Morgan Stanley Smith Barney LLC
Futures Clearing Schedule

Updated as of Feburary 27, 2013

Exch Code	Exch Desc	Comm Group	Prod Code	Product Desc	F/O	Platform	Trd Fee	Trd Fee Cur	Trd Fee Meth	Clr Fee	Clr Fee Cur	Clr Fee Meth	Fee Total	Brk Fee	Brk Fee Cur	Brk Fee Meth
AMEX	American Stock Exchange	Equity		Group: AMEX12367 (3M)	Opt	Electronic				0.03	USD	FRPL	0.03	0.2	USD	FRPL
AMEX	American Stock Exchange	Equity		Group: AMEX12367 (3M)	Opt	Floor				0.03	USD	FRPL	0.03	0.2	USD	FRPL
AMEX	American Stock Exchange	Equity		Group: AMEX28 (21Vianet Group Inc)	Opt	Electronic				0.03	USD	FRPL	0.03	0.2	USD	FRPL
AMEX	American Stock Exchange	Equity		Group: AMEX28 (21Vianet Group Inc)	Opt	Floor				0.03	USD	FRPL	0.03	0.2	USD	FRPL
AMEX	American Stock Exchange	Index	1EDC	Direxion Daily Emerging Markets Bull 3X Shares FLEX	Opt	Electronic				0.03	USD	FRPL	0.03	0.2	USD	FRPL
AMEX	American Stock Exchange	Index	1EDC	Direxion Daily Emerging Markets Bull 3X Shares FLEX	Opt	Floor				0.03	USD	FRPL	0.03	0.2	USD	FRPL
AMEX	American Stock Exchange	Index	1FXE	CurrencyShares Euro Trust FLEX	Opt	Electronic				0.03	USD	FRPL	0.03	0.2	USD	FRPL
AMEX	American Stock Exchange	Index	1FXE	CurrencyShares Euro Trust FLEX	Opt	Floor				0.03	USD	FRPL	0.03	0.2	USD	FRPL
AMEX	American Stock Exchange	Index	1GLD	SPDR Gold Trust FLEX	Opt	Electronic				0.03	USD	FRPL	0.03	0.2	USD	FRPL
AMEX	American Stock Exchange	Index	1GLD	SPDR Gold Trust FLEX	Opt	Floor				0.03	USD	FRPL	0.03	0.2	USD	FRPL
AMEX	American Stock Exchange	Index	1SLV	iShares Silver Trust FLEX	Opt	Electronic				0.03	USD	FRPL	0.03	0.2	USD	FRPL
AMEX	American Stock Exchange	Index	1SLV	iShares Silver Trust FLEX	Opt	Floor				0.03	USD	FRPL	0.03	0.2	USD	FRPL
AMEX	American Stock Exchange	Index	1SPY	SPDR S&P 500 ETF Trust FLEX	Opt	Electronic				0.03	USD	FRPL	0.03	0.2	USD	FRPL
AMEX	American Stock Exchange	Index	1SPY	SPDR S&P 500 ETF Trust FLEX	Opt	Floor				0.03	USD	FRPL	0.03	0.2	USD	FRPL
AMEX	American Stock Exchange	Index	2BKX	KBW Bank Index FLEX	Opt	Electronic				0.03	USD	FRPL	0.03	0.2	USD	FRPL
AMEX	American Stock Exchange	Index	2BKX	KBW Bank Index FLEX	Opt	Floor				0.03	USD	FRPL	0.03	0.2	USD	FRPL
AMEX	American Stock Exchange	Index	2EEM	iShares MSCI Emerging Markets Index Fund FLEX	Opt	Electronic				0.03	USD	FRPL	0.03	0.2	USD	FRPL
AMEX	American Stock Exchange	Index	2EEM	iShares MSCI Emerging Markets Index Fund FLEX	Opt	Floor				0.03	USD	FRPL	0.03	0.2	USD	FRPL
AMEX	American Stock Exchange	Index	2EFA	iShares MSCI EAFE Index Fund FLEX	Opt	Electronic				0.03	USD	FRPL	0.03	0.2	USD	FRPL
AMEX	American Stock Exchange	Index	2EFA	iShares MSCI EAFE Index Fund FLEX	Opt	Floor				0.03	USD	FRPL	0.03	0.2	USD	FRPL
AMEX	American Stock Exchange	Index	2GLD	SPDR Gold Trust FLEX	Opt	Electronic				0.03	USD	FRPL	0.03	0.2	USD	FRPL
AMEX	American Stock Exchange	Index	2GLD	SPDR Gold Trust FLEX	Opt	Floor				0.03	USD	FRPL	0.03	0.2	USD	FRPL
AMEX	American Stock Exchange	Index	2GSG	iShares S&P GSCI Commodity Indexed Trust FLEX	Opt	Electronic				0.03	USD	FRPL	0.03	0.2	USD	FRPL
AMEX	American Stock Exchange	Index	2GSG	iShares S&P GSCI Commodity Indexed Trust FLEX	Opt	Floor				0.03	USD	FRPL	0.03	0.2	USD	FRPL
AMEX	American Stock Exchange	Index	2IWM	iShares Russell 2000 Index FLEX	Opt	Electronic				0.03	USD	FRPL	0.03	0.2	USD	FRPL
AMEX	American Stock Exchange	Index	2IWM	iShares Russell 2000 Index FLEX	Opt	Floor				0.03	USD	FRPL	0.03	0.2	USD	FRPL
AMEX	American Stock Exchange	Index	2MDY	SPDR S&P MidCap 400 ETF Trust FLEX	Opt	Electronic				0.03	USD	FRPL	0.03	0.2	USD	FRPL
AMEX	American Stock Exchange	Index	2MDY	SPDR S&P MidCap 400 ETF Trust FLEX	Opt	Floor				0.03	USD	FRPL	0.03	0.2	USD	FRPL
AMEX	American Stock Exchange	Index	2NDX	Nasdaq 100 Index FLEX	Opt	Electronic				0.03	USD	FRPL	0.03	0.2	USD	FRPL
AMEX	American Stock Exchange	Index	2NDX	Nasdaq 100 Index FLEX	Opt	Floor				0.03	USD	FRPL	0.03	0.2	USD	FRPL
AMEX	American Stock Exchange	Index	2RUT	Russell 2000 Index FLEX	Opt	Electronic				0.03	USD	FRPL	0.03	0.2	USD	FRPL
AMEX	American Stock Exchange	Index	2RUT	Russell 2000 Index FLEX	Opt	Floor				0.03	USD	FRPL	0.03	0.2	USD	FRPL
AMEX	American Stock Exchange	Index	2SLV	iShares Silver Trust FLEX	Opt	Electronic				0.03	USD	FRPL	0.03	0.2	USD	FRPL
AMEX	American Stock Exchange	Index	2SLV	iShares Silver Trust FLEX	Opt	Floor				0.03	USD	FRPL	0.03	0.2	USD	FRPL
AMEX	American Stock Exchange	Index	2SPY	SPDR S&P 500 ETF Trust FLEX	Opt	Electronic				0.03	USD	FRPL	0.03	0.2	USD	FRPL
AMEX	American Stock Exchange	Index	2SPY	SPDR S&P 500 ETF Trust FLEX	Opt	Floor				0.03	USD	FRPL	0.03	0.2	USD	FRPL
AMEX	American Stock Exchange	Index	2XLE	Energy Select Sector SPDR FLEX	Opt	Electronic				0.03	USD	FRPL	0.03	0.2	USD	FRPL
AMEX	American Stock Exchange	Index	2XLE	Energy Select Sector SPDR FLEX	Opt	Floor				0.03	USD	FRPL	0.03	0.2	USD	FRPL
AMEX	American Stock Exchange	Index	2XLF	Financial Select Sector SPDR FLEX	Opt	Electronic				0.03	USD	FRPL	0.03	0.2	USD	FRPL
AMEX	American Stock Exchange	Index	2XLF	Financial Select Sector SPDR FLEX	Opt	Floor				0.03	USD	FRPL	0.03	0.2	USD	FRPL
AMEX	American Stock Exchange	Index	2XLK	Technology Select Sector SPDR FLEX	Opt	Electronic				0.03	USD	FRPL	0.03	0.2	USD	FRPL
AMEX	American Stock Exchange	Index	2XLK	Technology Select Sector SPDR FLEX	Opt	Floor				0.03	USD	FRPL	0.03	0.2	USD	FRPL
AMEX	American Stock Exchange	Index	2XLU	Utilities Select Sector SPDR FLEX	Opt	Electronic				0.03	USD	FRPL	0.03	0.2	USD	FRPL
AMEX	American Stock Exchange	Index	2XLU	Utilities Select Sector SPDR FLEX	Opt	Floor				0.03	USD	FRPL	0.03	0.2	USD	FRPL
AMEX	American Stock Exchange	Index	4BKX	KBW Bank Index FLEX	Opt	Electronic				0.03	USD	FRPL	0.03	0.2	USD	FRPL
AMEX	American Stock Exchange	Index	4BKX	KBW Bank Index FLEX	Opt	Floor				0.03	USD	FRPL	0.03	0.2	USD	FRPL
AMEX	American Stock Exchange	Index	4CYC	Morgan Stanley Cyclical Index FLEX	Opt	Electronic				0.03	USD	FRPL	0.03	0.2	USD	FRPL
AMEX	American Stock Exchange	Index	4CYC	Morgan Stanley Cyclical Index FLEX	Opt	Floor				0.03	USD	FRPL	0.03	0.2	USD	FRPL
AMEX	American Stock Exchange	Index	4EUR	Eurotop 100 Index FLEX	Opt	Electronic				0.03	USD	FRPL	0.03	0.2	USD	FRPL
AMEX	American Stock Exchange	Index	4EUR	Eurotop 100 Index FLEX	Opt	Floor				0.03	USD	FRPL	0.03	0.2	USD	FRPL
AMEX	American Stock Exchange	Index	4MNX	Mini Nasdaq 100 Index FLEX	Opt	Electronic				0.03	USD	FRPL	0.03	0.2	USD	FRPL
AMEX	American Stock Exchange	Index	4MNX	Mini Nasdaq 100 Index FLEX	Opt	Floor				0.03	USD	FRPL	0.03	0.2	USD	FRPL
AMEX	American Stock Exchange	Index	4NDX	Nasdaq 100 Index FLEX	Opt	Electronic				0.03	USD	FRPL	0.03	0.2	USD	FRPL
AMEX	American Stock Exchange	Index	4NDX	Nasdaq 100 Index FLEX	Opt	Floor				0.03	USD	FRPL	0.03	0.2	USD	FRPL
AMEX	American Stock Exchange	Index	4RUT	Russell 2000 Index FLEX	Opt	Electronic				0.03	USD	FRPL	0.03	0.2	USD	FRPL
AMEX	American Stock Exchange	Index	4RUT	Russell 2000 Index FLEX	Opt	Floor				0.03	USD	FRPL	0.03	0.2	USD	FRPL
AMEX	American Stock Exchange	Index	AAXJ	iShares MSCI All Country Asia ex Japan Index Fund	Opt	Electronic				0.03	USD	FRPL	0.03	0.2	USD	FRPL
AMEX	American Stock Exchange	Index	AAXJ	iShares MSCI All Country Asia ex Japan Index Fund	Opt	Floor				0.03	USD	FRPL	0.03	0.2	USD	FRPL
AMEX	American Stock Exchange	Index	AGQ	ProShares Ultra Silver	Opt	Electronic				0.03	USD	FRPL	0.03	0.2	USD	FRPL

Exch Code	Exch Desc	Comm Group	Prod Code	Product Desc	F/O	Platform	Trd Fee	Trd Fee Cur	Trd Fee Meth	Clr Fee	Clr Fee Cur	Clr Fee Meth	Fee Total	Brk Fee	Brk Fee Cur	Brk Fee Meth
AMEX	American Stock Exchange	Index	AGQ	ProShares Ultra Silver	Opt	Floor				0.03	USD	FRPL	0.03	0.2	USD	FRPL
AMEX	American Stock Exchange	Index	AMJ	JP Morgan Alerian MLP Index ETN	Opt	Electronic				0.03	USD	FRPL	0.03	0.2	USD	FRPL
AMEX	American Stock Exchange	Index	AMJ	JP Morgan Alerian MLP Index ETN	Opt	Floor				0.03	USD	FRPL	0.03	0.2	USD	FRPL
AMEX	American Stock Exchange	Index	AMLP	Alerian MLP ETF	Opt	Electronic				0.03	USD	FRPL	0.03	0.2	USD	FRPL
AMEX	American Stock Exchange	Index	AMLP	Alerian MLP ETF	Opt	Floor				0.03	USD	FRPL	0.03	0.2	USD	FRPL
AMEX	American Stock Exchange	Index	BKX	KBW Bank Index	Opt	Electronic				0.03	USD	FRPL	0.03	0.2	USD	FRPL
AMEX	American Stock Exchange	Index	BKX	KBW Bank Index	Opt	Floor				0.03	USD	FRPL	0.03	0.2	USD	FRPL
AMEX	American Stock Exchange	Index	BKXPM	KBW Bank Index Quarterly	Opt	Electronic				0.03	USD	FRPL	0.03	0.2	USD	FRPL
AMEX	American Stock Exchange	Index	BKXPM	KBW Bank Index Quarterly	Opt	Floor				0.03	USD	FRPL	0.03	0.2	USD	FRPL
AMEX	American Stock Exchange	Index	BOND	Pimco Total Return ETF	Opt	Electronic				0.03	USD	FRPL	0.03	0.2	USD	FRPL
AMEX	American Stock Exchange	Index	BOND	Pimco Total Return ETF	Opt	Floor				0.03	USD	FRPL	0.03	0.2	USD	FRPL
AMEX	American Stock Exchange	Index	CHIQ	Global X China Consumer ETF	Opt	Electronic				0.03	USD	FRPL	0.03	0.2	USD	FRPL
AMEX	American Stock Exchange	Index	CHIQ	Global X China Consumer ETF	Opt	Floor				0.03	USD	FRPL	0.03	0.2	USD	FRPL
AMEX	American Stock Exchange	Index	CORN	Teucrium Commodity Trust Corn Fund Shares ETF	Opt	Electronic				0.03	USD	FRPL	0.03	0.2	USD	FRPL
AMEX	American Stock Exchange	Index	CORN	Teucrium Commodity Trust Corn Fund Shares ETF	Opt	Floor				0.03	USD	FRPL	0.03	0.2	USD	FRPL
AMEX	American Stock Exchange	Index	CYB	WisdomTree Chinese Yuan Fund	Opt	Electronic				0.03	USD	FRPL	0.03	0.2	USD	FRPL
AMEX	American Stock Exchange	Index	CYB	WisdomTree Chinese Yuan Fund	Opt	Floor				0.03	USD	FRPL	0.03	0.2	USD	FRPL
AMEX	American Stock Exchange	Index	CYC	Morgan Stanley Cyclical Index	Opt	Electronic				0.03	USD	FRPL	0.03	0.2	USD	FRPL
AMEX	American Stock Exchange	Index	CYC	Morgan Stanley Cyclical Index	Opt	Floor				0.03	USD	FRPL	0.03	0.2	USD	FRPL
AMEX	American Stock Exchange	Index	DBA	PowerShares DB Agriculture Fund	Opt	Electronic				0.03	USD	FRPL	0.03	0.2	USD	FRPL
AMEX	American Stock Exchange	Index	DBA	PowerShares DB Agriculture Fund	Opt	Floor				0.03	USD	FRPL	0.03	0.2	USD	FRPL
AMEX	American Stock Exchange	Index	DBB	PowerShares DB Base Metals Fund	Opt	Electronic				0.03	USD	FRPL	0.03	0.2	USD	FRPL
AMEX	American Stock Exchange	Index	DBB	PowerShares DB Base Metals Fund	Opt	Floor				0.03	USD	FRPL	0.03	0.2	USD	FRPL
AMEX	American Stock Exchange	Index	DBC	PowerShares DB Commodity Index Tracking Fund	Opt	Electronic				0.03	USD	FRPL	0.03	0.2	USD	FRPL
AMEX	American Stock Exchange	Index	DBC	PowerShares DB Commodity Index Tracking Fund	Opt	Floor				0.03	USD	FRPL	0.03	0.2	USD	FRPL
AMEX	American Stock Exchange	Index	DBO	PowerShares DB Oil Fund	Opt	Electronic				0.03	USD	FRPL	0.03	0.2	USD	FRPL
AMEX	American Stock Exchange	Index	DBO	PowerShares DB Oil Fund	Opt	Floor				0.03	USD	FRPL	0.03	0.2	USD	FRPL
AMEX	American Stock Exchange	Index	DDM	ProShares Ultra Dow30	Opt	Electronic				0.03	USD	FRPL	0.03	0.2	USD	FRPL
AMEX	American Stock Exchange	Index	DDM	ProShares Ultra Dow30	Opt	Floor				0.03	USD	FRPL	0.03	0.2	USD	FRPL
AMEX	American Stock Exchange	Index	DIA	SPDR Dow Jones Industrial Average ETF Trust	Opt	Electronic				0.03	USD	FRPL	0.03	0.2	USD	FRPL
AMEX	American Stock Exchange	Index	DIA	SPDR Dow Jones Industrial Average ETF Trust	Opt	Floor				0.03	USD	FRPL	0.03	0.2	USD	FRPL
AMEX	American Stock Exchange	Index	DIG	ProShares Ultra Oil & Gas	Opt	Electronic				0.03	USD	FRPL	0.03	0.2	USD	FRPL
AMEX	American Stock Exchange	Index	DIG	ProShares Ultra Oil & Gas	Opt	Floor				0.03	USD	FRPL	0.03	0.2	USD	FRPL
AMEX	American Stock Exchange	Index	DOG	ProShares Short Dow30	Opt	Electronic				0.03	USD	FRPL	0.03	0.2	USD	FRPL
AMEX	American Stock Exchange	Index	DOG	ProShares Short Dow30	Opt	Floor				0.03	USD	FRPL	0.03	0.2	USD	FRPL
AMEX	American Stock Exchange	Index	DRN	Direxion Daily Real Estate Bull 3x Shares	Opt	Electronic				0.03	USD	FRPL	0.03	0.2	USD	FRPL
AMEX	American Stock Exchange	Index	DRN	Direxion Daily Real Estate Bull 3x Shares	Opt	Floor				0.03	USD	FRPL	0.03	0.2	USD	FRPL
AMEX	American Stock Exchange	Index	DRV	Direxion Daily Real Estate Bear 3x Shares	Opt	Electronic				0.03	USD	FRPL	0.03	0.2	USD	FRPL
AMEX	American Stock Exchange	Index	DRV	Direxion Daily Real Estate Bear 3x Shares	Opt	Floor				0.03	USD	FRPL	0.03	0.2	USD	FRPL
AMEX	American Stock Exchange	Index	DUG	ProShares UltraShort Oil & Gas	Opt	Electronic				0.03	USD	FRPL	0.03	0.2	USD	FRPL
AMEX	American Stock Exchange	Index	DUG	ProShares UltraShort Oil & Gas	Opt	Floor				0.03	USD	FRPL	0.03	0.2	USD	FRPL
AMEX	American Stock Exchange	Index	DUST	Direxion Daily Gold Miners Bear 3X Shares ETF	Opt	Electronic				0.03	USD	FRPL	0.03	0.2	USD	FRPL
AMEX	American Stock Exchange	Index	DUST	Direxion Daily Gold Miners Bear 3X Shares ETF	Opt	Floor				0.03	USD	FRPL	0.03	0.2	USD	FRPL
AMEX	American Stock Exchange	Index	DVY	iShares DJ Select Dividend	Opt	Electronic				0.03	USD	FRPL	0.03	0.2	USD	FRPL
AMEX	American Stock Exchange	Index	DVY	iShares DJ Select Dividend	Opt	Floor				0.03	USD	FRPL	0.03	0.2	USD	FRPL
AMEX	American Stock Exchange	Index	DXD	ProShares UltraShort Dow30	Opt	Electronic				0.03	USD	FRPL	0.03	0.2	USD	FRPL
AMEX	American Stock Exchange	Index	DXD	ProShares UltraShort Dow30	Opt	Floor				0.03	USD	FRPL	0.03	0.2	USD	FRPL
AMEX	American Stock Exchange	Index	DXD1	ProShares UltraShort Dow30 Adj	Opt	Electronic				0.03	USD	FRPL	0.03	0.2	USD	FRPL
AMEX	American Stock Exchange	Index	DXD1	ProShares UltraShort Dow30 Adj	Opt	Floor				0.03	USD	FRPL	0.03	0.2	USD	FRPL
AMEX	American Stock Exchange	Index	EDC	Direxion Daily Emerging Markets Bull 3X Shares	Opt	Electronic				0.03	USD	FRPL	0.03	0.2	USD	FRPL
AMEX	American Stock Exchange	Index	EDC	Direxion Daily Emerging Markets Bull 3X Shares	Opt	Floor				0.03	USD	FRPL	0.03	0.2	USD	FRPL
AMEX	American Stock Exchange	Index	EDC1	Direxion Daily Emerging Markets Bull 3X Shares Adj	Opt	Electronic				0.03	USD	FRPL	0.03	0.2	USD	FRPL
AMEX	American Stock Exchange	Index	EDC1	Direxion Daily Emerging Markets Bull 3X Shares Adj	Opt	Floor				0.03	USD	FRPL	0.03	0.2	USD	FRPL
AMEX	American Stock Exchange	Index	EDZ	Direxion Daily Emerging Markets Bear 3X Shares	Opt	Electronic				0.03	USD	FRPL	0.03	0.2	USD	FRPL
AMEX	American Stock Exchange	Index	EDZ	Direxion Daily Emerging Markets Bear 3X Shares	Opt	Floor				0.03	USD	FRPL	0.03	0.2	USD	FRPL
AMEX	American Stock Exchange	Index	EEM	iShares MSCI Emerging Markets Index Fund	Opt	Electronic				0.03	USD	FRPL	0.03	0.2	USD	FRPL
AMEX	American Stock Exchange	Index	EEM	iShares MSCI Emerging Markets Index Fund	Opt	Floor				0.03	USD	FRPL	0.03	0.2	USD	FRPL
AMEX	American Stock Exchange	Index	EEV	ProShares UltraShort MSCI Emerging Markets	Opt	Electronic				0.03	USD	FRPL	0.03	0.2	USD	FRPL
AMEX	American Stock Exchange	Index	EEV	ProShares UltraShort MSCI Emerging Markets	Opt	Floor				0.03	USD	FRPL	0.03	0.2	USD	FRPL

Exch Code	Exch Desc	Comm Group	Prod Code	Product Desc	F/O	Platform	Trd Fee	Trd Fee Cur	Trd Fee Meth	Clr Fee	Clr Fee Cur	Clr Fee Meth	Fee Total	Brk Fee	Brk Fee Cur	Brk Fee Meth
AMEX	American Stock Exchange	Index	EFA	iShares MSCI EAFE Index Fund	Opt	Electronic				0.03	USD	FRPL	0.03	0.2	USD	FRPL
AMEX	American Stock Exchange	Index	EFA	iShares MSCI EAFE Index Fund	Opt	Floor				0.03	USD	FRPL	0.03	0.2	USD	FRPL
AMEX	American Stock Exchange	Index	EPI	WisdomTree India Earning Fund	Opt	Electronic				0.03	USD	FRPL	0.03	0.2	USD	FRPL
AMEX	American Stock Exchange	Index	EPI	WisdomTree India Earning Fund	Opt	Floor				0.03	USD	FRPL	0.03	0.2	USD	FRPL
AMEX	American Stock Exchange	Index	ERX	Direxionshares Daily Energy Bull 3X Shares	Opt	Electronic				0.03	USD	FRPL	0.03	0.2	USD	FRPL
AMEX	American Stock Exchange	Index	ERX	Direxionshares Daily Energy Bull 3X Shares	Opt	Floor				0.03	USD	FRPL	0.03	0.2	USD	FRPL
AMEX	American Stock Exchange	Index	ERY	Direxionshares Daily Energy Bear 3X Shares	Opt	Electronic				0.03	USD	FRPL	0.03	0.2	USD	FRPL
AMEX	American Stock Exchange	Index	ERY	Direxionshares Daily Energy Bear 3X Shares	Opt	Floor				0.03	USD	FRPL	0.03	0.2	USD	FRPL
AMEX	American Stock Exchange	Index	EUO	ProShares UltraShort Euro	Opt	Electronic				0.03	USD	FRPL	0.03	0.2	USD	FRPL
AMEX	American Stock Exchange	Index	EUO	ProShares UltraShort Euro	Opt	Floor				0.03	USD	FRPL	0.03	0.2	USD	FRPL
AMEX	American Stock Exchange	Index	EWA	iShares MSCI Australia Index ETF	Opt	Electronic				0.03	USD	FRPL	0.03	0.2	USD	FRPL
AMEX	American Stock Exchange	Index	EWA	iShares MSCI Australia Index ETF	Opt	Floor				0.03	USD	FRPL	0.03	0.2	USD	FRPL
AMEX	American Stock Exchange	Index	EWC	iShares MSCI Canada Index ETF	Opt	Electronic				0.03	USD	FRPL	0.03	0.2	USD	FRPL
AMEX	American Stock Exchange	Index	EWC	iShares MSCI Canada Index ETF	Opt	Floor				0.03	USD	FRPL	0.03	0.2	USD	FRPL
AMEX	American Stock Exchange	Index	EWD	iShares MSCI Sweden Index Fund ETF	Opt	Electronic				0.03	USD	FRPL	0.03	0.2	USD	FRPL
AMEX	American Stock Exchange	Index	EWD	iShares MSCI Sweden Index Fund ETF	Opt	Floor				0.03	USD	FRPL	0.03	0.2	USD	FRPL
AMEX	American Stock Exchange	Index	EWG	iShares MSCI Germany Index Fund ETF	Opt	Electronic				0.03	USD	FRPL	0.03	0.2	USD	FRPL
AMEX	American Stock Exchange	Index	EWG	iShares MSCI Germany Index Fund ETF	Opt	Floor				0.03	USD	FRPL	0.03	0.2	USD	FRPL
AMEX	American Stock Exchange	Index	EWH	iShares MSCI Hong Kong Index ETF	Opt	Electronic				0.03	USD	FRPL	0.03	0.2	USD	FRPL
AMEX	American Stock Exchange	Index	EWH	iShares MSCI Hong Kong Index ETF	Opt	Floor				0.03	USD	FRPL	0.03	0.2	USD	FRPL
AMEX	American Stock Exchange	Index	EWI	iShares MSCI Italy Index Fund	Opt	Electronic				0.03	USD	FRPL	0.03	0.2	USD	FRPL
AMEX	American Stock Exchange	Index	EWI	iShares MSCI Italy Index Fund	Opt	Floor				0.03	USD	FRPL	0.03	0.2	USD	FRPL
AMEX	American Stock Exchange	Index	EWJ	iShares MSCI Japan Index ETF	Opt	Electronic				0.03	USD	FRPL	0.03	0.2	USD	FRPL
AMEX	American Stock Exchange	Index	EWJ	iShares MSCI Japan Index ETF	Opt	Floor				0.03	USD	FRPL	0.03	0.2	USD	FRPL
AMEX	American Stock Exchange	Index	EWM	iShares MSCI Malaysia Index ETF	Opt	Electronic				0.03	USD	FRPL	0.03	0.2	USD	FRPL
AMEX	American Stock Exchange	Index	EWM	iShares MSCI Malaysia Index ETF	Opt	Floor				0.03	USD	FRPL	0.03	0.2	USD	FRPL
AMEX	American Stock Exchange	Index	EWT	iShares MSCI Taiwan Index ETF	Opt	Electronic				0.03	USD	FRPL	0.03	0.2	USD	FRPL
AMEX	American Stock Exchange	Index	EWT	iShares MSCI Taiwan Index ETF	Opt	Floor				0.03	USD	FRPL	0.03	0.2	USD	FRPL
AMEX	American Stock Exchange	Index	EWW	iShares MSCI Mexico Investable Market Index Fund	Opt	Electronic				0.03	USD	FRPL	0.03	0.2	USD	FRPL
AMEX	American Stock Exchange	Index	EWW	iShares MSCI Mexico Investable Market Index Fund	Opt	Floor				0.03	USD	FRPL	0.03	0.2	USD	FRPL
AMEX	American Stock Exchange	Index	EWY	iShares South Korea Index ETF	Opt	Electronic				0.03	USD	FRPL	0.03	0.2	USD	FRPL
AMEX	American Stock Exchange	Index	EWY	iShares South Korea Index ETF	Opt	Floor				0.03	USD	FRPL	0.03	0.2	USD	FRPL
AMEX	American Stock Exchange	Index	EWZ	iShares Brazil Index ETF	Opt	Electronic				0.03	USD	FRPL	0.03	0.2	USD	FRPL
AMEX	American Stock Exchange	Index	EWZ	iShares Brazil Index ETF	Opt	Floor				0.03	USD	FRPL	0.03	0.2	USD	FRPL
AMEX	American Stock Exchange	Index	FAS	Direxionshares Daily Financial Bull 3X Shares	Opt	Electronic				0.03	USD	FRPL	0.03	0.2	USD	FRPL
AMEX	American Stock Exchange	Index	FAS	Direxionshares Daily Financial Bull 3X Shares	Opt	Floor				0.03	USD	FRPL	0.03	0.2	USD	FRPL
AMEX	American Stock Exchange	Index	FAS1	Direxionshares Daily Financial Bull 3X Shares Adj	Opt	Electronic				0.03	USD	FRPL	0.03	0.2	USD	FRPL
AMEX	American Stock Exchange	Index	FAS1	Direxionshares Daily Financial Bull 3X Shares Adj	Opt	Floor				0.03	USD	FRPL	0.03	0.2	USD	FRPL
AMEX	American Stock Exchange	Index	FAZ	Direxionshares Daily Financial Bear 3X Shares	Opt	Electronic				0.03	USD	FRPL	0.03	0.2	USD	FRPL
AMEX	American Stock Exchange	Index	FAZ	Direxionshares Daily Financial Bear 3X Shares	Opt	Floor				0.03	USD	FRPL	0.03	0.2	USD	FRPL
AMEX	American Stock Exchange	Index	FCG	First Trust ISE Revere Natural Gas Index Fund	Opt	Electronic				0.03	USD	FRPL	0.03	0.2	USD	FRPL
AMEX	American Stock Exchange	Index	FCG	First Trust ISE Revere Natural Gas Index Fund	Opt	Floor				0.03	USD	FRPL	0.03	0.2	USD	FRPL
AMEX	American Stock Exchange	Index	FXA	CurrencyShares Australian Dollar Trust	Opt	Electronic				0.03	USD	FRPL	0.03	0.2	USD	FRPL
AMEX	American Stock Exchange	Index	FXA	CurrencyShares Australian Dollar Trust	Opt	Floor				0.03	USD	FRPL	0.03	0.2	USD	FRPL
AMEX	American Stock Exchange	Index	FXB	CurrencyShares British Pound Sterling Trust	Opt	Electronic				0.03	USD	FRPL	0.03	0.2	USD	FRPL
AMEX	American Stock Exchange	Index	FXB	CurrencyShares British Pound Sterling Trust	Opt	Floor				0.03	USD	FRPL	0.03	0.2	USD	FRPL
AMEX	American Stock Exchange	Index	FXC	CurrencyShares Canadian Dollar Trust	Opt	Electronic				0.03	USD	FRPL	0.03	0.2	USD	FRPL
AMEX	American Stock Exchange	Index	FXC	CurrencyShares Canadian Dollar Trust	Opt	Floor				0.03	USD	FRPL	0.03	0.2	USD	FRPL
AMEX	American Stock Exchange	Index	FXE	CurrencyShares Euro Trust	Opt	Electronic				0.03	USD	FRPL	0.03	0.2	USD	FRPL
AMEX	American Stock Exchange	Index	FXE	CurrencyShares Euro Trust	Opt	Floor				0.03	USD	FRPL	0.03	0.2	USD	FRPL
AMEX	American Stock Exchange	Index	FXF	CurrencyShares Swiss Franc Trust	Opt	Electronic				0.03	USD	FRPL	0.03	0.2	USD	FRPL
AMEX	American Stock Exchange	Index	FXF	CurrencyShares Swiss Franc Trust	Opt	Floor				0.03	USD	FRPL	0.03	0.2	USD	FRPL
AMEX	American Stock Exchange	Index	FXI	iShares FTSE China 25 Index Fund	Opt	Electronic				0.03	USD	FRPL	0.03	0.2	USD	FRPL
AMEX	American Stock Exchange	Index	FXI	iShares FTSE China 25 Index Fund	Opt	Floor				0.03	USD	FRPL	0.03	0.2	USD	FRPL
AMEX	American Stock Exchange	Index	FXP	ProShares UltraShort FTSE China 25	Opt	Electronic				0.03	USD	FRPL	0.03	0.2	USD	FRPL
AMEX	American Stock Exchange	Index	FXP	ProShares UltraShort FTSE China 25	Opt	Floor				0.03	USD	FRPL	0.03	0.2	USD	FRPL
AMEX	American Stock Exchange	Index	FXS	CurrencyShares Swedish Krona Trust	Opt	Electronic				0.03	USD	FRPL	0.03	0.2	USD	FRPL
AMEX	American Stock Exchange	Index	FXS	CurrencyShares Swedish Krona Trust	Opt	Floor				0.03	USD	FRPL	0.03	0.2	USD	FRPL
AMEX	American Stock Exchange	Index	FXY	CurrencyShares Japanese Yen Trust	Opt	Electronic				0.03	USD	FRPL	0.03	0.2	USD	FRPL

Exch Code	Exch Desc	Comm Group	Prod Code	Product Desc	F/O	Platform	Trd Fee	Trd Fee Cur	Trd Fee Meth	Clr Fee	Clr Fee Cur	Clr Fee Meth	Fee Total	Brk Fee	Brk Fee Cur	Brk Fee Meth
AMEX	American Stock Exchange	Index	FXY	CurrencyShares Japanese Yen Trust	Opt	Floor				0.03	USD	FRPL	0.03	0.2	USD	FRPL
AMEX	American Stock Exchange	Index	GAZ	iPath DJ-UBS Natural Gas Total Return Sub-Index ETN	Opt	Electronic				0.03	USD	FRPL	0.03	0.2	USD	FRPL
AMEX	American Stock Exchange	Index	GAZ	iPath DJ-UBS Natural Gas Total Return Sub-Index ETN	Opt	Floor				0.03	USD	FRPL	0.03	0.2	USD	FRPL
AMEX	American Stock Exchange	Index	GDX	The Market Vectors Gold Miners ETF	Opt	Electronic				0.03	USD	FRPL	0.03	0.2	USD	FRPL
AMEX	American Stock Exchange	Index	GDX	The Market Vectors Gold Miners ETF	Opt	Floor				0.03	USD	FRPL	0.03	0.2	USD	FRPL
AMEX	American Stock Exchange	Index	GDXJ	Market Vectors Junior Gold Miners ETF	Opt	Electronic				0.03	USD	FRPL	0.03	0.2	USD	FRPL
AMEX	American Stock Exchange	Index	GDXJ	Market Vectors Junior Gold Miners ETF	Opt	Floor				0.03	USD	FRPL	0.03	0.2	USD	FRPL
AMEX	American Stock Exchange	Index	GLD	SPDR Gold Trust	Opt	Electronic				0.03	USD	FRPL	0.03	0.2	USD	FRPL
AMEX	American Stock Exchange	Index	GLD	SPDR Gold Trust	Opt	Floor				0.03	USD	FRPL	0.03	0.2	USD	FRPL
AMEX	American Stock Exchange	Index	GLL	ProShares UltraShort Gold	Opt	Electronic				0.03	USD	FRPL	0.03	0.2	USD	FRPL
AMEX	American Stock Exchange	Index	GLL	ProShares UltraShort Gold	Opt	Floor				0.03	USD	FRPL	0.03	0.2	USD	FRPL
AMEX	American Stock Exchange	Index	GLL1	ProShares UltraShort Gold Adj	Opt	Electronic				0.03	USD	FRPL	0.03	0.2	USD	FRPL
AMEX	American Stock Exchange	Index	GLL1	ProShares UltraShort Gold Adj	Opt	Floor				0.03	USD	FRPL	0.03	0.2	USD	FRPL
AMEX	American Stock Exchange	Index	GSG	iShares S&P GSCI Commodity Indexed Trust	Opt	Electronic				0.03	USD	FRPL	0.03	0.2	USD	FRPL
AMEX	American Stock Exchange	Index	GSG	iShares S&P GSCI Commodity Indexed Trust	Opt	Floor				0.03	USD	FRPL	0.03	0.2	USD	FRPL
AMEX	American Stock Exchange	Index	GWX	SPDR S&P International Small Cap ETF	Opt	Electronic				0.03	USD	FRPL	0.03	0.2	USD	FRPL
AMEX	American Stock Exchange	Index	GWX	SPDR S&P International Small Cap ETF	Opt	Floor				0.03	USD	FRPL	0.03	0.2	USD	FRPL
AMEX	American Stock Exchange	Index	HAO	Guggenheim China Small Cap ETF	Opt	Electronic				0.03	USD	FRPL	0.03	0.2	USD	FRPL
AMEX	American Stock Exchange	Index	HAO	Guggenheim China Small Cap ETF	Opt	Floor				0.03	USD	FRPL	0.03	0.2	USD	FRPL
AMEX	American Stock Exchange	Index	HYG	iShares iBoxx $ High Yield Corporate Bond Fund	Opt	Electronic				0.03	USD	FRPL	0.03	0.2	USD	FRPL
AMEX	American Stock Exchange	Index	HYG	iShares iBoxx $ High Yield Corporate Bond Fund	Opt	Floor				0.03	USD	FRPL	0.03	0.2	USD	FRPL
AMEX	American Stock Exchange	Index	IAI	iShares DJ U.S Broker Dealers Index Fund	Opt	Electronic				0.03	USD	FRPL	0.03	0.2	USD	FRPL
AMEX	American Stock Exchange	Index	IAI	iShares DJ U.S Broker Dealers Index Fund	Opt	Floor				0.03	USD	FRPL	0.03	0.2	USD	FRPL
AMEX	American Stock Exchange	Index	IAT	iShares DJ U.S Regional Banks Index Fund	Opt	Electronic				0.03	USD	FRPL	0.03	0.2	USD	FRPL
AMEX	American Stock Exchange	Index	IAT	iShares DJ U.S Regional Banks Index Fund	Opt	Floor				0.03	USD	FRPL	0.03	0.2	USD	FRPL
AMEX	American Stock Exchange	Index	IAU	iShares Gold Trust	Opt	Electronic				0.03	USD	FRPL	0.03	0.2	USD	FRPL
AMEX	American Stock Exchange	Index	IAU	iShares Gold Trust	Opt	Floor				0.03	USD	FRPL	0.03	0.2	USD	FRPL
AMEX	American Stock Exchange	Index	IBB	iShares Nasdaq Biotechnology Index Fund	Opt	Electronic				0.03	USD	FRPL	0.03	0.2	USD	FRPL
AMEX	American Stock Exchange	Index	IBB	iShares Nasdaq Biotechnology Index Fund	Opt	Floor				0.03	USD	FRPL	0.03	0.2	USD	FRPL
AMEX	American Stock Exchange	Index	IEF	iShares Barclays 7-10 Year Treasury Bond Fund	Opt	Electronic				0.03	USD	FRPL	0.03	0.2	USD	FRPL
AMEX	American Stock Exchange	Index	IEF	iShares Barclays 7-10 Year Treasury Bond Fund	Opt	Floor				0.03	USD	FRPL	0.03	0.2	USD	FRPL
AMEX	American Stock Exchange	Index	IEO	iShares Dow Jones U.S Oil & Gas Exploration & Production Index Fund	Opt	Electronic				0.03	USD	FRPL	0.03	0.2	USD	FRPL
AMEX	American Stock Exchange	Index	IEO	iShares Dow Jones U.S Oil & Gas Exploration & Production Index Fund	Opt	Floor				0.03	USD	FRPL	0.03	0.2	USD	FRPL
AMEX	American Stock Exchange	Index	IEZ	iShares DJ U.S Oil Equipment & Service Index Fund	Opt	Electronic				0.03	USD	FRPL	0.03	0.2	USD	FRPL
AMEX	American Stock Exchange	Index	IEZ	iShares DJ U.S Oil Equipment & Service Index Fund	Opt	Floor				0.03	USD	FRPL	0.03	0.2	USD	FRPL
AMEX	American Stock Exchange	Index	IHF	iShares DJ US Healthcare Providers Index Fund	Opt	Electronic				0.03	USD	FRPL	0.03	0.2	USD	FRPL
AMEX	American Stock Exchange	Index	IHF	iShares DJ US Healthcare Providers Index Fund	Opt	Floor				0.03	USD	FRPL	0.03	0.2	USD	FRPL
AMEX	American Stock Exchange	Index	ILF	iShares S&P Latin American 40 Index Fund	Opt	Electronic				0.03	USD	FRPL	0.03	0.2	USD	FRPL
AMEX	American Stock Exchange	Index	ILF	iShares S&P Latin American 40 Index Fund	Opt	Floor				0.03	USD	FRPL	0.03	0.2	USD	FRPL
AMEX	American Stock Exchange	Index	ITB	iShares DJ US Home Construction Index Fund	Opt	Electronic				0.03	USD	FRPL	0.03	0.2	USD	FRPL
AMEX	American Stock Exchange	Index	ITB	iShares DJ US Home Construction Index Fund	Opt	Floor				0.03	USD	FRPL	0.03	0.2	USD	FRPL
AMEX	American Stock Exchange	Index	IWB	iShares Russell 1000 Index	Opt	Electronic				0.03	USD	FRPL	0.03	0.2	USD	FRPL
AMEX	American Stock Exchange	Index	IWB	iShares Russell 1000 Index	Opt	Floor				0.03	USD	FRPL	0.03	0.2	USD	FRPL
AMEX	American Stock Exchange	Index	IWD	iShares Russell 1000 Value Index Fund	Opt	Electronic				0.03	USD	FRPL	0.03	0.2	USD	FRPL
AMEX	American Stock Exchange	Index	IWD	iShares Russell 1000 Value Index Fund	Opt	Floor				0.03	USD	FRPL	0.03	0.2	USD	FRPL
AMEX	American Stock Exchange	Index	IWF	iShares Russell 1000 Growth Index Fund	Opt	Electronic				0.03	USD	FRPL	0.03	0.2	USD	FRPL
AMEX	American Stock Exchange	Index	IWF	iShares Russell 1000 Growth Index Fund	Opt	Floor				0.03	USD	FRPL	0.03	0.2	USD	FRPL
AMEX	American Stock Exchange	Index	IWM	iShares Russell 2000 Index	Opt	Electronic				0.03	USD	FRPL	0.03	0.2	USD	FRPL
AMEX	American Stock Exchange	Index	IWM	iShares Russell 2000 Index	Opt	Floor				0.03	USD	FRPL	0.03	0.2	USD	FRPL
AMEX	American Stock Exchange	Index	IWN	iShares Russell 2000 Value Index Fund	Opt	Electronic				0.03	USD	FRPL	0.03	0.2	USD	FRPL
AMEX	American Stock Exchange	Index	IWN	iShares Russell 2000 Value Index Fund	Opt	Floor				0.03	USD	FRPL	0.03	0.2	USD	FRPL
AMEX	American Stock Exchange	Index	IWO	iShares Russell 2000 Growth Index Fund	Opt	Electronic				0.03	USD	FRPL	0.03	0.2	USD	FRPL
AMEX	American Stock Exchange	Index	IWO	iShares Russell 2000 Growth Index Fund	Opt	Floor				0.03	USD	FRPL	0.03	0.2	USD	FRPL
AMEX	American Stock Exchange	Index	IYF	iShares DJ US Financial Sector Index Fund	Opt	Electronic				0.03	USD	FRPL	0.03	0.2	USD	FRPL
AMEX	American Stock Exchange	Index	IYF	iShares DJ US Financial Sector Index Fund	Opt	Floor				0.03	USD	FRPL	0.03	0.2	USD	FRPL
AMEX	American Stock Exchange	Index	IYJ	iShares DJ US Industrial Sector Index Fund ETF	Opt	Electronic				0.03	USD	FRPL	0.03	0.2	USD	FRPL
AMEX	American Stock Exchange	Index	IYJ	iShares DJ US Industrial Sector Index Fund ETF	Opt	Floor				0.03	USD	FRPL	0.03	0.2	USD	FRPL

Exch Code	Exch Desc	Comm Group	Prod Code	Product Desc	F/O	Platform	Trd Fee	Trd Fee Cur	Trd Fee Meth	Clr Fee	Clr Fee Cur	Clr Fee Meth	Fee Total	Brk Fee	Brk Fee Cur	Brk Fee Meth
AMEX	American Stock Exchange	Index	IYM	iShares Dow Jones U.S Basic Materials Sector	Opt	Electronic				0.03	USD	FRPL	0.03	0.2	USD	FRPL
AMEX	American Stock Exchange	Index	IYM	iShares Dow Jones U.S Basic Materials Sector	Opt	Floor				0.03	USD	FRPL	0.03	0.2	USD	FRPL
AMEX	American Stock Exchange	Index	IYR	iShares DJ US Real Estate Index	Opt	Electronic				0.03	USD	FRPL	0.03	0.2	USD	FRPL
AMEX	American Stock Exchange	Index	IYR	iShares DJ US Real Estate Index	Opt	Floor				0.03	USD	FRPL	0.03	0.2	USD	FRPL
AMEX	American Stock Exchange	Index	IYT	iShares DJ US Transport Index	Opt	Electronic				0.03	USD	FRPL	0.03	0.2	USD	FRPL
AMEX	American Stock Exchange	Index	IYT	iShares DJ US Transport Index	Opt	Floor				0.03	USD	FRPL	0.03	0.2	USD	FRPL
AMEX	American Stock Exchange	Index	JJC	iPath DJ-UBS Copper Total Return Sub-Index ETN	Opt	Electronic				0.03	USD	FRPL	0.03	0.2	USD	FRPL
AMEX	American Stock Exchange	Index	JJC	iPath DJ-UBS Copper Total Return Sub-Index ETN	Opt	Floor				0.03	USD	FRPL	0.03	0.2	USD	FRPL
AMEX	American Stock Exchange	Index	JNK	SPDR Barclays High Yield Bond ETF	Opt	Electronic				0.03	USD	FRPL	0.03	0.2	USD	FRPL
AMEX	American Stock Exchange	Index	JNK	SPDR Barclays High Yield Bond ETF	Opt	Floor				0.03	USD	FRPL	0.03	0.2	USD	FRPL
AMEX	American Stock Exchange	Index	KBE	SPDR S&P Bank ETF	Opt	Electronic				0.03	USD	FRPL	0.03	0.2	USD	FRPL
AMEX	American Stock Exchange	Index	KBE	SPDR S&P Bank ETF	Opt	Floor				0.03	USD	FRPL	0.03	0.2	USD	FRPL
AMEX	American Stock Exchange	Index	KBWB	PowerShares KBW Bank Portfolio ETF	Opt	Electronic				0.03	USD	FRPL	0.03	0.2	USD	FRPL
AMEX	American Stock Exchange	Index	KBWB	PowerShares KBW Bank Portfolio ETF	Opt	Floor				0.03	USD	FRPL	0.03	0.2	USD	FRPL
AMEX	American Stock Exchange	Index	KOL	Market Vectors Coal ETF	Opt	Electronic				0.03	USD	FRPL	0.03	0.2	USD	FRPL
AMEX	American Stock Exchange	Index	KOL	Market Vectors Coal ETF	Opt	Floor				0.03	USD	FRPL	0.03	0.2	USD	FRPL
AMEX	American Stock Exchange	Index	KRE	SPDR S&P Regional Banking ETF	Opt	Electronic				0.03	USD	FRPL	0.03	0.2	USD	FRPL
AMEX	American Stock Exchange	Index	KRE	SPDR S&P Regional Banking ETF	Opt	Floor				0.03	USD	FRPL	0.03	0.2	USD	FRPL
AMEX	American Stock Exchange	Index	LQD	iShares iBoxx $ Investment Grade Corporate Bond Fund	Opt	Electronic				0.03	USD	FRPL	0.03	0.2	USD	FRPL
AMEX	American Stock Exchange	Index	LQD	iShares iBoxx $ Investment Grade Corporate Bond Fund	Opt	Floor				0.03	USD	FRPL	0.03	0.2	USD	FRPL
AMEX	American Stock Exchange	Index	MDY	SPDR S&P MidCap 400 ETF Trust	Opt	Electronic				0.03	USD	FRPL	0.03	0.2	USD	FRPL
AMEX	American Stock Exchange	Index	MDY	SPDR S&P MidCap 400 ETF Trust	Opt	Floor				0.03	USD	FRPL	0.03	0.2	USD	FRPL
AMEX	American Stock Exchange	Index	MNX	Mini Nasdaq 100 Index	Opt	Electronic				0.03	USD	FRPL	0.03	0.2	USD	FRPL
AMEX	American Stock Exchange	Index	MNX	Mini Nasdaq 100 Index	Opt	Floor				0.03	USD	FRPL	0.03	0.2	USD	FRPL
AMEX	American Stock Exchange	Index	MOO	Market Vectors Agribusiness ETF	Opt	Electronic				0.03	USD	FRPL	0.03	0.2	USD	FRPL
AMEX	American Stock Exchange	Index	MOO	Market Vectors Agribusiness ETF	Opt	Floor				0.03	USD	FRPL	0.03	0.2	USD	FRPL
AMEX	American Stock Exchange	Index	MUB	iShares S&P National AMT Free Municipal Bond Fund	Opt	Electronic				0.03	USD	FRPL	0.03	0.2	USD	FRPL
AMEX	American Stock Exchange	Index	MUB	iShares S&P National AMT Free Municipal Bond Fund	Opt	Floor				0.03	USD	FRPL	0.03	0.2	USD	FRPL
AMEX	American Stock Exchange	Index	NDX	Nasdaq 100 Index	Opt	Electronic				0.03	USD	FRPL	0.03	0.2	USD	FRPL
AMEX	American Stock Exchange	Index	NDX	Nasdaq 100 Index	Opt	Floor				0.03	USD	FRPL	0.03	0.2	USD	FRPL
AMEX	American Stock Exchange	Index	NUGT	Direxion Daily Gold Miners Bull 3X Shares ETF	Opt	Electronic				0.03	USD	FRPL	0.03	0.2	USD	FRPL
AMEX	American Stock Exchange	Index	NUGT	Direxion Daily Gold Miners Bull 3X Shares ETF	Opt	Floor				0.03	USD	FRPL	0.03	0.2	USD	FRPL
AMEX	American Stock Exchange	Index	OIH	Market Vectors Oil Services ETF	Opt	Electronic				0.03	USD	FRPL	0.03	0.2	USD	FRPL
AMEX	American Stock Exchange	Index	OIH	Market Vectors Oil Services ETF	Opt	Floor				0.03	USD	FRPL	0.03	0.2	USD	FRPL
AMEX	American Stock Exchange	Index	OIL	iPath S&P GSCI Crude Oil Total Return Index ETN	Opt	Electronic				0.03	USD	FRPL	0.03	0.2	USD	FRPL
AMEX	American Stock Exchange	Index	OIL	iPath S&P GSCI Crude Oil Total Return Index ETN	Opt	Floor				0.03	USD	FRPL	0.03	0.2	USD	FRPL
AMEX	American Stock Exchange	Index	PFF	iShares S&P US Preferred Stock Index Fund	Opt	Electronic				0.03	USD	FRPL	0.03	0.2	USD	FRPL
AMEX	American Stock Exchange	Index	PFF	iShares S&P US Preferred Stock Index Fund	Opt	Floor				0.03	USD	FRPL	0.03	0.2	USD	FRPL
AMEX	American Stock Exchange	Index	PGF	PowerShares Financial Preferred Portfolio	Opt	Electronic				0.03	USD	FRPL	0.03	0.2	USD	FRPL
AMEX	American Stock Exchange	Index	PGF	PowerShares Financial Preferred Portfolio	Opt	Floor				0.03	USD	FRPL	0.03	0.2	USD	FRPL
AMEX	American Stock Exchange	Index	PGJ	PowerShares Golden Dragon China	Opt	Electronic				0.03	USD	FRPL	0.03	0.2	USD	FRPL
AMEX	American Stock Exchange	Index	PGJ	PowerShares Golden Dragon China	Opt	Floor				0.03	USD	FRPL	0.03	0.2	USD	FRPL
AMEX	American Stock Exchange	Index	PST	ProShares UltraShort Lehman 7-10 Year Treasury	Opt	Electronic				0.03	USD	FRPL	0.03	0.2	USD	FRPL
AMEX	American Stock Exchange	Index	PST	ProShares UltraShort Lehman 7-10 Year Treasury	Opt	Floor				0.03	USD	FRPL	0.03	0.2	USD	FRPL
AMEX	American Stock Exchange	Index	QID	ProShares UltraShort QQQ	Opt	Electronic				0.03	USD	FRPL	0.03	0.2	USD	FRPL
AMEX	American Stock Exchange	Index	QID	ProShares UltraShort QQQ	Opt	Floor				0.03	USD	FRPL	0.03	0.2	USD	FRPL
AMEX	American Stock Exchange	Index	QLD	ProShares Ultra QQQ	Opt	Electronic				0.03	USD	FRPL	0.03	0.2	USD	FRPL
AMEX	American Stock Exchange	Index	QLD	ProShares Ultra QQQ	Opt	Floor				0.03	USD	FRPL	0.03	0.2	USD	FRPL
AMEX	American Stock Exchange	Index	QQQ	PowerShares QQQ Trust	Opt	Electronic				0.03	USD	FRPL	0.03	0.2	USD	FRPL
AMEX	American Stock Exchange	Index	QQQ	PowerShares QQQ Trust	Opt	Floor				0.03	USD	FRPL	0.03	0.2	USD	FRPL
AMEX	American Stock Exchange	Index	REM	iShares FTSE NAREIT Mortgage Plus Capped Index Fund ETF	Opt	Electronic				0.03	USD	FRPL	0.03	0.2	USD	FRPL
AMEX	American Stock Exchange	Index	REM	iShares FTSE NAREIT Mortgage Plus Capped Index Fund ETF	Opt	Floor				0.03	USD	FRPL	0.03	0.2	USD	FRPL
AMEX	American Stock Exchange	Index	REMX	Market Vectors Rare Earth/Strategic Metals ETF	Opt	Electronic				0.03	USD	FRPL	0.03	0.2	USD	FRPL
AMEX	American Stock Exchange	Index	REMX	Market Vectors Rare Earth/Strategic Metals ETF	Opt	Floor				0.03	USD	FRPL	0.03	0.2	USD	FRPL
AMEX	American Stock Exchange	Index	RSX	Market Vectors Russia ETF Trust	Opt	Electronic				0.03	USD	FRPL	0.03	0.2	USD	FRPL
AMEX	American Stock Exchange	Index	RSX	Market Vectors Russia ETF Trust	Opt	Floor				0.03	USD	FRPL	0.03	0.2	USD	FRPL
AMEX	American Stock Exchange	Index	RUT	Russell 2000 Index	Opt	Electronic				0.03	USD	FRPL	0.03	0.2	USD	FRPL

Exch Code	Exch Desc	Comm Group	Prod Code	Product Desc	F/O	Platform	Trd Fee	Trd Fee Cur	Trd Fee Meth	Clr Fee	Clr Fee Cur	Clr Fee Meth	Fee Total	Brk Fee	Brk Fee Cur	Brk Fee Meth
AMEX	American Stock Exchange	Index	RUT	Russell 2000 Index	Opt	Floor				0.03	USD	FRPL	0.03	0.2	USD	FRPL
AMEX	American Stock Exchange	Index	SCO	ProShares UltraShort DJ UBS Crude Oil	Opt	Electronic				0.03	USD	FRPL	0.03	0.2	USD	FRPL
AMEX	American Stock Exchange	Index	SCO	ProShares UltraShort DJ UBS Crude Oil	Opt	Floor				0.03	USD	FRPL	0.03	0.2	USD	FRPL
AMEX	American Stock Exchange	Index	SDS	ProShares UltraShort S&P 500	Opt	Electronic				0.03	USD	FRPL	0.03	0.2	USD	FRPL
AMEX	American Stock Exchange	Index	SDS	ProShares UltraShort S&P 500	Opt	Floor				0.03	USD	FRPL	0.03	0.2	USD	FRPL
AMEX	American Stock Exchange	Index	SDS1	ProShares UltraShort S&P 500 Adj	Opt	Electronic				0.03	USD	FRPL	0.03	0.2	USD	FRPL
AMEX	American Stock Exchange	Index	SDS1	ProShares UltraShort S&P 500 Adj	Opt	Floor				0.03	USD	FRPL	0.03	0.2	USD	FRPL
AMEX	American Stock Exchange	Index	SGOL	ETFS Physical Swiss Gold Shares ETF	Opt	Electronic				0.03	USD	FRPL	0.03	0.2	USD	FRPL
AMEX	American Stock Exchange	Index	SGOL	ETFS Physical Swiss Gold Shares ETF	Opt	Floor				0.03	USD	FRPL	0.03	0.2	USD	FRPL
AMEX	American Stock Exchange	Index	SH	ProShares Short S&P 500	Opt	Electronic				0.03	USD	FRPL	0.03	0.2	USD	FRPL
AMEX	American Stock Exchange	Index	SH	ProShares Short S&P 500	Opt	Floor				0.03	USD	FRPL	0.03	0.2	USD	FRPL
AMEX	American Stock Exchange	Index	SHY	iShares Barclays 1-3 Year Treasury Bond Fund	Opt	Electronic				0.03	USD	FRPL	0.03	0.2	USD	FRPL
AMEX	American Stock Exchange	Index	SHY	iShares Barclays 1-3 Year Treasury Bond Fund	Opt	Floor				0.03	USD	FRPL	0.03	0.2	USD	FRPL
AMEX	American Stock Exchange	Index	SIL	Global X Silver Miners ETF	Opt	Electronic				0.03	USD	FRPL	0.03	0.2	USD	FRPL
AMEX	American Stock Exchange	Index	SIL	Global X Silver Miners ETF	Opt	Floor				0.03	USD	FRPL	0.03	0.2	USD	FRPL
AMEX	American Stock Exchange	Index	SIVR	ETFS Physical Silver Shares ETF	Opt	Electronic				0.03	USD	FRPL	0.03	0.2	USD	FRPL
AMEX	American Stock Exchange	Index	SIVR	ETFS Physical Silver Shares ETF	Opt	Floor				0.03	USD	FRPL	0.03	0.2	USD	FRPL
AMEX	American Stock Exchange	Index	SKF	ProShares UltraShort Financials	Opt	Electronic				0.03	USD	FRPL	0.03	0.2	USD	FRPL
AMEX	American Stock Exchange	Index	SKF	ProShares UltraShort Financials	Opt	Floor				0.03	USD	FRPL	0.03	0.2	USD	FRPL
AMEX	American Stock Exchange	Index	SKYY	First Trust ISE Cloud Computing Index Fund	Opt	Electronic				0.03	USD	FRPL	0.03	0.2	USD	FRPL
AMEX	American Stock Exchange	Index	SKYY	First Trust ISE Cloud Computing Index Fund	Opt	Floor				0.03	USD	FRPL	0.03	0.2	USD	FRPL
AMEX	American Stock Exchange	Index	SLV	iShares Silver Trust	Opt	Electronic				0.03	USD	FRPL	0.03	0.2	USD	FRPL
AMEX	American Stock Exchange	Index	SLV	iShares Silver Trust	Opt	Floor				0.03	USD	FRPL	0.03	0.2	USD	FRPL
AMEX	American Stock Exchange	Index	SLX	Market Vectors Steel ETF	Opt	Electronic				0.03	USD	FRPL	0.03	0.2	USD	FRPL
AMEX	American Stock Exchange	Index	SLX	Market Vectors Steel ETF	Opt	Floor				0.03	USD	FRPL	0.03	0.2	USD	FRPL
AMEX	American Stock Exchange	Index	SMH	Market Vectors Semiconductor ETF	Opt	Electronic				0.03	USD	FRPL	0.03	0.2	USD	FRPL
AMEX	American Stock Exchange	Index	SMH	Market Vectors Semiconductor ETF	Opt	Floor				0.03	USD	FRPL	0.03	0.2	USD	FRPL
AMEX	American Stock Exchange	Index	SMN	ProShares UltraShort Basic Materials	Opt	Electronic				0.03	USD	FRPL	0.03	0.2	USD	FRPL
AMEX	American Stock Exchange	Index	SMN	ProShares UltraShort Basic Materials	Opt	Floor				0.03	USD	FRPL	0.03	0.2	USD	FRPL
AMEX	American Stock Exchange	Index	SMN1	ProShares UltraShort Basic Materials Adj	Opt	Electronic				0.03	USD	FRPL	0.03	0.2	USD	FRPL
AMEX	American Stock Exchange	Index	SMN1	ProShares UltraShort Basic Materials Adj	Opt	Floor				0.03	USD	FRPL	0.03	0.2	USD	FRPL
AMEX	American Stock Exchange	Index	SOXX	iShares PHLX SOX Semiconductor Sector Index Fund	Opt	Electronic				0.03	USD	FRPL	0.03	0.2	USD	FRPL
AMEX	American Stock Exchange	Index	SOXX	iShares PHLX SOX Semiconductor Sector Index Fund	Opt	Floor				0.03	USD	FRPL	0.03	0.2	USD	FRPL
AMEX	American Stock Exchange	Index	SPXL	Direxion Daily Large Cap Bull 3X Shares	Opt	Electronic				0.03	USD	FRPL	0.03	0.2	USD	FRPL
AMEX	American Stock Exchange	Index	SPXL	Direxion Daily Large Cap Bull 3X Shares	Opt	Floor				0.03	USD	FRPL	0.03	0.2	USD	FRPL
AMEX	American Stock Exchange	Index	SPXS	Direxion Daily Large Cap Bear 3X Shares	Opt	Electronic				0.03	USD	FRPL	0.03	0.2	USD	FRPL
AMEX	American Stock Exchange	Index	SPXS	Direxion Daily Large Cap Bear 3X Shares	Opt	Floor				0.03	USD	FRPL	0.03	0.2	USD	FRPL
AMEX	American Stock Exchange	Index	SPXU	ProShares UltraPro Short S&P 500	Opt	Electronic				0.03	USD	FRPL	0.03	0.2	USD	FRPL
AMEX	American Stock Exchange	Index	SPXU	ProShares UltraPro Short S&P 500	Opt	Floor				0.03	USD	FRPL	0.03	0.2	USD	FRPL
AMEX	American Stock Exchange	Index	SPXU1	ProShares UltraPro Short S&P 500 Adj	Opt	Electronic				0.03	USD	FRPL	0.03	0.2	USD	FRPL
AMEX	American Stock Exchange	Index	SPXU1	ProShares UltraPro Short S&P 500 Adj	Opt	Floor				0.03	USD	FRPL	0.03	0.2	USD	FRPL
AMEX	American Stock Exchange	Index	SPY	SPDR S&P 500 ETF Trust	Opt	Electronic				0.03	USD	FRPL	0.03	0.2	USD	FRPL
AMEX	American Stock Exchange	Index	SPY	SPDR S&P 500 ETF Trust	Opt	Floor				0.03	USD	FRPL	0.03	0.2	USD	FRPL
AMEX	American Stock Exchange	Index	SQQQ	ProShares Ultra Pro Short QQQ	Opt	Electronic				0.03	USD	FRPL	0.03	0.2	USD	FRPL
AMEX	American Stock Exchange	Index	SQQQ	ProShares Ultra Pro Short QQQ	Opt	Floor				0.03	USD	FRPL	0.03	0.2	USD	FRPL
AMEX	American Stock Exchange	Index	SRS	ProShares UltraShort Real Estate	Opt	Electronic				0.03	USD	FRPL	0.03	0.2	USD	FRPL
AMEX	American Stock Exchange	Index	SRS	ProShares UltraShort Real Estate	Opt	Floor				0.03	USD	FRPL	0.03	0.2	USD	FRPL
AMEX	American Stock Exchange	Index	SRS2	ProShares UltraShort Real Estate Adj	Opt	Electronic				0.03	USD	FRPL	0.03	0.2	USD	FRPL
AMEX	American Stock Exchange	Index	SRS2	ProShares UltraShort Real Estate Adj	Opt	Floor				0.03	USD	FRPL	0.03	0.2	USD	FRPL
AMEX	American Stock Exchange	Index	SSO	ProShares Ultra S&P 500	Opt	Electronic				0.03	USD	FRPL	0.03	0.2	USD	FRPL
AMEX	American Stock Exchange	Index	SSO	ProShares Ultra S&P 500	Opt	Floor				0.03	USD	FRPL	0.03	0.2	USD	FRPL
AMEX	American Stock Exchange	Index	SVXY	ProShares Short VIX Short-Term	Opt	Electronic				0.03	USD	FRPL	0.03	0.2	USD	FRPL
AMEX	American Stock Exchange	Index	SVXY	ProShares Short VIX Short-Term	Opt	Floor				0.03	USD	FRPL	0.03	0.2	USD	FRPL
AMEX	American Stock Exchange	Index	TBT	ProShares UltraShort 20+ Year Treasury	Opt	Electronic				0.03	USD	FRPL	0.03	0.2	USD	FRPL
AMEX	American Stock Exchange	Index	TBT	ProShares UltraShort 20+ Year Treasury	Opt	Floor				0.03	USD	FRPL	0.03	0.2	USD	FRPL
AMEX	American Stock Exchange	Index	TBT1	ProShares UltraShort 20+ Year Treasury Adj	Opt	Electronic				0.03	USD	FRPL	0.03	0.2	USD	FRPL
AMEX	American Stock Exchange	Index	TBT1	ProShares UltraShort 20+ Year Treasury Adj	Opt	Floor				0.03	USD	FRPL	0.03	0.2	USD	FRPL
AMEX	American Stock Exchange	Index	TECL	Direxion Daily Technology Bull 3X Shares	Opt	Electronic				0.03	USD	FRPL	0.03	0.2	USD	FRPL
AMEX	American Stock Exchange	Index	TECL	Direxion Daily Technology Bull 3X Shares	Opt	Floor				0.03	USD	FRPL	0.03	0.2	USD	FRPL

Exch Code	Exch Desc	Comm Group	Prod Code	Product Desc	F/O	Platform	Trd Fee	Trd Fee Cur	Trd Fee Meth	Clr Fee	Clr Fee Cur	Clr Fee Meth	Fee Total	Brk Fee	Brk Fee Cur	Brk Fee Meth
AMEX	American Stock Exchange	Index	TECS	Direxion Daily Technology Bear 3X Shares	Opt	Electronic				0.03	USD	FRPL	0.03	0.2	USD	FRPL
AMEX	American Stock Exchange	Index	TECS	Direxion Daily Technology Bear 3X Shares	Opt	Floor				0.03	USD	FRPL	0.03	0.2	USD	FRPL
AMEX	American Stock Exchange	Index	TIP	iShares Barclays TIPS Bond Fund	Opt	Electronic				0.03	USD	FRPL	0.03	0.2	USD	FRPL
AMEX	American Stock Exchange	Index	TIP	iShares Barclays TIPS Bond Fund	Opt	Floor				0.03	USD	FRPL	0.03	0.2	USD	FRPL
AMEX	American Stock Exchange	Index	TLT	iShares Barclays 20+ Year Treasury Bond Fund	Opt	Electronic				0.03	USD	FRPL	0.03	0.2	USD	FRPL
AMEX	American Stock Exchange	Index	TLT	iShares Barclays 20+ Year Treasury Bond Fund	Opt	Floor				0.03	USD	FRPL	0.03	0.2	USD	FRPL
AMEX	American Stock Exchange	Index	TMF	Direxion Daily 20 Year Treasury Bull 3X Shares	Opt	Electronic				0.03	USD	FRPL	0.03	0.2	USD	FRPL
AMEX	American Stock Exchange	Index	TMF	Direxion Daily 20 Year Treasury Bull 3X Shares	Opt	Floor				0.03	USD	FRPL	0.03	0.2	USD	FRPL
AMEX	American Stock Exchange	Index	TMV	Direxion Daily 20 Year Treasury Bear 3X Shares	Opt	Electronic				0.03	USD	FRPL	0.03	0.2	USD	FRPL
AMEX	American Stock Exchange	Index	TMV	Direxion Daily 20 Year Treasury Bear 3X Shares	Opt	Floor				0.03	USD	FRPL	0.03	0.2	USD	FRPL
AMEX	American Stock Exchange	Index	TNA	Direxion Daily Small Cap Bull 3X Shares	Opt	Electronic				0.03	USD	FRPL	0.03	0.2	USD	FRPL
AMEX	American Stock Exchange	Index	TNA	Direxion Daily Small Cap Bull 3X Shares	Opt	Floor				0.03	USD	FRPL	0.03	0.2	USD	FRPL
AMEX	American Stock Exchange	Index	TQQQ	ProShares Ultra Pro QQQ	Opt	Electronic				0.03	USD	FRPL	0.03	0.2	USD	FRPL
AMEX	American Stock Exchange	Index	TQQQ	ProShares Ultra Pro QQQ	Opt	Floor				0.03	USD	FRPL	0.03	0.2	USD	FRPL
AMEX	American Stock Exchange	Index	TWM	ProShares UltraShort Russell 2000	Opt	Electronic				0.03	USD	FRPL	0.03	0.2	USD	FRPL
AMEX	American Stock Exchange	Index	TWM	ProShares UltraShort Russell 2000	Opt	Floor				0.03	USD	FRPL	0.03	0.2	USD	FRPL
AMEX	American Stock Exchange	Index	TZA	Direxion Daily Small Cap Bear 3X Shares	Opt	Electronic				0.03	USD	FRPL	0.03	0.2	USD	FRPL
AMEX	American Stock Exchange	Index	TZA	Direxion Daily Small Cap Bear 3X Shares	Opt	Floor				0.03	USD	FRPL	0.03	0.2	USD	FRPL
AMEX	American Stock Exchange	Index	UBT	ProShares Ultra 20+ Year Treasury	Opt	Electronic				0.03	USD	FRPL	0.03	0.2	USD	FRPL
AMEX	American Stock Exchange	Index	UBT	ProShares Ultra 20+ Year Treasury	Opt	Floor				0.03	USD	FRPL	0.03	0.2	USD	FRPL
AMEX	American Stock Exchange	Index	UCO	ProShares Ultra DJ UBS Crude Oil	Opt	Electronic				0.03	USD	FRPL	0.03	0.2	USD	FRPL
AMEX	American Stock Exchange	Index	UCO	ProShares Ultra DJ UBS Crude Oil	Opt	Floor				0.03	USD	FRPL	0.03	0.2	USD	FRPL
AMEX	American Stock Exchange	Index	UDN	PowerShares DB US Dollar Index Bearish Fund	Opt	Electronic				0.03	USD	FRPL	0.03	0.2	USD	FRPL
AMEX	American Stock Exchange	Index	UDN	PowerShares DB US Dollar Index Bearish Fund	Opt	Floor				0.03	USD	FRPL	0.03	0.2	USD	FRPL
AMEX	American Stock Exchange	Index	UGA	United States Gasoline Fund LP	Opt	Electronic				0.03	USD	FRPL	0.03	0.2	USD	FRPL
AMEX	American Stock Exchange	Index	UGA	United States Gasoline Fund LP	Opt	Floor				0.03	USD	FRPL	0.03	0.2	USD	FRPL
AMEX	American Stock Exchange	Index	UGL	ProShares Ultra Gold	Opt	Electronic				0.03	USD	FRPL	0.03	0.2	USD	FRPL
AMEX	American Stock Exchange	Index	UGL	ProShares Ultra Gold	Opt	Floor				0.03	USD	FRPL	0.03	0.2	USD	FRPL
AMEX	American Stock Exchange	Index	UNG	United States Natural Gas Fund	Opt	Electronic				0.03	USD	FRPL	0.03	0.2	USD	FRPL
AMEX	American Stock Exchange	Index	UNG	United States Natural Gas Fund	Opt	Floor				0.03	USD	FRPL	0.03	0.2	USD	FRPL
AMEX	American Stock Exchange	Index	UNG2	United States Natural Gas Fund Adj	Opt	Electronic				0.03	USD	FRPL	0.03	0.2	USD	FRPL
AMEX	American Stock Exchange	Index	UNG2	United States Natural Gas Fund Adj	Opt	Floor				0.03	USD	FRPL	0.03	0.2	USD	FRPL
AMEX	American Stock Exchange	Index	UNL	United States 12 Month Natural Gas Fund LP ETF	Opt	Electronic				0.03	USD	FRPL	0.03	0.2	USD	FRPL
AMEX	American Stock Exchange	Index	UNL	United States 12 Month Natural Gas Fund LP ETF	Opt	Floor				0.03	USD	FRPL	0.03	0.2	USD	FRPL
AMEX	American Stock Exchange	Index	UPRO	ProShares UltraPro S&P 500	Opt	Electronic				0.03	USD	FRPL	0.03	0.2	USD	FRPL
AMEX	American Stock Exchange	Index	UPRO	ProShares UltraPro S&P 500	Opt	Floor				0.03	USD	FRPL	0.03	0.2	USD	FRPL
AMEX	American Stock Exchange	Index	URA	Global X Uranium ETF	Opt	Electronic				0.03	USD	FRPL	0.03	0.2	USD	FRPL
AMEX	American Stock Exchange	Index	URA	Global X Uranium ETF	Opt	Floor				0.03	USD	FRPL	0.03	0.2	USD	FRPL
AMEX	American Stock Exchange	Index	URE	ProShares UltraShort Real Estate	Opt	Electronic				0.03	USD	FRPL	0.03	0.2	USD	FRPL
AMEX	American Stock Exchange	Index	URE	ProShares UltraShort Real Estate	Opt	Floor				0.03	USD	FRPL	0.03	0.2	USD	FRPL
AMEX	American Stock Exchange	Index	USO	United States Oil Fund	Opt	Electronic				0.03	USD	FRPL	0.03	0.2	USD	FRPL
AMEX	American Stock Exchange	Index	USO	United States Oil Fund	Opt	Floor				0.03	USD	FRPL	0.03	0.2	USD	FRPL
AMEX	American Stock Exchange	Index	UUP	PowerShares DB US Dollar Index Bullish Fund	Opt	Electronic				0.03	USD	FRPL	0.03	0.2	USD	FRPL
AMEX	American Stock Exchange	Index	UUP	PowerShares DB US Dollar Index Bullish Fund	Opt	Floor				0.03	USD	FRPL	0.03	0.2	USD	FRPL
AMEX	American Stock Exchange	Index	UVXY	ProShares Ultra VIX Short-Term	Opt	Electronic				0.03	USD	FRPL	0.03	0.2	USD	FRPL
AMEX	American Stock Exchange	Index	UVXY	ProShares Ultra VIX Short-Term	Opt	Floor				0.03	USD	FRPL	0.03	0.2	USD	FRPL
AMEX	American Stock Exchange	Index	UVXY1	ProShares Ultra VIX Short-Term Adj	Opt	Electronic				0.03	USD	FRPL	0.03	0.2	USD	FRPL
AMEX	American Stock Exchange	Index	UVXY1	ProShares Ultra VIX Short-Term Adj	Opt	Floor				0.03	USD	FRPL	0.03	0.2	USD	FRPL
AMEX	American Stock Exchange	Index	UWM	ProShares Ultra Russell2000	Opt	Electronic				0.03	USD	FRPL	0.03	0.2	USD	FRPL
AMEX	American Stock Exchange	Index	UWM	ProShares Ultra Russell2000	Opt	Floor				0.03	USD	FRPL	0.03	0.2	USD	FRPL
AMEX	American Stock Exchange	Index	UYG	ProShares Ultra Financials	Opt	Electronic				0.03	USD	FRPL	0.03	0.2	USD	FRPL
AMEX	American Stock Exchange	Index	UYG	ProShares Ultra Financials	Opt	Floor				0.03	USD	FRPL	0.03	0.2	USD	FRPL
AMEX	American Stock Exchange	Index	UYM	ProShares Ultra Basic Materials	Opt	Electronic				0.03	USD	FRPL	0.03	0.2	USD	FRPL
AMEX	American Stock Exchange	Index	UYM	ProShares Ultra Basic Materials	Opt	Floor				0.03	USD	FRPL	0.03	0.2	USD	FRPL
AMEX	American Stock Exchange	Index	VGK	Vanguard MSCI Europe ETF	Opt	Electronic				0.03	USD	FRPL	0.03	0.2	USD	FRPL
AMEX	American Stock Exchange	Index	VGK	Vanguard MSCI Europe ETF	Opt	Floor				0.03	USD	FRPL	0.03	0.2	USD	FRPL
AMEX	American Stock Exchange	Index	VIG	Vanguard Dividend Appreciation ETF	Opt	Electronic				0.03	USD	FRPL	0.03	0.2	USD	FRPL
AMEX	American Stock Exchange	Index	VIG	Vanguard Dividend Appreciation ETF	Opt	Floor				0.03	USD	FRPL	0.03	0.2	USD	FRPL
AMEX	American Stock Exchange	Index	VIXY	ProShares VIX Short-Term Futures ETF	Opt	Electronic				0.03	USD	FRPL	0.03	0.2	USD	FRPL

Exch Code	Exch Desc	Comm Group	Prod Code	Product Desc	F/O	Platform	Trd Fee	Trd Fee Cur	Trd Fee Meth	Clr Fee	Clr Fee Cur	Clr Fee Meth	Fee Total	Brk Fee	Brk Fee Cur	Brk Fee Meth
AMEX	American Stock Exchange	Index	VIXY	ProShares VIX Short-Term Futures ETF	Opt	Floor				0.03	USD	FRPL	0.03	0.2	USD	FRPL
AMEX	American Stock Exchange	Index	VTI	Vanguard Total Stock Market ETF	Opt	Electronic				0.03	USD	FRPL	0.03	0.2	USD	FRPL
AMEX	American Stock Exchange	Index	VTI	Vanguard Total Stock Market ETF	Opt	Floor				0.03	USD	FRPL	0.03	0.2	USD	FRPL
AMEX	American Stock Exchange	Index	VWO	Vanguard FTSE Emerging Markets ETF	Opt	Electronic				0.03	USD	FRPL	0.03	0.2	USD	FRPL
AMEX	American Stock Exchange	Index	VWO	Vanguard FTSE Emerging Markets ETF	Opt	Floor				0.03	USD	FRPL	0.03	0.2	USD	FRPL
AMEX	American Stock Exchange	Index	VXX	iPATH S&P 500 VIX Short-Term ETN	Opt	Electronic				0.03	USD	FRPL	0.03	0.2	USD	FRPL
AMEX	American Stock Exchange	Index	VXX	iPATH S&P 500 VIX Short-Term ETN	Opt	Floor				0.03	USD	FRPL	0.03	0.2	USD	FRPL
AMEX	American Stock Exchange	Index	VXX1	iPATH S&P 500 VIX Short-Term ETN Adj	Opt	Electronic				0.03	USD	FRPL	0.03	0.2	USD	FRPL
AMEX	American Stock Exchange	Index	VXX1	iPATH S&P 500 VIX Short-Term ETN Adj	Opt	Floor				0.03	USD	FRPL	0.03	0.2	USD	FRPL
AMEX	American Stock Exchange	Index	VXZ	iPATH S&P 500 VIX Mid-Term ETN	Opt	Electronic				0.03	USD	FRPL	0.03	0.2	USD	FRPL
AMEX	American Stock Exchange	Index	VXZ	iPATH S&P 500 VIX Mid-Term ETN	Opt	Floor				0.03	USD	FRPL	0.03	0.2	USD	FRPL
AMEX	American Stock Exchange	Index	XHB	SPDR S&P Homebuilders ETF	Opt	Electronic				0.03	USD	FRPL	0.03	0.2	USD	FRPL
AMEX	American Stock Exchange	Index	XHB	SPDR S&P Homebuilders ETF	Opt	Floor				0.03	USD	FRPL	0.03	0.2	USD	FRPL
AMEX	American Stock Exchange	Index	XLB	Materials Select Sector SPDR	Opt	Electronic				0.03	USD	FRPL	0.03	0.2	USD	FRPL
AMEX	American Stock Exchange	Index	XLB	Materials Select Sector SPDR	Opt	Floor				0.03	USD	FRPL	0.03	0.2	USD	FRPL
AMEX	American Stock Exchange	Index	XLE	Energy Select Sector SPDR	Opt	Electronic				0.03	USD	FRPL	0.03	0.2	USD	FRPL
AMEX	American Stock Exchange	Index	XLE	Energy Select Sector SPDR	Opt	Floor				0.03	USD	FRPL	0.03	0.2	USD	FRPL
AMEX	American Stock Exchange	Index	XLF	Financial Select Sector SPDR	Opt	Electronic				0.03	USD	FRPL	0.03	0.2	USD	FRPL
AMEX	American Stock Exchange	Index	XLF	Financial Select Sector SPDR	Opt	Floor				0.03	USD	FRPL	0.03	0.2	USD	FRPL
AMEX	American Stock Exchange	Index	XLI	Industrial Select Sector SPDR	Opt	Electronic				0.03	USD	FRPL	0.03	0.2	USD	FRPL
AMEX	American Stock Exchange	Index	XLI	Industrial Select Sector SPDR	Opt	Floor				0.03	USD	FRPL	0.03	0.2	USD	FRPL
AMEX	American Stock Exchange	Index	XLK	Technology Select Sector SPDR	Opt	Electronic				0.03	USD	FRPL	0.03	0.2	USD	FRPL
AMEX	American Stock Exchange	Index	XLK	Technology Select Sector SPDR	Opt	Floor				0.03	USD	FRPL	0.03	0.2	USD	FRPL
AMEX	American Stock Exchange	Index	XLP	Consumer Staples Select Sector SPDR	Opt	Electronic				0.03	USD	FRPL	0.03	0.2	USD	FRPL
AMEX	American Stock Exchange	Index	XLP	Consumer Staples Select Sector SPDR	Opt	Floor				0.03	USD	FRPL	0.03	0.2	USD	FRPL
AMEX	American Stock Exchange	Index	XLU	Utilities Select Sector SPDR	Opt	Electronic				0.03	USD	FRPL	0.03	0.2	USD	FRPL
AMEX	American Stock Exchange	Index	XLU	Utilities Select Sector SPDR	Opt	Floor				0.03	USD	FRPL	0.03	0.2	USD	FRPL
AMEX	American Stock Exchange	Index	XLV	Health Care Select Sector SPDR	Opt	Electronic				0.03	USD	FRPL	0.03	0.2	USD	FRPL
AMEX	American Stock Exchange	Index	XLV	Health Care Select Sector SPDR	Opt	Floor				0.03	USD	FRPL	0.03	0.2	USD	FRPL
AMEX	American Stock Exchange	Index	XLY	Consumer Discretionary Select Sector SPDR	Opt	Electronic				0.03	USD	FRPL	0.03	0.2	USD	FRPL
AMEX	American Stock Exchange	Index	XLY	Consumer Discretionary Select Sector SPDR	Opt	Floor				0.03	USD	FRPL	0.03	0.2	USD	FRPL
AMEX	American Stock Exchange	Index	XME	SPDR S&P Metals & Mining ETF	Opt	Electronic				0.03	USD	FRPL	0.03	0.2	USD	FRPL
AMEX	American Stock Exchange	Index	XME	SPDR S&P Metals & Mining ETF	Opt	Floor				0.03	USD	FRPL	0.03	0.2	USD	FRPL
AMEX	American Stock Exchange	Index	XOP	SPDR S&P Oil & Gas Exploration & Production ETF	Opt	Electronic				0.03	USD	FRPL	0.03	0.2	USD	FRPL
AMEX	American Stock Exchange	Index	XOP	SPDR S&P Oil & Gas Exploration & Production ETF	Opt	Floor				0.03	USD	FRPL	0.03	0.2	USD	FRPL
AMEX	American Stock Exchange	Index	XRT	SPDR S&P Retail ETF	Opt	Electronic				0.03	USD	FRPL	0.03	0.2	USD	FRPL
AMEX	American Stock Exchange	Index	XRT	SPDR S&P Retail ETF	Opt	Floor				0.03	USD	FRPL	0.03	0.2	USD	FRPL
AMEX	American Stock Exchange	Index	YCS	ProShares UltraShort Yen	Opt	Electronic				0.03	USD	FRPL	0.03	0.2	USD	FRPL
AMEX	American Stock Exchange	Index	YCS	ProShares UltraShort Yen	Opt	Floor				0.03	USD	FRPL	0.03	0.2	USD	FRPL
AMEX	American Stock Exchange	Index	ZSL	ProShares UltraShort Silver	Opt	Electronic				0.03	USD	FRPL	0.03	0.2	USD	FRPL
AMEX	American Stock Exchange	Index	ZSL	ProShares UltraShort Silver	Opt	Floor				0.03	USD	FRPL	0.03	0.2	USD	FRPL
AMEX	American Stock Exchange	Index	ZSL1	ProShares UltraShort Silver Adj	Opt	Electronic				0.03	USD	FRPL	0.03	0.2	USD	FRPL
AMEX	American Stock Exchange	Index	ZSL1	ProShares UltraShort Silver Adj	Opt	Floor				0.03	USD	FRPL	0.03	0.2	USD	FRPL
CBOT	Chicago Board of Trade	Agri	6	Soybean Meal	Fut	Electronic	1.75	USD	FRPL	0.06	USD	FRPL	1.81	0.2	USD	FRPL
CBOT	Chicago Board of Trade	Agri	6	Soybean Meal	Fut	Floor	0.6	USD	FRPL	0.06	USD	FRPL	0.66	0.2	USD	FRPL
CBOT	Chicago Board of Trade	Agri	6	Soybean Meal	Opt	Electronic	1.75	USD	FRPL	0.06	USD	FRPL	1.81	0.2	USD	FRPL
CBOT	Chicago Board of Trade	Agri	6	Soybean Meal	Opt	Floor	0.6	USD	FRPL	0.06	USD	FRPL	0.66	0.2	USD	FRPL
CBOT	Chicago Board of Trade	Agri	7	Soybean Oil	Fut	Electronic	1.75	USD	FRPL	0.06	USD	FRPL	1.81	0.2	USD	FRPL
CBOT	Chicago Board of Trade	Agri	7	Soybean Oil	Fut	Floor	0.6	USD	FRPL	0.06	USD	FRPL	0.66	0.2	USD	FRPL
CBOT	Chicago Board of Trade	Agri	7	Soybean Oil	Opt	Electronic	1.75	USD	FRPL	0.06	USD	FRPL	1.81	0.2	USD	FRPL
CBOT	Chicago Board of Trade	Agri	7	Soybean Oil	Opt	Floor	0.6	USD	FRPL	0.06	USD	FRPL	0.66	0.2	USD	FRPL
CBOT	Chicago Board of Trade	Index	11	Dow Jones Industrial Average	Fut	Electronic	0.9	USD	FRPL	0.06	USD	FRPL	0.96	0.2	USD	FRPL
CBOT	Chicago Board of Trade	Index	11	Dow Jones Industrial Average	Fut	Floor	0.3	USD	FRPL	0.06	USD	FRPL	0.36	0.2	USD	FRPL
CBOT	Chicago Board of Trade	Index	11	Dow Jones Industrial Average	Opt	Electronic	0.9	USD	FRPL	0.06	USD	FRPL	0.96	0.2	USD	FRPL
CBOT	Chicago Board of Trade	Index	11	Dow Jones Industrial Average	Opt	Floor	0.5	USD	FRPL	0.06	USD	FRPL	0.56	0.2	USD	FRPL
CBOT	Chicago Board of Trade	Agri	14	Rough Rice	Fut	Electronic	1.75	USD	FRPL	0.06	USD	FRPL	1.81	0.2	USD	FRPL
CBOT	Chicago Board of Trade	Agri	14	Rough Rice	Fut	Floor	0.6	USD	FRPL	0.06	USD	FRPL	0.66	0.2	USD	FRPL
CBOT	Chicago Board of Trade	Agri	14	Rough Rice	Opt	Electronic	1.75	USD	FRPL	0.06	USD	FRPL	1.81	0.2	USD	FRPL
CBOT	Chicago Board of Trade	Agri	14	Rough Rice	Opt	Floor	0.6	USD	FRPL	0.06	USD	FRPL	0.66	0.2	USD	FRPL

Exch Code	Exch Desc	Comm Group	Prod Code	Product Desc	F/O	Platform	Trd Fee	Trd Fee Cur	Trd Fee Meth	Clr Fee	Clr Fee Cur	Clr Fee Meth	Fee Total	Brk Fee	Brk Fee Cur	Brk Fee Meth
CBOT	Chicago Board of Trade	Int Rate	17	30 year US Treasury Bonds	Fut	Electronic	0.5	USD	FRPL	0.06	USD	FRPL	0.56	0.2	USD	FRPL
CBOT	Chicago Board of Trade	Int Rate	17	30 year US Treasury Bonds	Fut	Floor	0.4	USD	FRPL	0.06	USD	FRPL	0.46	0.2	USD	FRPL
CBOT	Chicago Board of Trade	Int Rate	17	30 year US Treasury Bonds	Opt	Electronic	0.75	USD	FRPL	0.06	USD	FRPL	0.81	0.2	USD	FRPL
CBOT	Chicago Board of Trade	Int Rate	17	30 year US Treasury Bonds	Opt	Floor	0.5	USD	FRPL	0.06	USD	FRPL	0.56	0.2	USD	FRPL
CBOT	Chicago Board of Trade	Int Rate	21	10 year US Treasury Notes	Fut	Electronic	0.5	USD	FRPL	0.06	USD	FRPL	0.56	0.2	USD	FRPL
CBOT	Chicago Board of Trade	Int Rate	21	10 year US Treasury Notes	Fut	Floor	0.4	USD	FRPL	0.06	USD	FRPL	0.46	0.2	USD	FRPL
CBOT	Chicago Board of Trade	Int Rate	21	10 year US Treasury Notes	Opt	Electronic	0.75	USD	FRPL	0.06	USD	FRPL	0.81	0.2	USD	FRPL
CBOT	Chicago Board of Trade	Int Rate	21	10 year US Treasury Notes	Opt	Floor	0.5	USD	FRPL	0.06	USD	FRPL	0.56	0.2	USD	FRPL
CBOT	Chicago Board of Trade	Int Rate	25	5 year US Treasury Notes	Fut	Electronic	0.5	USD	FRPL	0.06	USD	FRPL	0.56	0.2	USD	FRPL
CBOT	Chicago Board of Trade	Int Rate	25	5 year US Treasury Notes	Fut	Floor	0.4	USD	FRPL	0.06	USD	FRPL	0.46	0.2	USD	FRPL
CBOT	Chicago Board of Trade	Int Rate	25	5 year US Treasury Notes	Opt	Electronic	0.75	USD	FRPL	0.06	USD	FRPL	0.81	0.2	USD	FRPL
CBOT	Chicago Board of Trade	Int Rate	25	5 year US Treasury Notes	Opt	Floor	0.5	USD	FRPL	0.06	USD	FRPL	0.56	0.2	USD	FRPL
CBOT	Chicago Board of Trade	Int Rate	26	2 year US Treasury Notes	Fut	Electronic	0.5	USD	FRPL	0.06	USD	FRPL	0.56	0.2	USD	FRPL
CBOT	Chicago Board of Trade	Int Rate	26	2 year US Treasury Notes	Fut	Floor	0.4	USD	FRPL	0.06	USD	FRPL	0.46	0.2	USD	FRPL
CBOT	Chicago Board of Trade	Int Rate	26	2 year US Treasury Notes	Opt	Electronic	0.75	USD	FRPL	0.06	USD	FRPL	0.81	0.2	USD	FRPL
CBOT	Chicago Board of Trade	Int Rate	26	2 year US Treasury Notes	Opt	Floor	0.5	USD	FRPL	0.06	USD	FRPL	0.56	0.2	USD	FRPL
CBOT	Chicago Board of Trade	Agri	31	Soybean Crush	Fut	Floor	6	USD	FRPL	0.06	USD	FRPL	6.06	0.2	USD	FRPL
CBOT	Chicago Board of Trade	Agri	31	Soybean Crush	Opt	Floor	6	USD	FRPL	0.06	USD	FRPL	6.06	0.2	USD	FRPL
CBOT	Chicago Board of Trade	Int Rate	3YR	3 year US Treasury Notes	Fut	Electronic	0.5	USD	FRPL	0.06	USD	FRPL	0.56	0.2	USD	FRPL
CBOT	Chicago Board of Trade	Int Rate	3YR	3 year US Treasury Notes	Fut	Floor	0.4	USD	FRPL	0.06	USD	FRPL	0.46	0.2	USD	FRPL
CBOT	Chicago Board of Trade	Int Rate	41	30 day Federal Funds	Fut	Electronic	0.9	USD	FRPL	0.06	USD	FRPL	0.96	0.2	USD	FRPL
CBOT	Chicago Board of Trade	Int Rate	41	30 day Federal Funds	Fut	Floor	0.3	USD	FRPL	0.06	USD	FRPL	0.36	0.2	USD	FRPL
CBOT	Chicago Board of Trade	Int Rate	41	30 day Federal Funds	Opt	Electronic	0.9	USD	FRPL	0.06	USD	FRPL	0.96	0.2	USD	FRPL
CBOT	Chicago Board of Trade	Int Rate	41	30 day Federal Funds	Opt	Floor	0.5	USD	FRPL	0.06	USD	FRPL	0.56	0.2	USD	FRPL
CBOT	Chicago Board of Trade	Int Rate	52	30 year US Treasury Bonds Flexible American	Opt	Electronic	0.75	USD	FRPL	0.06	USD	FRPL	0.81	0.2	USD	FRPL
CBOT	Chicago Board of Trade	Int Rate	52	30 year US Treasury Bonds Flexible American	Opt	Floor	0.5	USD	FRPL	0.06	USD	FRPL	0.56	0.2	USD	FRPL
CBOT	Chicago Board of Trade	Int Rate	53	30 year US Treasury Bonds Flexible European	Opt	Electronic	0.75	USD	FRPL	0.06	USD	FRPL	0.81	0.2	USD	FRPL
CBOT	Chicago Board of Trade	Int Rate	53	30 year US Treasury Bonds Flexible European	Opt	Floor	0.5	USD	FRPL	0.06	USD	FRPL	0.56	0.2	USD	FRPL
CBOT	Chicago Board of Trade	Int Rate	54	10 year US Treasury Notes Flexible American	Opt	Electronic	0.75	USD	FRPL	0.06	USD	FRPL	0.81	0.2	USD	FRPL
CBOT	Chicago Board of Trade	Int Rate	54	10 year US Treasury Notes Flexible American	Opt	Floor	0.5	USD	FRPL	0.06	USD	FRPL	0.56	0.2	USD	FRPL
CBOT	Chicago Board of Trade	Int Rate	55	10 year US Treasury Notes Flexible European	Opt	Electronic	0.75	USD	FRPL	0.06	USD	FRPL	0.81	0.2	USD	FRPL
CBOT	Chicago Board of Trade	Int Rate	55	10 year US Treasury Notes Flexible European	Opt	Floor	0.5	USD	FRPL	0.06	USD	FRPL	0.56	0.2	USD	FRPL
CBOT	Chicago Board of Trade	Int Rate	57	5 year US Treasury Notes Flexible European	Opt	Electronic	0.75	USD	FRPL	0.06	USD	FRPL	0.81	0.2	USD	FRPL
CBOT	Chicago Board of Trade	Int Rate	57	5 year US Treasury Notes Flexible European	Opt	Floor	0.5	USD	FRPL	0.06	USD	FRPL	0.56	0.2	USD	FRPL
CBOT	Chicago Board of Trade	Int Rate	58	2 year US Treasury Notes Flexible American	Opt	Electronic	0.75	USD	FRPL	0.06	USD	FRPL	0.81	0.2	USD	FRPL
CBOT	Chicago Board of Trade	Int Rate	58	2 year US Treasury Notes Flexible American	Opt	Floor	0.5	USD	FRPL	0.06	USD	FRPL	0.56	0.2	USD	FRPL
CBOT	Chicago Board of Trade	Int Rate	59	2 year US Treasury Notes Flexible European	Opt	Electronic	0.75	USD	FRPL	0.06	USD	FRPL	0.81	0.2	USD	FRPL
CBOT	Chicago Board of Trade	Int Rate	59	2 year US Treasury Notes Flexible European	Opt	Floor	0.5	USD	FRPL	0.06	USD	FRPL	0.56	0.2	USD	FRPL
CBOT	Chicago Board of Trade	Int Rate	60	5 year US Treasury Notes Flexible American	Opt	Electronic	0.75	USD	FRPL	0.06	USD	FRPL	0.81	0.2	USD	FRPL
CBOT	Chicago Board of Trade	Int Rate	60	5 year US Treasury Notes Flexible American	Opt	Floor	0.5	USD	FRPL	0.06	USD	FRPL	0.56	0.2	USD	FRPL
CBOT	Chicago Board of Trade	Int Rate	66	10 year Interest Rate Swap	Fut	Electronic	0.9	USD	FRPL	0.06	USD	FRPL	0.96	0.2	USD	FRPL
CBOT	Chicago Board of Trade	Int Rate	66	10 year Interest Rate Swap	Fut	Floor	0.3	USD	FRPL	0.06	USD	FRPL	0.36	0.2	USD	FRPL
CBOT	Chicago Board of Trade	Index	70	DJ UBS Commodity Index	Fut	Electronic				0.06	USD	FRPL	0.06	0.2	USD	FRPL
CBOT	Chicago Board of Trade	Int Rate	7I	7 Year Interest Rate Swap	Fut	Electronic	0.9	USD	FRPL	0.06	USD	FRPL	0.96	0.2	USD	FRPL
CBOT	Chicago Board of Trade	Int Rate	7I	7 Year Interest Rate Swap	Fut	Floor	0.3	USD	FRPL	0.06	USD	FRPL	0.36	0.2	USD	FRPL
CBOT	Chicago Board of Trade	Int Rate	7IO	7 year Interest Rate Swap	Opt	Electronic	0.9	USD	FRPL	0.06	USD	FRPL	0.96	0.2	USD	FRPL
CBOT	Chicago Board of Trade	Int Rate	7IO	7 year Interest Rate Swap	Opt	Floor	0.5	USD	FRPL	0.06	USD	FRPL	0.56	0.2	USD	FRPL
CBOT	Chicago Board of Trade	Agri	8CC	Corn Dec-Jul Calendar Spread	Opt	Electronic	3.5	USD	FRPL	0.06	USD	FRPL	3.56	0.2	USD	FRPL
CBOT	Chicago Board of Trade	Agri	8CC	Corn Dec-Jul Calendar Spread	Opt	Floor	1.2	USD	FRPL	0.06	USD	FRPL	1.26	0.2	USD	FRPL
CBOT	Chicago Board of Trade	Int Rate	97	Ultra Long-Term US Treasury Bond Flexible American	Opt	Electronic	0.75	USD	FRPL	0.06	USD	FRPL	0.81	0.2	USD	FRPL
CBOT	Chicago Board of Trade	Int Rate	97	Ultra Long-Term US Treasury Bond Flexible American	Opt	Floor	0.5	USD	FRPL	0.06	USD	FRPL	0.56	0.2	USD	FRPL
CBOT	Chicago Board of Trade	Int Rate	98	Ultra Long-Term US Treasury Bond Flexible European	Opt	Electronic	0.75	USD	FRPL	0.06	USD	FRPL	0.81	0.2	USD	FRPL
CBOT	Chicago Board of Trade	Int Rate	98	Ultra Long-Term US Treasury Bond Flexible European	Opt	Floor	0.5	USD	FRPL	0.06	USD	FRPL	0.56	0.2	USD	FRPL
CBOT	Chicago Board of Trade	Int Rate	B1U	30 Year Interest Rate Swap (Initial Contract)	Fut	Electronic	0.5	USD	FRPL	0.06	USD	FRPL	0.56	0.2	USD	FRPL
CBOT	Chicago Board of Trade	Int Rate	B1U	30 Year Interest Rate Swap (Initial Contract)	Fut	Floor	0.5	USD	FRPL	0.06	USD	FRPL	0.56	0.2	USD	FRPL
CBOT	Chicago Board of Trade	Int Rate	B2U	30 Year Interest Rate Swap (Secondary Contract)	Fut	Electronic	0.5	USD	FRPL	0.06	USD	FRPL	0.56	0.2	USD	FRPL
CBOT	Chicago Board of Trade	Int Rate	B2U	30 Year Interest Rate Swap (Secondary Contract)	Fut	Floor	0.5	USD	FRPL	0.06	USD	FRPL	0.56	0.2	USD	FRPL
CBOT	Chicago Board of Trade	Agri	BSW	Black Sea Wheat	Fut	Electronic	1.75	USD	FRPL	0.06	USD	FRPL	1.81	0.2	USD	FRPL
CBOT	Chicago Board of Trade	Agri	BSW	Black Sea Wheat	Fut	Floor	0.6	USD	FRPL	0.06	USD	FRPL	0.66	0.2	USD	FRPL

Exch Code	Exch Desc	Comm Group	Prod Code	Product Desc	F/O	Platform	Trd Fee	Trd Fee Cur	Trd Fee Meth	Clr Fee	Clr Fee Cur	Clr Fee Meth	Fee Total	Brk Fee	Brk Fee Cur	Brk Fee Meth
CBOT	Chicago Board of Trade	Agri	C	Corn	Fut	Electronic	1.75	USD	FRPL	0.06	USD	FRPL	1.81	0.2	USD	FRPL
CBOT	Chicago Board of Trade	Agri	C	Corn	Fut	Floor	0.6	USD	FRPL	0.06	USD	FRPL	0.66	0.2	USD	FRPL
CBOT	Chicago Board of Trade	Agri	C	Corn	Opt	Electronic	1.75	USD	FRPL	0.06	USD	FRPL	1.81	0.2	USD	FRPL
CBOT	Chicago Board of Trade	Agri	C	Corn	Opt	Floor	0.6	USD	FRPL	0.06	USD	FRPL	0.66	0.2	USD	FRPL
CBOT	Chicago Board of Trade	Agri	C7S	Soybean May-Nov Calendar Spread	Opt	Electronic	3.5	USD	FRPL	0.06	USD	FRPL	3.56	0.2	USD	FRPL
CBOT	Chicago Board of Trade	Agri	C7S	Soybean May-Nov Calendar Spread	Opt	Floor	1.2	USD	FRPL	0.06	USD	FRPL	1.26	0.2	USD	FRPL
CBOT	Chicago Board of Trade	Agri	CC6	Corn Jul-Dec Calendar Spread	Opt	Electronic	3.5	USD	FRPL	0.06	USD	FRPL	3.56	0.2	USD	FRPL
CBOT	Chicago Board of Trade	Agri	CC6	Corn Jul-Dec Calendar Spread	Opt	Floor	1.2	USD	FRPL	0.06	USD	FRPL	1.26	0.2	USD	FRPL
CBOT	Chicago Board of Trade	Agri	CCZ	Corn Dec-Dec Calendar Spread	Opt	Electronic	3.5	USD	FRPL	0.06	USD	FRPL	3.56	0.2	USD	FRPL
CBOT	Chicago Board of Trade	Agri	CCZ	Corn Dec-Dec Calendar Spread	Opt	Floor	1.2	USD	FRPL	0.06	USD	FRPL	1.26	0.2	USD	FRPL
CBOT	Chicago Board of Trade	Agri	CDF	Short-Dated New Crop Corn	Opt	Electronic	1.75	USD	FRPL	0.06	USD	FRPL	1.81	0.2	USD	FRPL
CBOT	Chicago Board of Trade	Agri	CDF	Short-Dated New Crop Corn	Opt	Floor	0.6	USD	FRPL	0.06	USD	FRPL	0.66	0.2	USD	FRPL
CBOT	Chicago Board of Trade	Agri	CO6	Soybean Oil Jul-Dec Calendar Spread	Opt	Electronic	3.5	USD	FRPL	0.06	USD	FRPL	3.56	0.2	USD	FRPL
CBOT	Chicago Board of Trade	Agri	CO6	Soybean Oil Jul-Dec Calendar Spread	Opt	Floor	1.2	USD	FRPL	0.06	USD	FRPL	1.26	0.2	USD	FRPL
CBOT	Chicago Board of Trade	Agri	COY	Soybean Oil Consecutive Calendar Spread	Opt	Electronic	3.5	USD	FRPL	0.06	USD	FRPL	3.56	0.2	USD	FRPL
CBOT	Chicago Board of Trade	Agri	COY	Soybean Oil Consecutive Calendar Spread	Opt	Floor	1.2	USD	FRPL	0.06	USD	FRPL	1.26	0.2	USD	FRPL
CBOT	Chicago Board of Trade	Agri	CW6	Wheat Dec-Jul Calendar Spread	Opt	Electronic	3.5	USD	FRPL	0.06	USD	FRPL	3.56	0.2	USD	FRPL
CBOT	Chicago Board of Trade	Agri	CW6	Wheat Dec-Jul Calendar Spread	Opt	Floor	1.2	USD	FRPL	0.06	USD	FRPL	1.26	0.2	USD	FRPL
CBOT	Chicago Board of Trade	Agri	CWM	Wheat Jul-Dec Calendar Spread	Opt	Electronic	3.5	USD	FRPL	0.06	USD	FRPL	3.56	0.2	USD	FRPL
CBOT	Chicago Board of Trade	Agri	CWM	Wheat Jul-Dec Calendar Spread	Opt	Floor	1.2	USD	FRPL	0.06	USD	FRPL	1.26	0.2	USD	FRPL
CBOT	Chicago Board of Trade	Agri	CWN	Wheat Jul-Jul Calendar Spread	Opt	Electronic	3.5	USD	FRPL	0.06	USD	FRPL	3.56	0.2	USD	FRPL
CBOT	Chicago Board of Trade	Agri	CWN	Wheat Jul-Jul Calendar Spread	Opt	Floor	1.2	USD	FRPL	0.06	USD	FRPL	1.26	0.2	USD	FRPL
CBOT	Chicago Board of Trade	Agri	CWZ	Wheat Dec-Dec Calendar Spread	Opt	Electronic	3.5	USD	FRPL	0.06	USD	FRPL	3.56	0.2	USD	FRPL
CBOT	Chicago Board of Trade	Agri	CWZ	Wheat Dec-Dec Calendar Spread	Opt	Floor	1.2	USD	FRPL	0.06	USD	FRPL	1.26	0.2	USD	FRPL
CBOT	Chicago Board of Trade	Agri	CZ1	Soybeans Week 1	Opt	Electronic	1.75	USD	FRPL	0.06	USD	FRPL	1.81	0.2	USD	FRPL
CBOT	Chicago Board of Trade	Agri	CZ1	Soybeans Week 1	Opt	Floor	0.6	USD	FRPL	0.06	USD	FRPL	0.66	0.2	USD	FRPL
CBOT	Chicago Board of Trade	Agri	CZ2	Soybeans Week 2	Opt	Electronic	1.75	USD	FRPL	0.06	USD	FRPL	1.81	0.2	USD	FRPL
CBOT	Chicago Board of Trade	Agri	CZ2	Soybeans Week 2	Opt	Floor	0.6	USD	FRPL	0.06	USD	FRPL	0.66	0.2	USD	FRPL
CBOT	Chicago Board of Trade	Agri	CZ3	Soybeans Week 3	Opt	Electronic	1.75	USD	FRPL	0.06	USD	FRPL	1.81	0.2	USD	FRPL
CBOT	Chicago Board of Trade	Agri	CZ3	Soybeans Week 3	Opt	Floor	0.6	USD	FRPL	0.06	USD	FRPL	0.66	0.2	USD	FRPL
CBOT	Chicago Board of Trade	Agri	CZ4	Soybeans Week 4	Opt	Electronic	1.75	USD	FRPL	0.06	USD	FRPL	1.81	0.2	USD	FRPL
CBOT	Chicago Board of Trade	Agri	CZ4	Soybeans Week 4	Opt	Floor	0.6	USD	FRPL	0.06	USD	FRPL	0.66	0.2	USD	FRPL
CBOT	Chicago Board of Trade	Agri	CZ5	Soybeans Week 5	Opt	Electronic	1.75	USD	FRPL	0.06	USD	FRPL	1.81	0.2	USD	FRPL
CBOT	Chicago Board of Trade	Agri	CZ5	Soybeans Week 5	Opt	Floor	0.6	USD	FRPL	0.06	USD	FRPL	0.66	0.2	USD	FRPL
CBOT	Chicago Board of Trade	Agri	DDG	Distillers' Dried Grain	Fut	Electronic	1.75	USD	FRPL	0.06	USD	FRPL	1.81	0.2	USD	FRPL
CBOT	Chicago Board of Trade	Agri	DDG	Distillers' Dried Grain	Fut	Floor	0.6	USD	FRPL	0.06	USD	FRPL	0.66	0.2	USD	FRPL
CBOT	Chicago Board of Trade	Index	DO	Big Dow	Fut	Electronic	1.5	USD	FRPL	0.06	USD	FRPL	1.56	0.2	USD	FRPL
CBOT	Chicago Board of Trade	Energy	EH	Denatured Fuel Ethanol	Fut	Electronic	1.75	USD	FRPL	0.06	USD	FRPL	1.81	0.2	USD	FRPL
CBOT	Chicago Board of Trade	Energy	EH	Denatured Fuel Ethanol	Fut	Floor	0.6	USD	FRPL	0.06	USD	FRPL	0.66	0.2	USD	FRPL
CBOT	Chicago Board of Trade	Energy	EH	Denatured Fuel Ethanol	Opt	Electronic	1.75	USD	FRPL	0.06	USD	FRPL	1.81	0.2	USD	FRPL
CBOT	Chicago Board of Trade	Int Rate	F1U	5 year Interest Rate Swap (Initial Contract)	Fut	Electronic	0.5	USD	FRPL	0.06	USD	FRPL	0.56	0.2	USD	FRPL
CBOT	Chicago Board of Trade	Int Rate	F1U	5 year Interest Rate Swap (Initial Contract)	Fut	Floor	0.5	USD	FRPL	0.06	USD	FRPL	0.56	0.2	USD	FRPL
CBOT	Chicago Board of Trade	Int Rate	F2U	5 year Interest Rate Swap (Secondary Contract)	Fut	Electronic	0.5	USD	FRPL	0.06	USD	FRPL	0.56	0.2	USD	FRPL
CBOT	Chicago Board of Trade	Int Rate	F2U	5 year Interest Rate Swap (Secondary Contract)	Fut	Floor	0.5	USD	FRPL	0.06	USD	FRPL	0.56	0.2	USD	FRPL
CBOT	Chicago Board of Trade	Int Rate	FF1	12 Month Federal Funds Midcurve	Opt	Electronic	0.9	USD	FRPL	0.06	USD	FRPL	0.96	0.2	USD	FRPL
CBOT	Chicago Board of Trade	Int Rate	FF1	12 Month Federal Funds Midcurve	Opt	Floor	0.5	USD	FRPL	0.06	USD	FRPL	0.56	0.2	USD	FRPL
CBOT	Chicago Board of Trade	Int Rate	FF6	6 Month Federal Funds Midcurve	Opt	Electronic	0.9	USD	FRPL	0.06	USD	FRPL	0.96	0.2	USD	FRPL
CBOT	Chicago Board of Trade	Int Rate	FF6	6 Month Federal Funds Midcurve	Opt	Floor	0.5	USD	FRPL	0.06	USD	FRPL	0.56	0.2	USD	FRPL
CBOT	Chicago Board of Trade	Int Rate	FIV	5 year US On-The-Run Treasury Note	Fut	Electronic	0.9	USD	FRPL	0.06	USD	FRPL	0.96	0.2	USD	FRPL
CBOT	Chicago Board of Trade	Int Rate	FIV	5 year US On-The-Run Treasury Note	Fut	Floor	0.3	USD	FRPL	0.06	USD	FRPL	0.36	0.2	USD	FRPL
CBOT	Chicago Board of Trade	Int Rate	FV1	5 year US Treasury Notes 1 week	Opt	Electronic	0.75	USD	FRPL	0.06	USD	FRPL	0.81	0.2	USD	FRPL
CBOT	Chicago Board of Trade	Int Rate	FV1	5 year US Treasury Notes 1 week	Opt	Floor	0.5	USD	FRPL	0.06	USD	FRPL	0.56	0.2	USD	FRPL
CBOT	Chicago Board of Trade	Int Rate	FV2	5 year US Treasury Notes 2 week	Opt	Electronic	0.75	USD	FRPL	0.06	USD	FRPL	0.81	0.2	USD	FRPL
CBOT	Chicago Board of Trade	Int Rate	FV2	5 year US Treasury Notes 2 week	Opt	Floor	0.5	USD	FRPL	0.06	USD	FRPL	0.56	0.2	USD	FRPL
CBOT	Chicago Board of Trade	Int Rate	FV3	5 year US Treasury Notes 3 week	Opt	Electronic	0.75	USD	FRPL	0.06	USD	FRPL	0.81	0.2	USD	FRPL
CBOT	Chicago Board of Trade	Int Rate	FV3	5 year US Treasury Notes 3 week	Opt	Floor	0.5	USD	FRPL	0.06	USD	FRPL	0.56	0.2	USD	FRPL
CBOT	Chicago Board of Trade	Int Rate	FV4	5 year US Treasury Notes 4 week	Opt	Electronic	0.75	USD	FRPL	0.06	USD	FRPL	0.81	0.2	USD	FRPL
CBOT	Chicago Board of Trade	Int Rate	FV4	5 year US Treasury Notes 4 week	Opt	Floor	0.5	USD	FRPL	0.06	USD	FRPL	0.56	0.2	USD	FRPL
CBOT	Chicago Board of Trade	Int Rate	FV5	5 year US Treasury Notes 5 week	Opt	Electronic	0.75	USD	FRPL	0.06	USD	FRPL	0.81	0.2	USD	FRPL

Exch Code	Exch Desc	Comm Group	Prod Code	Product Desc	F/O	Platform	Trd Fee	Trd Fee Cur	Trd Fee Meth	Clr Fee	Clr Fee Cur	Clr Fee Meth	Fee Total	Brk Fee	Brk Fee Cur	Brk Fee Meth
CBOT	Chicago Board of Trade	Int Rate	FV5	5 year US Treasury Notes 5 week	Opt	Floor	0.5	USD	FRPL	0.06	USD	FRPL	0.56	0.2	USD	FRPL
CBOT	Chicago Board of Trade	Int Rate	I3	30 Year Interest Rate Swap	Fut	Electronic	0.9	USD	FRPL	0.06	USD	FRPL	0.96	0.2	USD	FRPL
CBOT	Chicago Board of Trade	Int Rate	I3	30 Year Interest Rate Swap	Fut	Floor	0.3	USD	FRPL	0.06	USD	FRPL	0.36	0.2	USD	FRPL
CBOT	Chicago Board of Trade	Index	JR	Dow Jones U.S. Real Estate Index	Fut	Electronic	1.08	USD	FRPL	0.06	USD	FRPL	1.14	0.2	USD	FRPL
CBOT	Chicago Board of Trade	Index	JR	Dow Jones U.S. Real Estate Index	Fut	Floor	0.6	USD	FRPL	0.06	USD	FRPL	0.66	0.2	USD	FRPL
CBOT	Chicago Board of Trade	Agri	KSC	Soybean Jan-May Calendar Spread	Opt	Electronic	3.5	USD	FRPL	0.06	USD	FRPL	3.56	0.2	USD	FRPL
CBOT	Chicago Board of Trade	Agri	KSC	Soybean Jan-May Calendar Spread	Opt	Floor	1.2	USD	FRPL	0.06	USD	FRPL	1.26	0.2	USD	FRPL
CBOT	Chicago Board of Trade	Agri	KSH	Soybean Mar-Jul Calendar Spread	Opt	Electronic	3.5	USD	FRPL	0.06	USD	FRPL	3.56	0.2	USD	FRPL
CBOT	Chicago Board of Trade	Agri	KSH	Soybean Mar-Jul Calendar Spread	Opt	Floor	1.2	USD	FRPL	0.06	USD	FRPL	1.26	0.2	USD	FRPL
CBOT	Chicago Board of Trade	Agri	MCG	MGEX-CBOT Wheat Spread	Opt	Electronic	3.5	USD	FRPL	0.06	USD	FRPL	3.56	0.2	USD	FRPL
CBOT	Chicago Board of Trade	Agri	MCG	MGEX-CBOT Wheat Spread	Opt	Floor	1.2	USD	FRPL	0.06	USD	FRPL	1.26	0.2	USD	FRPL
CBOT	Chicago Board of Trade	Agri	MYC	Soybean Meal Consecutive Calendar Spread	Opt	Electronic	3.5	USD	FRPL	0.06	USD	FRPL	3.56	0.2	USD	FRPL
CBOT	Chicago Board of Trade	Agri	MYC	Soybean Meal Consecutive Calendar Spread	Opt	Floor	1.2	USD	FRPL	0.06	USD	FRPL	1.26	0.2	USD	FRPL
CBOT	Chicago Board of Trade	Agri	MZ1	Soybean Meal Week 1	Opt	Electronic	1.75	USD	FRPL	0.06	USD	FRPL	1.81	0.2	USD	FRPL
CBOT	Chicago Board of Trade	Agri	MZ1	Soybean Meal Week 1	Opt	Floor	0.6	USD	FRPL	0.06	USD	FRPL	0.66	0.2	USD	FRPL
CBOT	Chicago Board of Trade	Agri	MZ2	Soybean Meal Week 2	Opt	Electronic	1.75	USD	FRPL	0.06	USD	FRPL	1.81	0.2	USD	FRPL
CBOT	Chicago Board of Trade	Agri	MZ2	Soybean Meal Week 2	Opt	Floor	0.6	USD	FRPL	0.06	USD	FRPL	0.66	0.2	USD	FRPL
CBOT	Chicago Board of Trade	Agri	MZ3	Soybean Meal Week 3	Opt	Electronic	1.75	USD	FRPL	0.06	USD	FRPL	1.81	0.2	USD	FRPL
CBOT	Chicago Board of Trade	Agri	MZ3	Soybean Meal Week 3	Opt	Floor	0.6	USD	FRPL	0.06	USD	FRPL	0.66	0.2	USD	FRPL
CBOT	Chicago Board of Trade	Agri	MZ4	Soybean Meal Week 4	Opt	Electronic	1.75	USD	FRPL	0.06	USD	FRPL	1.81	0.2	USD	FRPL
CBOT	Chicago Board of Trade	Agri	MZ4	Soybean Meal Week 4	Opt	Floor	0.6	USD	FRPL	0.06	USD	FRPL	0.66	0.2	USD	FRPL
CBOT	Chicago Board of Trade	Agri	MZ5	Soybean Meal Week 5	Opt	Electronic	1.75	USD	FRPL	0.06	USD	FRPL	1.81	0.2	USD	FRPL
CBOT	Chicago Board of Trade	Agri	MZ5	Soybean Meal Week 5	Opt	Floor	0.6	USD	FRPL	0.06	USD	FRPL	0.66	0.2	USD	FRPL
CBOT	Chicago Board of Trade	Int Rate	N1U	10 year Interest Rate Swap (Initial Contract)	Fut	Electronic	0.5	USD	FRPL	0.06	USD	FRPL	0.56	0.2	USD	FRPL
CBOT	Chicago Board of Trade	Int Rate	N1U	10 year Interest Rate Swap (Initial Contract)	Fut	Floor	0.5	USD	FRPL	0.06	USD	FRPL	0.56	0.2	USD	FRPL
CBOT	Chicago Board of Trade	Int Rate	N2U	10 year Interest Rate Swap (Secondary Contract)	Fut	Electronic	0.5	USD	FRPL	0.06	USD	FRPL	0.56	0.2	USD	FRPL
CBOT	Chicago Board of Trade	Int Rate	N2U	10 year Interest Rate Swap (Secondary Contract)	Fut	Floor	0.5	USD	FRPL	0.06	USD	FRPL	0.56	0.2	USD	FRPL
CBOT	Chicago Board of Trade	Int Rate	NG	5 year Interest Rate Swap	Fut	Electronic	0.9	USD	FRPL	0.06	USD	FRPL	0.96	0.2	USD	FRPL
CBOT	Chicago Board of Trade	Int Rate	NG	5 year Interest Rate Swap	Fut	Floor	0.3	USD	FRPL	0.06	USD	FRPL	0.36	0.2	USD	FRPL
CBOT	Chicago Board of Trade	Int Rate	NG	5 year Interest Rate Swap	Opt	Electronic	0.9	USD	FRPL	0.06	USD	FRPL	0.96	0.2	USD	FRPL
CBOT	Chicago Board of Trade	Int Rate	NG	5 year Interest Rate Swap	Opt	Floor	0.5	USD	FRPL	0.06	USD	FRPL	0.56	0.2	USD	FRPL
CBOT	Chicago Board of Trade	Int Rate	NI	10 year Interest Rate Swap	Opt	Electronic	0.9	USD	FRPL	0.06	USD	FRPL	0.96	0.2	USD	FRPL
CBOT	Chicago Board of Trade	Int Rate	NI	10 year Interest Rate Swap	Opt	Floor	0.5	USD	FRPL	0.06	USD	FRPL	0.56	0.2	USD	FRPL
CBOT	Chicago Board of Trade	Agri	O	Oats	Fut	Electronic	1.75	USD	FRPL	0.06	USD	FRPL	1.81	0.2	USD	FRPL
CBOT	Chicago Board of Trade	Agri	O	Oats	Fut	Floor	0.6	USD	FRPL	0.06	USD	FRPL	0.66	0.2	USD	FRPL
CBOT	Chicago Board of Trade	Agri	O	Oats	Opt	Electronic	1.75	USD	FRPL	0.06	USD	FRPL	1.81	0.2	USD	FRPL
CBOT	Chicago Board of Trade	Agri	O	Oats	Opt	Floor	0.6	USD	FRPL	0.06	USD	FRPL	0.66	0.2	USD	FRPL
CBOT	Chicago Board of Trade	Int Rate	ONZ	30 year Interest Rate Swap	Opt	Electronic	0.9	USD	FRPL	0.06	USD	FRPL	0.96	0.2	USD	FRPL
CBOT	Chicago Board of Trade	Int Rate	ONZ	30 year Interest Rate Swap	Opt	Floor	0.5	USD	FRPL	0.06	USD	FRPL	0.56	0.2	USD	FRPL
CBOT	Chicago Board of Trade	Agri	OZ1	Soybean Oil Week 1	Opt	Electronic	1.75	USD	FRPL	0.06	USD	FRPL	1.81	0.2	USD	FRPL
CBOT	Chicago Board of Trade	Agri	OZ1	Soybean Oil Week 1	Opt	Floor	0.6	USD	FRPL	0.06	USD	FRPL	0.66	0.2	USD	FRPL
CBOT	Chicago Board of Trade	Agri	OZ2	Soybean Oil Week 2	Opt	Electronic	1.75	USD	FRPL	0.06	USD	FRPL	1.81	0.2	USD	FRPL
CBOT	Chicago Board of Trade	Agri	OZ2	Soybean Oil Week 2	Opt	Floor	0.6	USD	FRPL	0.06	USD	FRPL	0.66	0.2	USD	FRPL
CBOT	Chicago Board of Trade	Agri	OZ3	Soybean Oil Week 3	Opt	Electronic	1.75	USD	FRPL	0.06	USD	FRPL	1.81	0.2	USD	FRPL
CBOT	Chicago Board of Trade	Agri	OZ3	Soybean Oil Week 3	Opt	Floor	0.6	USD	FRPL	0.06	USD	FRPL	0.66	0.2	USD	FRPL
CBOT	Chicago Board of Trade	Agri	OZ4	Soybean Oil Week 4	Opt	Electronic	1.75	USD	FRPL	0.06	USD	FRPL	1.81	0.2	USD	FRPL
CBOT	Chicago Board of Trade	Agri	OZ4	Soybean Oil Week 4	Opt	Floor	0.6	USD	FRPL	0.06	USD	FRPL	0.66	0.2	USD	FRPL
CBOT	Chicago Board of Trade	Agri	OZ5	Soybean Oil Week 5	Opt	Electronic	1.75	USD	FRPL	0.06	USD	FRPL	1.81	0.2	USD	FRPL
CBOT	Chicago Board of Trade	Agri	OZ5	Soybean Oil Week 5	Opt	Floor	0.6	USD	FRPL	0.06	USD	FRPL	0.66	0.2	USD	FRPL
CBOT	Chicago Board of Trade	Agri	PY1	Corn week 1	Opt	Electronic	1.75	USD	FRPL	0.06	USD	FRPL	1.81	0.2	USD	FRPL
CBOT	Chicago Board of Trade	Agri	PY1	Corn week 1	Opt	Floor	0.6	USD	FRPL	0.06	USD	FRPL	0.66	0.2	USD	FRPL
CBOT	Chicago Board of Trade	Agri	PY2	Corn week 2	Opt	Electronic	1.75	USD	FRPL	0.06	USD	FRPL	1.81	0.2	USD	FRPL
CBOT	Chicago Board of Trade	Agri	PY2	Corn week 2	Opt	Floor	0.6	USD	FRPL	0.06	USD	FRPL	0.66	0.2	USD	FRPL
CBOT	Chicago Board of Trade	Agri	PY3	Corn week 3	Opt	Electronic	1.75	USD	FRPL	0.06	USD	FRPL	1.81	0.2	USD	FRPL
CBOT	Chicago Board of Trade	Agri	PY3	Corn week 3	Opt	Floor	0.6	USD	FRPL	0.06	USD	FRPL	0.66	0.2	USD	FRPL
CBOT	Chicago Board of Trade	Agri	PY4	Corn week 4	Opt	Electronic	1.75	USD	FRPL	0.06	USD	FRPL	1.81	0.2	USD	FRPL
CBOT	Chicago Board of Trade	Agri	PY4	Corn week 4	Opt	Floor	0.6	USD	FRPL	0.06	USD	FRPL	0.66	0.2	USD	FRPL
CBOT	Chicago Board of Trade	Agri	PY5	Corn week 5	Opt	Electronic	1.75	USD	FRPL	0.06	USD	FRPL	1.81	0.2	USD	FRPL
CBOT	Chicago Board of Trade	Agri	PY5	Corn week 5	Opt	Floor	0.6	USD	FRPL	0.06	USD	FRPL	0.66	0.2	USD	FRPL

Exch Code	Exch Desc	Comm Group	Prod Code	Product Desc	F/O	Platform	Trd Fee	Trd Fee Cur	Trd Fee Meth	Clr Fee	Clr Fee Cur	Clr Fee Meth	Fee Total	Brk Fee	Brk Fee Cur	Brk Fee Meth
CBOT	Chicago Board of Trade	Agri	PYC	Corn Consecutive Calendar Spread	Opt	Electronic	3.5	USD	FRPL	0.06	USD	FRPL	3.56	0.2	USD	FRPL
CBOT	Chicago Board of Trade	Agri	PYC	Corn Consecutive Calendar Spread	Opt	Floor	1.2	USD	FRPL	0.06	USD	FRPL	1.26	0.2	USD	FRPL
CBOT	Chicago Board of Trade	Agri	S	Soybeans	Fut	Electronic	1.75	USD	FRPL	0.06	USD	FRPL	1.81	0.2	USD	FRPL
CBOT	Chicago Board of Trade	Agri	S	Soybeans	Fut	Floor	0.6	USD	FRPL	0.06	USD	FRPL	0.66	0.2	USD	FRPL
CBOT	Chicago Board of Trade	Agri	S	Soybeans	Opt	Electronic	1.75	USD	FRPL	0.06	USD	FRPL	1.81	0.2	USD	FRPL
CBOT	Chicago Board of Trade	Agri	S	Soybeans	Opt	Floor	0.6	USD	FRPL	0.06	USD	FRPL	0.66	0.2	USD	FRPL
CBOT	Chicago Board of Trade	Agri	SC4	Soybean Aug-Nov Calendar Spread	Opt	Electronic	3.5	USD	FRPL	0.06	USD	FRPL	3.56	0.2	USD	FRPL
CBOT	Chicago Board of Trade	Agri	SC4	Soybean Aug-Nov Calendar Spread	Opt	Floor	1.2	USD	FRPL	0.06	USD	FRPL	1.26	0.2	USD	FRPL
CBOT	Chicago Board of Trade	Agri	SC5	Soybean Jul-Nov Calendar Spread	Opt	Electronic	3.5	USD	FRPL	0.06	USD	FRPL	3.56	0.2	USD	FRPL
CBOT	Chicago Board of Trade	Agri	SC5	Soybean Jul-Nov Calendar Spread	Opt	Floor	1.2	USD	FRPL	0.06	USD	FRPL	1.26	0.2	USD	FRPL
CBOT	Chicago Board of Trade	Agri	SCX	Soybean Nov-Nov Calendar Spread	Opt	Electronic	3.5	USD	FRPL	0.06	USD	FRPL	3.56	0.2	USD	FRPL
CBOT	Chicago Board of Trade	Agri	SCX	Soybean Nov-Nov Calendar Spread	Opt	Floor	1.2	USD	FRPL	0.06	USD	FRPL	1.26	0.2	USD	FRPL
CBOT	Chicago Board of Trade	Agri	SDF	Short-Dated New Crop Soybeans	Opt	Electronic	1.75	USD	FRPL	0.06	USD	FRPL	1.81	0.2	USD	FRPL
CBOT	Chicago Board of Trade	Agri	SDF	Short-Dated New Crop Soybeans	Opt	Floor	0.6	USD	FRPL	0.06	USD	FRPL	0.66	0.2	USD	FRPL
CBOT	Chicago Board of Trade	Agri	SM6	Soybean Meal Jul-Dec Calendar Spread	Opt	Electronic	3.5	USD	FRPL	0.06	USD	FRPL	3.56	0.2	USD	FRPL
CBOT	Chicago Board of Trade	Agri	SM6	Soybean Meal Jul-Dec Calendar Spread	Opt	Floor	1.2	USD	FRPL	0.06	USD	FRPL	1.26	0.2	USD	FRPL
CBOT	Chicago Board of Trade	Agri	SX9	Soybean Nov-Jul Calendar Spread	Opt	Electronic	3.5	USD	FRPL	0.06	USD	FRPL	3.56	0.2	USD	FRPL
CBOT	Chicago Board of Trade	Agri	SX9	Soybean Nov-Jul Calendar Spread	Opt	Floor	1.2	USD	FRPL	0.06	USD	FRPL	1.26	0.2	USD	FRPL
CBOT	Chicago Board of Trade	Int Rate	T1U	2 year Interest Rate Swap (Initial Contract)	Fut	Electronic	0.5	USD	FRPL	0.06	USD	FRPL	0.56	0.2	USD	FRPL
CBOT	Chicago Board of Trade	Int Rate	T1U	2 year Interest Rate Swap (Initial Contract)	Fut	Floor	0.5	USD	FRPL	0.06	USD	FRPL	0.56	0.2	USD	FRPL
CBOT	Chicago Board of Trade	Int Rate	T2U	2 year Interest Rate Swap (Secondary Contract)	Fut	Electronic	0.5	USD	FRPL	0.06	USD	FRPL	0.56	0.2	USD	FRPL
CBOT	Chicago Board of Trade	Int Rate	T2U	2 year Interest Rate Swap (Secondary Contract)	Fut	Floor	0.5	USD	FRPL	0.06	USD	FRPL	0.56	0.2	USD	FRPL
CBOT	Chicago Board of Trade	Int Rate	TEN	10 year US On-The-Run Treasury Note	Fut	Electronic	0.9	USD	FRPL	0.06	USD	FRPL	0.96	0.2	USD	FRPL
CBOT	Chicago Board of Trade	Int Rate	TEN	10 year US On-The-Run Treasury Note	Fut	Floor	0.3	USD	FRPL	0.06	USD	FRPL	0.36	0.2	USD	FRPL
CBOT	Chicago Board of Trade	Int Rate	TW1	2 year US Treasury Notes 1 Week	Opt	Electronic	0.75	USD	FRPL	0.06	USD	FRPL	0.81	0.2	USD	FRPL
CBOT	Chicago Board of Trade	Int Rate	TW1	2 year US Treasury Notes 1 Week	Opt	Floor	0.5	USD	FRPL	0.06	USD	FRPL	0.56	0.2	USD	FRPL
CBOT	Chicago Board of Trade	Int Rate	TW2	2 year US Treasury Notes 2 Week	Opt	Electronic	0.75	USD	FRPL	0.06	USD	FRPL	0.81	0.2	USD	FRPL
CBOT	Chicago Board of Trade	Int Rate	TW2	2 year US Treasury Notes 2 Week	Opt	Floor	0.5	USD	FRPL	0.06	USD	FRPL	0.56	0.2	USD	FRPL
CBOT	Chicago Board of Trade	Int Rate	TW3	2 year US Treasury Notes 3 Week	Opt	Electronic	0.75	USD	FRPL	0.06	USD	FRPL	0.81	0.2	USD	FRPL
CBOT	Chicago Board of Trade	Int Rate	TW3	2 year US Treasury Notes 3 Week	Opt	Floor	0.5	USD	FRPL	0.06	USD	FRPL	0.56	0.2	USD	FRPL
CBOT	Chicago Board of Trade	Int Rate	TW4	2 year US Treasury Notes 4 Week	Opt	Electronic	0.75	USD	FRPL	0.06	USD	FRPL	0.81	0.2	USD	FRPL
CBOT	Chicago Board of Trade	Int Rate	TW4	2 year US Treasury Notes 4 Week	Opt	Floor	0.5	USD	FRPL	0.06	USD	FRPL	0.56	0.2	USD	FRPL
CBOT	Chicago Board of Trade	Int Rate	TW5	2 year US Treasury Notes 5 Week	Opt	Electronic	0.75	USD	FRPL	0.06	USD	FRPL	0.81	0.2	USD	FRPL
CBOT	Chicago Board of Trade	Int Rate	TW5	2 year US Treasury Notes 5 Week	Opt	Floor	0.5	USD	FRPL	0.06	USD	FRPL	0.56	0.2	USD	FRPL
CBOT	Chicago Board of Trade	Int Rate	TWO	2 year US On-The-Run Treasury Note	Fut	Electronic	0.9	USD	FRPL	0.06	USD	FRPL	0.96	0.2	USD	FRPL
CBOT	Chicago Board of Trade	Int Rate	TWO	2 year US On-The-Run Treasury Note	Fut	Floor	0.3	USD	FRPL	0.06	USD	FRPL	0.36	0.2	USD	FRPL
CBOT	Chicago Board of Trade	Int Rate	TY1	10 year US Treasury Notes 1 week	Opt	Electronic	0.75	USD	FRPL	0.06	USD	FRPL	0.81	0.2	USD	FRPL
CBOT	Chicago Board of Trade	Int Rate	TY1	10 year US Treasury Notes 1 week	Opt	Floor	0.5	USD	FRPL	0.06	USD	FRPL	0.56	0.2	USD	FRPL
CBOT	Chicago Board of Trade	Int Rate	TY2	10 year US Treasury Notes 2 week	Opt	Electronic	0.75	USD	FRPL	0.06	USD	FRPL	0.81	0.2	USD	FRPL
CBOT	Chicago Board of Trade	Int Rate	TY2	10 year US Treasury Notes 2 week	Opt	Floor	0.5	USD	FRPL	0.06	USD	FRPL	0.56	0.2	USD	FRPL
CBOT	Chicago Board of Trade	Int Rate	TY3	10 year US Treasury Notes 3 week	Opt	Electronic	0.75	USD	FRPL	0.06	USD	FRPL	0.81	0.2	USD	FRPL
CBOT	Chicago Board of Trade	Int Rate	TY3	10 year US Treasury Notes 3 week	Opt	Floor	0.5	USD	FRPL	0.06	USD	FRPL	0.56	0.2	USD	FRPL
CBOT	Chicago Board of Trade	Int Rate	TY4	10 year US Treasury Notes 4 week	Opt	Electronic	0.75	USD	FRPL	0.06	USD	FRPL	0.81	0.2	USD	FRPL
CBOT	Chicago Board of Trade	Int Rate	TY4	10 year US Treasury Notes 4 week	Opt	Floor	0.5	USD	FRPL	0.06	USD	FRPL	0.56	0.2	USD	FRPL
CBOT	Chicago Board of Trade	Int Rate	TY5	10 year US Treasury Notes 5 week	Opt	Electronic	0.75	USD	FRPL	0.06	USD	FRPL	0.81	0.2	USD	FRPL
CBOT	Chicago Board of Trade	Int Rate	TY5	10 year US Treasury Notes 5 week	Opt	Floor	0.5	USD	FRPL	0.06	USD	FRPL	0.56	0.2	USD	FRPL
CBOT	Chicago Board of Trade	Int Rate	UBE	Ultra Long-Term US Treasury Bond	Fut	Electronic	0.5	USD	FRPL	0.06	USD	FRPL	0.56	0.2	USD	FRPL
CBOT	Chicago Board of Trade	Int Rate	UBE	Ultra Long-Term US Treasury Bond	Fut	Floor	0.4	USD	FRPL	0.06	USD	FRPL	0.46	0.2	USD	FRPL
CBOT	Chicago Board of Trade	Int Rate	UBE	Ultra Long-Term US Treasury Bond	Opt	Electronic	0.75	USD	FRPL	0.06	USD	FRPL	0.81	0.2	USD	FRPL
CBOT	Chicago Board of Trade	Int Rate	UBE	Ultra Long-Term US Treasury Bond	Opt	Floor	0.5	USD	FRPL	0.06	USD	FRPL	0.56	0.2	USD	FRPL
CBOT	Chicago Board of Trade	Int Rate	UL1	Ultra Long-Term US Treasury Bond 1 week	Opt	Electronic	0.75	USD	FRPL	0.06	USD	FRPL	0.81	0.2	USD	FRPL
CBOT	Chicago Board of Trade	Int Rate	UL1	Ultra Long-Term US Treasury Bond 1 week	Opt	Floor	0.5	USD	FRPL	0.06	USD	FRPL	0.56	0.2	USD	FRPL
CBOT	Chicago Board of Trade	Int Rate	UL2	Ultra Long-Term US Treasury Bond 2 week	Opt	Electronic	0.75	USD	FRPL	0.06	USD	FRPL	0.81	0.2	USD	FRPL
CBOT	Chicago Board of Trade	Int Rate	UL2	Ultra Long-Term US Treasury Bond 2 week	Opt	Floor	0.5	USD	FRPL	0.06	USD	FRPL	0.56	0.2	USD	FRPL
CBOT	Chicago Board of Trade	Int Rate	UL3	Ultra Long-Term US Treasury Bond 3 week	Opt	Electronic	0.75	USD	FRPL	0.06	USD	FRPL	0.81	0.2	USD	FRPL
CBOT	Chicago Board of Trade	Int Rate	UL3	Ultra Long-Term US Treasury Bond 3 week	Opt	Floor	0.5	USD	FRPL	0.06	USD	FRPL	0.56	0.2	USD	FRPL
CBOT	Chicago Board of Trade	Int Rate	UL4	Ultra Long-Term US Treasury Bond 4 week	Opt	Electronic	0.75	USD	FRPL	0.06	USD	FRPL	0.81	0.2	USD	FRPL
CBOT	Chicago Board of Trade	Int Rate	UL4	Ultra Long-Term US Treasury Bond 4 week	Opt	Floor	0.5	USD	FRPL	0.06	USD	FRPL	0.56	0.2	USD	FRPL
CBOT	Chicago Board of Trade	Int Rate	UL5	Ultra Long-Term US Treasury Bond 5 week	Opt	Electronic	0.75	USD	FRPL	0.06	USD	FRPL	0.81	0.2	USD	FRPL

Exch Code	Exch Desc	Comm Group	Prod Code	Product Desc	F/O	Platform	Trd Fee	Trd Fee Cur	Trd Fee Meth	Clr Fee	Clr Fee Cur	Clr Fee Meth	Fee Total	Brk Fee	Brk Fee Cur	Brk Fee Meth
CBOT	Chicago Board of Trade	Int Rate	UL5	Ultra Long-Term US Treasury Bond 5 week	Opt	Floor	0.5	USD	FRPL	0.06	USD	FRPL	0.56	0.2	USD	FRPL
CBOT	Chicago Board of Trade	Int Rate	US1	30 year US Treasury Bonds 1 week	Opt	Electronic	0.75	USD	FRPL	0.06	USD	FRPL	0.81	0.2	USD	FRPL
CBOT	Chicago Board of Trade	Int Rate	US1	30 year US Treasury Bonds 1 week	Opt	Floor	0.5	USD	FRPL	0.06	USD	FRPL	0.56	0.2	USD	FRPL
CBOT	Chicago Board of Trade	Int Rate	US2	30 year US Treasury Bonds 2 week	Opt	Electronic	0.75	USD	FRPL	0.06	USD	FRPL	0.81	0.2	USD	FRPL
CBOT	Chicago Board of Trade	Int Rate	US2	30 year US Treasury Bonds 2 week	Opt	Floor	0.5	USD	FRPL	0.06	USD	FRPL	0.56	0.2	USD	FRPL
CBOT	Chicago Board of Trade	Int Rate	US3	30 year US Treasury Bonds 3 week	Opt	Electronic	0.75	USD	FRPL	0.06	USD	FRPL	0.81	0.2	USD	FRPL
CBOT	Chicago Board of Trade	Int Rate	US3	30 year US Treasury Bonds 3 week	Opt	Floor	0.5	USD	FRPL	0.06	USD	FRPL	0.56	0.2	USD	FRPL
CBOT	Chicago Board of Trade	Int Rate	US4	30 year US Treasury Bonds 4 week	Opt	Electronic	0.75	USD	FRPL	0.06	USD	FRPL	0.81	0.2	USD	FRPL
CBOT	Chicago Board of Trade	Int Rate	US4	30 year US Treasury Bonds 4 week	Opt	Floor	0.5	USD	FRPL	0.06	USD	FRPL	0.56	0.2	USD	FRPL
CBOT	Chicago Board of Trade	Int Rate	US5	30 year US Treasury Bonds 5 week	Opt	Electronic	0.75	USD	FRPL	0.06	USD	FRPL	0.81	0.2	USD	FRPL
CBOT	Chicago Board of Trade	Int Rate	US5	30 year US Treasury Bonds 5 week	Opt	Floor	0.5	USD	FRPL	0.06	USD	FRPL	0.56	0.2	USD	FRPL
CBOT	Chicago Board of Trade	Agri	W	Wheat	Fut	Electronic	1.75	USD	FRPL	0.06	USD	FRPL	1.81	0.2	USD	FRPL
CBOT	Chicago Board of Trade	Agri	W	Wheat	Fut	Floor	0.6	USD	FRPL	0.06	USD	FRPL	0.66	0.2	USD	FRPL
CBOT	Chicago Board of Trade	Agri	W	Wheat	Opt	Electronic	1.75	USD	FRPL	0.06	USD	FRPL	1.81	0.2	USD	FRPL
CBOT	Chicago Board of Trade	Agri	W	Wheat	Opt	Floor	0.6	USD	FRPL	0.06	USD	FRPL	0.66	0.2	USD	FRPL
CBOT	Chicago Board of Trade	Agri	WDF	Short-Dated New Crop Wheat	Opt	Electronic	1.75	USD	FRPL	0.06	USD	FRPL	1.81	0.2	USD	FRPL
CBOT	Chicago Board of Trade	Agri	WDF	Short-Dated New Crop Wheat	Opt	Floor	0.6	USD	FRPL	0.06	USD	FRPL	0.66	0.2	USD	FRPL
CBOT	Chicago Board of Trade	Agri	WZ1	Wheat Week 1	Opt	Electronic	1.75	USD	FRPL	0.06	USD	FRPL	1.81	0.2	USD	FRPL
CBOT	Chicago Board of Trade	Agri	WZ1	Wheat Week 1	Opt	Floor	0.6	USD	FRPL	0.06	USD	FRPL	0.66	0.2	USD	FRPL
CBOT	Chicago Board of Trade	Agri	WZ2	Wheat Week 2	Opt	Electronic	1.75	USD	FRPL	0.06	USD	FRPL	1.81	0.2	USD	FRPL
CBOT	Chicago Board of Trade	Agri	WZ2	Wheat Week 2	Opt	Floor	0.6	USD	FRPL	0.06	USD	FRPL	0.66	0.2	USD	FRPL
CBOT	Chicago Board of Trade	Agri	WZ3	Wheat Week 3	Opt	Electronic	1.75	USD	FRPL	0.06	USD	FRPL	1.81	0.2	USD	FRPL
CBOT	Chicago Board of Trade	Agri	WZ3	Wheat Week 3	Opt	Floor	0.6	USD	FRPL	0.06	USD	FRPL	0.66	0.2	USD	FRPL
CBOT	Chicago Board of Trade	Agri	WZ4	Wheat Week 4	Opt	Electronic	1.75	USD	FRPL	0.06	USD	FRPL	1.81	0.2	USD	FRPL
CBOT	Chicago Board of Trade	Agri	WZ4	Wheat Week 4	Opt	Floor	0.6	USD	FRPL	0.06	USD	FRPL	0.66	0.2	USD	FRPL
CBOT	Chicago Board of Trade	Agri	WZ5	Wheat Week 5	Opt	Electronic	1.75	USD	FRPL	0.06	USD	FRPL	1.81	0.2	USD	FRPL
CBOT	Chicago Board of Trade	Agri	WZ5	Wheat Week 5	Opt	Floor	0.6	USD	FRPL	0.06	USD	FRPL	0.66	0.2	USD	FRPL
CBOT	Chicago Board of Trade	Agri	WZC	Wheat Consecutive Calendar Spread	Opt	Electronic	3.5	USD	FRPL	0.06	USD	FRPL	3.56	0.2	USD	FRPL
CBOT	Chicago Board of Trade	Agri	WZC	Wheat Consecutive Calendar Spread	Opt	Floor	1.2	USD	FRPL	0.06	USD	FRPL	1.26	0.2	USD	FRPL
CBOT	Chicago Board of Trade	Agri	XCW	Wheat-Corn Intercommodity Spread	Opt	Electronic	3.5	USD	FRPL	0.06	USD	FRPL	3.56	0.2	USD	FRPL
CBOT	Chicago Board of Trade	Agri	XCW	Wheat-Corn Intercommodity Spread	Opt	Floor	1.2	USD	FRPL	0.06	USD	FRPL	1.26	0.2	USD	FRPL
CBOT	Chicago Board of Trade	Agri	YC	Mini-sized Corn	Fut	Electronic	0.9	USD	FRPL	0.06	USD	FRPL	0.96	0.2	USD	FRPL
CBOT	Chicago Board of Trade	Agri	YC	Mini-sized Corn	Fut	Floor	0.4	USD	FRPL	0.06	USD	FRPL	0.46	0.2	USD	FRPL
CBOT	Chicago Board of Trade	Agri	YK	Mini-sized Soybeans	Fut	Electronic	0.9	USD	FRPL	0.06	USD	FRPL	0.96	0.2	USD	FRPL
CBOT	Chicago Board of Trade	Agri	YK	Mini-sized Soybeans	Fut	Floor	0.4	USD	FRPL	0.06	USD	FRPL	0.46	0.2	USD	FRPL
CBOT	Chicago Board of Trade	Index	YM	mini-sized Dow futures $5 multiplier	Fut	Electronic	1.08	USD	FRPL	0.06	USD	FRPL	1.14	0.2	USD	FRPL
CBOT	Chicago Board of Trade	Index	YM	Mini-sized Dow SM	Opt	Electronic	1.08	USD	FRPL	0.06	USD	FRPL	1.14	0.2	USD	FRPL
CBOT	Chicago Board of Trade	Agri	YW	Mini-sized Wheat	Fut	Electronic	0.9	USD	FRPL	0.06	USD	FRPL	0.96	0.2	USD	FRPL
CBOT	Chicago Board of Trade	Agri	YW	Mini-sized Wheat	Fut	Floor	0.4	USD	FRPL	0.06	USD	FRPL	0.46	0.2	USD	FRPL
CBOT	Chicago Board of Trade	Agri	ZSC	Soybean Consecutive Calendar Spread	Opt	Electronic	3.5	USD	FRPL	0.06	USD	FRPL	3.56	0.2	USD	FRPL
CBOT	Chicago Board of Trade	Agri	ZSC	Soybean Consecutive Calendar Spread	Opt	Floor	1.2	USD	FRPL	0.06	USD	FRPL	1.26	0.2	USD	FRPL
CCFE	Chicago Climate Futures Exchange	Energy	Z2	Nitrogen Financial Instrument Annual V9	Fut	Electronic	1.8	USD	FRPL	0.6	USD	FRPL	2.4			
CCFE	Chicago Climate Futures Exchange	Energy	Z2	Nitrogen Financial Instrument Annual V9	Opt	Electronic	1.8	USD	FRPL	0.6	USD	FRPL	2.4			
CCFE	Chicago Climate Futures Exchange	Energy	Z3	Nitrogen Financial Instrument Annual V10	Fut	Electronic	1.8	USD	FRPL	0.6	USD	FRPL	2.4			
CCFE	Chicago Climate Futures Exchange	Energy	Z3	Nitrogen Financial Instrument Annual V10	Opt	Electronic	1.8	USD	FRPL	0.6	USD	FRPL	2.4			
CCFE	Chicago Climate Futures Exchange	Energy	Z4	Nitrogen Financial Instrument Annual V11	Fut	Electronic	1.8	USD	FRPL	0.6	USD	FRPL	2.4			
CCFE	Chicago Climate Futures Exchange	Energy	Z4	Nitrogen Financial Instrument Annual V11	Opt	Electronic	1.8	USD	FRPL	0.6	USD	FRPL	2.4			
CCFE	Chicago Climate Futures Exchange	Energy	Z5	Nitrogen Financial Instrument Annual V12	Fut	Electronic	1.8	USD	FRPL	0.6	USD	FRPL	2.4			
CCFE	Chicago Climate Futures Exchange	Energy	Z5	Nitrogen Financial Instrument Annual V12	Opt	Electronic	1.8	USD	FRPL	0.6	USD	FRPL	2.4			
CCFE	Chicago Climate Futures Exchange	Energy	Z6	Nitrogen Financial Instrument Annual V13	Fut	Electronic	1.8	USD	FRPL	0.6	USD	FRPL	2.4			
CCFE	Chicago Climate Futures Exchange	Energy	Z6	Nitrogen Financial Instrument Annual V13	Opt	Electronic	1.8	USD	FRPL	0.6	USD	FRPL	2.4			
CCFE	Chicago Climate Futures Exchange	Energy	Z7	Nitrogen Financial Instrument Annual V14	Fut	Electronic	1.8	USD	FRPL	0.6	USD	FRPL	2.4			
CCFE	Chicago Climate Futures Exchange	Energy	Z7	Nitrogen Financial Instrument Annual V14	Opt	Electronic	1.8	USD	FRPL	0.6	USD	FRPL	2.4			
CFE	CBOE Futures Exchange	Index	GV	CBOE Gold ETF Volatility Index	Fut	Electronic	0.2	USD	FRPL	0.05	USD	FRPL	0.25	0.2	USD	FRPL
CFE	CBOE Futures Exchange	Index	OV	CBOE Crude Oil Volatility Index	Fut	Electronic	0.2	USD	FRPL	0.05	USD	FRPL	0.25	0.2	USD	FRPL
CFE	CBOE Futures Exchange	Index	RPXCP	25 MSA Composite Radar Logic 28 day Real Estate (RPX) Index	Fut	Electronic	1.2	USD	FRPL	0.05	USD	FRPL	1.25	0.2	USD	FRPL
CFE	CBOE Futures Exchange	Index	VM	Mini CBOE Volatility Index	Fut	Electronic	0.2	USD	FRPL	0.05	USD	FRPL	0.25	0.2	USD	FRPL
CFE	CBOE Futures Exchange	Index	VN	CBOE Nasdaq-100 Volatility Index	Fut	Electronic	1.2	USD	FRPL	0.05	USD	FRPL	1.25	0.2	USD	FRPL

Exch Code	Exch Desc	Comm Group	Prod Code	Product Desc	F/O	Platform	Trd Fee	Trd Fee Cur	Trd Fee Meth	Clr Fee	Clr Fee Cur	Clr Fee Meth	Fee Total	Brk Fee	Brk Fee Cur	Brk Fee Meth
CFE	CBOE Futures Exchange	Index	VX	CBOE Volatility Index	Fut	Electronic	1.2	USD	FRPL	0.05	USD	FRPL	1.25	0.2	USD	FRPL
CFE	CBOE Futures Exchange	Index	VXEM	CBOE Emerging Markets ETF Volatility Index	Fut	Electronic	0.2	USD	FRPL	0.05	USD	FRPL	0.25	0.2	USD	FRPL
CFE	CBOE Futures Exchange	Index	VXEW	CBOE Brazil ETF Volatility Index	Fut	Electronic	0.2	USD	FRPL	0.05	USD	FRPL	0.25	0.2	USD	FRPL
CME	Chicago Mercantile Exchange	Weather		Group: CME3172 (Boston Monthly Snowfall Index)	Fut	Electronic	0.38	USD	FRPL	0.16	USD	FRPL	0.54	0.2	USD	FRPL
CME	Chicago Mercantile Exchange	Weather		Group: CME3173 (Amsterdam Monthly CAT)	Opt	Floor				0.16	USD	FRPL	0.16	0.15	EUR	FRPL
CME	Chicago Mercantile Exchange	Weather		Group: CME3274 (Baltimore-Washington Snowfall Binary Index)	Fut	Electronic	0.38	USD	FRPL	0.16	USD	FRPL	0.54	0.2	USD	FRPL
CME	Chicago Mercantile Exchange	Weather		Group: CME3275 (Amsterdam Monthly CAT)	Fut	Electronic	0.38	USD	FRPL	0.16	USD	FRPL	0.54	0.15	EUR	FRPL
CME	Chicago Mercantile Exchange	Weather		Group: CME3276 (Amsterdam Seasonal CAT Strip Apr)	Fut	Electronic	0.38	USD	FRPL	0.16	USD	FRPL	0.54	0.15	EUR	FRPL
CME	Chicago Mercantile Exchange	Weather		Group: CME3277 (Amsterdam Monthly Heating Degree Day)	Fut	Electronic	0.38	USD	FRPL	0.16	USD	FRPL	0.54	0.15	EUR	FRPL
CME	Chicago Mercantile Exchange	Currency	16A	AUD/USD 1-month Realized Volatility	Fut	Electronic	1	USD	FRPL	0.6	USD	FRPL	1.6	0.2	USD	FRPL
CME	Chicago Mercantile Exchange	Currency	16B	GBP/USD 1-month Realized Volatility	Fut	Electronic	1	USD	FRPL	0.6	USD	FRPL	1.6	0.2	USD	FRPL
CME	Chicago Mercantile Exchange	Currency	16C	CAD/USD 1-month Realized Volatility	Fut	Electronic	1	USD	FRPL	0.6	USD	FRPL	1.6	0.2	USD	FRPL
CME	Chicago Mercantile Exchange	Currency	16E	EUR/USD 1-month Realized Volatility	Fut	Electronic	1	USD	FRPL	0.6	USD	FRPL	1.6	0.2	USD	FRPL
CME	Chicago Mercantile Exchange	Currency	16J	JPY/USD 1-month Realized Volatility	Fut	Electronic	1	USD	FRPL	0.6	USD	FRPL	1.6	0.2	USD	FRPL
CME	Chicago Mercantile Exchange	Currency	16S	CHF/USD 1-month Realized Volatility	Fut	Electronic	1	USD	FRPL	0.6	USD	FRPL	1.6	0.2	USD	FRPL
CME	Chicago Mercantile Exchange	Currency	1A	AUD/USD Week 1	Opt	Electronic	0.5	USD	FRPL	0.6	USD	FRPL	1.1	0.2	USD	FRPL
CME	Chicago Mercantile Exchange	Currency	1A	AUD/USD Week 1	Opt	Floor				0.6	USD	FRPL	0.6	0.2	USD	FRPL
CME	Chicago Mercantile Exchange	Currency	1B	GBP/USD Week 1	Opt	Electronic	0.5	USD	FRPL	0.6	USD	FRPL	1.1	0.2	USD	FRPL
CME	Chicago Mercantile Exchange	Currency	1B	GBP/USD Week 1	Opt	Floor				0.6	USD	FRPL	0.6	0.2	USD	FRPL
CME	Chicago Mercantile Exchange	Currency	1C	CAD/USD Week 1	Opt	Electronic	0.5	USD	FRPL	0.6	USD	FRPL	1.1	0.2	USD	FRPL
CME	Chicago Mercantile Exchange	Currency	1C	CAD/USD Week 1	Opt	Floor				0.6	USD	FRPL	0.6	0.2	USD	FRPL
CME	Chicago Mercantile Exchange	Currency	1D	CAD/USD Week 1 Euro Style	Opt	Electronic	0.5	USD	FRPL	0.6	USD	FRPL	1.1	0.2	USD	FRPL
CME	Chicago Mercantile Exchange	Currency	1D	CAD/USD Week 1 Euro Style	Opt	Floor				0.6	USD	FRPL	0.6	0.2	USD	FRPL
CME	Chicago Mercantile Exchange	Currency	1E	EUR/GBP Week 1	Opt	Electronic	0.5	USD	FRPL	0.6	USD	FRPL	1.1	0.2	USD	FRPL
CME	Chicago Mercantile Exchange	Currency	1E	EUR/GBP Week 1	Opt	Floor				0.6	USD	FRPL	0.6	0.2	USD	FRPL
CME	Chicago Mercantile Exchange	Currency	1H	EUR/JPY Week 1	Opt	Electronic	0.5	USD	FRPL	0.6	USD	FRPL	1.1	15	JPY	FRPL
CME	Chicago Mercantile Exchange	Currency	1H	EUR/JPY Week 1	Opt	Floor				0.6	USD	FRPL	0.6	15	JPY	FRPL
CME	Chicago Mercantile Exchange	Currency	1I	EUR/CHF Week 1	Opt	Electronic	0.5	USD	FRPL	0.6	USD	FRPL	1.1	0.2	CHF	FRPL
CME	Chicago Mercantile Exchange	Currency	1I	EUR/CHF Week 1	Opt	Floor				0.6	USD	FRPL	0.6	0.2	CHF	FRPL
CME	Chicago Mercantile Exchange	Currency	1J	JPY/USD Week 1	Opt	Electronic	0.5	USD	FRPL	0.6	USD	FRPL	1.1	0.2	USD	FRPL
CME	Chicago Mercantile Exchange	Currency	1J	JPY/USD Week 1	Opt	Floor				0.6	USD	FRPL	0.6	0.2	USD	FRPL
CME	Chicago Mercantile Exchange	Int Rate	1K	Eurodollar Mid-curve Week 1	Opt	Electronic	0.25	USD	FRPL	0.64	USD	FRPL	0.89	0.2	USD	FRPL
CME	Chicago Mercantile Exchange	Int Rate	1K	Eurodollar Mid-curve Week 1	Opt	Floor				0.64	USD	FRPL	0.64	0.2	USD	FRPL
CME	Chicago Mercantile Exchange	Currency	1M	MXN/USD Week 1	Opt	Electronic	0.5	USD	FRPL	0.6	USD	FRPL	1.1	0.2	USD	FRPL
CME	Chicago Mercantile Exchange	Currency	1N	ZAR/USD Week 1	Opt	Electronic	0.5	USD	FRPL	0.6	USD	FRPL	1.1	0.2	USD	FRPL
CME	Chicago Mercantile Exchange	Currency	1N	ZAR/USD Week 1	Opt	Floor				0.6	USD	FRPL	0.6	0.2	USD	FRPL
CME	Chicago Mercantile Exchange	Currency	1P	GBP/USD Week 1 Euro Style	Opt	Electronic	0.5	USD	FRPL	0.6	USD	FRPL	1.1	0.2	USD	FRPL
CME	Chicago Mercantile Exchange	Currency	1P	GBP/USD Week 1 Euro Style	Opt	Floor				0.6	USD	FRPL	0.6	0.2	USD	FRPL
CME	Chicago Mercantile Exchange	Currency	1R	BRL/USD Week 1	Opt	Electronic	0.5	USD	FRPL	0.6	USD	FRPL	1.1	0.2	USD	FRPL
CME	Chicago Mercantile Exchange	Currency	1R	BRL/USD Week 1	Opt	Floor				0.6	USD	FRPL	0.6	0.2	USD	FRPL
CME	Chicago Mercantile Exchange	Currency	1S	CHF/USD Week 1	Opt	Electronic	0.5	USD	FRPL	0.6	USD	FRPL	1.1	0.2	USD	FRPL
CME	Chicago Mercantile Exchange	Currency	1S	CHF/USD Week 1	Opt	Floor				0.6	USD	FRPL	0.6	0.2	USD	FRPL
CME	Chicago Mercantile Exchange	Currency	1T	EUR/USD Week 1 Euro Style	Opt	Electronic	0.5	USD	FRPL	0.6	USD	FRPL	1.1	0.2	USD	FRPL
CME	Chicago Mercantile Exchange	Currency	1T	EUR/USD Week 1 Euro Style	Opt	Floor				0.6	USD	FRPL	0.6	0.2	USD	FRPL
CME	Chicago Mercantile Exchange	Currency	1U	RUB/USD Week 1	Opt	Electronic	0.5	USD	FRPL	0.6	USD	FRPL	1.1	0.2	USD	FRPL
CME	Chicago Mercantile Exchange	Currency	1U	RUB/USD Week 1	Opt	Floor				0.6	USD	FRPL	0.6	0.2	USD	FRPL
CME	Chicago Mercantile Exchange	Currency	1W	CHF/USD Week 1 Euro Style	Opt	Electronic	0.5	USD	FRPL	0.6	USD	FRPL	1.1	0.2	USD	FRPL
CME	Chicago Mercantile Exchange	Currency	1W	CHF/USD Week 1 Euro Style	Opt	Floor				0.6	USD	FRPL	0.6	0.2	USD	FRPL
CME	Chicago Mercantile Exchange	Currency	1X	EUR/USD Week 1	Opt	Electronic	0.5	USD	FRPL	0.6	USD	FRPL	1.1	0.2	USD	FRPL
CME	Chicago Mercantile Exchange	Currency	1X	EUR/USD Week 1	Opt	Floor				0.6	USD	FRPL	0.6	0.2	USD	FRPL
CME	Chicago Mercantile Exchange	Currency	1Y	JPY/USD Week 1 Euro Style	Opt	Electronic	0.5	USD	FRPL	0.6	USD	FRPL	1.1	0.2	USD	FRPL
CME	Chicago Mercantile Exchange	Currency	1Y	JPY/USD Week 1 Euro Style	Opt	Floor				0.6	USD	FRPL	0.6	0.2	USD	FRPL
CME	Chicago Mercantile Exchange	Currency	1Z	NZD/USD Week 1	Opt	Electronic	0.5	USD	FRPL	0.6	USD	FRPL	1.1	0.2	USD	FRPL
CME	Chicago Mercantile Exchange	Currency	1Z	NZD/USD Week 1	Opt	Floor				0.6	USD	FRPL	0.6	0.2	USD	FRPL
CME	Chicago Mercantile Exchange	Currency	2A	AUD/USD Week 2	Opt	Electronic	0.5	USD	FRPL	0.6	USD	FRPL	1.1	0.2	USD	FRPL
CME	Chicago Mercantile Exchange	Currency	2A	AUD/USD Week 2	Opt	Floor				0.6	USD	FRPL	0.6	0.2	USD	FRPL
CME	Chicago Mercantile Exchange	Currency	2B	GBP/USD Week 2	Opt	Electronic	0.5	USD	FRPL	0.6	USD	FRPL	1.1	0.2	USD	FRPL
CME	Chicago Mercantile Exchange	Currency	2B	GBP/USD Week 2	Opt	Floor				0.6	USD	FRPL	0.6	0.2	USD	FRPL

Exch Code	Exch Desc	Comm Group	Prod Code	Product Desc	F/O	Platform	Trd Fee	Trd Fee Cur	Trd Fee Meth	Clr Fee	Clr Fee Cur	Clr Fee Meth	Fee Total	Brk Fee	Brk Fee Cur	Brk Fee Meth
CME	Chicago Mercantile Exchange	Currency	2C	CAD/USD Week 2	Opt	Electronic	0.5	USD	FRPL	0.6	USD	FRPL	1.1	0.2	USD	FRPL
CME	Chicago Mercantile Exchange	Currency	2C	CAD/USD Week 2	Opt	Floor				0.6	USD	FRPL	0.6	0.2	USD	FRPL
CME	Chicago Mercantile Exchange	Currency	2D	CAD/USD Week 2 Euro Style	Opt	Electronic	0.5	USD	FRPL	0.6	USD	FRPL	1.1	0.2	USD	FRPL
CME	Chicago Mercantile Exchange	Currency	2D	CAD/USD Week 2 Euro Style	Opt	Floor				0.6	USD	FRPL	0.6	0.2	USD	FRPL
CME	Chicago Mercantile Exchange	Currency	2E	EUR/GBP Week 2	Opt	Electronic	0.5	USD	FRPL	0.6	USD	FRPL	1.1	0.2	USD	FRPL
CME	Chicago Mercantile Exchange	Currency	2E	EUR/GBP Week 2	Opt	Floor				0.6	USD	FRPL	0.6	0.2	USD	FRPL
CME	Chicago Mercantile Exchange	Currency	2H	EUR/JPY Week 2	Opt	Electronic	0.5	USD	FRPL	0.6	USD	FRPL	1.1	15	JPY	FRPL
CME	Chicago Mercantile Exchange	Currency	2H	EUR/JPY Week 2	Opt	Floor				0.6	USD	FRPL	0.6	15	JPY	FRPL
CME	Chicago Mercantile Exchange	Currency	2I	EUR/CHF Week 2	Opt	Electronic	0.5	USD	FRPL	0.6	USD	FRPL	1.1	0.2	CHF	FRPL
CME	Chicago Mercantile Exchange	Currency	2I	EUR/CHF Week 2	Opt	Floor				0.6	USD	FRPL	0.6	0.2	CHF	FRPL
CME	Chicago Mercantile Exchange	Currency	2J	JPY/USD Week 2	Opt	Electronic	0.5	USD	FRPL	0.6	USD	FRPL	1.1	0.2	USD	FRPL
CME	Chicago Mercantile Exchange	Currency	2J	JPY/USD Week 2	Opt	Floor				0.6	USD	FRPL	0.6	0.2	USD	FRPL
CME	Chicago Mercantile Exchange	Int Rate	2K	Eurodollar Mid-curve Week 2	Opt	Electronic	0.25	USD	FRPL	0.64	USD	FRPL	0.89	0.2	USD	FRPL
CME	Chicago Mercantile Exchange	Int Rate	2K	Eurodollar Mid-curve Week 2	Opt	Floor				0.64	USD	FRPL	0.64	0.2	USD	FRPL
CME	Chicago Mercantile Exchange	Currency	2M	MXN/USD Week 2	Opt	Electronic	0.5	USD	FRPL	0.6	USD	FRPL	1.1	0.2	USD	FRPL
CME	Chicago Mercantile Exchange	Currency	2N	ZAR/USD Week 2	Opt	Electronic	0.5	USD	FRPL	0.6	USD	FRPL	1.1	0.2	USD	FRPL
CME	Chicago Mercantile Exchange	Currency	2N	ZAR/USD Week 2	Opt	Floor				0.6	USD	FRPL	0.6	0.2	USD	FRPL
CME	Chicago Mercantile Exchange	Currency	2P	GBP/USD Week 2 Euro Style	Opt	Electronic	0.5	USD	FRPL	0.6	USD	FRPL	1.1	0.2	USD	FRPL
CME	Chicago Mercantile Exchange	Currency	2P	GBP/USD Week 2 Euro Style	Opt	Floor				0.6	USD	FRPL	0.6	0.2	USD	FRPL
CME	Chicago Mercantile Exchange	Currency	2R	BRL/USD Week 2	Opt	Electronic	0.5	USD	FRPL	0.6	USD	FRPL	1.1	0.2	USD	FRPL
CME	Chicago Mercantile Exchange	Currency	2R	BRL/USD Week 2	Opt	Floor				0.6	USD	FRPL	0.6	0.2	USD	FRPL
CME	Chicago Mercantile Exchange	Currency	2S	CHF/USD Week 2	Opt	Electronic	0.5	USD	FRPL	0.6	USD	FRPL	1.1	0.2	USD	FRPL
CME	Chicago Mercantile Exchange	Currency	2S	CHF/USD Week 2	Opt	Floor				0.6	USD	FRPL	0.6	0.2	USD	FRPL
CME	Chicago Mercantile Exchange	Currency	2T	EUR/USD Week 2 Euro Style	Opt	Electronic	0.5	USD	FRPL	0.6	USD	FRPL	1.1	0.2	USD	FRPL
CME	Chicago Mercantile Exchange	Currency	2T	EUR/USD Week 2 Euro Style	Opt	Floor				0.6	USD	FRPL	0.6	0.2	USD	FRPL
CME	Chicago Mercantile Exchange	Currency	2U	RUB/USD Week 2	Opt	Electronic	0.5	USD	FRPL	0.6	USD	FRPL	1.1	0.2	USD	FRPL
CME	Chicago Mercantile Exchange	Currency	2U	RUB/USD Week 2	Opt	Floor				0.6	USD	FRPL	0.6	0.2	USD	FRPL
CME	Chicago Mercantile Exchange	Currency	2W	CHF/USD Week 2 Euro Style	Opt	Electronic	0.5	USD	FRPL	0.6	USD	FRPL	1.1	0.2	USD	FRPL
CME	Chicago Mercantile Exchange	Currency	2W	CHF/USD Week 2 Euro Style	Opt	Floor				0.6	USD	FRPL	0.6	0.2	USD	FRPL
CME	Chicago Mercantile Exchange	Currency	2X	EUR/USD Week 2	Opt	Electronic	0.5	USD	FRPL	0.6	USD	FRPL	1.1	0.2	USD	FRPL
CME	Chicago Mercantile Exchange	Currency	2X	EUR/USD Week 2	Opt	Floor				0.6	USD	FRPL	0.6	0.2	USD	FRPL
CME	Chicago Mercantile Exchange	Currency	2Y	JPY/USD Week 2 Euro Style	Opt	Electronic	0.5	USD	FRPL	0.6	USD	FRPL	1.1	0.2	USD	FRPL
CME	Chicago Mercantile Exchange	Currency	2Y	JPY/USD Week 2 Euro Style	Opt	Floor				0.6	USD	FRPL	0.6	0.2	USD	FRPL
CME	Chicago Mercantile Exchange	Currency	2Z	NZD/USD Week 2	Opt	Electronic	0.5	USD	FRPL	0.6	USD	FRPL	1.1	0.2	USD	FRPL
CME	Chicago Mercantile Exchange	Currency	2Z	NZD/USD Week 2	Opt	Floor				0.6	USD	FRPL	0.6	0.2	USD	FRPL
CME	Chicago Mercantile Exchange	Currency	36A	AUD/USD 3-month Realized Volatility	Fut	Electronic	1	USD	FRPL	0.6	USD	FRPL	1.6	0.2	USD	FRPL
CME	Chicago Mercantile Exchange	Currency	36B	GBP/USD 3-month Realized Volatility	Fut	Electronic	1	USD	FRPL	0.6	USD	FRPL	1.6	0.2	USD	FRPL
CME	Chicago Mercantile Exchange	Currency	36C	CAD/USD 3-month Realized Volatility	Fut	Electronic	1	USD	FRPL	0.6	USD	FRPL	1.6	0.2	USD	FRPL
CME	Chicago Mercantile Exchange	Currency	36E	EUR/USD 3-month Realized Volatility	Fut	Electronic	1	USD	FRPL	0.6	USD	FRPL	1.6	0.2	USD	FRPL
CME	Chicago Mercantile Exchange	Currency	36J	JPY/USD 3-month Realized Volatility	Fut	Electronic	1	USD	FRPL	0.6	USD	FRPL	1.6	0.2	USD	FRPL
CME	Chicago Mercantile Exchange	Currency	36S	CHF/USD 3-month Realized Volatility	Fut	Electronic	1	USD	FRPL	0.6	USD	FRPL	1.6	0.2	USD	FRPL
CME	Chicago Mercantile Exchange	Currency	3A	AUD/USD Week 3	Opt	Electronic	0.5	USD	FRPL	0.6	USD	FRPL	1.1	0.2	USD	FRPL
CME	Chicago Mercantile Exchange	Currency	3A	AUD/USD Week 3	Opt	Floor				0.6	USD	FRPL	0.6	0.2	USD	FRPL
CME	Chicago Mercantile Exchange	Currency	3B	GBP/USD Week 3	Opt	Electronic	0.5	USD	FRPL	0.6	USD	FRPL	1.1	0.2	USD	FRPL
CME	Chicago Mercantile Exchange	Currency	3B	GBP/USD Week 3	Opt	Floor				0.6	USD	FRPL	0.6	0.2	USD	FRPL
CME	Chicago Mercantile Exchange	Currency	3C	CAD/USD Week 3	Opt	Electronic	0.5	USD	FRPL	0.6	USD	FRPL	1.1	0.2	USD	FRPL
CME	Chicago Mercantile Exchange	Currency	3C	CAD/USD Week 3	Opt	Floor				0.6	USD	FRPL	0.6	0.2	USD	FRPL
CME	Chicago Mercantile Exchange	Currency	3D	CAD/USD Week 3 Euro Style	Opt	Electronic	0.5	USD	FRPL	0.6	USD	FRPL	1.1	0.2	USD	FRPL
CME	Chicago Mercantile Exchange	Currency	3D	CAD/USD Week 3 Euro Style	Opt	Floor				0.6	USD	FRPL	0.6	0.2	USD	FRPL
CME	Chicago Mercantile Exchange	Currency	3E	EUR/GBP Week 3	Opt	Electronic	0.5	USD	FRPL	0.6	USD	FRPL	1.1	0.2	USD	FRPL
CME	Chicago Mercantile Exchange	Currency	3E	EUR/GBP Week 3	Opt	Floor				0.6	USD	FRPL	0.6	0.2	USD	FRPL
CME	Chicago Mercantile Exchange	Currency	3H	EUR/JPY Week 3	Opt	Electronic	0.5	USD	FRPL	0.6	USD	FRPL	1.1	15	JPY	FRPL
CME	Chicago Mercantile Exchange	Currency	3H	EUR/JPY Week 3	Opt	Floor				0.6	USD	FRPL	0.6	15	JPY	FRPL
CME	Chicago Mercantile Exchange	Currency	3I	EUR/CHF Week 3	Opt	Electronic	0.5	USD	FRPL	0.6	USD	FRPL	1.1	0.2	CHF	FRPL
CME	Chicago Mercantile Exchange	Currency	3I	EUR/CHF Week 3	Opt	Floor				0.6	USD	FRPL	0.6	0.2	CHF	FRPL
CME	Chicago Mercantile Exchange	Currency	3J	JPY/USD Week 3	Opt	Electronic	0.5	USD	FRPL	0.6	USD	FRPL	1.1	0.2	USD	FRPL
CME	Chicago Mercantile Exchange	Currency	3J	JPY/USD Week 3	Opt	Floor				0.6	USD	FRPL	0.6	0.2	USD	FRPL
CME	Chicago Mercantile Exchange	Int Rate	3K	Eurodollar Mid-curve Week 3	Opt	Electronic	0.25	USD	FRPL	0.64	USD	FRPL	0.89	0.2	USD	FRPL
CME	Chicago Mercantile Exchange	Int Rate	3K	Eurodollar Mid-curve Week 3	Opt	Floor				0.64	USD	FRPL	0.64	0.2	USD	FRPL

Exch Code	Exch Desc	Comm Group	Prod Code	Product Desc	F/O	Platform	Trd Fee	Trd Fee Cur	Trd Fee Meth	Clr Fee	Clr Fee Cur	Clr Fee Meth	Fee Total	Brk Fee	Brk Fee Cur	Brk Fee Meth
CME	Chicago Mercantile Exchange	Currency	3M	MXN/USD Week 3	Opt	Electronic	0.5	USD	FRPL	0.6	USD	FRPL	1.1	0.2	USD	FRPL
CME	Chicago Mercantile Exchange	Currency	3N	ZAR/USD Week 3	Opt	Electronic	0.5	USD	FRPL	0.6	USD	FRPL	1.1	0.2	USD	FRPL
CME	Chicago Mercantile Exchange	Currency	3N	ZAR/USD Week 3	Opt	Floor				0.6	USD	FRPL	0.6	0.2	USD	FRPL
CME	Chicago Mercantile Exchange	Currency	3P	GBP/USD Week 3 Euro Style	Opt	Electronic	0.5	USD	FRPL	0.6	USD	FRPL	1.1	0.2	USD	FRPL
CME	Chicago Mercantile Exchange	Currency	3P	GBP/USD Week 3 Euro Style	Opt	Floor				0.6	USD	FRPL	0.6	0.2	USD	FRPL
CME	Chicago Mercantile Exchange	Currency	3R	BRL/USD Week 3	Opt	Electronic	0.5	USD	FRPL	0.6	USD	FRPL	1.1	0.2	USD	FRPL
CME	Chicago Mercantile Exchange	Currency	3R	BRL/USD Week 3	Opt	Floor				0.6	USD	FRPL	0.6	0.2	USD	FRPL
CME	Chicago Mercantile Exchange	Currency	3S	CHF/USD Week 3	Opt	Electronic	0.5	USD	FRPL	0.6	USD	FRPL	1.1	0.2	USD	FRPL
CME	Chicago Mercantile Exchange	Currency	3S	CHF/USD Week 3	Opt	Floor				0.6	USD	FRPL	0.6	0.2	USD	FRPL
CME	Chicago Mercantile Exchange	Currency	3T	EUR/USD Week 3 Euro Style	Opt	Electronic	0.5	USD	FRPL	0.6	USD	FRPL	1.1	0.2	USD	FRPL
CME	Chicago Mercantile Exchange	Currency	3T	EUR/USD Week 3 Euro Style	Opt	Floor				0.6	USD	FRPL	0.6	0.2	USD	FRPL
CME	Chicago Mercantile Exchange	Currency	3U	RUB/USD Week 3	Opt	Electronic	0.5	USD	FRPL	0.6	USD	FRPL	1.1	0.2	USD	FRPL
CME	Chicago Mercantile Exchange	Currency	3U	RUB/USD Week 3	Opt	Floor				0.6	USD	FRPL	0.6	0.2	USD	FRPL
CME	Chicago Mercantile Exchange	Currency	3W	CHF/USD Week 3 Euro Style	Opt	Electronic	0.5	USD	FRPL	0.6	USD	FRPL	1.1	0.2	USD	FRPL
CME	Chicago Mercantile Exchange	Currency	3W	CHF/USD Week 3 Euro Style	Opt	Floor				0.6	USD	FRPL	0.6	0.2	USD	FRPL
CME	Chicago Mercantile Exchange	Currency	3X	EUR/USD Week 3	Opt	Electronic	0.5	USD	FRPL	0.6	USD	FRPL	1.1	0.2	USD	FRPL
CME	Chicago Mercantile Exchange	Currency	3X	EUR/USD Week 3	Opt	Floor				0.6	USD	FRPL	0.6	0.2	USD	FRPL
CME	Chicago Mercantile Exchange	Currency	3Y	JPY/USD Week 3 Euro Style	Opt	Electronic	0.5	USD	FRPL	0.6	USD	FRPL	1.1	0.2	USD	FRPL
CME	Chicago Mercantile Exchange	Currency	3Y	JPY/USD Week 3 Euro Style	Opt	Floor				0.6	USD	FRPL	0.6	0.2	USD	FRPL
CME	Chicago Mercantile Exchange	Currency	3Z	NZD/USD Week 3	Opt	Electronic	0.5	USD	FRPL	0.6	USD	FRPL	1.1	0.2	USD	FRPL
CME	Chicago Mercantile Exchange	Currency	3Z	NZD/USD Week 3	Opt	Floor				0.6	USD	FRPL	0.6	0.2	USD	FRPL
CME	Chicago Mercantile Exchange	Agri	48	Live Cattle	Fut	Electronic	1.25	USD	FRPL	0.64	USD	FRPL	1.89	0.2	USD	FRPL
CME	Chicago Mercantile Exchange	Agri	48	Live Cattle	Fut	Floor				0.64	USD	FRPL	0.64	0.2	USD	FRPL
CME	Chicago Mercantile Exchange	Agri	48	Live Cattle	Opt	Electronic	0.65	USD	FRPL	0.64	USD	FRPL	1.29	0.2	USD	FRPL
CME	Chicago Mercantile Exchange	Agri	48	Live Cattle	Opt	Floor				0.64	USD	FRPL	0.64	0.2	USD	FRPL
CME	Chicago Mercantile Exchange	Currency	4A	AUD/USD Week 4	Opt	Electronic	0.5	USD	FRPL	0.6	USD	FRPL	1.1	0.2	USD	FRPL
CME	Chicago Mercantile Exchange	Currency	4A	AUD/USD Week 4	Opt	Floor				0.6	USD	FRPL	0.6	0.2	USD	FRPL
CME	Chicago Mercantile Exchange	Currency	4B	GBP/USD Week 4	Opt	Electronic	0.5	USD	FRPL	0.6	USD	FRPL	1.1	0.2	USD	FRPL
CME	Chicago Mercantile Exchange	Currency	4B	GBP/USD Week 4	Opt	Floor				0.6	USD	FRPL	0.6	0.2	USD	FRPL
CME	Chicago Mercantile Exchange	Currency	4C	CAD/USD Week 4	Opt	Electronic	0.5	USD	FRPL	0.6	USD	FRPL	1.1	0.2	USD	FRPL
CME	Chicago Mercantile Exchange	Currency	4C	CAD/USD Week 4	Opt	Floor				0.6	USD	FRPL	0.6	0.2	USD	FRPL
CME	Chicago Mercantile Exchange	Currency	4D	CAD/USD Week 4 Euro Style	Opt	Electronic	0.5	USD	FRPL	0.6	USD	FRPL	1.1	0.2	USD	FRPL
CME	Chicago Mercantile Exchange	Currency	4D	CAD/USD Week 4 Euro Style	Opt	Floor				0.6	USD	FRPL	0.6	0.2	USD	FRPL
CME	Chicago Mercantile Exchange	Currency	4E	EUR/GBP Week 4	Opt	Electronic	0.5	USD	FRPL	0.6	USD	FRPL	1.1	0.2	USD	FRPL
CME	Chicago Mercantile Exchange	Currency	4E	EUR/GBP Week 4	Opt	Floor				0.6	USD	FRPL	0.6	0.2	USD	FRPL
CME	Chicago Mercantile Exchange	Currency	4H	EUR/JPY Week 4	Opt	Electronic	0.5	USD	FRPL	0.6	USD	FRPL	1.1	15	JPY	FRPL
CME	Chicago Mercantile Exchange	Currency	4H	EUR/JPY Week 4	Opt	Floor				0.6	USD	FRPL	0.6	15	JPY	FRPL
CME	Chicago Mercantile Exchange	Currency	4I	EUR/CHF Week 4	Opt	Electronic	0.5	USD	FRPL	0.6	USD	FRPL	1.1	0.2	CHF	FRPL
CME	Chicago Mercantile Exchange	Currency	4I	EUR/CHF Week 4	Opt	Floor				0.6	USD	FRPL	0.6	0.2	CHF	FRPL
CME	Chicago Mercantile Exchange	Currency	4J	JPY/USD Week 4	Opt	Electronic	0.5	USD	FRPL	0.6	USD	FRPL	1.1	0.2	USD	FRPL
CME	Chicago Mercantile Exchange	Currency	4J	JPY/USD Week 4	Opt	Floor				0.6	USD	FRPL	0.6	0.2	USD	FRPL
CME	Chicago Mercantile Exchange	Int Rate	4K	Eurodollar Mid-curve Week 4	Opt	Electronic	0.25	USD	FRPL	0.64	USD	FRPL	0.89	0.2	USD	FRPL
CME	Chicago Mercantile Exchange	Int Rate	4K	Eurodollar Mid-curve Week 4	Opt	Floor				0.64	USD	FRPL	0.64	0.2	USD	FRPL
CME	Chicago Mercantile Exchange	Currency	4M	MXN/USD Week 4	Opt	Electronic	0.5	USD	FRPL	0.6	USD	FRPL	1.1	0.2	USD	FRPL
CME	Chicago Mercantile Exchange	Currency	4N	ZAR/USD Week 4	Opt	Electronic	0.5	USD	FRPL	0.6	USD	FRPL	1.1	0.2	USD	FRPL
CME	Chicago Mercantile Exchange	Currency	4N	ZAR/USD Week 4	Opt	Floor				0.6	USD	FRPL	0.6	0.2	USD	FRPL
CME	Chicago Mercantile Exchange	Currency	4P	GBP/USD Week 4 Euro style	Opt	Electronic	0.5	USD	FRPL	0.6	USD	FRPL	1.1	0.2	USD	FRPL
CME	Chicago Mercantile Exchange	Currency	4P	GBP/USD Week 4 Euro style	Opt	Floor				0.6	USD	FRPL	0.6	0.2	USD	FRPL
CME	Chicago Mercantile Exchange	Currency	4R	BRL/USD Week 4	Opt	Electronic	0.5	USD	FRPL	0.6	USD	FRPL	1.1	0.2	USD	FRPL
CME	Chicago Mercantile Exchange	Currency	4R	BRL/USD Week 4	Opt	Floor				0.6	USD	FRPL	0.6	0.2	USD	FRPL
CME	Chicago Mercantile Exchange	Currency	4S	CHF/USD Week 4	Opt	Electronic	0.5	USD	FRPL	0.6	USD	FRPL	1.1	0.2	USD	FRPL
CME	Chicago Mercantile Exchange	Currency	4S	CHF/USD Week 4	Opt	Floor				0.6	USD	FRPL	0.6	0.2	USD	FRPL
CME	Chicago Mercantile Exchange	Currency	4T	EUR/USD Week 4 Euro Style	Opt	Electronic	0.5	USD	FRPL	0.6	USD	FRPL	1.1	0.2	USD	FRPL
CME	Chicago Mercantile Exchange	Currency	4T	EUR/USD Week 4 Euro Style	Opt	Floor				0.6	USD	FRPL	0.6	0.2	USD	FRPL
CME	Chicago Mercantile Exchange	Currency	4U	RUB/USD Week 4	Opt	Electronic	0.5	USD	FRPL	0.6	USD	FRPL	1.1	0.2	USD	FRPL
CME	Chicago Mercantile Exchange	Currency	4U	RUB/USD Week 4	Opt	Floor				0.6	USD	FRPL	0.6	0.2	USD	FRPL
CME	Chicago Mercantile Exchange	Currency	4W	CHF/USD Week 4 Euro Style	Opt	Electronic	0.5	USD	FRPL	0.6	USD	FRPL	1.1	0.2	USD	FRPL
CME	Chicago Mercantile Exchange	Currency	4W	CHF/USD Week 4 Euro Style	Opt	Floor				0.6	USD	FRPL	0.6	0.2	USD	FRPL
CME	Chicago Mercantile Exchange	Currency	4X	EUR/USD Week 4	Opt	Electronic	0.5	USD	FRPL	0.6	USD	FRPL	1.1	0.2	USD	FRPL

Exch Code	Exch Desc	Comm Group	Prod Code	Product Desc	F/O	Platform	Trd Fee	Trd Fee Cur	Trd Fee Meth	Clr Fee	Clr Fee Cur	Clr Fee Meth	Fee Total	Brk Fee	Brk Fee Cur	Brk Fee Meth
CME	Chicago Mercantile Exchange	Currency	4X	EUR/USD Week 4	Opt	Floor				0.6	USD	FRPL	0.6	0.2	USD	FRPL
CME	Chicago Mercantile Exchange	Currency	4Y	JPY/USD Week 4 Euro Style	Opt	Electronic	0.5	USD	FRPL	0.6	USD	FRPL	1.1	0.2	USD	FRPL
CME	Chicago Mercantile Exchange	Currency	4Y	JPY/USD Week 4 Euro Style	Opt	Floor				0.6	USD	FRPL	0.6	0.2	USD	FRPL
CME	Chicago Mercantile Exchange	Currency	4Z	NZD/USD Week 4	Opt	Electronic	0.5	USD	FRPL	0.6	USD	FRPL	1.1	0.2	USD	FRPL
CME	Chicago Mercantile Exchange	Currency	4Z	NZD/USD Week 4	Opt	Floor				0.6	USD	FRPL	0.6	0.2	USD	FRPL
CME	Chicago Mercantile Exchange	Currency	5A	AUD/USD Week 5	Opt	Electronic	0.5	USD	FRPL	0.6	USD	FRPL	1.1	0.2	USD	FRPL
CME	Chicago Mercantile Exchange	Currency	5A	AUD/USD Week 5	Opt	Floor				0.6	USD	FRPL	0.6	0.2	USD	FRPL
CME	Chicago Mercantile Exchange	Currency	5B	GBP/USD Week 5	Opt	Electronic	0.5	USD	FRPL	0.6	USD	FRPL	1.1	0.2	USD	FRPL
CME	Chicago Mercantile Exchange	Currency	5B	GBP/USD Week 5	Opt	Floor				0.6	USD	FRPL	0.6	0.2	USD	FRPL
CME	Chicago Mercantile Exchange	Currency	5C	CAD/USD Week 5	Opt	Electronic	0.5	USD	FRPL	0.6	USD	FRPL	1.1	0.2	USD	FRPL
CME	Chicago Mercantile Exchange	Currency	5C	CAD/USD Week 5	Opt	Floor				0.6	USD	FRPL	0.6	0.2	USD	FRPL
CME	Chicago Mercantile Exchange	Currency	5D	CAD/USD Week 5 Euro Style	Opt	Electronic	0.5	USD	FRPL	0.6	USD	FRPL	1.1	0.2	USD	FRPL
CME	Chicago Mercantile Exchange	Currency	5D	CAD/USD Week 5 Euro Style	Opt	Floor				0.6	USD	FRPL	0.6	0.2	USD	FRPL
CME	Chicago Mercantile Exchange	Currency	5E	EUR/GBP Week 5	Opt	Electronic	0.5	USD	FRPL	0.6	USD	FRPL	1.1	0.2	USD	FRPL
CME	Chicago Mercantile Exchange	Currency	5E	EUR/GBP Week 5	Opt	Floor				0.6	USD	FRPL	0.6	0.2	USD	FRPL
CME	Chicago Mercantile Exchange	Currency	5H	EUR/JPY Week 5	Opt	Electronic	0.5	USD	FRPL	0.6	USD	FRPL	1.1	15	JPY	FRPL
CME	Chicago Mercantile Exchange	Currency	5H	EUR/JPY Week 5	Opt	Floor				0.6	USD	FRPL	0.6	15	JPY	FRPL
CME	Chicago Mercantile Exchange	Currency	5I	EUR/CHF Week 5	Opt	Electronic	0.5	USD	FRPL	0.6	USD	FRPL	1.1	0.2	CHF	FRPL
CME	Chicago Mercantile Exchange	Currency	5I	EUR/CHF Week 5	Opt	Floor				0.6	USD	FRPL	0.6	0.2	CHF	FRPL
CME	Chicago Mercantile Exchange	Currency	5J	JPY/USD Week 5	Opt	Electronic	0.5	USD	FRPL	0.6	USD	FRPL	1.1	0.2	USD	FRPL
CME	Chicago Mercantile Exchange	Currency	5J	JPY/USD Week 5	Opt	Floor				0.6	USD	FRPL	0.6	0.2	USD	FRPL
CME	Chicago Mercantile Exchange	Int Rate	5K	Eurodollar Mid-curve Week 5	Opt	Electronic	0.25	USD	FRPL	0.64	USD	FRPL	0.89	0.2	USD	FRPL
CME	Chicago Mercantile Exchange	Int Rate	5K	Eurodollar Mid-curve Week 5	Opt	Floor				0.64	USD	FRPL	0.64	0.2	USD	FRPL
CME	Chicago Mercantile Exchange	Currency	5M	MXN/USD Week 5	Opt	Electronic	0.5	USD	FRPL	0.6	USD	FRPL	1.1	0.2	USD	FRPL
CME	Chicago Mercantile Exchange	Currency	5N	ZAR/USD Week 5	Opt	Electronic	0.5	USD	FRPL	0.6	USD	FRPL	1.1	0.2	USD	FRPL
CME	Chicago Mercantile Exchange	Currency	5N	ZAR/USD Week 5	Opt	Floor				0.6	USD	FRPL	0.6	0.2	USD	FRPL
CME	Chicago Mercantile Exchange	Currency	5P	GBP/USD Week 5 Euro Style	Opt	Electronic	0.5	USD	FRPL	0.6	USD	FRPL	1.1	0.2	USD	FRPL
CME	Chicago Mercantile Exchange	Currency	5P	GBP/USD Week 5 Euro Style	Opt	Floor				0.6	USD	FRPL	0.6	0.2	USD	FRPL
CME	Chicago Mercantile Exchange	Currency	5S	CHF/USD Week 5	Opt	Electronic	0.5	USD	FRPL	0.6	USD	FRPL	1.1	0.2	USD	FRPL
CME	Chicago Mercantile Exchange	Currency	5S	CHF/USD Week 5	Opt	Floor				0.6	USD	FRPL	0.6	0.2	USD	FRPL
CME	Chicago Mercantile Exchange	Currency	5T	EUR/USD Week 5 Euro Style	Opt	Electronic	0.5	USD	FRPL	0.6	USD	FRPL	1.1	0.2	USD	FRPL
CME	Chicago Mercantile Exchange	Currency	5T	EUR/USD Week 5 Euro Style	Opt	Floor				0.6	USD	FRPL	0.6	0.2	USD	FRPL
CME	Chicago Mercantile Exchange	Currency	5U	RUB/USD Week 5	Opt	Electronic	0.5	USD	FRPL	0.6	USD	FRPL	1.1	0.2	USD	FRPL
CME	Chicago Mercantile Exchange	Currency	5U	RUB/USD Week 5	Opt	Floor				0.6	USD	FRPL	0.6	0.2	USD	FRPL
CME	Chicago Mercantile Exchange	Currency	5W	CHF/USD Week 5 Euro Style	Opt	Electronic	0.5	USD	FRPL	0.6	USD	FRPL	1.1	0.2	USD	FRPL
CME	Chicago Mercantile Exchange	Currency	5W	CHF/USD Week 5 Euro Style	Opt	Floor				0.6	USD	FRPL	0.6	0.2	USD	FRPL
CME	Chicago Mercantile Exchange	Currency	5X	EUR/USD Week 5	Opt	Electronic	0.5	USD	FRPL	0.6	USD	FRPL	1.1	0.2	USD	FRPL
CME	Chicago Mercantile Exchange	Currency	5X	EUR/USD Week 5	Opt	Floor				0.6	USD	FRPL	0.6	0.2	USD	FRPL
CME	Chicago Mercantile Exchange	Currency	5Y	JPY/USD Week 5 Euro Style	Opt	Electronic	0.5	USD	FRPL	0.6	USD	FRPL	1.1	0.2	USD	FRPL
CME	Chicago Mercantile Exchange	Currency	5Y	JPY/USD Week 5 Euro Style	Opt	Floor				0.6	USD	FRPL	0.6	0.2	USD	FRPL
CME	Chicago Mercantile Exchange	Currency	5Z	NZD/USD Week 5	Opt	Electronic	0.5	USD	FRPL	0.6	USD	FRPL	1.1	0.2	USD	FRPL
CME	Chicago Mercantile Exchange	Currency	5Z	NZD/USD Week 5	Opt	Floor				0.6	USD	FRPL	0.6	0.2	USD	FRPL
CME	Chicago Mercantile Exchange	Agri	62	Feeder Cattle	Fut	Electronic	1.25	USD	FRPL	0.64	USD	FRPL	1.89	0.2	USD	FRPL
CME	Chicago Mercantile Exchange	Agri	62	Feeder Cattle	Fut	Floor				0.64	USD	FRPL	0.64	0.2	USD	FRPL
CME	Chicago Mercantile Exchange	Agri	62	Feeder Cattle	Opt	Electronic	0.65	USD	FRPL	0.64	USD	FRPL	1.29	0.2	USD	FRPL
CME	Chicago Mercantile Exchange	Agri	62	Feeder Cattle	Opt	Floor				0.64	USD	FRPL	0.64	0.2	USD	FRPL
CME	Chicago Mercantile Exchange	Agri	AA	Butter Spot Call	Fut	Floor				0.64	USD	FRPL	0.64	0.2	USD	FRPL
CME	Chicago Mercantile Exchange	Currency	AC	AUD/CAD	Fut	Electronic	1	USD	FRPL	0.6	USD	FRPL	1.6	0.2	CAD	FRPL
CME	Chicago Mercantile Exchange	Currency	AC	AUD/CAD	Fut	Floor				0.6	USD	FRPL	0.6	0.2	CAD	FRPL
CME	Chicago Mercantile Exchange	Currency	AD	AUD/USD	Fut	Electronic	1	USD	FRPL	0.6	USD	FRPL	1.6	0.2	USD	FRPL
CME	Chicago Mercantile Exchange	Currency	AD	AUD/USD	Fut	Floor				0.6	USD	FRPL	0.6	0.2	USD	FRPL
CME	Chicago Mercantile Exchange	Currency	AD	AUD/USD	Opt	Electronic	0.5	USD	FRPL	0.6	USD	FRPL	1.1	0.2	USD	FRPL
CME	Chicago Mercantile Exchange	Currency	AD	AUD/USD	Opt	Floor				0.6	USD	FRPL	0.6	0.2	USD	FRPL
CME	Chicago Mercantile Exchange	Currency	AD1	AUD/USD Week 1 Euro Style	Opt	Electronic	0.5	USD	FRPL	0.6	USD	FRPL	1.1	0.2	USD	FRPL
CME	Chicago Mercantile Exchange	Currency	AD1	AUD/USD Week 1 Euro Style	Opt	Floor				0.6	USD	FRPL	0.6	0.2	USD	FRPL
CME	Chicago Mercantile Exchange	Currency	AD2	AUD/USD Week 2 Euro Style	Opt	Electronic	0.5	USD	FRPL	0.6	USD	FRPL	1.1	0.2	USD	FRPL
CME	Chicago Mercantile Exchange	Currency	AD2	AUD/USD Week 2 Euro Style	Opt	Floor				0.6	USD	FRPL	0.6	0.2	USD	FRPL
CME	Chicago Mercantile Exchange	Currency	AD3	AUD/USD Week 3 Euro Style	Opt	Electronic	0.5	USD	FRPL	0.6	USD	FRPL	1.1	0.2	USD	FRPL
CME	Chicago Mercantile Exchange	Currency	AD3	AUD/USD Week 3 Euro Style	Opt	Floor				0.6	USD	FRPL	0.6	0.2	USD	FRPL

Exch Code	Exch Desc	Comm Group	Prod Code	Product Desc	F/O	Platform	Trd Fee	Trd Fee Cur	Trd Fee Meth	Clr Fee	Clr Fee Cur	Clr Fee Meth	Fee Total	Brk Fee	Brk Fee Cur	Brk Fee Meth
CME	Chicago Mercantile Exchange	Currency	AD4	AUD/USD Week 4 Euro Style	Opt	Electronic	0.5	USD	FRPL	0.6	USD	FRPL	1.1	0.2	USD	FRPL
CME	Chicago Mercantile Exchange	Currency	AD4	AUD/USD Week 4 Euro Style	Opt	Floor				0.6	USD	FRPL	0.6	0.2	USD	FRPL
CME	Chicago Mercantile Exchange	Currency	AD5	AUD/USD Week 5 Euro Style	Opt	Electronic	0.5	USD	FRPL	0.6	USD	FRPL	1.1	0.2	USD	FRPL
CME	Chicago Mercantile Exchange	Currency	AD5	AUD/USD Week 5 Euro Style	Opt	Floor				0.6	USD	FRPL	0.6	0.2	USD	FRPL
CME	Chicago Mercantile Exchange	Currency	AJ	AUD/JPY	Fut	Electronic	1	USD	FRPL	0.6	USD	FRPL	1.6	15	JPY	FRPL
CME	Chicago Mercantile Exchange	Currency	AJ	AUD/JPY	Fut	Floor				0.6	USD	FRPL	0.6	15	JPY	FRPL
CME	Chicago Mercantile Exchange	Currency	AN	AUD/NZD	Fut	Electronic	1	USD	FRPL	0.6	USD	FRPL	1.6	0.2	USD	FRPL
CME	Chicago Mercantile Exchange	Currency	AN	AUD/NZD	Fut	Floor				0.6	USD	FRPL	0.6	0.2	USD	FRPL
CME	Chicago Mercantile Exchange	Currency	BF	GBP/CHF	Fut	Electronic	1	USD	FRPL	0.6	USD	FRPL	1.6	0.2	CHF	FRPL
CME	Chicago Mercantile Exchange	Index	BOS	Boston CSI	Fut	Electronic	0.75	USD	FRPL	0.39	USD	FRPL	1.14	0.2	USD	FRPL
CME	Chicago Mercantile Exchange	Index	BOS	Boston CSI	Opt	Floor				0.39	USD	FRPL	0.39	0.2	USD	FRPL
CME	Chicago Mercantile Exchange	Currency	BP	GBP/USD	Fut	Electronic	1	USD	FRPL	0.6	USD	FRPL	1.6	0.2	USD	FRPL
CME	Chicago Mercantile Exchange	Currency	BP	GBP/USD	Fut	Floor				0.6	USD	FRPL	0.6	0.2	USD	FRPL
CME	Chicago Mercantile Exchange	Currency	BP	GBP/USD	Opt	Electronic	0.5	USD	FRPL	0.6	USD	FRPL	1.1	0.2	USD	FRPL
CME	Chicago Mercantile Exchange	Currency	BP	GBP/USD	Opt	Floor				0.6	USD	FRPL	0.6	0.2	USD	FRPL
CME	Chicago Mercantile Exchange	Index	BQ	E-Mini NASDAQ Biotechnology	Fut	Electronic	0.75	USD	FRPL	0.39	USD	FRPL	1.14	0.2	USD	FRPL
CME	Chicago Mercantile Exchange	Currency	BR	BRL/USD	Fut	Electronic	1	USD	FRPL	0.6	USD	FRPL	1.6	0.2	USD	FRPL
CME	Chicago Mercantile Exchange	Currency	BR	BRL/USD	Fut	Floor				0.6	USD	FRPL	0.6	0.2	USD	FRPL
CME	Chicago Mercantile Exchange	Currency	BR	BRL/USD	Opt	Electronic	0.5	USD	FRPL	0.6	USD	FRPL	1.1	0.2	USD	FRPL
CME	Chicago Mercantile Exchange	Currency	BR	BRL/USD	Opt	Floor				0.6	USD	FRPL	0.6	0.2	USD	FRPL
CME	Chicago Mercantile Exchange	Currency	BY	GBP/JPY	Fut	Electronic	1	USD	FRPL	0.6	USD	FRPL	1.6	15	JPY	FRPL
CME	Chicago Mercantile Exchange	Agri	C0A	1st contract back Live Cattle CSO	Opt	Electronic	0.65	USD	FRPL	0.64	USD	FRPL	1.29	0.2	USD	FRPL
CME	Chicago Mercantile Exchange	Agri	C0A	1st contract back Live Cattle CSO	Opt	Floor				0.64	USD	FRPL	0.64	0.2	USD	FRPL
CME	Chicago Mercantile Exchange	Agri	C0B	2nd contract back Live Cattle CSO	Opt	Electronic	0.65	USD	FRPL	0.64	USD	FRPL	1.29	0.2	USD	FRPL
CME	Chicago Mercantile Exchange	Agri	C0B	2nd contract back Live Cattle CSO	Opt	Floor				0.64	USD	FRPL	0.64	0.2	USD	FRPL
CME	Chicago Mercantile Exchange	Agri	C0C	3rd contract back Live Cattle CSO	Opt	Electronic	0.65	USD	FRPL	0.64	USD	FRPL	1.29	0.2	USD	FRPL
CME	Chicago Mercantile Exchange	Agri	C0C	3rd contract back Live Cattle CSO	Opt	Floor				0.64	USD	FRPL	0.64	0.2	USD	FRPL
CME	Chicago Mercantile Exchange	Currency	C1	CAD/USD	Fut	Electronic	1	USD	FRPL	0.6	USD	FRPL	1.6	0.2	USD	FRPL
CME	Chicago Mercantile Exchange	Currency	C1	CAD/USD	Fut	Floor				0.6	USD	FRPL	0.6	0.2	USD	FRPL
CME	Chicago Mercantile Exchange	Currency	C1	CAD/USD	Opt	Electronic	0.5	USD	FRPL	0.6	USD	FRPL	1.1	0.2	USD	FRPL
CME	Chicago Mercantile Exchange	Currency	C1	CAD/USD	Opt	Floor				0.6	USD	FRPL	0.6	0.2	USD	FRPL
CME	Chicago Mercantile Exchange	Currency	CA	EUR/AUD	Fut	Electronic	1	USD	FRPL	0.6	USD	FRPL	1.6	0.2	USD	FRPL
CME	Chicago Mercantile Exchange	Agri	CB	Butter Cash-Settled	Fut	Electronic	1.25	USD	FRPL	0.64	USD	FRPL	1.89	0.2	USD	FRPL
CME	Chicago Mercantile Exchange	Agri	CB	Butter Cash-Settled	Opt	Electronic	0.65	USD	FRPL	0.64	USD	FRPL	1.29	0.2	USD	FRPL
CME	Chicago Mercantile Exchange	Currency	CC	EUR/CAD	Fut	Electronic	1	USD	FRPL	0.6	USD	FRPL	1.6	0.2	CAD	FRPL
CME	Chicago Mercantile Exchange	Index	CHI	Chicago CSI	Fut	Electronic	0.75	USD	FRPL	0.39	USD	FRPL	1.14	0.2	USD	FRPL
CME	Chicago Mercantile Exchange	Index	CHI	Chicago CSI	Opt	Floor				0.39	USD	FRPL	0.39	0.2	USD	FRPL
CME	Chicago Mercantile Exchange	Currency	CN	EUR/NOK	Fut	Electronic	1	USD	FRPL	0.6	USD	FRPL	1.6	0.2	USD	FRPL
CME	Chicago Mercantile Exchange	Currency	CNY	USD/RMB with USD Banking	Fut	Electronic	1	USD	FRPL	0.6	USD	FRPL	1.6	0.2	USD	FRPL
CME	Chicago Mercantile Exchange	Agri	CSC	Cheese	Fut	Electronic	1.25	USD	FRPL	0.64	USD	FRPL	1.89	0.2	USD	FRPL
CME	Chicago Mercantile Exchange	Agri	CSC	Cheese	Opt	Electronic	0.65	USD	FRPL	0.64	USD	FRPL	1.29	0.2	USD	FRPL
CME	Chicago Mercantile Exchange	Index	CUS	Composite Housing Index CSI	Fut	Electronic	0.75	USD	FRPL	0.39	USD	FRPL	1.14	0.2	USD	FRPL
CME	Chicago Mercantile Exchange	Index	CUS	Composite Housing Index CSI	Opt	Floor				0.39	USD	FRPL	0.39	0.2	USD	FRPL
CME	Chicago Mercantile Exchange	Currency	CY	CAD/JPY	Fut	Electronic	1	USD	FRPL	0.6	USD	FRPL	1.6	15	JPY	FRPL
CME	Chicago Mercantile Exchange	Currency	CZ	CZK/USD	Fut	Electronic	1	USD	FRPL	0.6	USD	FRPL	1.6	0.2	USD	FRPL
CME	Chicago Mercantile Exchange	Currency	CZ	CZK/USD	Fut	Floor				0.6	USD	FRPL	0.6	0.2	USD	FRPL
CME	Chicago Mercantile Exchange	Currency	CZ	CZK/USD	Opt	Electronic	0.5	USD	FRPL	0.6	USD	FRPL	1.1	0.2	USD	FRPL
CME	Chicago Mercantile Exchange	Currency	CZ	CZK/USD	Opt	Floor				0.6	USD	FRPL	0.6	0.2	USD	FRPL
CME	Chicago Mercantile Exchange	Agri	DA	Class III Milk	Fut	Electronic	1.25	USD	FRPL	0.64	USD	FRPL	1.89	0.2	USD	FRPL
CME	Chicago Mercantile Exchange	Agri	DA	Class III Milk	Fut	Floor				0.64	USD	FRPL	0.64	0.2	USD	FRPL
CME	Chicago Mercantile Exchange	Agri	DA	Class III Milk	Opt	Electronic	0.65	USD	FRPL	0.64	USD	FRPL	1.29	0.2	USD	FRPL
CME	Chicago Mercantile Exchange	Agri	DA	Class III Milk	Opt	Floor				0.64	USD	FRPL	0.64	0.2	USD	FRPL
CME	Chicago Mercantile Exchange	Index	DEN	Denver CSI	Fut	Electronic	0.75	USD	FRPL	0.39	USD	FRPL	1.14	0.2	USD	FRPL
CME	Chicago Mercantile Exchange	Index	DEN	Denver CSI	Opt	Floor				0.39	USD	FRPL	0.39	0.2	USD	FRPL
CME	Chicago Mercantile Exchange	Int Rate	DFV	De-Fr 10 Year Sovereign Yield Spread	Fut	Electronic	0.1	USD	FRPL	0.64	USD	FRPL	0.74	0.2	USD	FRPL
CME	Chicago Mercantile Exchange	Agri	DK	Class IV Milk	Fut	Electronic	1.25	USD	FRPL	0.64	USD	FRPL	1.89	0.2	USD	FRPL
CME	Chicago Mercantile Exchange	Agri	DK	Class IV Milk	Fut	Floor				0.64	USD	FRPL	0.64	0.2	USD	FRPL
CME	Chicago Mercantile Exchange	Agri	DK	Class IV Milk	Opt	Electronic	0.65	USD	FRPL	0.64	USD	FRPL	1.29	0.2	USD	FRPL
CME	Chicago Mercantile Exchange	Agri	DK	Class IV Milk	Opt	Floor				0.64	USD	FRPL	0.64	0.2	USD	FRPL

Exch Code	Exch Desc	Comm Group	Prod Code	Product Desc	F/O	Platform	Trd Fee	Trd Fee Cur	Trd Fee Meth	Clr Fee	Clr Fee Cur	Clr Fee Meth	Fee Total	Brk Fee	Brk Fee Cur	Brk Fee Meth
CME	Chicago Mercantile Exchange	Index	DN1	Nasdaq-100 Week 1	Opt	Electronic	1.5	USD	FRPL	0.8	USD	FRPL	2.3	0.2	USD	FRPL
CME	Chicago Mercantile Exchange	Index	DN1	Nasdaq-100 Week 1	Opt	Floor				0.8	USD	FRPL	0.8	0.2	USD	FRPL
CME	Chicago Mercantile Exchange	Index	DN2	Nasdaq-100 Week 2	Opt	Electronic	1.5	USD	FRPL	0.8	USD	FRPL	2.3	0.2	USD	FRPL
CME	Chicago Mercantile Exchange	Index	DN2	Nasdaq-100 Week 2	Opt	Floor				0.8	USD	FRPL	0.8	0.2	USD	FRPL
CME	Chicago Mercantile Exchange	Index	DN4	Nasdaq-100 Week 4	Opt	Electronic	1.5	USD	FRPL	0.8	USD	FRPL	2.3	0.2	USD	FRPL
CME	Chicago Mercantile Exchange	Index	DN4	Nasdaq-100 Week 4	Opt	Floor				0.8	USD	FRPL	0.8	0.2	USD	FRPL
CME	Chicago Mercantile Exchange	Index	DN5	Nasdaq-100 Week 5	Opt	Electronic	1.5	USD	FRPL	0.8	USD	FRPL	2.3	0.2	USD	FRPL
CME	Chicago Mercantile Exchange	Index	DN5	Nasdaq-100 Week 5	Opt	Floor				0.8	USD	FRPL	0.8	0.2	USD	FRPL
CME	Chicago Mercantile Exchange	Index	DNE	Nasdaq-100 End of Month	Opt	Electronic	1.5	USD	FRPL	0.8	USD	FRPL	2.3	0.2	USD	FRPL
CME	Chicago Mercantile Exchange	Index	DNE	Nasdaq-100 End of Month	Opt	Floor				0.8	USD	FRPL	0.8	0.2	USD	FRPL
CME	Chicago Mercantile Exchange	Int Rate	DNV	De-Nd 10 Year Sovereign Yield Spread	Fut	Electronic	0.1	USD	FRPL	0.64	USD	FRPL	0.74	0.2	USD	FRPL
CME	Chicago Mercantile Exchange	Int Rate	DTV	De-It 10 Year Sovereign Yield Spread	Fut	Electronic	0.1	USD	FRPL	0.64	USD	FRPL	0.74	0.2	USD	FRPL
CME	Chicago Mercantile Exchange	Agri	DY	Dry Whey	Fut	Electronic	1.25	USD	FRPL	0.64	USD	FRPL	1.89	0.2	USD	FRPL
CME	Chicago Mercantile Exchange	Agri	DY	Dry Whey	Opt	Electronic	0.65	USD	FRPL	0.64	USD	FRPL	1.29	0.2	USD	FRPL
CME	Chicago Mercantile Exchange	Int Rate	E0	Eurodollar 1 Year Mid-curve	Opt	Electronic	0.25	USD	FRPL	0.64	USD	FRPL	0.89	0.2	USD	FRPL
CME	Chicago Mercantile Exchange	Int Rate	E0	Eurodollar 1 Year Mid-curve	Opt	Floor				0.64	USD	FRPL	0.64	0.2	USD	FRPL
CME	Chicago Mercantile Exchange	Int Rate	E0T	Treasury Matched Eurodollar Mid-curve	Opt	Electronic	0.25	USD	FRPL	0.64	USD	FRPL	0.89	0.2	USD	FRPL
CME	Chicago Mercantile Exchange	Int Rate	E0T	Treasury Matched Eurodollar Mid-curve	Opt	Floor				0.64	USD	FRPL	0.64	0.2	USD	FRPL
CME	Chicago Mercantile Exchange	Currency	E1	CHF/USD	Fut	Electronic	1	USD	FRPL	0.6	USD	FRPL	1.6	0.2	USD	FRPL
CME	Chicago Mercantile Exchange	Currency	E1	CHF/USD	Fut	Floor				0.6	USD	FRPL	0.6	0.2	USD	FRPL
CME	Chicago Mercantile Exchange	Currency	E1	CHF/USD	Opt	Electronic	0.5	USD	FRPL	0.6	USD	FRPL	1.1	0.2	USD	FRPL
CME	Chicago Mercantile Exchange	Currency	E1	CHF/USD	Opt	Floor				0.6	USD	FRPL	0.6	0.2	USD	FRPL
CME	Chicago Mercantile Exchange	Int Rate	E2	Eurodollar 2 Year Mid-curve	Opt	Electronic	0.25	USD	FRPL	0.64	USD	FRPL	0.89	0.2	USD	FRPL
CME	Chicago Mercantile Exchange	Int Rate	E2	Eurodollar 2 Year Mid-curve	Opt	Floor				0.64	USD	FRPL	0.64	0.2	USD	FRPL
CME	Chicago Mercantile Exchange	Int Rate	E3	Eurodollar 3 Year Mid-curve	Opt	Electronic	0.25	USD	FRPL	0.64	USD	FRPL	0.89	0.2	USD	FRPL
CME	Chicago Mercantile Exchange	Int Rate	E3	Eurodollar 3 Year Mid-curve	Opt	Floor				0.64	USD	FRPL	0.64	0.2	USD	FRPL
CME	Chicago Mercantile Exchange	Int Rate	E4	Eurodollar 4 Year Mid-curve	Opt	Electronic	0.25	USD	FRPL	0.64	USD	FRPL	0.89	0.2	USD	FRPL
CME	Chicago Mercantile Exchange	Int Rate	E4	Eurodollar 4 Year Mid-curve	Opt	Floor				0.64	USD	FRPL	0.64	0.2	USD	FRPL
CME	Chicago Mercantile Exchange	Currency	E7	E-Mini EUR/USD	Fut	Electronic	0.5	USD	FRPL	0.35	USD	FRPL	0.85	0.2	USD	FRPL
CME	Chicago Mercantile Exchange	Int Rate	EB	3 month Euribor	Fut	Electronic	0.1	USD	FRPL	0.64	USD	FRPL	0.74	0.2	USD	FRPL
CME	Chicago Mercantile Exchange	Currency	EC	EUR/USD	Fut	Electronic	1	USD	FRPL	0.6	USD	FRPL	1.6	0.2	USD	FRPL
CME	Chicago Mercantile Exchange	Currency	EC	EUR/USD	Fut	Floor				0.6	USD	FRPL	0.6	0.2	USD	FRPL
CME	Chicago Mercantile Exchange	Currency	EC	EUR/USD	Opt	Electronic	0.5	USD	FRPL	0.6	USD	FRPL	1.1	0.2	USD	FRPL
CME	Chicago Mercantile Exchange	Currency	EC	EUR/USD	Opt	Floor				0.6	USD	FRPL	0.6	0.2	USD	FRPL
CME	Chicago Mercantile Exchange	Int Rate	ED	Eurodollar	Fut	Electronic	0.55	USD	FRPL	0.64	USD	FRPL	1.19	0.2	USD	FRPL
CME	Chicago Mercantile Exchange	Int Rate	ED	Eurodollar	Fut	Floor				0.64	USD	FRPL	0.64	0.2	USD	FRPL
CME	Chicago Mercantile Exchange	Int Rate	ED	Eurodollar	Opt	Electronic	0.25	USD	FRPL	0.64	USD	FRPL	0.89	0.2	USD	FRPL
CME	Chicago Mercantile Exchange	Int Rate	ED	Eurodollar	Opt	Floor				0.64	USD	FRPL	0.64	0.2	USD	FRPL
CME	Chicago Mercantile Exchange	Int Rate	EDD	Daily Eurodollar (Subs)	Fut	Electronic	0.55	USD	FRPL	0.64	USD	FRPL	1.19	0.2	USD	FRPL
CME	Chicago Mercantile Exchange	Int Rate	EDD	Daily Eurodollar (Subs)	Fut	Floor				0.64	USD	FRPL	0.64	0.2	USD	FRPL
CME	Chicago Mercantile Exchange	Int Rate	EM	1 Month Eurodollar	Fut	Electronic	0.55	USD	FRPL	0.64	USD	FRPL	1.19	0.2	USD	FRPL
CME	Chicago Mercantile Exchange	Int Rate	EM	1 Month Eurodollar	Fut	Floor				0.64	USD	FRPL	0.64	0.2	USD	FRPL
CME	Chicago Mercantile Exchange	Int Rate	EM	1 Month Eurodollar	Opt	Electronic	0.25	USD	FRPL	0.64	USD	FRPL	0.89	0.2	USD	FRPL
CME	Chicago Mercantile Exchange	Int Rate	EM	1 Month Eurodollar	Opt	Floor				0.64	USD	FRPL	0.64	0.2	USD	FRPL
CME	Chicago Mercantile Exchange	Index	EME	E-Mini S&P 500 Euro-Denominated	Fut	Electronic	0.75	USD	FRPL	0.39	USD	FRPL	1.14	0.15	EUR	FRPL
CME	Chicago Mercantile Exchange	Index	EMF	E-Mini S&P CNX Nifty Index	Fut	Electronic	0.75	USD	FRPL	0.39	USD	FRPL	1.14	0.2	USD	FRPL
CME	Chicago Mercantile Exchange	Index	ENY	E-Mini Nikkei 225 - Yen Denominated	Fut	Electronic	0.75	USD	FRPL	0.39	USD	FRPL	1.14	0.2	USD	FRPL
CME	Chicago Mercantile Exchange	Index	ES	E-Mini S&P 500	Fut	Electronic	0.75	USD	FRPL	0.39	USD	FRPL	1.14	0.2	USD	FRPL
CME	Chicago Mercantile Exchange	Index	ES	E-Mini S&P 500	Opt	Electronic	0.16	USD	FRPL	0.39	USD	FRPL	0.55	0.2	USD	FRPL
CME	Chicago Mercantile Exchange	Index	EV	S&P 500 EOM	Opt	Electronic	1.5	USD	FRPL	0.8	USD	FRPL	2.3	0.2	USD	FRPL
CME	Chicago Mercantile Exchange	Index	EV	S&P 500 EOM	Opt	Floor				0.8	USD	FRPL	0.8	0.2	USD	FRPL
CME	Chicago Mercantile Exchange	Index	EV1	S&P 500 Week 1	Opt	Electronic	1.5	USD	FRPL	0.8	USD	FRPL	2.3	0.2	USD	FRPL
CME	Chicago Mercantile Exchange	Index	EV1	S&P 500 Week 1	Opt	Floor				0.8	USD	FRPL	0.8	0.2	USD	FRPL
CME	Chicago Mercantile Exchange	Index	EV2	S&P 500 Week 2	Opt	Electronic	1.5	USD	FRPL	0.8	USD	FRPL	2.3	0.2	USD	FRPL
CME	Chicago Mercantile Exchange	Index	EV2	S&P 500 Week 2	Opt	Floor				0.8	USD	FRPL	0.8	0.2	USD	FRPL
CME	Chicago Mercantile Exchange	Index	EV4	S&P 500 Week 4	Opt	Electronic	1.5	USD	FRPL	0.8	USD	FRPL	2.3	0.2	USD	FRPL
CME	Chicago Mercantile Exchange	Index	EV4	S&P 500 Week 4	Opt	Floor				0.8	USD	FRPL	0.8	0.2	USD	FRPL
CME	Chicago Mercantile Exchange	Index	EW	E-mini S&P 500 EOM	Opt	Electronic	0.16	USD	FRPL	0.39	USD	FRPL	0.55	0.2	USD	FRPL
CME	Chicago Mercantile Exchange	Index	EW1	E-mini S&P 500 Week 1	Opt	Electronic	0.16	USD	FRPL	0.39	USD	FRPL	0.55	0.2	USD	FRPL

Exch Code	Exch Desc	Comm Group	Prod Code	Product Desc	F/O	Platform	Trd Fee	Trd Fee Cur	Trd Fee Meth	Clr Fee	Clr Fee Cur	Clr Fee Meth	Fee Total	Brk Fee	Brk Fee Cur	Brk Fee Meth
CME	Chicago Mercantile Exchange	Index	EW2	E-mini S&P 500 Week 2	Opt	Electronic	0.16	USD	FRPL	0.39	USD	FRPL	0.55	0.2	USD	FRPL
CME	Chicago Mercantile Exchange	Index	EW4	E-mini S&P 500 Week 4	Opt	Electronic	0.16	USD	FRPL	0.39	USD	FRPL	0.55	0.2	USD	FRPL
CME	Chicago Mercantile Exchange	Int Rate	EY	Euroyen TIBOR	Fut	Electronic	0.55	USD	FRPL	0.64	USD	FRPL	1.19	15	JPY	FRPL
CME	Chicago Mercantile Exchange	Int Rate	EY	Euroyen TIBOR	Fut	Floor				0.64	USD	FRPL	0.64	15	JPY	FRPL
CME	Chicago Mercantile Exchange	Int Rate	EY	Euroyen TIBOR	Opt	Electronic	0.25	USD	FRPL	0.64	USD	FRPL	0.89	15	JPY	FRPL
CME	Chicago Mercantile Exchange	Int Rate	EY	Euroyen TIBOR	Opt	Floor				0.64	USD	FRPL	0.64	15	JPY	FRPL
CME	Chicago Mercantile Exchange	Currency	FR	HUF/USD	Fut	Electronic	1	USD	FRPL	0.6	USD	FRPL	1.6	0.2	USD	FRPL
CME	Chicago Mercantile Exchange	Currency	FR	HUF/USD	Fut	Floor				0.6	USD	FRPL	0.6	0.2	USD	FRPL
CME	Chicago Mercantile Exchange	Currency	FR	HUF/USD	Opt	Electronic	0.5	USD	FRPL	0.6	USD	FRPL	1.1	0.2	USD	FRPL
CME	Chicago Mercantile Exchange	Currency	FR	HUF/USD	Opt	Floor				0.6	USD	FRPL	0.6	0.2	USD	FRPL
CME	Chicago Mercantile Exchange	Index	FXD	Dow Jones CME FX$INDEX	Fut	Electronic	1	USD	FRPL	0.6	USD	FRPL	1.6	0.2	USD	FRPL
CME	Chicago Mercantile Exchange	Index	FXN	E-Mini FTSE/Xinhua China 25	Fut	Electronic	0.75	USD	FRPL	0.39	USD	FRPL	1.14	0.2	USD	FRPL
CME	Chicago Mercantile Exchange	Index	GI	S&P GSCI	Fut	Electronic	1.5	USD	FRPL	0.8	USD	FRPL	2.3	0.2	USD	FRPL
CME	Chicago Mercantile Exchange	Index	GI	S&P GSCI	Fut	Floor				0.8	USD	FRPL	0.8	0.2	USD	FRPL
CME	Chicago Mercantile Exchange	Index	GI	S&P GSCI	Opt	Floor				0.8	USD	FRPL	0.8	0.2	USD	FRPL
CME	Chicago Mercantile Exchange	Int Rate	HC	Eurozone HICP	Fut	Electronic	0.55	USD	FRPL	0.64	USD	FRPL	1.19	0.2	USD	FRPL
CME	Chicago Mercantile Exchange	Soft	HWP	Hardwood Pulp	Fut	Electronic	1.25	USD	FRPL	0.64	USD	FRPL	1.89	0.2	USD	FRPL
CME	Chicago Mercantile Exchange	Soft	HWP	Hardwood Pulp	Opt	Electronic	0.65	USD	FRPL	0.64	USD	FRPL	1.29	0.2	USD	FRPL
CME	Chicago Mercantile Exchange	Index	IBV	Ibovespa Index	Fut	Electronic	0.86	USD	FRPL	0.39	USD	FRPL	1.25	0.2	USD	FRPL
CME	Chicago Mercantile Exchange	Index	II	E-Micro S&P CNX Nifty Index	Fut	Electronic	0.21	USD	FRPL	0.39	USD	FRPL	0.6	0.2	USD	FRPL
CME	Chicago Mercantile Exchange	Currency	IS	ILS/USD	Fut	Electronic	1	USD	FRPL	0.6	USD	FRPL	1.6	0.2	USD	FRPL
CME	Chicago Mercantile Exchange	Currency	IS	ILS/USD	Opt	Electronic	0.5	USD	FRPL	0.6	USD	FRPL	1.1	0.2	USD	FRPL
CME	Chicago Mercantile Exchange	Currency	IS1	ILS/USD Week 1	Opt	Electronic	0.5	USD	FRPL	0.6	USD	FRPL	1.1	0.2	USD	FRPL
CME	Chicago Mercantile Exchange	Currency	IS2	ILS/USD Week 2	Opt	Electronic	0.5	USD	FRPL	0.6	USD	FRPL	1.1	0.2	USD	FRPL
CME	Chicago Mercantile Exchange	Currency	IS3	ILS/USD Week 3	Opt	Electronic	0.5	USD	FRPL	0.6	USD	FRPL	1.1	0.2	USD	FRPL
CME	Chicago Mercantile Exchange	Currency	IS4	ILS/USD Week 4	Opt	Electronic	0.5	USD	FRPL	0.6	USD	FRPL	1.1	0.2	USD	FRPL
CME	Chicago Mercantile Exchange	Currency	IS5	ILS/USD Week 5	Opt	Electronic	0.5	USD	FRPL	0.6	USD	FRPL	1.1	0.2	USD	FRPL
CME	Chicago Mercantile Exchange	Currency	J1	JPY/USD	Fut	Electronic	1	USD	FRPL	0.6	USD	FRPL	1.6	0.2	USD	FRPL
CME	Chicago Mercantile Exchange	Currency	J1	JPY/USD	Fut	Floor				0.6	USD	FRPL	0.6	0.2	USD	FRPL
CME	Chicago Mercantile Exchange	Currency	J1	JPY/USD	Opt	Electronic	0.5	USD	FRPL	0.6	USD	FRPL	1.1	0.2	USD	FRPL
CME	Chicago Mercantile Exchange	Currency	J1	JPY/USD	Opt	Floor				0.6	USD	FRPL	0.6	0.2	USD	FRPL
CME	Chicago Mercantile Exchange	Currency	J7	E-Mini JPY/USD	Fut	Electronic	0.5	USD	FRPL	0.35	USD	FRPL	0.85	0.2	USD	FRPL
CME	Chicago Mercantile Exchange	Int Rate	JB	10 year JGB	Fut	Floor				0.64	USD	FRPL	0.64	15	JPY	FRPL
CME	Chicago Mercantile Exchange	Agri	JQ	Milk Midi	Opt	Floor				0.64	USD	FRPL	0.64	0.2	USD	FRPL
CME	Chicago Mercantile Exchange	Currency	K	CZK/EUR	Fut	Electronic	1	USD	FRPL	0.6	USD	FRPL	1.6	0.2	USD	FRPL
CME	Chicago Mercantile Exchange	Currency	K	CZK/EUR	Fut	Floor				0.6	USD	FRPL	0.6	0.2	USD	FRPL
CME	Chicago Mercantile Exchange	Currency	K	CZK/EUR	Opt	Electronic	0.5	USD	FRPL	0.6	USD	FRPL	1.1	0.2	USD	FRPL
CME	Chicago Mercantile Exchange	Currency	K	CZK/EUR	Opt	Floor				0.6	USD	FRPL	0.6	0.2	USD	FRPL
CME	Chicago Mercantile Exchange	Index	K06	SGI WISE US Top Index	Fut	Electronic	0.75	USD	FRPL	0.39	USD	FRPL	1.14	0.2	USD	FRPL
CME	Chicago Mercantile Exchange	Index	K07	SGI WISE US Bottom Index	Fut	Electronic	0.75	USD	FRPL	0.39	USD	FRPL	1.14	0.2	USD	FRPL
CME	Chicago Mercantile Exchange	Index	K08	SGI WISE US Long/Short Index	Fut	Electronic	0.75	USD	FRPL	0.39	USD	FRPL	1.14	0.2	USD	FRPL
CME	Chicago Mercantile Exchange	Agri	KB	Cheese Spot Call (Blocks)	Fut	Floor				0.64	USD	FRPL	0.64	0.2	USD	FRPL
CME	Chicago Mercantile Exchange	Int Rate	KDV	UK-Nd 10 Year Sovereign Yield Spread	Fut	Electronic	0.1	USD	FRPL	0.64	USD	FRPL	0.74	0.2	USD	FRPL
CME	Chicago Mercantile Exchange	Currency	KE	EUR/SEK	Fut	Electronic	1	USD	FRPL	0.6	USD	FRPL	1.6	1.5	SEK	FRPL
CME	Chicago Mercantile Exchange	Int Rate	KEV	UK-De 10 Year Sovereign Yield Spread	Fut	Electronic	0.1	USD	FRPL	0.64	USD	FRPL	0.74	0.2	USD	FRPL
CME	Chicago Mercantile Exchange	Int Rate	KFV	UK-Fr 10 Year Sovereign Yield Spread	Fut	Electronic	0.1	USD	FRPL	0.64	USD	FRPL	0.74	0.2	USD	FRPL
CME	Chicago Mercantile Exchange	Currency	KR1	KRW/USD Week 1	Opt	Electronic	0.5	USD	FRPL	0.6	USD	FRPL	1.1	0.2	USD	FRPL
CME	Chicago Mercantile Exchange	Currency	KR2	KRW/USD Week 2	Opt	Electronic	0.5	USD	FRPL	0.6	USD	FRPL	1.1	0.2	USD	FRPL
CME	Chicago Mercantile Exchange	Currency	KR3	KRW/USD Week 3	Opt	Electronic	0.5	USD	FRPL	0.6	USD	FRPL	1.1	0.2	USD	FRPL
CME	Chicago Mercantile Exchange	Currency	KR4	KRW/USD Week 4	Opt	Electronic	0.5	USD	FRPL	0.6	USD	FRPL	1.1	0.2	USD	FRPL
CME	Chicago Mercantile Exchange	Currency	KR5	KRW/USD Week 5	Opt	Electronic	0.5	USD	FRPL	0.6	USD	FRPL	1.1	0.2	USD	FRPL
CME	Chicago Mercantile Exchange	Currency	KRW	KRW/USD	Fut	Electronic	1	USD	FRPL	0.6	USD	FRPL	1.6	0.2	USD	FRPL
CME	Chicago Mercantile Exchange	Currency	KRW	KRW/USD	Opt	Electronic	0.5	USD	FRPL	0.6	USD	FRPL	1.1	0.2	USD	FRPL
CME	Chicago Mercantile Exchange	Int Rate	KTV	UK-It 10 Year Sovereign Yield Spread	Fut	Electronic	0.1	USD	FRPL	0.64	USD	FRPL	0.74	0.2	USD	FRPL
CME	Chicago Mercantile Exchange	Index	LAV	Las Vegas CSI	Fut	Electronic	0.75	USD	FRPL	0.39	USD	FRPL	1.14	0.2	USD	FRPL
CME	Chicago Mercantile Exchange	Index	LAV	Las Vegas CSI	Opt	Floor				0.39	USD	FRPL	0.39	0.2	USD	FRPL
CME	Chicago Mercantile Exchange	Index	LAX	Los Angeles CSI	Fut	Electronic	0.75	USD	FRPL	0.39	USD	FRPL	1.14	0.2	USD	FRPL
CME	Chicago Mercantile Exchange	Index	LAX	Los Angeles CSI	Opt	Floor				0.39	USD	FRPL	0.39	0.2	USD	FRPL
CME	Chicago Mercantile Exchange	Agri	LB	Random Length Lumber	Fut	Electronic	1.25	USD	FRPL	0.64	USD	FRPL	1.89	0.2	USD	FRPL

Exch Code	Exch Desc	Comm Group	Prod Code	Product Desc	F/O	Platform	Trd Fee	Trd Fee Cur	Trd Fee Meth	Clr Fee	Clr Fee Cur	Clr Fee Meth	Fee Total	Brk Fee	Brk Fee Cur	Brk Fee Meth
CME	Chicago Mercantile Exchange	Agri	LB	Random Length Lumber	Fut	Floor				0.64	USD	FRPL	0.64	0.2	USD	FRPL
CME	Chicago Mercantile Exchange	Agri	LB	Random Length Lumber	Opt	Electronic	0.65	USD	FRPL	0.64	USD	FRPL	1.29	0.2	USD	FRPL
CME	Chicago Mercantile Exchange	Agri	LB	Random Length Lumber	Opt	Floor				0.64	USD	FRPL	0.64	0.2	USD	FRPL
CME	Chicago Mercantile Exchange	Index	LBA	Barclays Capital US Aggregate Bond Index	Fut	Electronic	0.55	USD	FRPL	0.64	USD	FRPL	1.19	0.2	USD	FRPL
CME	Chicago Mercantile Exchange	Agri	LC1	Live Cattle Week 1	Opt	Electronic	0.65	USD	FRPL	0.64	USD	FRPL	1.29	0.2	USD	FRPL
CME	Chicago Mercantile Exchange	Agri	LC1	Live Cattle Week 1	Opt	Floor				0.64	USD	FRPL	0.64	0.2	USD	FRPL
CME	Chicago Mercantile Exchange	Agri	LC2	Live Cattle Week 2	Opt	Electronic	0.65	USD	FRPL	0.64	USD	FRPL	1.29	0.2	USD	FRPL
CME	Chicago Mercantile Exchange	Agri	LC2	Live Cattle Week 2	Opt	Floor				0.64	USD	FRPL	0.64	0.2	USD	FRPL
CME	Chicago Mercantile Exchange	Agri	LC3	Live Cattle Week 3	Opt	Electronic	0.65	USD	FRPL	0.64	USD	FRPL	1.29	0.2	USD	FRPL
CME	Chicago Mercantile Exchange	Agri	LC3	Live Cattle Week 3	Opt	Floor				0.64	USD	FRPL	0.64	0.2	USD	FRPL
CME	Chicago Mercantile Exchange	Agri	LC4	Live Cattle Week 4	Opt	Electronic	0.65	USD	FRPL	0.64	USD	FRPL	1.29	0.2	USD	FRPL
CME	Chicago Mercantile Exchange	Agri	LC4	Live Cattle Week 4	Opt	Floor				0.64	USD	FRPL	0.64	0.2	USD	FRPL
CME	Chicago Mercantile Exchange	Agri	LC5	Live Cattle Week 5	Opt	Electronic	0.65	USD	FRPL	0.64	USD	FRPL	1.29	0.2	USD	FRPL
CME	Chicago Mercantile Exchange	Agri	LC5	Live Cattle Week 5	Opt	Floor				0.64	USD	FRPL	0.64	0.2	USD	FRPL
CME	Chicago Mercantile Exchange	Agri	LN	Lean Hog	Fut	Electronic	1.25	USD	FRPL	0.64	USD	FRPL	1.89	0.2	USD	FRPL
CME	Chicago Mercantile Exchange	Agri	LN	Lean Hog	Fut	Floor				0.64	USD	FRPL	0.64	0.2	USD	FRPL
CME	Chicago Mercantile Exchange	Agri	LN	Lean Hog	Opt	Electronic	0.65	USD	FRPL	0.64	USD	FRPL	1.29	0.2	USD	FRPL
CME	Chicago Mercantile Exchange	Agri	LN	Lean Hog	Opt	Floor				0.64	USD	FRPL	0.64	0.2	USD	FRPL
CME	Chicago Mercantile Exchange	Currency	M6A	E-Micro AUD/USD	Fut	Electronic	0.1	USD	FRPL	0.06	USD	FRPL	0.16	0.2	USD	FRPL
CME	Chicago Mercantile Exchange	Currency	M6B	E-Micro GBP/USD	Fut	Electronic	0.1	USD	FRPL	0.06	USD	FRPL	0.16	0.2	USD	FRPL
CME	Chicago Mercantile Exchange	Currency	M6C	E-Micro USD/CAD	Fut	Electronic	0.1	USD	FRPL	0.06	USD	FRPL	0.16	0.2	CAD	FRPL
CME	Chicago Mercantile Exchange	Currency	M6E	E-Micro EUR/USD	Fut	Electronic	0.1	USD	FRPL	0.06	USD	FRPL	0.16	0.2	USD	FRPL
CME	Chicago Mercantile Exchange	Currency	M6J	E-Micro USD/JPY	Fut	Electronic	0.1	USD	FRPL	0.06	USD	FRPL	0.16	15	JPY	FRPL
CME	Chicago Mercantile Exchange	Currency	M6S	E-Micro USD/CHF	Fut	Electronic	0.1	USD	FRPL	0.06	USD	FRPL	0.16	0.2	CHF	FRPL
CME	Chicago Mercantile Exchange	Currency	MCD	E-Micro CAD/USD	Fut	Electronic	0.1	USD	FRPL	0.06	USD	FRPL	0.16	0.2	USD	FRPL
CME	Chicago Mercantile Exchange	Index	MD	S&P MidCap 400	Fut	Electronic	1.5	USD	FRPL	0.8	USD	FRPL	2.3	0.2	USD	FRPL
CME	Chicago Mercantile Exchange	Index	MD	S&P MidCap 400	Fut	Floor				0.8	USD	FRPL	0.8	0.2	USD	FRPL
CME	Chicago Mercantile Exchange	Index	MD	S&P MidCap 400	Opt	Floor				0.8	USD	FRPL	0.8	0.2	USD	FRPL
CME	Chicago Mercantile Exchange	Index	ME	E-Mini S&P MidCap 400	Fut	Electronic	0.75	USD	FRPL	0.39	USD	FRPL	1.14	0.2	USD	FRPL
CME	Chicago Mercantile Exchange	Index	ME	E-Mini S&P MidCap 400	Opt	Electronic	0.16	USD	FRPL	0.39	USD	FRPL	0.55	0.2	USD	FRPL
CME	Chicago Mercantile Exchange	Index	MIA	Miami CSI	Fut	Electronic	0.75	USD	FRPL	0.39	USD	FRPL	1.14	0.2	USD	FRPL
CME	Chicago Mercantile Exchange	Index	MIA	Miami CSI	Opt	Floor				0.39	USD	FRPL	0.39	0.2	USD	FRPL
CME	Chicago Mercantile Exchange	Currency	MJY	E-Micro JPY/USD	Fut	Electronic	0.1	USD	FRPL	0.06	USD	FRPL	0.16	0.2	USD	FRPL
CME	Chicago Mercantile Exchange	Currency	MNY	E-Micro USD/RMB with USD Banking	Fut	Electronic	0.1	USD	FRPL	0.06	USD	FRPL	0.16	0.2	USD	FRPL
CME	Chicago Mercantile Exchange	Currency	MP	MXN/USD	Fut	Electronic	1	USD	FRPL	0.6	USD	FRPL	1.6	0.2	USD	FRPL
CME	Chicago Mercantile Exchange	Currency	MP	MXN/USD	Fut	Floor				0.6	USD	FRPL	0.6	0.2	USD	FRPL
CME	Chicago Mercantile Exchange	Currency	MP	MXN/USD	Opt	Electronic	0.5	USD	FRPL	0.6	USD	FRPL	1.1	0.2	USD	FRPL
CME	Chicago Mercantile Exchange	Currency	MSF	E-Micro CHF/USD	Fut	Electronic	0.1	USD	FRPL	0.06	USD	FRPL	0.16	0.2	USD	FRPL
CME	Chicago Mercantile Exchange	Index	N1	Nikkei 225 (Yen)	Fut	Electronic	1.25	USD	FRPL	0.8	USD	FRPL	2.05	15	JPY	FRPL
CME	Chicago Mercantile Exchange	Index	ND	Nasdaq-100	Fut	Electronic	1.5	USD	FRPL	0.8	USD	FRPL	2.3	0.2	USD	FRPL
CME	Chicago Mercantile Exchange	Index	ND	Nasdaq-100	Fut	Floor				0.8	USD	FRPL	0.8	0.2	USD	FRPL
CME	Chicago Mercantile Exchange	Index	ND	Nasdaq-100	Opt	Electronic	1.5	USD	FRPL	0.8	USD	FRPL	2.3	0.2	USD	FRPL
CME	Chicago Mercantile Exchange	Index	ND	Nasdaq-100	Opt	Floor				0.8	USD	FRPL	0.8	0.2	USD	FRPL
CME	Chicago Mercantile Exchange	Currency	NE	NZD/USD	Fut	Electronic	1	USD	FRPL	0.6	USD	FRPL	1.6	0.2	USD	FRPL
CME	Chicago Mercantile Exchange	Currency	NE	NZD/USD	Fut	Floor				0.6	USD	FRPL	0.6	0.2	USD	FRPL
CME	Chicago Mercantile Exchange	Currency	NE	NZD/USD	Opt	Electronic	0.5	USD	FRPL	0.6	USD	FRPL	1.1	0.2	USD	FRPL
CME	Chicago Mercantile Exchange	Currency	NE	NZD/USD	Opt	Floor				0.6	USD	FRPL	0.6	0.2	USD	FRPL
CME	Chicago Mercantile Exchange	Agri	NF	Nonfat Dry Milk	Fut	Electronic	1.25	USD	FRPL	0.64	USD	FRPL	1.89	0.2	USD	FRPL
CME	Chicago Mercantile Exchange	Agri	NF	Nonfat Dry Milk	Fut	Floor				0.64	USD	FRPL	0.64	0.2	USD	FRPL
CME	Chicago Mercantile Exchange	Agri	NF	Nonfat Dry Milk	Opt	Electronic	0.65	USD	FRPL	0.64	USD	FRPL	1.29	0.2	USD	FRPL
CME	Chicago Mercantile Exchange	Agri	NF	Nonfat Dry Milk	Opt	Floor				0.64	USD	FRPL	0.64	0.2	USD	FRPL
CME	Chicago Mercantile Exchange	Index	NFP	Non-Farm Payroll	Fut	Electronic	0.55	USD	FRPL	0.64	USD	FRPL	1.19	0.2	USD	FRPL
CME	Chicago Mercantile Exchange	Index	NFP	Non-Farm Payroll	Opt	Electronic	0.55	USD	FRPL	0.64	USD	FRPL	1.19	0.2	USD	FRPL
CME	Chicago Mercantile Exchange	Index	NK	Nikkei 225	Fut	Electronic	1.25	USD	FRPL	0.8	USD	FRPL	2.05	0.2	USD	FRPL
CME	Chicago Mercantile Exchange	Index	NK	Nikkei 225	Fut	Floor				0.8	USD	FRPL	0.8	0.2	USD	FRPL
CME	Chicago Mercantile Exchange	Index	NK	Nikkei 225	Opt	Floor				0.8	USD	FRPL	0.8	0.2	USD	FRPL
CME	Chicago Mercantile Exchange	Agri	NM	Nonfat Dry Milk Spot Call (Grade A)	Fut	Electronic	1.25	USD	FRPL	0.64	USD	FRPL	1.89	0.2	USD	FRPL
CME	Chicago Mercantile Exchange	Agri	NM	Nonfat Dry Milk Spot Call (Grade A)	Fut	Floor				0.64	USD	FRPL	0.64	0.2	USD	FRPL
CME	Chicago Mercantile Exchange	Index	NQ	E-Mini Nasdaq-100	Fut	Electronic	0.75	USD	FRPL	0.39	USD	FRPL	1.14	0.2	USD	FRPL

Exch Code	Exch Desc	Comm Group	Prod Code	Product Desc	F/O	Platform	Trd Fee	Trd Fee Cur	Trd Fee Meth	Clr Fee	Clr Fee Cur	Clr Fee Meth	Fee Total	Brk Fee	Brk Fee Cur	Brk Fee Meth
CME	Chicago Mercantile Exchange	Index	NQ	E-Mini Nasdaq-100	Opt	Electronic	0.16	USD	FRPL	0.39	USD	FRPL	0.55	0.2	USD	FRPL
CME	Chicago Mercantile Exchange	Agri	NX	Nonfat Dry Milk Spot Call (Grade Extra)	Fut	Electronic	1.25	USD	FRPL	0.64	USD	FRPL	1.89	0.2	USD	FRPL
CME	Chicago Mercantile Exchange	Agri	NX	Nonfat Dry Milk Spot Call (Grade Extra)	Fut	Floor				0.64	USD	FRPL	0.64	0.2	USD	FRPL
CME	Chicago Mercantile Exchange	Index	NYM	New York CSI	Fut	Electronic	0.75	USD	FRPL	0.39	USD	FRPL	1.14	0.2	USD	FRPL
CME	Chicago Mercantile Exchange	Index	NYM	New York CSI	Opt	Floor				0.39	USD	FRPL	0.39	0.2	USD	FRPL
CME	Chicago Mercantile Exchange	Int Rate	OSP	3 Month OIS	Fut	Electronic	0.55	USD	FRPL	0.64	USD	FRPL	1.19	0.2	USD	FRPL
CME	Chicago Mercantile Exchange	Int Rate	OSP	3 Month OIS	Fut	Floor				0.64	USD	FRPL	0.64	0.2	USD	FRPL
CME	Chicago Mercantile Exchange	Int Rate	OSP	3 Month OIS	Opt	Electronic	0.55	USD	FRPL	0.64	USD	FRPL	1.19	0.2	USD	FRPL
CME	Chicago Mercantile Exchange	Int Rate	OSP	3 Month OIS	Opt	Floor				0.64	USD	FRPL	0.64	0.2	USD	FRPL
CME	Chicago Mercantile Exchange	Currency	PZ	PLN/USD	Fut	Electronic	1	USD	FRPL	0.6	USD	FRPL	1.6	0.2	USD	FRPL
CME	Chicago Mercantile Exchange	Currency	PZ	PLN/USD	Fut	Floor				0.6	USD	FRPL	0.6	0.2	USD	FRPL
CME	Chicago Mercantile Exchange	Currency	PZ	PLN/USD	Opt	Electronic	0.5	USD	FRPL	0.6	USD	FRPL	1.1	0.2	USD	FRPL
CME	Chicago Mercantile Exchange	Currency	PZ	PLN/USD	Opt	Floor				0.6	USD	FRPL	0.6	0.2	USD	FRPL
CME	Chicago Mercantile Exchange	Index	QCN	E-Mini NASDAQ Composite	Fut	Electronic	0.75	USD	FRPL	0.39	USD	FRPL	1.14	0.2	USD	FRPL
CME	Chicago Mercantile Exchange	Index	QN1	E-Mini Nasdaq-100 Week 1	Opt	Electronic	0.16	USD	FRPL	0.39	USD	FRPL	0.55	0.2	USD	FRPL
CME	Chicago Mercantile Exchange	Index	QN2	E-Mini Nasdaq-100 Week 2	Opt	Electronic	0.16	USD	FRPL	0.39	USD	FRPL	0.55	0.2	USD	FRPL
CME	Chicago Mercantile Exchange	Index	QN4	E-Mini Nasdaq-100 Week 4	Opt	Electronic	0.16	USD	FRPL	0.39	USD	FRPL	0.55	0.2	USD	FRPL
CME	Chicago Mercantile Exchange	Index	QN5	E-Mini Nasdaq-100 Week 5	Opt	Electronic	0.16	USD	FRPL	0.39	USD	FRPL	0.55	0.2	USD	FRPL
CME	Chicago Mercantile Exchange	Index	QNE	E-Mini Nasdaq-100 End of Month	Opt	Electronic	0.16	USD	FRPL	0.39	USD	FRPL	0.55	0.2	USD	FRPL
CME	Chicago Mercantile Exchange	Currency	R	HUF/EUR	Fut	Electronic	1	USD	FRPL	0.6	USD	FRPL	1.6	0.2	USD	FRPL
CME	Chicago Mercantile Exchange	Currency	R	HUF/EUR	Fut	Floor				0.6	USD	FRPL	0.6	0.2	USD	FRPL
CME	Chicago Mercantile Exchange	Currency	R	HUF/EUR	Opt	Electronic	0.5	USD	FRPL	0.6	USD	FRPL	1.1	0.2	USD	FRPL
CME	Chicago Mercantile Exchange	Currency	R	HUF/EUR	Opt	Floor				0.6	USD	FRPL	0.6	0.2	USD	FRPL
CME	Chicago Mercantile Exchange	Agri	R0A	1st contract back Lean Hog CSO	Opt	Electronic	0.65	USD	FRPL	0.64	USD	FRPL	1.29	0.2	USD	FRPL
CME	Chicago Mercantile Exchange	Agri	R0A	1st contract back Lean Hog CSO	Opt	Floor				0.64	USD	FRPL	0.64	0.2	USD	FRPL
CME	Chicago Mercantile Exchange	Agri	R0B	2nd contract back Lean Hog CSO	Opt	Electronic	0.65	USD	FRPL	0.64	USD	FRPL	1.29	0.2	USD	FRPL
CME	Chicago Mercantile Exchange	Agri	R0B	2nd contract back Lean Hog CSO	Opt	Floor				0.64	USD	FRPL	0.64	0.2	USD	FRPL
CME	Chicago Mercantile Exchange	Agri	R0C	3rd contract back Lean Hog CSO	Opt	Electronic	0.65	USD	FRPL	0.64	USD	FRPL	1.29	0.2	USD	FRPL
CME	Chicago Mercantile Exchange	Agri	R0C	3rd contract back Lean Hog CSO	Opt	Floor				0.64	USD	FRPL	0.64	0.2	USD	FRPL
CME	Chicago Mercantile Exchange	Agri	R0D	4th contract back Lean Hog CSO	Opt	Electronic	0.65	USD	FRPL	0.64	USD	FRPL	1.29	0.2	USD	FRPL
CME	Chicago Mercantile Exchange	Agri	R0D	4th contract back Lean Hog CSO	Opt	Floor				0.64	USD	FRPL	0.64	0.2	USD	FRPL
CME	Chicago Mercantile Exchange	Currency	RA	ZAR/USD	Fut	Electronic	1	USD	FRPL	0.6	USD	FRPL	1.6	0.2	USD	FRPL
CME	Chicago Mercantile Exchange	Currency	RA	ZAR/USD	Fut	Floor				0.6	USD	FRPL	0.6	0.2	USD	FRPL
CME	Chicago Mercantile Exchange	Currency	RA	ZAR/USD	Opt	Electronic	0.5	USD	FRPL	0.6	USD	FRPL	1.1	0.2	USD	FRPL
CME	Chicago Mercantile Exchange	Currency	RA	ZAR/USD	Opt	Floor				0.6	USD	FRPL	0.6	0.2	USD	FRPL
CME	Chicago Mercantile Exchange	Agri	RB	Cheese Spot Call (Barrels)	Fut	Floor				0.64	USD	FRPL	0.64	0.2	USD	FRPL
CME	Chicago Mercantile Exchange	Currency	RB1	RMB/USD Week 1	Opt	Electronic	0.5	USD	FRPL	0.6	USD	FRPL	1.1	0.2	USD	FRPL
CME	Chicago Mercantile Exchange	Currency	RB2	RMB/USD Week 2	Opt	Electronic	0.5	USD	FRPL	0.6	USD	FRPL	1.1	0.2	USD	FRPL
CME	Chicago Mercantile Exchange	Currency	RB3	RMB/USD Week 3	Opt	Electronic	0.5	USD	FRPL	0.6	USD	FRPL	1.1	0.2	USD	FRPL
CME	Chicago Mercantile Exchange	Currency	RB4	RMB/USD Week 4	Opt	Electronic	0.5	USD	FRPL	0.6	USD	FRPL	1.1	0.2	USD	FRPL
CME	Chicago Mercantile Exchange	Currency	RB5	RMB/USD Week 5	Opt	Electronic	0.5	USD	FRPL	0.6	USD	FRPL	1.1	0.2	USD	FRPL
CME	Chicago Mercantile Exchange	Currency	RE1	RMB/EUR Week 1	Opt	Electronic	0.5	USD	FRPL	0.6	USD	FRPL	1.1	0.2	USD	FRPL
CME	Chicago Mercantile Exchange	Currency	RE2	RMB/EUR Week 2	Opt	Electronic	0.5	USD	FRPL	0.6	USD	FRPL	1.1	0.2	USD	FRPL
CME	Chicago Mercantile Exchange	Currency	RE3	RMB/EUR Week 3	Opt	Electronic	0.5	USD	FRPL	0.6	USD	FRPL	1.1	0.2	USD	FRPL
CME	Chicago Mercantile Exchange	Currency	RE4	RMB/EUR Week 4	Opt	Electronic	0.5	USD	FRPL	0.6	USD	FRPL	1.1	0.2	USD	FRPL
CME	Chicago Mercantile Exchange	Currency	RE5	RMB/EUR Week 5	Opt	Electronic	0.5	USD	FRPL	0.6	USD	FRPL	1.1	0.2	USD	FRPL
CME	Chicago Mercantile Exchange	Currency	RF	EUR/CHF	Fut	Electronic	1	USD	FRPL	0.6	USD	FRPL	1.6	0.2	CHF	FRPL
CME	Chicago Mercantile Exchange	Currency	RF	EUR/CHF	Fut	Floor				0.6	USD	FRPL	0.6	0.2	CHF	FRPL
CME	Chicago Mercantile Exchange	Currency	RF	EUR/CHF	Opt	Electronic	0.5	USD	FRPL	0.6	USD	FRPL	1.1	0.2	CHF	FRPL
CME	Chicago Mercantile Exchange	Currency	RF	EUR/CHF	Opt	Floor				0.6	USD	FRPL	0.6	0.2	CHF	FRPL
CME	Chicago Mercantile Exchange	Currency	RMB	RMB/USD	Fut	Electronic	1	USD	FRPL	0.6	USD	FRPL	1.6	0.2	USD	FRPL
CME	Chicago Mercantile Exchange	Currency	RMB	RMB/USD	Opt	Electronic	0.5	USD	FRPL	0.6	USD	FRPL	1.1	0.2	USD	FRPL
CME	Chicago Mercantile Exchange	Currency	RME	RMB/EUR	Fut	Electronic	1	USD	FRPL	0.6	USD	FRPL	1.6	0.2	USD	FRPL
CME	Chicago Mercantile Exchange	Currency	RME	RMB/EUR	Opt	Electronic	0.5	USD	FRPL	0.6	USD	FRPL	1.1	0.2	USD	FRPL
CME	Chicago Mercantile Exchange	Currency	RMY	RMB/JPY	Fut	Electronic	1	USD	FRPL	0.6	USD	FRPL	1.6	15	JPY	FRPL
CME	Chicago Mercantile Exchange	Currency	RMY	RMB/JPY	Opt	Electronic	0.5	USD	FRPL	0.6	USD	FRPL	1.1	15	JPY	FRPL
CME	Chicago Mercantile Exchange	Currency	RN1	RMB/JPY Week 1	Opt	Electronic	0.5	USD	FRPL	0.6	USD	FRPL	1.1	15	JPY	FRPL
CME	Chicago Mercantile Exchange	Currency	RN2	RMB/JPY Week 2	Opt	Electronic	0.5	USD	FRPL	0.6	USD	FRPL	1.1	15	JPY	FRPL
CME	Chicago Mercantile Exchange	Currency	RN3	RMB/JPY Week 3	Opt	Electronic	0.5	USD	FRPL	0.6	USD	FRPL	1.1	15	JPY	FRPL

Exch Code	Exch Desc	Comm Group	Prod Code	Product Desc	F/O	Platform	Trd Fee	Trd Fee Cur	Trd Fee Meth	Clr Fee	Clr Fee Cur	Clr Fee Meth	Fee Total	Brk Fee	Brk Fee Cur	Brk Fee Meth
CME	Chicago Mercantile Exchange	Currency	RN4	RMB/JPY Week 4	Opt	Electronic	0.5	USD	FRPL	0.6	USD	FRPL	1.1	15	JPY	FRPL
CME	Chicago Mercantile Exchange	Currency	RN5	RMB/JPY Week 5	Opt	Electronic	0.5	USD	FRPL	0.6	USD	FRPL	1.1	15	JPY	FRPL
CME	Chicago Mercantile Exchange	Currency	RP	EUR/GBP	Fut	Electronic	1	USD	FRPL	0.6	USD	FRPL	1.6	0.2	USD	FRPL
CME	Chicago Mercantile Exchange	Currency	RP	EUR/GBP	Fut	Floor				0.6	USD	FRPL	0.6	0.2	USD	FRPL
CME	Chicago Mercantile Exchange	Currency	RP	EUR/GBP	Opt	Electronic	0.5	USD	FRPL	0.6	USD	FRPL	1.1	0.2	USD	FRPL
CME	Chicago Mercantile Exchange	Currency	RP	EUR/GBP	Opt	Floor				0.6	USD	FRPL	0.6	0.2	USD	FRPL
CME	Chicago Mercantile Exchange	Currency	RU	RUB/USD	Fut	Electronic	1	USD	FRPL	0.6	USD	FRPL	1.6	0.2	USD	FRPL
CME	Chicago Mercantile Exchange	Currency	RU	RUB/USD	Fut	Floor				0.6	USD	FRPL	0.6	0.2	USD	FRPL
CME	Chicago Mercantile Exchange	Currency	RU	RUB/USD	Opt	Electronic	0.5	USD	FRPL	0.6	USD	FRPL	1.1	0.2	USD	FRPL
CME	Chicago Mercantile Exchange	Currency	RU	RUB/USD	Opt	Floor				0.6	USD	FRPL	0.6	0.2	USD	FRPL
CME	Chicago Mercantile Exchange	Currency	RY	EUR/JPY	Fut	Electronic	1	USD	FRPL	0.6	USD	FRPL	1.6	15	JPY	FRPL
CME	Chicago Mercantile Exchange	Currency	RY	EUR/JPY	Fut	Floor				0.6	USD	FRPL	0.6	15	JPY	FRPL
CME	Chicago Mercantile Exchange	Currency	RY	EUR/JPY	Opt	Electronic	0.5	USD	FRPL	0.6	USD	FRPL	1.1	15	JPY	FRPL
CME	Chicago Mercantile Exchange	Currency	RY	EUR/JPY	Opt	Floor				0.6	USD	FRPL	0.6	15	JPY	FRPL
CME	Chicago Mercantile Exchange	Index	SDG	San Diego CSI	Fut	Electronic	0.75	USD	FRPL	0.39	USD	FRPL	1.14	0.2	USD	FRPL
CME	Chicago Mercantile Exchange	Index	SDG	San Diego CSI	Opt	Floor				0.39	USD	FRPL	0.39	0.2	USD	FRPL
CME	Chicago Mercantile Exchange	Int Rate	SDV	US-Nd 10 Year Sovereign Yield Spread	Fut	Electronic	0.1	USD	FRPL	0.64	USD	FRPL	0.74	0.2	USD	FRPL
CME	Chicago Mercantile Exchange	Currency	SE	SEK/USD	Fut	Electronic	1	USD	FRPL	0.6	USD	FRPL	1.6	0.2	USD	FRPL
CME	Chicago Mercantile Exchange	Int Rate	SEV	US-De 10 Year Sovereign Yield Spread	Fut	Electronic	0.1	USD	FRPL	0.64	USD	FRPL	0.74	0.2	USD	FRPL
CME	Chicago Mercantile Exchange	Index	SFR	San Francisco CSI	Fut	Electronic	0.75	USD	FRPL	0.39	USD	FRPL	1.14	0.2	USD	FRPL
CME	Chicago Mercantile Exchange	Index	SFR	San Francisco CSI	Opt	Floor				0.39	USD	FRPL	0.39	0.2	USD	FRPL
CME	Chicago Mercantile Exchange	Int Rate	SFV	US-Fr 10 Year Sovereign Yield Spread	Fut	Electronic	0.1	USD	FRPL	0.64	USD	FRPL	0.74	0.2	USD	FRPL
CME	Chicago Mercantile Exchange	Index	SG	S&P 500 Citigroup Growth Index	Fut	Electronic	1.5	USD	FRPL	0.8	USD	FRPL	2.3	0.2	USD	FRPL
CME	Chicago Mercantile Exchange	Index	SG	S&P 500 Citigroup Growth Index	Opt	Electronic	1.5	USD	FRPL	0.8	USD	FRPL	2.3	0.2	USD	FRPL
CME	Chicago Mercantile Exchange	Currency	SJ	CHF/JPY	Fut	Electronic	1	USD	FRPL	0.6	USD	FRPL	1.6	15	JPY	FRPL
CME	Chicago Mercantile Exchange	Int Rate	SKV	US-UK 10 year Sovereign Yield Spread	Fut	Electronic	0.1	USD	FRPL	0.64	USD	FRPL	0.74	0.2	USD	FRPL
CME	Chicago Mercantile Exchange	Index	SMC	E-Mini S&P SmallCap 600 Index	Fut	Electronic	0.75	USD	FRPL	0.39	USD	FRPL	1.14	0.2	USD	FRPL
CME	Chicago Mercantile Exchange	Index	SMC	E-Mini S&P SmallCap 600 Index	Opt	Electronic	0.16	USD	FRPL	0.39	USD	FRPL	0.55	0.2	USD	FRPL
CME	Chicago Mercantile Exchange	Index	SMP	S&P SmallCap 600 Index	Fut	Electronic	1.5	USD	FRPL	0.8	USD	FRPL	2.3	0.2	USD	FRPL
CME	Chicago Mercantile Exchange	Index	SMP	S&P SmallCap 600 Index	Fut	Floor				0.8	USD	FRPL	0.8	0.2	USD	FRPL
CME	Chicago Mercantile Exchange	Index	SP	S&P 500	Fut	Electronic	1.5	USD	FRPL	0.8	USD	FRPL	2.3	0.2	USD	FRPL
CME	Chicago Mercantile Exchange	Index	SP	S&P 500	Fut	Floor				0.8	USD	FRPL	0.8	0.2	USD	FRPL
CME	Chicago Mercantile Exchange	Index	SP	S&P 500	Opt	Electronic	1.5	USD	FRPL	0.8	USD	FRPL	2.3	0.2	USD	FRPL
CME	Chicago Mercantile Exchange	Index	SP	S&P 500	Opt	Floor				0.8	USD	FRPL	0.8	0.2	USD	FRPL
CME	Chicago Mercantile Exchange	Int Rate	SP1	Eurodollar Calendar Spread	Opt	Electronic	0.25	USD	FRPL	0.64	USD	FRPL	0.89	0.2	USD	FRPL
CME	Chicago Mercantile Exchange	Int Rate	SP1	Eurodollar Calendar Spread	Opt	Floor				0.64	USD	FRPL	0.64	0.2	USD	FRPL
CME	Chicago Mercantile Exchange	Int Rate	STV	US-It 10 Year Sovereign Yield Spread	Fut	Electronic	0.1	USD	FRPL	0.64	USD	FRPL	0.74	0.2	USD	FRPL
CME	Chicago Mercantile Exchange	Index	SU	S&P 500 Citigroup Value Index	Fut	Electronic	1.5	USD	FRPL	0.8	USD	FRPL	2.3	0.2	USD	FRPL
CME	Chicago Mercantile Exchange	Index	SU	S&P 500 Citigroup Value Index	Opt	Electronic	1.5	USD	FRPL	0.8	USD	FRPL	2.3	0.2	USD	FRPL
CME	Chicago Mercantile Exchange	Int Rate	T1	13 Week Treasury Bill	Fut	Electronic	0.55	USD	FRPL	0.64	USD	FRPL	1.19	0.2	USD	FRPL
CME	Chicago Mercantile Exchange	Int Rate	T1	13 Week Treasury Bill	Fut	Floor				0.64	USD	FRPL	0.64	0.2	USD	FRPL
CME	Chicago Mercantile Exchange	Int Rate	T1	13 Week Treasury Bill	Opt	Floor				0.64	USD	FRPL	0.64	0.2	USD	FRPL
CME	Chicago Mercantile Exchange	Currency	TRE	EUR/TRY	Fut	Electronic	1	USD	FRPL	0.6	USD	FRPL	1.6	0.35	USD	FRPL
CME	Chicago Mercantile Exchange	Currency	TRY	USD/TRY	Fut	Electronic	1	USD	FRPL	0.6	USD	FRPL	1.6	0.35	USD	FRPL
CME	Chicago Mercantile Exchange	Currency	UN	NOK/USD	Fut	Electronic	1	USD	FRPL	0.6	USD	FRPL	1.6	0.2	USD	FRPL
CME	Chicago Mercantile Exchange	Index	WDC	Washington D.C CSI	Fut	Electronic	0.75	USD	FRPL	0.39	USD	FRPL	1.14	0.2	USD	FRPL
CME	Chicago Mercantile Exchange	Index	WDC	Washington D.C CSI	Opt	Floor				0.39	USD	FRPL	0.39	0.2	USD	FRPL
CME	Chicago Mercantile Exchange	Soft	WP	Softwood Pulp	Fut	Electronic	1.25	USD	FRPL	0.64	USD	FRPL	1.89	0.2	USD	FRPL
CME	Chicago Mercantile Exchange	Soft	WP	Softwood Pulp	Opt	Electronic	0.65	USD	FRPL	0.64	USD	FRPL	1.29	0.2	USD	FRPL
CME	Chicago Mercantile Exchange	Currency	XA	AUD/USD Euro Style	Opt	Electronic	0.5	USD	FRPL	0.6	USD	FRPL	1.1	0.2	USD	FRPL
CME	Chicago Mercantile Exchange	Currency	XA	AUD/USD Euro Style	Opt	Floor				0.6	USD	FRPL	0.6	0.2	USD	FRPL
CME	Chicago Mercantile Exchange	Index	XAB	E-Mini Materials Select Sector Index	Fut	Electronic	0.75	USD	FRPL	0.39	USD	FRPL	1.14	0.2	USD	FRPL
CME	Chicago Mercantile Exchange	Index	XAE	E-Mini Energy Select Sector Index	Fut	Electronic	0.75	USD	FRPL	0.39	USD	FRPL	1.14	0.2	USD	FRPL
CME	Chicago Mercantile Exchange	Index	XAF	E-Mini Financial Select Sector Index	Fut	Electronic	0.75	USD	FRPL	0.39	USD	FRPL	1.14	0.2	USD	FRPL
CME	Chicago Mercantile Exchange	Index	XAI	E-Mini Industrial Select Sector Index	Fut	Electronic	0.75	USD	FRPL	0.39	USD	FRPL	1.14	0.2	USD	FRPL
CME	Chicago Mercantile Exchange	Index	XAK	E-Mini Technology Select Sector Index	Fut	Electronic	0.75	USD	FRPL	0.39	USD	FRPL	1.14	0.2	USD	FRPL
CME	Chicago Mercantile Exchange	Index	XAP	E-Mini Consumer Staples Select Sector Index	Fut	Electronic	0.75	USD	FRPL	0.39	USD	FRPL	1.14	0.2	USD	FRPL
CME	Chicago Mercantile Exchange	Index	XAU	E-Mini Utilities Select Sector Index	Fut	Electronic	0.75	USD	FRPL	0.39	USD	FRPL	1.14	0.2	USD	FRPL
CME	Chicago Mercantile Exchange	Index	XAV	E-Mini Health Care Select Sector Index	Fut	Electronic	0.75	USD	FRPL	0.39	USD	FRPL	1.14	0.2	USD	FRPL

Exch Code	Exch Desc	Comm Group	Prod Code	Product Desc	F/O	Platform	Trd Fee	Trd Fee Cur	Trd Fee Meth	Clr Fee	Clr Fee Cur	Clr Fee Meth	Fee Total	Brk Fee	Brk Fee Cur	Brk Fee Meth
CME	Chicago Mercantile Exchange	Index	XAY	E-Mini Consumer Discretionary Select Sector Index	Fut	Electronic	0.75	USD	FRPL	0.39	USD	FRPL	1.14	0.2	USD	FRPL
CME	Chicago Mercantile Exchange	Index	XG	S&P 500 Citigroup Growth Flex - American	Opt	Electronic	1.5	USD	FRPL	0.8	USD	FRPL	2.3	0.2	USD	FRPL
CME	Chicago Mercantile Exchange	Index	XH	Nasdaq-100 Flex - American	Opt	Electronic	1.5	USD	FRPL	0.8	USD	FRPL	2.3	0.2	USD	FRPL
CME	Chicago Mercantile Exchange	Index	XH	Nasdaq-100 Flex - American	Opt	Floor				0.8	USD	FRPL	0.8	0.2	USD	FRPL
CME	Chicago Mercantile Exchange	Index	XN	Nikkei 225 Flex - American	Opt	Floor				0.8	USD	FRPL	0.8	0.2	USD	FRPL
CME	Chicago Mercantile Exchange	Index	XP	S&P 500 Flex - American	Opt	Electronic	1.5	USD	FRPL	0.8	USD	FRPL	2.3	0.2	USD	FRPL
CME	Chicago Mercantile Exchange	Index	XP	S&P 500 Flex - American	Opt	Floor				0.8	USD	FRPL	0.8	0.2	USD	FRPL
CME	Chicago Mercantile Exchange	Index	XW	S&P 500 Citigroup Value Flex - American	Opt	Electronic	1.5	USD	FRPL	0.8	USD	FRPL	2.3	0.2	USD	FRPL
CME	Chicago Mercantile Exchange	Index	XZ	S&P MidCap 400 Flex - American	Opt	Floor				0.8	USD	FRPL	0.8	0.2	USD	FRPL
CME	Chicago Mercantile Exchange	Int Rate	Y1	Eurodollar 1 Year Bundle	Fut	Electronic	0.55	USD	FRPL	0.64	USD	FRPL	1.19	0.2	USD	FRPL
CME	Chicago Mercantile Exchange	Int Rate	Y1	Eurodollar 1 Year Bundle	Fut	Floor				0.64	USD	FRPL	0.64	0.2	USD	FRPL
CME	Chicago Mercantile Exchange	Int Rate	Y10	Eurodollar 10 Year Bundle	Fut	Electronic	0.1	USD	FRPL	0.64	USD	FRPL	0.74	0.2	USD	FRPL
CME	Chicago Mercantile Exchange	Int Rate	Y10	Eurodollar 10 Year Bundle	Fut	Floor				0.64	USD	FRPL	0.64	0.2	USD	FRPL
CME	Chicago Mercantile Exchange	Int Rate	Y2	Eurodollar 2 Year Bundle	Fut	Electronic	0.1	USD	FRPL	0.64	USD	FRPL	0.74	0.2	USD	FRPL
CME	Chicago Mercantile Exchange	Int Rate	Y2	Eurodollar 2 Year Bundle	Fut	Floor				0.64	USD	FRPL	0.64	0.2	USD	FRPL
CME	Chicago Mercantile Exchange	Int Rate	Y3	Eurodollar 3 Year Bundle	Fut	Electronic	0.1	USD	FRPL	0.64	USD	FRPL	0.74	0.2	USD	FRPL
CME	Chicago Mercantile Exchange	Int Rate	Y3	Eurodollar 3 Year Bundle	Fut	Floor				0.64	USD	FRPL	0.64	0.2	USD	FRPL
CME	Chicago Mercantile Exchange	Int Rate	Y4	Eurodollar 4 Year Bundle	Fut	Electronic	0.1	USD	FRPL	0.64	USD	FRPL	0.74	0.2	USD	FRPL
CME	Chicago Mercantile Exchange	Int Rate	Y4	Eurodollar 4 Year Bundle	Fut	Floor				0.64	USD	FRPL	0.64	0.2	USD	FRPL
CME	Chicago Mercantile Exchange	Int Rate	Y5	Eurodollar 5 Year Bundle	Fut	Electronic	0.1	USD	FRPL	0.64	USD	FRPL	0.74	0.2	USD	FRPL
CME	Chicago Mercantile Exchange	Int Rate	Y5	Eurodollar 5 Year Bundle	Fut	Floor				0.64	USD	FRPL	0.64	0.2	USD	FRPL
CME	Chicago Mercantile Exchange	Int Rate	Y6	Eurodollar 6 Year Bundle	Fut	Electronic	0.1	USD	FRPL	0.64	USD	FRPL	0.74	0.2	USD	FRPL
CME	Chicago Mercantile Exchange	Int Rate	Y6	Eurodollar 6 Year Bundle	Fut	Floor				0.64	USD	FRPL	0.64	0.2	USD	FRPL
CME	Chicago Mercantile Exchange	Int Rate	Y7	Eurodollar 7 Year Bundle	Fut	Electronic	0.1	USD	FRPL	0.64	USD	FRPL	0.74	0.2	USD	FRPL
CME	Chicago Mercantile Exchange	Int Rate	Y7	Eurodollar 7 Year Bundle	Fut	Floor				0.64	USD	FRPL	0.64	0.2	USD	FRPL
CME	Chicago Mercantile Exchange	Int Rate	Y8	Eurodollar 8 Year Bundle	Fut	Electronic	0.1	USD	FRPL	0.64	USD	FRPL	0.74	0.2	USD	FRPL
CME	Chicago Mercantile Exchange	Int Rate	Y8	Eurodollar 8 Year Bundle	Fut	Floor				0.64	USD	FRPL	0.64	0.2	USD	FRPL
CME	Chicago Mercantile Exchange	Int Rate	Y9	Eurodollar 9 Year Bundle	Fut	Electronic	0.1	USD	FRPL	0.64	USD	FRPL	0.74	0.2	USD	FRPL
CME	Chicago Mercantile Exchange	Int Rate	Y9	Eurodollar 9 Year Bundle	Fut	Floor				0.64	USD	FRPL	0.64	0.2	USD	FRPL
CME	Chicago Mercantile Exchange	Currency	YB	GBP/USD Euro Style	Opt	Electronic	0.5	USD	FRPL	0.6	USD	FRPL	1.1	0.2	USD	FRPL
CME	Chicago Mercantile Exchange	Currency	YB	GBP/USD Euro Style	Opt	Floor				0.6	USD	FRPL	0.6	0.2	USD	FRPL
CME	Chicago Mercantile Exchange	Currency	YD	CAD/USD Euro Style	Opt	Electronic	0.5	USD	FRPL	0.6	USD	FRPL	1.1	0.2	USD	FRPL
CME	Chicago Mercantile Exchange	Currency	YD	CAD/USD Euro Style	Opt	Floor				0.6	USD	FRPL	0.6	0.2	USD	FRPL
CME	Chicago Mercantile Exchange	Index	YG	S&P 500 Citigroup Growth Flex - European	Opt	Electronic	1.5	USD	FRPL	0.8	USD	FRPL	2.3	0.2	USD	FRPL
CME	Chicago Mercantile Exchange	Index	YH	Nasdaq-100 Flex - European	Opt	Electronic	1.5	USD	FRPL	0.8	USD	FRPL	2.3	0.2	USD	FRPL
CME	Chicago Mercantile Exchange	Index	YH	Nasdaq-100 Flex - European	Opt	Floor				0.8	USD	FRPL	0.8	0.2	USD	FRPL
CME	Chicago Mercantile Exchange	Currency	YJ	JPY/USD Euro Style	Opt	Electronic	0.5	USD	FRPL	0.6	USD	FRPL	1.1	0.2	USD	FRPL
CME	Chicago Mercantile Exchange	Currency	YJ	JPY/USD Euro Style	Opt	Floor				0.6	USD	FRPL	0.6	0.2	USD	FRPL
CME	Chicago Mercantile Exchange	Index	YN	Nikkei 225 Flex - European	Opt	Floor				0.8	USD	FRPL	0.8	0.2	USD	FRPL
CME	Chicago Mercantile Exchange	Index	YP	S&P 500 Flex - European	Opt	Electronic	1.5	USD	FRPL	0.8	USD	FRPL	2.3	0.2	USD	FRPL
CME	Chicago Mercantile Exchange	Index	YP	S&P 500 Flex - European	Opt	Floor				0.8	USD	FRPL	0.8	0.2	USD	FRPL
CME	Chicago Mercantile Exchange	Currency	YS	CHF/USD Euro Style	Opt	Electronic	0.5	USD	FRPL	0.6	USD	FRPL	1.1	0.2	USD	FRPL
CME	Chicago Mercantile Exchange	Currency	YS	CHF/USD Euro Style	Opt	Floor				0.6	USD	FRPL	0.6	0.2	USD	FRPL
CME	Chicago Mercantile Exchange	Currency	YT	EUR/USD Euro Style	Opt	Electronic	0.5	USD	FRPL	0.6	USD	FRPL	1.1	0.2	USD	FRPL
CME	Chicago Mercantile Exchange	Currency	YT	EUR/USD Euro Style	Opt	Floor				0.6	USD	FRPL	0.6	0.2	USD	FRPL
CME	Chicago Mercantile Exchange	Index	YW	S&P 500 Citigroup Value Flex - European	Opt	Electronic	1.5	USD	FRPL	0.8	USD	FRPL	2.3	0.2	USD	FRPL
CME	Chicago Mercantile Exchange	Index	YZ	S&P MidCap 400 Flex - European	Opt	Floor				0.8	USD	FRPL	0.8	0.2	USD	FRPL
CME	Chicago Mercantile Exchange	Currency	Z	PLN/EUR	Fut	Electronic	1	USD	FRPL	0.6	USD	FRPL	1.6	0.2	USD	FRPL
CME	Chicago Mercantile Exchange	Currency	Z	PLN/EUR	Fut	Floor				0.6	USD	FRPL	0.6	0.2	USD	FRPL
CME	Chicago Mercantile Exchange	Currency	Z	PLN/EUR	Opt	Electronic	0.5	USD	FRPL	0.6	USD	FRPL	1.1	0.2	USD	FRPL
CME	Chicago Mercantile Exchange	Currency	Z	PLN/EUR	Opt	Floor				0.6	USD	FRPL	0.6	0.2	USD	FRPL
COMEX	New York Mercantile Exchange - COMEX Division	Metal	6Q	E-mini Silver	Fut	Electronic				0.29	USD	FRPL	0.29	0.2	USD	FRPL
COMEX	New York Mercantile Exchange - COMEX Division	Metal	AUP	Aluminum MW US Transaction Premium Platts (25mt)	Fut	Electronic				1.95	USD	FRPL	1.95	0.2	USD	FRPL
COMEX	New York Mercantile Exchange - COMEX Division	Metal	AUP	Aluminum MW US Transaction Premium Platts (25mt)	Fut	Floor				1.95	USD	FRPL	1.95	0.2	USD	FRPL
COMEX	New York Mercantile Exchange - COMEX Division	Metal	CAP	Copper Average Price Option	Opt	Floor				1.95	USD	FRPL	1.95	0.2	USD	FRPL

Exch Code	Exch Desc	Comm Group	Prod Code	Product Desc	F/O	Platform	Trd Fee	Trd Fee Cur	Trd Fee Meth	Clr Fee	Clr Fee Cur	Clr Fee Meth	Fee Total	Brk Fee	Brk Fee Cur	Brk Fee Meth
COMEX	New York Mercantile Exchange - COMEX Division	Metal	GC	Gold	Fut	Electronic				1.45	USD	FRPL	1.45	0.2	USD	FRPL
COMEX	New York Mercantile Exchange - COMEX Division	Metal	GC	Gold	Fut	Floor				1.45	USD	FRPL	1.45	0.2	USD	FRPL
COMEX	New York Mercantile Exchange - COMEX Division	Index	GVF	Gold Volatility Index (VIX)	Fut	Electronic				1.5	USD	FRPL	1.5	0.2	USD	FRPL
COMEX	New York Mercantile Exchange - COMEX Division	Index	GVP	Gold Volatility Index (VIX)	Opt	Electronic				1.45	USD	FRPL	1.45	0.2	USD	FRPL
COMEX	New York Mercantile Exchange - COMEX Division	Metal	HG	Copper	Fut	Electronic				1.45	USD	FRPL	1.45	0.2	USD	FRPL
COMEX	New York Mercantile Exchange - COMEX Division	Metal	HG	Copper	Fut	Floor				1.45	USD	FRPL	1.45	0.2	USD	FRPL
COMEX	New York Mercantile Exchange - COMEX Division	Metal	HGS	Copper Financial Futures	Fut	Floor				1.95	USD	FRPL	1.95	0.2	USD	FRPL
COMEX	New York Mercantile Exchange - COMEX Division	Metal	HX	Copper	Opt	Electronic				0.45	USD	FRPL	0.45	0.2	USD	FRPL
COMEX	New York Mercantile Exchange - COMEX Division	Metal	HX	Copper	Opt	Floor				0.45	USD	FRPL	0.45	0.2	USD	FRPL
COMEX	New York Mercantile Exchange - COMEX Division	Metal	L01	Short Term Gold Calendar Day 1	Opt	Electronic				1.45	USD	FRPL	1.45	0.2	USD	FRPL
COMEX	New York Mercantile Exchange - COMEX Division	Metal	L01	Short Term Gold Calendar Day 1	Opt	Floor				1.45	USD	FRPL	1.45	0.2	USD	FRPL
COMEX	New York Mercantile Exchange - COMEX Division	Metal	L02	Short Term Gold Calendar Day 2	Opt	Electronic				1.45	USD	FRPL	1.45	0.2	USD	FRPL
COMEX	New York Mercantile Exchange - COMEX Division	Metal	L02	Short Term Gold Calendar Day 2	Opt	Floor				1.45	USD	FRPL	1.45	0.2	USD	FRPL
COMEX	New York Mercantile Exchange - COMEX Division	Metal	L03	Short Term Gold Calendar Day 3	Opt	Electronic				1.45	USD	FRPL	1.45	0.2	USD	FRPL
COMEX	New York Mercantile Exchange - COMEX Division	Metal	L03	Short Term Gold Calendar Day 3	Opt	Floor				1.45	USD	FRPL	1.45	0.2	USD	FRPL
COMEX	New York Mercantile Exchange - COMEX Division	Metal	L04	Short Term Gold Calendar Day 4	Opt	Electronic				1.45	USD	FRPL	1.45	0.2	USD	FRPL
COMEX	New York Mercantile Exchange - COMEX Division	Metal	L04	Short Term Gold Calendar Day 4	Opt	Floor				1.45	USD	FRPL	1.45	0.2	USD	FRPL
COMEX	New York Mercantile Exchange - COMEX Division	Metal	L05	Short Term Gold Calendar Day 5	Opt	Electronic				1.45	USD	FRPL	1.45	0.2	USD	FRPL
COMEX	New York Mercantile Exchange - COMEX Division	Metal	L05	Short Term Gold Calendar Day 5	Opt	Floor				1.45	USD	FRPL	1.45	0.2	USD	FRPL
COMEX	New York Mercantile Exchange - COMEX Division	Metal	L06	Short Term Gold Calendar Day 6	Opt	Electronic				1.45	USD	FRPL	1.45	0.2	USD	FRPL
COMEX	New York Mercantile Exchange - COMEX Division	Metal	L06	Short Term Gold Calendar Day 6	Opt	Floor				1.45	USD	FRPL	1.45	0.2	USD	FRPL
COMEX	New York Mercantile Exchange - COMEX Division	Metal	L07	Short Term Gold Calendar Day 7	Opt	Electronic				1.45	USD	FRPL	1.45	0.2	USD	FRPL
COMEX	New York Mercantile Exchange - COMEX Division	Metal	L07	Short Term Gold Calendar Day 7	Opt	Floor				1.45	USD	FRPL	1.45	0.2	USD	FRPL
COMEX	New York Mercantile Exchange - COMEX Division	Metal	L08	Short Term Gold Calendar Day 8	Opt	Electronic				1.45	USD	FRPL	1.45	0.2	USD	FRPL
COMEX	New York Mercantile Exchange - COMEX Division	Metal	L08	Short Term Gold Calendar Day 8	Opt	Floor				1.45	USD	FRPL	1.45	0.2	USD	FRPL
COMEX	New York Mercantile Exchange - COMEX Division	Metal	L09	Short Term Gold Calendar Day 9	Opt	Electronic				1.45	USD	FRPL	1.45	0.2	USD	FRPL
COMEX	New York Mercantile Exchange - COMEX Division	Metal	L09	Short Term Gold Calendar Day 9	Opt	Floor				1.45	USD	FRPL	1.45	0.2	USD	FRPL
COMEX	New York Mercantile Exchange - COMEX Division	Metal	L10	Short Term Gold Calendar Day 10	Opt	Electronic				1.45	USD	FRPL	1.45	0.2	USD	FRPL
COMEX	New York Mercantile Exchange - COMEX Division	Metal	L10	Short Term Gold Calendar Day 10	Opt	Floor				1.45	USD	FRPL	1.45	0.2	USD	FRPL

Exch Code	Exch Desc	Comm Group	Prod Code	Product Desc	F/O	Platform	Trd Fee	Trd Fee Cur	Trd Fee Meth	Clr Fee	Clr Fee Cur	Clr Fee Meth	Fee Total	Brk Fee	Brk Fee Cur	Brk Fee Meth
COMEX	New York Mercantile Exchange - COMEX Division	Metal	L11	Short Term Gold Calendar Day 11	Opt	Electronic				1.45	USD	FRPL	1.45	0.2	USD	FRPL
COMEX	New York Mercantile Exchange - COMEX Division	Metal	L11	Short Term Gold Calendar Day 11	Opt	Floor				1.45	USD	FRPL	1.45	0.2	USD	FRPL
COMEX	New York Mercantile Exchange - COMEX Division	Metal	L12	Short Term Gold Calendar Day 12	Opt	Electronic				1.45	USD	FRPL	1.45	0.2	USD	FRPL
COMEX	New York Mercantile Exchange - COMEX Division	Metal	L12	Short Term Gold Calendar Day 12	Opt	Floor				1.45	USD	FRPL	1.45	0.2	USD	FRPL
COMEX	New York Mercantile Exchange - COMEX Division	Metal	L13	Short Term Gold Calendar Day 13	Opt	Electronic				1.45	USD	FRPL	1.45	0.2	USD	FRPL
COMEX	New York Mercantile Exchange - COMEX Division	Metal	L13	Short Term Gold Calendar Day 13	Opt	Floor				1.45	USD	FRPL	1.45	0.2	USD	FRPL
COMEX	New York Mercantile Exchange - COMEX Division	Metal	L14	Short Term Gold Calendar Day 14	Opt	Electronic				1.45	USD	FRPL	1.45	0.2	USD	FRPL
COMEX	New York Mercantile Exchange - COMEX Division	Metal	L14	Short Term Gold Calendar Day 14	Opt	Floor				1.45	USD	FRPL	1.45	0.2	USD	FRPL
COMEX	New York Mercantile Exchange - COMEX Division	Metal	L15	Short Term Gold Calendar Day 15	Opt	Electronic				1.45	USD	FRPL	1.45	0.2	USD	FRPL
COMEX	New York Mercantile Exchange - COMEX Division	Metal	L15	Short Term Gold Calendar Day 15	Opt	Floor				1.45	USD	FRPL	1.45	0.2	USD	FRPL
COMEX	New York Mercantile Exchange - COMEX Division	Metal	L16	Short Term Gold Calendar Day 16	Opt	Electronic				1.45	USD	FRPL	1.45	0.2	USD	FRPL
COMEX	New York Mercantile Exchange - COMEX Division	Metal	L16	Short Term Gold Calendar Day 16	Opt	Floor				1.45	USD	FRPL	1.45	0.2	USD	FRPL
COMEX	New York Mercantile Exchange - COMEX Division	Metal	L17	Short Term Gold Calendar Day 17	Opt	Electronic				1.45	USD	FRPL	1.45	0.2	USD	FRPL
COMEX	New York Mercantile Exchange - COMEX Division	Metal	L17	Short Term Gold Calendar Day 17	Opt	Floor				1.45	USD	FRPL	1.45	0.2	USD	FRPL
COMEX	New York Mercantile Exchange - COMEX Division	Metal	L18	Short Term Gold Calendar Day 18	Opt	Electronic				1.45	USD	FRPL	1.45	0.2	USD	FRPL
COMEX	New York Mercantile Exchange - COMEX Division	Metal	L18	Short Term Gold Calendar Day 18	Opt	Floor				1.45	USD	FRPL	1.45	0.2	USD	FRPL
COMEX	New York Mercantile Exchange - COMEX Division	Metal	L19	Short Term Gold Calendar Day 19	Opt	Electronic				1.45	USD	FRPL	1.45	0.2	USD	FRPL
COMEX	New York Mercantile Exchange - COMEX Division	Metal	L19	Short Term Gold Calendar Day 19	Opt	Floor				1.45	USD	FRPL	1.45	0.2	USD	FRPL
COMEX	New York Mercantile Exchange - COMEX Division	Metal	L20	Short Term Gold Calendar Day 20	Opt	Electronic				1.45	USD	FRPL	1.45	0.2	USD	FRPL
COMEX	New York Mercantile Exchange - COMEX Division	Metal	L20	Short Term Gold Calendar Day 20	Opt	Floor				1.45	USD	FRPL	1.45	0.2	USD	FRPL
COMEX	New York Mercantile Exchange - COMEX Division	Metal	L21	Short Term Gold Calendar Day 21	Opt	Electronic				1.45	USD	FRPL	1.45	0.2	USD	FRPL
COMEX	New York Mercantile Exchange - COMEX Division	Metal	L21	Short Term Gold Calendar Day 21	Opt	Floor				1.45	USD	FRPL	1.45	0.2	USD	FRPL
COMEX	New York Mercantile Exchange - COMEX Division	Metal	L22	Short Term Gold Calendar Day 22	Opt	Electronic				1.45	USD	FRPL	1.45	0.2	USD	FRPL
COMEX	New York Mercantile Exchange - COMEX Division	Metal	L22	Short Term Gold Calendar Day 22	Opt	Floor				1.45	USD	FRPL	1.45	0.2	USD	FRPL
COMEX	New York Mercantile Exchange - COMEX Division	Metal	L23	Short Term Gold Calendar Day 23	Opt	Electronic				1.45	USD	FRPL	1.45	0.2	USD	FRPL
COMEX	New York Mercantile Exchange - COMEX Division	Metal	L23	Short Term Gold Calendar Day 23	Opt	Floor				1.45	USD	FRPL	1.45	0.2	USD	FRPL
COMEX	New York Mercantile Exchange - COMEX Division	Metal	L24	Short Term Gold Calendar Day 24	Opt	Electronic				1.45	USD	FRPL	1.45	0.2	USD	FRPL
COMEX	New York Mercantile Exchange - COMEX Division	Metal	L24	Short Term Gold Calendar Day 24	Opt	Floor				1.45	USD	FRPL	1.45	0.2	USD	FRPL
COMEX	New York Mercantile Exchange - COMEX Division	Metal	L25	Short Term Gold Calendar Day 25	Opt	Electronic				1.45	USD	FRPL	1.45	0.2	USD	FRPL

Exch Code	Exch Desc	Comm Group	Prod Code	Product Desc	F/O	Platform	Trd Fee	Trd Fee Cur	Trd Fee Meth	Clr Fee	Clr Fee Cur	Clr Fee Meth	Fee Total	Brk Fee	Brk Fee Cur	Brk Fee Meth
COMEX	New York Mercantile Exchange - COMEX Division	Metal	L25	Short Term Gold Calendar Day 25	Opt	Floor				1.45	USD	FRPL	1.45	0.2	USD	FRPL
COMEX	New York Mercantile Exchange - COMEX Division	Metal	L26	Short Term Gold Calendar Day 26	Opt	Electronic				1.45	USD	FRPL	1.45	0.2	USD	FRPL
COMEX	New York Mercantile Exchange - COMEX Division	Metal	L26	Short Term Gold Calendar Day 26	Opt	Floor				1.45	USD	FRPL	1.45	0.2	USD	FRPL
COMEX	New York Mercantile Exchange - COMEX Division	Metal	L27	Short Term Gold Calendar Day 27	Opt	Electronic				1.45	USD	FRPL	1.45	0.2	USD	FRPL
COMEX	New York Mercantile Exchange - COMEX Division	Metal	L27	Short Term Gold Calendar Day 27	Opt	Floor				1.45	USD	FRPL	1.45	0.2	USD	FRPL
COMEX	New York Mercantile Exchange - COMEX Division	Metal	L28	Short Term Gold Calendar Day 28	Opt	Electronic				1.45	USD	FRPL	1.45	0.2	USD	FRPL
COMEX	New York Mercantile Exchange - COMEX Division	Metal	L28	Short Term Gold Calendar Day 28	Opt	Floor				1.45	USD	FRPL	1.45	0.2	USD	FRPL
COMEX	New York Mercantile Exchange - COMEX Division	Metal	L29	Short Term Gold Calendar Day 29	Opt	Electronic				1.45	USD	FRPL	1.45	0.2	USD	FRPL
COMEX	New York Mercantile Exchange - COMEX Division	Metal	L29	Short Term Gold Calendar Day 29	Opt	Floor				1.45	USD	FRPL	1.45	0.2	USD	FRPL
COMEX	New York Mercantile Exchange - COMEX Division	Metal	L30	Short Term Gold Calendar Day 30	Opt	Electronic				1.45	USD	FRPL	1.45	0.2	USD	FRPL
COMEX	New York Mercantile Exchange - COMEX Division	Metal	L30	Short Term Gold Calendar Day 30	Opt	Floor				1.45	USD	FRPL	1.45	0.2	USD	FRPL
COMEX	New York Mercantile Exchange - COMEX Division	Metal	L31	Short Term Gold Calendar Day 31	Opt	Electronic				1.45	USD	FRPL	1.45	0.2	USD	FRPL
COMEX	New York Mercantile Exchange - COMEX Division	Metal	L31	Short Term Gold Calendar Day 31	Opt	Floor				1.45	USD	FRPL	1.45	0.2	USD	FRPL
COMEX	New York Mercantile Exchange - COMEX Division	Metal	MGC	E-Micro Gold	Fut	Electronic				0.2	USD	FRPL	0.2	0.2	USD	FRPL
COMEX	New York Mercantile Exchange - COMEX Division	Metal	OG	Gold	Opt	Electronic				1.45	USD	FRPL	1.45	0.2	USD	FRPL
COMEX	New York Mercantile Exchange - COMEX Division	Metal	OG	Gold	Opt	Floor				1.45	USD	FRPL	1.45	0.2	USD	FRPL
COMEX	New York Mercantile Exchange - COMEX Division	Metal	QC	E-mini Copper	Fut	Electronic				0.75	USD	FRPL	0.75	0.2	USD	FRPL
COMEX	New York Mercantile Exchange - COMEX Division	Metal	QI	miNY Silver	Fut	Electronic				0.75	USD	FRPL	0.75	0.2	USD	FRPL
COMEX	New York Mercantile Exchange - COMEX Division	Metal	QO	miNY Gold	Fut	Electronic				0.75	USD	FRPL	0.75	0.2	USD	FRPL
COMEX	New York Mercantile Exchange - COMEX Division	Metal	SI	Silver	Fut	Electronic				1.45	USD	FRPL	1.45	0.2	USD	FRPL
COMEX	New York Mercantile Exchange - COMEX Division	Metal	SI	Silver	Fut	Floor				1.45	USD	FRPL	1.45	0.2	USD	FRPL
COMEX	New York Mercantile Exchange - COMEX Division	Metal	SO	Silver	Opt	Electronic				1.45	USD	FRPL	1.45	0.2	USD	FRPL
COMEX	New York Mercantile Exchange - COMEX Division	Metal	SO	Silver	Opt	Floor				1.45	USD	FRPL	1.45	0.2	USD	FRPL
ENX-FR	Euronext Paris	Equity		Group: ENX-FR102 (AXA)	Opt	Electronic	0.04	EUR	FRPL	0.02	EUR	FRPL	0.06	0.15	EUR	FRPL
ENX-FR	Euronext Paris	Equity		Group: ENX-FR103 (AXA)	Opt	Electronic	0.4	EUR	FRPL	0.05	EUR	FRPL	0.45	0.15	EUR	FRPL
ENX-FR	Euronext Paris	Equity		Group: ENX-FR3302 (AXA)	Opt	Electronic	0.04	EUR	FRPL	0.02	EUR	FRPL	0.06	0.15	EUR	FRPL
ENX-FR	Euronext Paris	Index	ASI	Lyxor China Enterprise (HSCEI)	Opt	Electronic	0.55	EUR	FRPL	0.05	EUR	FRPL	0.6	0.15	EUR	FRPL
ENX-FR	Euronext Paris	Index	BNK	Lyxor Stoxx 600 Banks	Opt	Electronic	0.55	EUR	FRPL	0.05	EUR	FRPL	0.6	0.15	EUR	FRPL
ENX-FR	Euronext Paris	Index	BRE	Lyxor Stoxx 600 Basic Resources	Opt	Electronic	0.55	EUR	FRPL	0.05	EUR	FRPL	0.6	0.15	EUR	FRPL
ENX-FR	Euronext Paris	Agri	EBM	Milling Wheat	Fut	Electronic	0.25	EUR	FRPL	0.75	EUR	FRPL	1	0.15	EUR	FRPL
ENX-FR	Euronext Paris	Agri	ECO	European Rapeseed	Fut	Electronic	0.25	EUR	FRPL	0.75	EUR	FRPL	1	0.15	EUR	FRPL
ENX-FR	Euronext Paris	Agri	EMA	Corn	Fut	Electronic	0.25	EUR	FRPL	0.75	EUR	FRPL	1	0.15	EUR	FRPL
ENX-FR	Euronext Paris	Agri	EOB	Malting Barley	Fut	Electronic	0.25	EUR	FRPL	0.75	EUR	FRPL	1	0.15	EUR	FRPL
ENX-FR	Euronext Paris	Index	EPE	FTSE EPRA/NAREIT Euro Zone	Fut	Electronic	0.5	EUR	FRPL	0.05	EUR	FRPL	0.55	0.15	EUR	FRPL
ENX-FR	Euronext Paris	Index	EPR	FTSE EPRA/NAREIT Europe	Fut	Electronic	0.5	EUR	FRPL	0.05	EUR	FRPL	0.55	0.15	EUR	FRPL
ENX-FR	Euronext Paris	Index	FCE	CAC 40	Fut	Electronic	0.14	EUR	FRPL	0.13	EUR	FRPL	0.27	0.15	EUR	FRPL

Exch Code	Exch Desc	Comm Group	Prod Code	Product Desc	F/O	Platform	Trd Fee	Trd Fee Cur	Trd Fee Meth	Clr Fee	Clr Fee Cur	Clr Fee Meth	Fee Total	Brk Fee	Brk Fee Cur	Brk Fee Meth
ENX-FR	Euronext Paris	Index	FEF	FTSEurofirst 80	Fut	Electronic	0.2	EUR	FRPL	0.05	EUR	FRPL	0.25	0.15	EUR	FRPL
ENX-FR	Euronext Paris	Index	FEO	FTSEurofirst 100	Fut	Electronic	0.2	EUR	FRPL	0.05	EUR	FRPL	0.25	0.15	EUR	FRPL
ENX-FR	Euronext Paris	Index	LOG	Lyxor Stoxx 600 Oil & Gas	Opt	Electronic	0.55	EUR	FRPL	0.05	EUR	FRPL	0.6	0.15	EUR	FRPL
ENX-FR	Euronext Paris	Agri	OBM	Milling Wheat	Opt	Electronic	0.25	EUR	FRPL	0.75	EUR	FRPL	1	0.15	EUR	FRPL
ENX-FR	Euronext Paris	Agri	OCO	European Rapeseed	Opt	Electronic	0.25	EUR	FRPL	0.75	EUR	FRPL	1	0.15	EUR	FRPL
ENX-FR	Euronext Paris	Agri	OMA	Corn	Opt	Electronic	0.25	EUR	FRPL	0.75	EUR	FRPL	1	0.15	EUR	FRPL
ENX-FR	Euronext Paris	Agri	OOB	Malting Barley	Opt	Electronic	0.25	EUR	FRPL	0.75	EUR	FRPL	1	0.15	EUR	FRPL
ENX-FR	Euronext Paris	Index	PXA	CAC 40 Index (New)	Opt	Electronic	0.1	EUR	FRPL	0.13	EUR	FRPL	0.23	0.15	EUR	FRPL
ENX-FR	Euronext Paris	Agri	SMP	Skimmed Milk Powder	Fut	Electronic	0.25	EUR	FRPL	0.75	EUR	FRPL	1	0.15	EUR	FRPL
ENX-FR	Euronext Paris	Index	TEL	Lyxor Stoxx 600 Telecommunications	Opt	Electronic	0.55	EUR	FRPL	0.05	EUR	FRPL	0.6	0.15	EUR	FRPL
ENX-FR	Euronext Paris	Index	XFC	CAC 40 Dividend Index	Fut	Electronic	0.14	EUR	FRPL	0.13	EUR	FRPL	0.27	0.15	EUR	FRPL
ENX-NL	Euronext Amsterdam	Equity		Group: ENX-NL3196 (ASML Holding NV)	Opt	Electronic	0.4	EUR	FRPL	0.05	EUR	FRPL	0.45			
ENX-NL	Euronext Amsterdam	Equity		Group: ENX-NL3197 (AMG)	Opt	Electronic	0.4	EUR	FRPL	0.05	EUR	FRPL	0.45			
ENX-NL	Euronext Amsterdam	Equity		Group: ENX-NL3198 (Aegon N.V. Week 1)	Opt	Electronic	0.4	EUR	FRPL	0.05	EUR	FRPL	0.45			
ENX-NL	Euronext Amsterdam	Index	A1	AEX Daily 1	Opt	Electronic	0.4	EUR	FRPL	0.05	EUR	FRPL	0.45			
ENX-NL	Euronext Amsterdam	Index	A10	AEX Daily 10	Opt	Electronic	0.4	EUR	FRPL	0.05	EUR	FRPL	0.45			
ENX-NL	Euronext Amsterdam	Index	A11	AEX Daily 11	Opt	Electronic	0.4	EUR	FRPL	0.05	EUR	FRPL	0.45			
ENX-NL	Euronext Amsterdam	Index	A12	AEX Daily 12	Opt	Electronic	0.4	EUR	FRPL	0.05	EUR	FRPL	0.45			
ENX-NL	Euronext Amsterdam	Index	A13	AEX Daily 13	Opt	Electronic	0.4	EUR	FRPL	0.05	EUR	FRPL	0.45			
ENX-NL	Euronext Amsterdam	Index	A14	AEX Daily 14	Opt	Electronic	0.4	EUR	FRPL	0.05	EUR	FRPL	0.45			
ENX-NL	Euronext Amsterdam	Index	A15	AEX Daily 15	Opt	Electronic	0.4	EUR	FRPL	0.05	EUR	FRPL	0.45			
ENX-NL	Euronext Amsterdam	Index	A16	AEX Daily 16	Opt	Electronic	0.4	EUR	FRPL	0.05	EUR	FRPL	0.45			
ENX-NL	Euronext Amsterdam	Index	A17	AEX Daily 17	Opt	Electronic	0.4	EUR	FRPL	0.05	EUR	FRPL	0.45			
ENX-NL	Euronext Amsterdam	Index	A18	AEX Daily 18	Opt	Electronic	0.4	EUR	FRPL	0.05	EUR	FRPL	0.45			
ENX-NL	Euronext Amsterdam	Index	A19	AEX Daily 19	Opt	Electronic	0.4	EUR	FRPL	0.05	EUR	FRPL	0.45			
ENX-NL	Euronext Amsterdam	Index	A2	AEX Daily 2	Opt	Electronic	0.4	EUR	FRPL	0.05	EUR	FRPL	0.45			
ENX-NL	Euronext Amsterdam	Index	A20	AEX Daily 20	Opt	Electronic	0.4	EUR	FRPL	0.05	EUR	FRPL	0.45			
ENX-NL	Euronext Amsterdam	Index	A21	AEX Daily 21	Opt	Electronic	0.4	EUR	FRPL	0.05	EUR	FRPL	0.45			
ENX-NL	Euronext Amsterdam	Index	A22	AEX Daily 22	Opt	Electronic	0.4	EUR	FRPL	0.05	EUR	FRPL	0.45			
ENX-NL	Euronext Amsterdam	Index	A23	AEX Daily 23	Opt	Electronic	0.4	EUR	FRPL	0.05	EUR	FRPL	0.45			
ENX-NL	Euronext Amsterdam	Index	A24	AEX Daily 24	Opt	Electronic	0.4	EUR	FRPL	0.05	EUR	FRPL	0.45			
ENX-NL	Euronext Amsterdam	Index	A25	AEX Daily 25	Opt	Electronic	0.4	EUR	FRPL	0.05	EUR	FRPL	0.45			
ENX-NL	Euronext Amsterdam	Index	A26	AEX Daily 26	Opt	Electronic	0.4	EUR	FRPL	0.05	EUR	FRPL	0.45			
ENX-NL	Euronext Amsterdam	Index	A27	AEX Daily 27	Opt	Electronic	0.4	EUR	FRPL	0.05	EUR	FRPL	0.45			
ENX-NL	Euronext Amsterdam	Index	A28	AEX Daily 28	Opt	Electronic	0.4	EUR	FRPL	0.05	EUR	FRPL	0.45			
ENX-NL	Euronext Amsterdam	Index	A29	AEX Daily 29	Opt	Electronic	0.4	EUR	FRPL	0.05	EUR	FRPL	0.45			
ENX-NL	Euronext Amsterdam	Index	A3	AEX Daily 3	Opt	Electronic	0.4	EUR	FRPL	0.05	EUR	FRPL	0.45			
ENX-NL	Euronext Amsterdam	Index	A30	AEX Daily 30	Opt	Electronic	0.4	EUR	FRPL	0.05	EUR	FRPL	0.45			
ENX-NL	Euronext Amsterdam	Index	A31	AEX Daily 31	Opt	Electronic	0.4	EUR	FRPL	0.05	EUR	FRPL	0.45			
ENX-NL	Euronext Amsterdam	Index	A4	AEX Daily 4	Opt	Electronic	0.4	EUR	FRPL	0.05	EUR	FRPL	0.45			
ENX-NL	Euronext Amsterdam	Index	A5	AEX Daily 5	Opt	Electronic	0.4	EUR	FRPL	0.05	EUR	FRPL	0.45			
ENX-NL	Euronext Amsterdam	Index	A6	AEX Daily 6	Opt	Electronic	0.4	EUR	FRPL	0.05	EUR	FRPL	0.45			
ENX-NL	Euronext Amsterdam	Index	A7	AEX Daily 7	Opt	Electronic	0.4	EUR	FRPL	0.05	EUR	FRPL	0.45			
ENX-NL	Euronext Amsterdam	Index	A8	AEX Daily 8	Opt	Electronic	0.4	EUR	FRPL	0.05	EUR	FRPL	0.45			
ENX-NL	Euronext Amsterdam	Index	A9	AEX Daily 9	Opt	Electronic	0.4	EUR	FRPL	0.05	EUR	FRPL	0.45			
ENX-NL	Euronext Amsterdam	Index	AEX	AEX Index	Opt	Electronic	0.4	EUR	FRPL	0.05	EUR	FRPL	0.45			
ENX-NL	Euronext Amsterdam	Index	AMX	AMX Index	Opt	Electronic	0.4	EUR	FRPL	0.05	EUR	FRPL	0.45			
ENX-NL	Euronext Amsterdam	Index	AX1	AEX Index Week 1	Opt	Electronic	0.4	EUR	FRPL	0.05	EUR	FRPL	0.45			
ENX-NL	Euronext Amsterdam	Index	AX2	AEX Index Week 2	Opt	Electronic	0.4	EUR	FRPL	0.05	EUR	FRPL	0.45			
ENX-NL	Euronext Amsterdam	Index	AX4	AEX Index Week 4	Opt	Electronic	0.4	EUR	FRPL	0.05	EUR	FRPL	0.45			
ENX-NL	Euronext Amsterdam	Index	AX5	AEX Index Week 5	Opt	Electronic	0.4	EUR	FRPL	0.05	EUR	FRPL	0.45			
ENX-NL	Euronext Amsterdam	Index	AXF	AEX Dividend Index	Fut	Electronic	0.77	EUR	FRPL	0.13	EUR	FRPL	0.9			
ENX-NL	Euronext Amsterdam	Currency	DEX	US Dollar/Euro	Opt	Electronic	0.38	EUR	FRPL	0.05	EUR	FRPL	0.43			
ENX-NL	Euronext Amsterdam	Currency	EDX	Euro/US Dollar	Opt	Electronic	0.38	EUR	FRPL	0.05	EUR	FRPL	0.43			
ENX-NL	Euronext Amsterdam	Currency	FDE	US Dollar/Euro	Fut	Electronic	1.05	EUR	FRPL	0.05	EUR	FRPL	1.1			
ENX-NL	Euronext Amsterdam	Currency	FED	Euro/US Dollar	Fut	Electronic	1.05	EUR	FRPL	0.05	EUR	FRPL	1.1			
ENX-NL	Euronext Amsterdam	Index	FMX	AMX Index	Fut	Electronic	0.4	EUR	FRPL	0.05	EUR	FRPL	0.45			
ENX-NL	Euronext Amsterdam	Index	FTI	AEX Index	Fut	Electronic	0.77	EUR	FRPL	0.13	EUR	FRPL	0.9			
EUREX	Eurex	Equity		Group: EUREX182 (ABB Ltd)	Opt	Electronic	0.15	CHF	FRPL				0.15	0.2	CHF	FRPL

Exch Code	Exch Desc	Comm Group	Prod Code	Product Desc	F/O	Platform	Trd Fee	Trd Fee Cur	Trd Fee Meth	Clr Fee	Clr Fee Cur	Clr Fee Meth	Fee Total	Brk Fee	Brk Fee Cur	Brk Fee Meth
EUREX	Eurex	Equity		Group: EUREX194 (AEGON N.V)	Opt	Electronic	0.1	EUR	FRPL				0.1	0.15	EUR	FRPL
EUREX	Eurex	Equity		Group: EUREX4010 (Alpiq Holding AG LEPO)	Opt	Electronic	0.15	CHF	FRPL				0.15	0.2	CHF	FRPL
EUREX	Eurex	Equity		Group: EUREX4011 (Alpiq Holding AG)	Opt	Electronic	0.15	CHF	FRPL				0.15	0.2	CHF	FRPL
EUREX	Eurex	Equity		Group: EUREX4210 (A2A S.p.A)	Opt	Electronic	0.1	EUR	FRPL				0.1	0.15	EUR	FRPL
EUREX	Eurex	Equity		Group: EUREX4211 (A2A S.p.A LEPO)	Opt	Electronic	0.1	EUR	FRPL				0.1	0.15	EUR	FRPL
EUREX	Eurex	Equity		Group: EUREX4300 (Norilsk Nickel LEPO)	Opt	Electronic	0.15	USD	FRPL				0.15	0.2	USD	FRPL
EUREX	Eurex	Equity		Group: EUREX4309 (Anglo American PLC)	Opt	Electronic	0.15	GBP	FRPL				0.15	0.15	GBP	FRPL
EUREX	Eurex	Equity		Group: EUREX4372 (Anglo American PLC LEPO)	Opt	Electronic	0.15	GBP	FRPL				0.15	0.15	GBP	FRPL
EUREX	Eurex	Equity		Group: EUREX4884 (C&C Group PLC)	Opt	Electronic	0.1	EUR	FRPL				0.1	0.15	EUR	FRPL
EUREX	Eurex	Equity		Group: EUREX4885 (C&C Group PLC LEPO)	Opt	Electronic	0.1	EUR	FRPL				0.1	0.15	EUR	FRPL
EUREX	Eurex	Equity		Group: EUREX4886 (Norilsk Nickel AFLEX LEPO)	Opt	Electronic	0.15	USD	FRPL				0.15	0.2	USD	FRPL
EUREX	Eurex	Equity		Group: EUREX4887 (Anglo American PLC AFLEX LEPO)	Opt	Electronic	0.15	GBP	FRPL				0.15	0.15	GBP	FRPL
EUREX	Eurex	Equity		Group: EUREX4888 (ABB Ltd AFLEX LEPO)	Opt	Electronic	0.15	CHF	FRPL				0.15	0.2	CHF	FRPL
EUREX	Eurex	Equity		Group: EUREX4889 (AEGON N.V AFLEX LEPO)	Opt	Electronic	0.1	EUR	FRPL				0.1	0.15	EUR	FRPL
EUREX	Eurex	Equity		Group: EUREX4890 (Anglo American PLC AFLEX)	Opt	Electronic	0.15	GBP	FRPL				0.15	0.15	GBP	FRPL
EUREX	Eurex	Equity		Group: EUREX4891 (Norilsk Nickel AFLEX)	Opt	Electronic	0.15	USD	FRPL				0.15	0.2	USD	FRPL
EUREX	Eurex	Equity		Group: EUREX6489 (C&C Group PLC AFLEX)	Opt	Electronic	0.1	EUR	FRPL				0.1	0.15	EUR	FRPL
EUREX	Eurex	Equity		Group: EUREX6490 (C&C Group PLC AFLEX LEPO)	Opt	Electronic	0.1	EUR	FRPL				0.1	0.15	EUR	FRPL
EUREX	Eurex	Equity		Group: EUREX6491 (A2A S.p.A AFLEX)	Opt	Electronic	0.1	EUR	FRPL				0.1	0.15	EUR	FRPL
EUREX	Eurex	Equity		Group: EUREX6492 (A2A S.p.A AFLEX LEPO)	Opt	Electronic	0.1	EUR	FRPL				0.1	0.15	EUR	FRPL
EUREX	Eurex	Equity		Group: EUREX6493 (Alpiq Holding AG AFLEX)	Opt	Electronic	0.15	CHF	FRPL				0.15	0.2	CHF	FRPL
EUREX	Eurex	Equity		Group: EUREX6494 (Alpiq Holding AG AFLEX LEPO)	Opt	Electronic	0.15	CHF	FRPL				0.15	0.2	CHF	FRPL
EUREX	Eurex	Equity		Group: EUREX706 (ABB Ltd AFLEX)	Opt	Electronic	0.15	CHF	FRPL				0.15	0.2	CHF	FRPL
EUREX	Eurex	Equity		Group: EUREX707 (AEGON N.V AFLEX)	Opt	Electronic	0.1	EUR	FRPL				0.1	0.15	EUR	FRPL
EUREX	Eurex	Equity		Group: EUREX709 (ABB Ltd LEPO)	Opt	Electronic	0.15	CHF	FRPL				0.15	0.2	CHF	FRPL
EUREX	Eurex	Equity		Group: EUREX711 (AEGON N.V LEPO)	Opt	Electronic	0.1	EUR	FRPL				0.1	0.15	EUR	FRPL
EUREX	Eurex	Equity		Group: EUREX730 (Norilsk Nickel)	Opt	Electronic	0.15	USD	FRPL				0.15	0.2	USD	FRPL
EUREX	Eurex	Equity		Group: EUREX9535 (RusGidro OAO)	Opt	Electronic	0.15	USD	FRPL				0.15	0.2	USD	FRPL
EUREX	Eurex	Equity		Group: EUREX9536 (RusGidro OAO LEPO)	Opt	Electronic	0.15	USD	FRPL				0.15	0.2	USD	FRPL
EUREX	Eurex	Equity		Group: EUREX9537 (RusGidro OAO AFLEX)	Opt	Electronic	0.15	USD	FRPL				0.15	0.2	USD	FRPL
EUREX	Eurex	Equity		Group: EUREX9538 (RusGidro OAO AFLEX LEPO)	Opt	Electronic	0.15	USD	FRPL				0.15	0.2	USD	FRPL
EUREX	Eurex	Equity		Group: EUREX9958 (AXA S.A)	Opt	Electronic	0.1	EUR	FRPL				0.1	0.15	EUR	FRPL
EUREX	Eurex	Equity		Group: EUREX9959 (AXA S.A LEPO)	Opt	Electronic	0.1	EUR	FRPL				0.1	0.15	EUR	FRPL
EUREX	Eurex	Equity		Group: EUREX9960 (ABB Ltd)	Opt	Electronic	0.15	CHF	FRPL				0.15	0.2	CHF	FRPL
EUREX	Eurex	Equity		Group: EUREX9961 (ABB Ltd LEPO)	Opt	Electronic	0.15	CHF	FRPL				0.15	0.2	CHF	FRPL
EUREX	Eurex	Equity	4BSF	STRATEC Biomedical AG FLEX	Fut	Electronic	0.2	EUR	FRPL				0.2	0.15	EUR	FRPL
EUREX	Eurex	Equity	4DVF	ADVA Optical Networking SE FLEX	Fut	Electronic	0.2	EUR	FRPL				0.2	0.15	EUR	FRPL
EUREX	Eurex	Equity	4OLF	AB Volvo B FLEX	Fut	Electronic	0.2	EUR	FRPL				0.2	0.15	EUR	FRPL
EUREX	Eurex	Equity	4RLF	Drillisch AG FLEX	Fut	Electronic	0.2	EUR	FRPL				0.2	0.15	EUR	FRPL
EUREX	Eurex	Equity	5A4F	Asian Bamboo AG FLEX	Fut	Electronic	0.2	EUR	FRPL				0.2	0.15	EUR	FRPL
EUREX	Eurex	Equity	5A5F	Asian Bamboo AG FLEX	Fut	Electronic	0.2	EUR	FRPL				0.2	0.15	EUR	FRPL
EUREX	Eurex	Equity	5ABF	Asian Bamboo AG	Fut	Electronic	0.13	EUR	FRPL				0.13	0.15	EUR	FRPL
EUREX	Eurex	Equity	5BSF	STRATEC Biomedical AG FLEX	Fut	Electronic	0.2	EUR	FRPL				0.2	0.15	EUR	FRPL
EUREX	Eurex	Equity	5DVF	ADVA Optical Networking SE FLEX	Fut	Electronic	0.2	EUR	FRPL				0.2	0.15	EUR	FRPL
EUREX	Eurex	Equity	5RLF	Drillisch AG FLEX	Fut	Electronic	0.2	EUR	FRPL				0.2	0.15	EUR	FRPL
EUREX	Eurex	Equity	6C4F	Croda International PLC FLEX	Fut	Electronic	0.15	GBP	FRPL				0.15	0.15	GBP	FRPL
EUREX	Eurex	Equity	6C5F	Croda International PLC FLEX	Fut	Electronic	0.15	GBP	FRPL				0.15	0.15	GBP	FRPL
EUREX	Eurex	Equity	6CMF	Croda International PLC	Fut	Electronic	0.1	GBP	FRPL				0.1	0.15	GBP	FRPL
EUREX	Eurex	Equity	7A4F	Aperam S.A FLEX	Fut	Electronic	0.2	EUR	FRPL				0.2	0.15	EUR	FRPL
EUREX	Eurex	Equity	7A5F	Aperam S.A FLEX	Fut	Electronic	0.2	EUR	FRPL				0.2	0.15	EUR	FRPL
EUREX	Eurex	Equity	7AAF	Aperam S.A	Fut	Electronic	0.13	EUR	FRPL				0.13	0.15	EUR	FRPL
EUREX	Eurex	Equity	A2AL	Anglo American PLC Dividend	Fut	Electronic	1.2	USD	FRPL				1.2	0.2	USD	FRPL
EUREX	Eurex	Equity	A2BB	ABB Ltd Dividend	Fut	Electronic	1.6	CHF	FRPL				1.6	0.2	CHF	FRPL
EUREX	Eurex	Equity	A2EN	AEGON N.V Dividend	Fut	Electronic	1.2	EUR	FRPL				1.2	0.15	EUR	FRPL
EUREX	Eurex	Equity	A2LV	Allianz SE Dividend	Fut	Electronic	1.2	EUR	FRPL				1.2	0.15	EUR	FRPL
EUREX	Eurex	Equity	A2OM	Alstom S.A Dividend	Fut	Electronic	1.2	EUR	FRPL				1.2	0.15	EUR	FRPL
EUREX	Eurex	Equity	A2SG	Assicurazioni Generali S.p.A Dividend	Fut	Electronic	0.4	EUR	FRPL				0.4	0.15	EUR	FRPL
EUREX	Eurex	Equity	A2SM	ASML Holding N.V Dividend	Fut	Electronic	1.2	EUR	FRPL				1.2	0.15	EUR	FRPL
EUREX	Eurex	Equity	A2XA	AXA S.A Dividend	Fut	Electronic	1.2	EUR	FRPL				1.2	0.15	EUR	FRPL

Exch Code	Exch Desc	Comm Group	Prod Code	Product Desc	F/O	Platform	Trd Fee	Trd Fee Cur	Trd Fee Meth	Clr Fee	Clr Fee Cur	Clr Fee Meth	Fee Total	Brk Fee	Brk Fee Cur	Brk Fee Meth
EUREX	Eurex	Equity	A2ZN	AstraZeneca PLC Dividend	Fut	Electronic	1.2	USD	FRPL				1.2	0.2	USD	FRPL
EUREX	Eurex	Equity	A3IR	Air Liquide S.A Dividend	Fut	Electronic	1.2	EUR	FRPL				1.2	0.15	EUR	FRPL
EUREX	Eurex	Equity	A41F	Air Berlin PLC FLEX	Fut	Electronic	0.2	EUR	FRPL				0.2	0.15	EUR	FRPL
EUREX	Eurex	Equity	A44F	Bebidas das Americas FLEX	Fut	Electronic	0.3	USD	FRPL				0.3	0.2	USD	FRPL
EUREX	Eurex	Equity	A45F	Bebidas das Americas FLEX	Fut	Electronic	0.3	USD	FRPL				0.3	0.2	USD	FRPL
EUREX	Eurex	Equity	A48G	AMAG Austria Metall AG FLEX	Fut	Electronic	0.2	EUR	FRPL				0.2	0.15	EUR	FRPL
EUREX	Eurex	Equity	A4DF	Andritz AG FLEX	Fut	Electronic	0.2	EUR	FRPL				0.2	0.15	EUR	FRPL
EUREX	Eurex	Equity	A4EF	Areva S.A FLEX	Fut	Electronic	0.2	EUR	FRPL				0.2	0.15	EUR	FRPL
EUREX	Eurex	Equity	A4GG	Assicurazioni Generali S.p.A FLEX	Fut	Electronic	0.2	EUR	FRPL				0.2	0.15	EUR	FRPL
EUREX	Eurex	Equity	A4IF	Aalberts Industries N.V FLEX	Fut	Electronic	0.2	EUR	FRPL				0.2	0.15	EUR	FRPL
EUREX	Eurex	Equity	A4MF	Agnico-Eagle Mindes Ltd FLEX	Fut	Electronic	0.3	USD	FRPL				0.3	0.2	USD	FRPL
EUREX	Eurex	Equity	A4PF	Atlantic Power Corporation FLEX	Fut	Electronic	0.3	USD	FRPL				0.3	0.2	USD	FRPL
EUREX	Eurex	Equity	A4UF	Agrium Inc FLEX	Fut	Electronic	0.3	USD	FRPL				0.3	0.2	USD	FRPL
EUREX	Eurex	Equity	A4VF	Bebidas das Americas	Fut	Electronic	0.2	USD	FRPL				0.2	0.2	USD	FRPL
EUREX	Eurex	Equity	A4XG	Barrick Gold Corporation FLEX	Fut	Electronic	0.3	USD	FRPL				0.3	0.2	USD	FRPL
EUREX	Eurex	Equity	A58G	AMAG Austria Metall AG FLEX	Fut	Electronic	0.2	EUR	FRPL				0.2	0.15	EUR	FRPL
EUREX	Eurex	Equity	A5DF	Andritz AG FLEX	Fut	Electronic	0.2	EUR	FRPL				0.2	0.15	EUR	FRPL
EUREX	Eurex	Equity	A5EF	Areva S.A FLEX	Fut	Electronic	0.2	EUR	FRPL				0.2	0.15	EUR	FRPL
EUREX	Eurex	Equity	A5GG	Assicurazioni Generali S.p.A FLEX	Fut	Electronic	0.2	EUR	FRPL				0.2	0.15	EUR	FRPL
EUREX	Eurex	Equity	A5IF	Aalberts Industries N.V FLEX	Fut	Electronic	0.2	EUR	FRPL				0.2	0.15	EUR	FRPL
EUREX	Eurex	Equity	A5MF	Agnico-Eagle Mindes Ltd FLEX	Fut	Electronic	0.3	USD	FRPL				0.3	0.2	USD	FRPL
EUREX	Eurex	Equity	A5PF	Atlantic Power Corporation FLEX	Fut	Electronic	0.3	USD	FRPL				0.3	0.2	USD	FRPL
EUREX	Eurex	Equity	A5UF	Agrium Inc FLEX	Fut	Electronic	0.3	USD	FRPL				0.3	0.2	USD	FRPL
EUREX	Eurex	Equity	A5XG	Barrick Gold Corporation FLEX	Fut	Electronic	0.3	USD	FRPL				0.3	0.2	USD	FRPL
EUREX	Eurex	Equity	AA4F	Amadeus FiRe AG FLEX	Fut	Electronic	0.2	EUR	FRPL				0.2	0.15	EUR	FRPL
EUREX	Eurex	Equity	AA4G	Anglo American PLC FLEX	Fut	Electronic	0.15	GBP	FRPL				0.15	0.15	GBP	FRPL
EUREX	Eurex	Equity	AA5F	Amadeus FiRe AG FLEX	Fut	Electronic	0.2	EUR	FRPL				0.2	0.15	EUR	FRPL
EUREX	Eurex	Equity	AA5G	Anglo American PLC FLEX	Fut	Electronic	0.15	GBP	FRPL				0.15	0.15	GBP	FRPL
EUREX	Eurex	Equity	AADF	Amadeus FiRe AG	Fut	Electronic	0.13	EUR	FRPL				0.13	0.15	EUR	FRPL
EUREX	Eurex	Equity	AAIF	Aalberts Industries N.V	Fut	Electronic	0.13	EUR	FRPL				0.13	0.15	EUR	FRPL
EUREX	Eurex	Equity	AALG	Anglo American PLC	Fut	Electronic	0.1	GBP	FRPL				0.1	0.15	GBP	FRPL
EUREX	Eurex	Equity	AAP4	Apple Inc FLEX	Fut	Electronic	0.3	USD	FRPL				0.3	0.2	USD	FRPL
EUREX	Eurex	Equity	AAP5	Apple Inc FLEX	Fut	Electronic	0.3	USD	FRPL				0.3	0.2	USD	FRPL
EUREX	Eurex	Equity	AAPF	Apple Inc	Fut	Electronic	0.2	USD	FRPL				0.2	0.2	USD	FRPL
EUREX	Eurex	Equity	AB1F	Air Berlin PLC	Fut	Electronic	0.13	EUR	FRPL				0.13	0.15	EUR	FRPL
EUREX	Eurex	Equity	AB4F	ABB Ltd FLEX	Fut	Electronic	0.3	CHF	FRPL				0.3	0.2	CHF	FRPL
EUREX	Eurex	Equity	AB4K	Abertis Infraestructuras S.A FLEX	Fut	Electronic	0.2	EUR	FRPL				0.2	0.15	EUR	FRPL
EUREX	Eurex	Equity	AB5F	ABB Ltd FLEX	Fut	Electronic	0.3	CHF	FRPL				0.3	0.2	CHF	FRPL
EUREX	Eurex	Equity	ABBF	ABB Ltd	Fut	Electronic	0.2	CHF	FRPL				0.2	0.2	CHF	FRPL
EUREX	Eurex	Equity	ABEK	Abertis Infraestructuras S.A	Fut	Electronic	0.13	EUR	FRPL				0.13	0.15	EUR	FRPL
EUREX	Eurex	Equity	ABF4	Associated British Foods PLC FLEX	Fut	Electronic	0.15	GBP	FRPL				0.15	0.15	GBP	FRPL
EUREX	Eurex	Equity	ABF5	Associated British Foods PLC FLEX	Fut	Electronic	0.15	GBP	FRPL				0.15	0.15	GBP	FRPL
EUREX	Eurex	Equity	ABFF	Associated British Foods PLC	Fut	Electronic	0.1	GBP	FRPL				0.1	0.15	GBP	FRPL
EUREX	Eurex	Equity	ABT4	Abbott Laboratories FLEX	Fut	Electronic	0.3	USD	FRPL				0.3	0.2	USD	FRPL
EUREX	Eurex	Equity	ABT5	Abbott Laboratories FLEX	Fut	Electronic	0.3	USD	FRPL				0.3	0.2	USD	FRPL
EUREX	Eurex	Equity	ABTF	Abbott Laboratories	Fut	Electronic	0.2	USD	FRPL				0.2	0.2	USD	FRPL
EUREX	Eurex	Equity	ABXF	Barrick Gold Corporation	Fut	Electronic	0.2	USD	FRPL				0.2	0.2	USD	FRPL
EUREX	Eurex	Equity	AC4F	Acerinox S.A FLEX	Fut	Electronic	0.2	EUR	FRPL				0.2	0.15	EUR	FRPL
EUREX	Eurex	Equity	AC4I	Accor S.A FLEX	Fut	Electronic	0.2	EUR	FRPL				0.2	0.15	EUR	FRPL
EUREX	Eurex	Equity	AC5I	Accor S.A FLEX	Fut	Electronic	0.2	EUR	FRPL				0.2	0.15	EUR	FRPL
EUREX	Eurex	Equity	AC5P	Acerinox S.A FLEX	Fut	Electronic	0.2	EUR	FRPL				0.2	0.15	EUR	FRPL
EUREX	Eurex	Equity	ACB4	Alpha Bank AE FLEX	Fut	Electronic	0.2	EUR	FRPL				0.2	0.15	EUR	FRPL
EUREX	Eurex	Equity	ACBF	Alpha Bank AE	Fut	Electronic	0.13	EUR	FRPL				0.13	0.15	EUR	FRPL
EUREX	Eurex	Equity	ACEF	Acerinox S.A	Fut	Electronic	0.13	EUR	FRPL				0.13	0.15	EUR	FRPL
EUREX	Eurex	Equity	ACEP	Acerinox S.A	Fut	Electronic	0.13	EUR	FRPL				0.13	0.15	EUR	FRPL
EUREX	Eurex	Equity	ACI4	Astaldi S.p.A FLEX	Fut	Electronic	0.2	EUR	FRPL				0.2	0.15	EUR	FRPL
EUREX	Eurex	Equity	ACIF	Astaldi S.p.A	Fut	Electronic	0.13	EUR	FRPL				0.13	0.15	EUR	FRPL
EUREX	Eurex	Equity	ACK4	Ackermans & van Haaren N.V FLEX	Fut	Electronic	0.2	EUR	FRPL				0.2	0.15	EUR	FRPL
EUREX	Eurex	Equity	ACK5	Ackermans & van Haaren N.V FLEX	Fut	Electronic	0.2	EUR	FRPL				0.2	0.15	EUR	FRPL

Exch Code	Exch Desc	Comm Group	Prod Code	Product Desc	F/O	Platform	Trd Fee	Trd Fee Cur	Trd Fee Meth	Clr Fee	Clr Fee Cur	Clr Fee Meth	Fee Total	Brk Fee	Brk Fee Cur	Brk Fee Meth
EUREX	Eurex	Equity	ACKF	Ackermans & van Haaren N.V	Fut	Electronic	0.13	EUR	FRPL				0.13	0.15	EUR	FRPL
EUREX	Eurex	Equity	ACP4	Asseco Poland SA FLEX	Fut	Electronic	0.2	EUR	FRPL				0.2	0.15	EUR	FRPL
EUREX	Eurex	Equity	ACPF	Asseco Poland SA	Fut	Electronic	0.13	EUR	FRPL				0.13	0.15	EUR	FRPL
EUREX	Eurex	Equity	ACRI	Accor S.A	Fut	Electronic	0.13	EUR	FRPL				0.13	0.15	EUR	FRPL
EUREX	Eurex	Equity	AD4F	Adecco S.A FLEX	Fut	Electronic	0.3	CHF	FRPL				0.3	0.2	CHF	FRPL
EUREX	Eurex	Equity	AD4G	Adidas AG FLEX	Fut	Electronic	0.2	EUR	FRPL				0.2	0.15	EUR	FRPL
EUREX	Eurex	Equity	AD5F	Adecco S.A FLEX	Fut	Electronic	0.3	CHF	FRPL				0.3	0.2	CHF	FRPL
EUREX	Eurex	Equity	AD5G	Adidas AG FLEX	Fut	Electronic	0.2	EUR	FRPL				0.2	0.15	EUR	FRPL
EUREX	Eurex	Equity	ADB4	Adobe Systems Inc FLEX	Fut	Electronic	0.3	USD	FRPL				0.3	0.2	USD	FRPL
EUREX	Eurex	Equity	ADB5	Adobe Systems Inc FLEX	Fut	Electronic	0.3	USD	FRPL				0.3	0.2	USD	FRPL
EUREX	Eurex	Equity	ADBF	Adobe Systems Inc	Fut	Electronic	0.2	USD	FRPL				0.2	0.2	USD	FRPL
EUREX	Eurex	Equity	ADEF	Adecco S.A	Fut	Electronic	0.2	CHF	FRPL				0.2	0.2	CHF	FRPL
EUREX	Eurex	Equity	ADM4	Archer-Daniels-Midland Co FLEX	Fut	Electronic	0.3	USD	FRPL				0.3	0.2	USD	FRPL
EUREX	Eurex	Equity	ADM5	Archer-Daniels-Midland Co FLEX	Fut	Electronic	0.3	USD	FRPL				0.3	0.2	USD	FRPL
EUREX	Eurex	Equity	ADMF	Archer-Daniels-Midland Co	Fut	Electronic	0.2	USD	FRPL				0.2	0.2	USD	FRPL
EUREX	Eurex	Equity	ADP4	Automatic Data Processing Inc FLEX	Fut	Electronic	0.3	USD	FRPL				0.3	0.2	USD	FRPL
EUREX	Eurex	Equity	ADP5	Automatic Data Processing Inc FLEX	Fut	Electronic	0.3	USD	FRPL				0.3	0.2	USD	FRPL
EUREX	Eurex	Equity	ADPF	Automatic Data Processing Inc	Fut	Electronic	0.2	USD	FRPL				0.2	0.2	USD	FRPL
EUREX	Eurex	Equity	ADSG	Adidas AG	Fut	Electronic	0.13	EUR	FRPL				0.13	0.15	EUR	FRPL
EUREX	Eurex	Equity	ADVF	ADVA Optical Networking SE	Fut	Electronic	0.13	EUR	FRPL				0.13	0.15	EUR	FRPL
EUREX	Eurex	Equity	AE4F	AEGON N.V FLEX	Fut	Electronic	0.2	EUR	FRPL				0.2	0.15	EUR	FRPL
EUREX	Eurex	Equity	AE5F	AEGON N.V FLEX	Fut	Electronic	0.2	EUR	FRPL				0.2	0.15	EUR	FRPL
EUREX	Eurex	Equity	AEMF	Agnico-Eagle Mindes Ltd	Fut	Electronic	0.2	USD	FRPL				0.2	0.2	USD	FRPL
EUREX	Eurex	Equity	AENF	AEGON N.V	Fut	Electronic	0.13	EUR	FRPL				0.13	0.15	EUR	FRPL
EUREX	Eurex	Equity	AF4F	Air France-KLM FLEX	Fut	Electronic	0.2	EUR	FRPL				0.2	0.15	EUR	FRPL
EUREX	Eurex	Equity	AF5F	Air France-KLM FLEX	Fut	Electronic	0.2	EUR	FRPL				0.2	0.15	EUR	FRPL
EUREX	Eurex	Equity	AFRF	Air France-KLM	Fut	Electronic	0.13	EUR	FRPL				0.13	0.15	EUR	FRPL
EUREX	Eurex	Equity	AG4F	Agrana Beteiligungs AG FLEX	Fut	Electronic	0.2	EUR	FRPL				0.2	0.15	EUR	FRPL
EUREX	Eurex	Equity	AG5F	Agrana Beteiligungs AG FLEX	Fut	Electronic	0.2	EUR	FRPL				0.2	0.15	EUR	FRPL
EUREX	Eurex	Equity	AGBF	Agrana Beteiligungs AG	Fut	Electronic	0.13	EUR	FRPL				0.13	0.15	EUR	FRPL
EUREX	Eurex	Equity	AGUF	Agrium Inc	Fut	Electronic	0.2	USD	FRPL				0.2	0.2	USD	FRPL
EUREX	Eurex	Equity	AH4F	Hess Corp FLEX	Fut	Electronic	0.3	USD	FRPL				0.3	0.2	USD	FRPL
EUREX	Eurex	Equity	AH4G	Koninklijke Ahold N.V FLEX	Fut	Electronic	0.2	EUR	FRPL				0.2	0.15	EUR	FRPL
EUREX	Eurex	Equity	AH5F	Hess Corp FLEX	Fut	Electronic	0.3	USD	FRPL				0.3	0.2	USD	FRPL
EUREX	Eurex	Equity	AH5G	Koninklijke Ahold N.V FLEX	Fut	Electronic	0.2	EUR	FRPL				0.2	0.15	EUR	FRPL
EUREX	Eurex	Equity	AHCF	Hess Corp	Fut	Electronic	0.2	USD	FRPL				0.2	0.2	USD	FRPL
EUREX	Eurex	Equity	AHOG	Koninklijke Ahold N.V	Fut	Electronic	0.13	EUR	FRPL				0.13	0.15	EUR	FRPL
EUREX	Eurex	Equity	AI34	Amadeus IT Holding SA FLEX	Fut	Electronic	0.2	EUR	FRPL				0.2	0.15	EUR	FRPL
EUREX	Eurex	Equity	AI3F	Amadeus IT Holding SA	Fut	Electronic	0.13	EUR	FRPL				0.13	0.15	EUR	FRPL
EUREX	Eurex	Equity	AI4J	Air Liquide S.A FLEX	Fut	Electronic	0.2	EUR	FRPL				0.2	0.15	EUR	FRPL
EUREX	Eurex	Equity	AI5J	Air Liquide S.A FLEX	Fut	Electronic	0.2	EUR	FRPL				0.2	0.15	EUR	FRPL
EUREX	Eurex	Equity	AIG4	American International Group Inc FLEX	Fut	Electronic	0.3	USD	FRPL				0.3	0.2	USD	FRPL
EUREX	Eurex	Equity	AIG5	American International Group Inc FLEX	Fut	Electronic	0.3	USD	FRPL				0.3	0.2	USD	FRPL
EUREX	Eurex	Equity	AIGF	American International Group Inc	Fut	Electronic	0.2	USD	FRPL				0.2	0.2	USD	FRPL
EUREX	Eurex	Equity	AIRJ	Air Liquide S.A	Fut	Electronic	0.13	EUR	FRPL				0.13	0.15	EUR	FRPL
EUREX	Eurex	Equity	AIX4	AIXTRON AG FLEX	Fut	Electronic	0.2	EUR	FRPL				0.2	0.15	EUR	FRPL
EUREX	Eurex	Equity	AIX5	AIXTRON AG FLEX	Fut	Electronic	0.2	EUR	FRPL				0.2	0.15	EUR	FRPL
EUREX	Eurex	Equity	AIXF	AIXTRON AG	Fut	Electronic	0.13	EUR	FRPL				0.13	0.15	EUR	FRPL
EUREX	Eurex	Equity	AK4F	Akzo Nobel N.V FLEX	Fut	Electronic	0.2	EUR	FRPL				0.2	0.15	EUR	FRPL
EUREX	Eurex	Equity	AK5F	Akzo Nobel N.V FLEX	Fut	Electronic	0.2	EUR	FRPL				0.2	0.15	EUR	FRPL
EUREX	Eurex	Equity	AKUF	Akzo Nobel N.V	Fut	Electronic	0.13	EUR	FRPL				0.13	0.15	EUR	FRPL
EUREX	Eurex	Equity	AL4G	Allianz SE FLEX	Fut	Electronic	0.2	EUR	FRPL				0.2	0.15	EUR	FRPL
EUREX	Eurex	Equity	AL5G	Allianz SE FLEX	Fut	Electronic	0.2	EUR	FRPL				0.2	0.15	EUR	FRPL
EUREX	Eurex	Equity	ALB4	Allied Irish Banks PLC FLEX	Fut	Electronic	0.2	EUR	FRPL				0.2	0.15	EUR	FRPL
EUREX	Eurex	Equity	ALBF	Allied Irish Banks PLC	Fut	Electronic	0.13	EUR	FRPL				0.13	0.15	EUR	FRPL
EUREX	Eurex	Equity	ALVG	Allianz SE	Fut	Electronic	0.13	EUR	FRPL				0.13	0.15	EUR	FRPL
EUREX	Eurex	Equity	AM4F	Amlin PLC FLEX	Fut	Electronic	0.15	GBP	FRPL				0.15	0.15	GBP	FRPL
EUREX	Eurex	Equity	AM5F	Amlin PLC FLEX	Fut	Electronic	0.15	GBP	FRPL				0.15	0.15	GBP	FRPL
EUREX	Eurex	Equity	AM8G	AMAG Austria Metall AG	Fut	Electronic	0.13	EUR	FRPL				0.13	0.15	EUR	FRPL

Exch Code	Exch Desc	Comm Group	Prod Code	Product Desc	F/O	Platform	Trd Fee	Trd Fee Cur	Trd Fee Meth	Clr Fee	Clr Fee Cur	Clr Fee Meth	Fee Total	Brk Fee	Brk Fee Cur	Brk Fee Meth
EUREX	Eurex	Equity	AMA4	Applied Materials Inc FLEX	Fut	Electronic	0.3	USD	FRPL				0.3	0.2	USD	FRPL
EUREX	Eurex	Equity	AMA5	Applied Materials Inc FLEX	Fut	Electronic	0.3	USD	FRPL				0.3	0.2	USD	FRPL
EUREX	Eurex	Equity	AMAF	Applied Materials Inc	Fut	Electronic	0.2	USD	FRPL				0.2	0.2	USD	FRPL
EUREX	Eurex	Equity	AMB4	Generali Deutschland Holding FLEX	Fut	Electronic	0.2	EUR	FRPL				0.2	0.15	EUR	FRPL
EUREX	Eurex	Equity	AMB5	Generali Deutschland Holding FLEX	Fut	Electronic	0.2	EUR	FRPL				0.2	0.15	EUR	FRPL
EUREX	Eurex	Equity	AMBF	Generali Deutschland Holding	Fut	Electronic	0.13	EUR	FRPL				0.13	0.15	EUR	FRPL
EUREX	Eurex	Equity	AME4	AMEC PLC FLEX	Fut	Electronic	0.15	GBP	FRPL				0.15	0.15	GBP	FRPL
EUREX	Eurex	Equity	AME5	AMEC PLC FLEX	Fut	Electronic	0.15	GBP	FRPL				0.15	0.15	GBP	FRPL
EUREX	Eurex	Equity	AMEF	AMEC PLC	Fut	Electronic	0.1	GBP	FRPL				0.1	0.15	GBP	FRPL
EUREX	Eurex	Equity	AMG4	Amgen Inc FLEX	Fut	Electronic	0.3	USD	FRPL				0.3	0.2	USD	FRPL
EUREX	Eurex	Equity	AMG5	Amgen Inc FLEX	Fut	Electronic	0.3	USD	FRPL				0.3	0.2	USD	FRPL
EUREX	Eurex	Equity	AMGF	Amgen Inc	Fut	Electronic	0.2	USD	FRPL				0.2	0.2	USD	FRPL
EUREX	Eurex	Equity	AMLF	Amlin PLC	Fut	Electronic	0.1	GBP	FRPL				0.1	0.15	GBP	FRPL
EUREX	Eurex	Equity	AMZ4	Amazon.com Inc FLEX	Fut	Electronic	0.3	USD	FRPL				0.3	0.2	USD	FRPL
EUREX	Eurex	Equity	AMZ5	Amazon.com Inc FLEX	Fut	Electronic	0.3	USD	FRPL				0.3	0.2	USD	FRPL
EUREX	Eurex	Equity	AMZF	Amazon.com Inc	Fut	Electronic	0.2	USD	FRPL				0.2	0.2	USD	FRPL
EUREX	Eurex	Equity	AN4G	Acciona S.A FLEX	Fut	Electronic	0.2	EUR	FRPL				0.2	0.15	EUR	FRPL
EUREX	Eurex	Equity	AN4H	Antofagasta PLC FLEX	Fut	Electronic	0.15	GBP	FRPL				0.15	0.15	GBP	FRPL
EUREX	Eurex	Equity	AN5H	Antofagasta PLC FLEX	Fut	Electronic	0.15	GBP	FRPL				0.15	0.15	GBP	FRPL
EUREX	Eurex	Equity	ANAG	Acciona S.A	Fut	Electronic	0.13	EUR	FRPL				0.13	0.15	EUR	FRPL
EUREX	Eurex	Equity	ANDF	Andritz AG	Fut	Electronic	0.13	EUR	FRPL				0.13	0.15	EUR	FRPL
EUREX	Eurex	Equity	ANTH	Antofagasta PLC	Fut	Electronic	0.1	GBP	FRPL				0.1	0.15	GBP	FRPL
EUREX	Eurex	Equity	AO4G	Alstom S.A FLEX	Fut	Electronic	0.2	EUR	FRPL				0.2	0.15	EUR	FRPL
EUREX	Eurex	Equity	AO4H	Atlantia S.p.A FLEX	Fut	Electronic	0.2	EUR	FRPL				0.2	0.15	EUR	FRPL
EUREX	Eurex	Equity	AO5G	Alstom S.A FLEX	Fut	Electronic	0.2	EUR	FRPL				0.2	0.15	EUR	FRPL
EUREX	Eurex	Equity	AO5H	Atlantia S.p.A FLEX	Fut	Electronic	0.2	EUR	FRPL				0.2	0.15	EUR	FRPL
EUREX	Eurex	Equity	AOMG	Alstom S.A	Fut	Electronic	0.13	EUR	FRPL				0.13	0.15	EUR	FRPL
EUREX	Eurex	Equity	AOPH	Atlantia S.p.A	Fut	Electronic	0.13	EUR	FRPL				0.13	0.15	EUR	FRPL
EUREX	Eurex	Equity	AOX4	Alstria Office REIT AG FLEX	Fut	Electronic	0.2	EUR	FRPL				0.2	0.15	EUR	FRPL
EUREX	Eurex	Equity	AOX5	Alstria Office REIT AG FLEX	Fut	Electronic	0.2	EUR	FRPL				0.2	0.15	EUR	FRPL
EUREX	Eurex	Equity	AOXF	Alstria Office REIT AG	Fut	Electronic	0.13	EUR	FRPL				0.13	0.15	EUR	FRPL
EUREX	Eurex	Equity	AP4F	Apache Corp FLEX	Fut	Electronic	0.3	USD	FRPL				0.3	0.2	USD	FRPL
EUREX	Eurex	Equity	AP5F	Apache Corp FLEX	Fut	Electronic	0.3	USD	FRPL				0.3	0.2	USD	FRPL
EUREX	Eurex	Equity	APAF	Apache Corp	Fut	Electronic	0.2	USD	FRPL				0.2	0.2	USD	FRPL
EUREX	Eurex	Equity	APC4	Anadarko Petroleum Corp FLEX	Fut	Electronic	0.3	USD	FRPL				0.3	0.2	USD	FRPL
EUREX	Eurex	Equity	APC5	Anadarko Petroleum Corp FLEX	Fut	Electronic	0.3	USD	FRPL				0.3	0.2	USD	FRPL
EUREX	Eurex	Equity	APCF	Anadarko Petroleum Corp	Fut	Electronic	0.2	USD	FRPL				0.2	0.2	USD	FRPL
EUREX	Eurex	Equity	APO4	Apollo Group Inc FLEX	Fut	Electronic	0.3	USD	FRPL				0.3	0.2	USD	FRPL
EUREX	Eurex	Equity	APO5	Apollo Group Inc FLEX	Fut	Electronic	0.3	USD	FRPL				0.3	0.2	USD	FRPL
EUREX	Eurex	Equity	APOF	Apollo Group Inc	Fut	Electronic	0.2	USD	FRPL				0.2	0.2	USD	FRPL
EUREX	Eurex	Equity	AQ4F	Gigaset AG FLEX	Fut	Electronic	0.2	EUR	FRPL				0.2	0.15	EUR	FRPL
EUREX	Eurex	Equity	AQ5F	Gigaset AG FLEX	Fut	Electronic	0.2	EUR	FRPL				0.2	0.15	EUR	FRPL
EUREX	Eurex	Equity	AQUF	Gigaset AG	Fut	Electronic	0.13	EUR	FRPL				0.13	0.15	EUR	FRPL
EUREX	Eurex	Equity	AR4F	ARM Holdings PLC FLEX	Fut	Electronic	0.15	GBP	FRPL				0.15	0.15	GBP	FRPL
EUREX	Eurex	Equity	AR5F	ARM Holdings PLC FLEX	Fut	Electronic	0.15	GBP	FRPL				0.15	0.15	GBP	FRPL
EUREX	Eurex	Equity	AREF	Areva S.A	Fut	Electronic	0.13	EUR	FRPL				0.13	0.15	EUR	FRPL
EUREX	Eurex	Equity	ARL4	Aareal Bank AG FLEX	Fut	Electronic	0.2	EUR	FRPL				0.2	0.15	EUR	FRPL
EUREX	Eurex	Equity	ARL5	Aareal Bank AG FLEX	Fut	Electronic	0.2	EUR	FRPL				0.2	0.15	EUR	FRPL
EUREX	Eurex	Equity	ARLF	Aareal Bank AG	Fut	Electronic	0.13	EUR	FRPL				0.13	0.15	EUR	FRPL
EUREX	Eurex	Equity	ARMF	ARM Holdings PLC	Fut	Electronic	0.1	GBP	FRPL				0.1	0.15	GBP	FRPL
EUREX	Eurex	Equity	AS4H	ASML Holding N.V FLEX	Fut	Electronic	0.2	EUR	FRPL				0.2	0.15	EUR	FRPL
EUREX	Eurex	Equity	AS5H	ASML Holding N.V FLEX	Fut	Electronic	0.2	EUR	FRPL				0.2	0.15	EUR	FRPL
EUREX	Eurex	Equity	ASGG	Assicurazioni Generali S.p.A	Fut	Electronic	0.13	EUR	FRPL				0.13	0.15	EUR	FRPL
EUREX	Eurex	Equity	ASMH	ASML Holding N.V	Fut	Electronic	0.13	EUR	FRPL				0.13	0.15	EUR	FRPL
EUREX	Eurex	Equity	ASS4	Assa-Abloy AB FLEX	Fut	Electronic	0.2	EUR	FRPL				0.2	0.15	EUR	FRPL
EUREX	Eurex	Equity	ASSF	Assa-Abloy AB	Fut	Electronic	0.13	EUR	FRPL				0.13	0.15	EUR	FRPL
EUREX	Eurex	Equity	AT4F	Agricultural Bank of Greece SA FLEX	Fut	Electronic	0.2	EUR	FRPL				0.2	0.15	EUR	FRPL
EUREX	Eurex	Equity	AT4H	Actelion Ltd FLEX	Fut	Electronic	0.3	CHF	FRPL				0.3	0.2	CHF	FRPL
EUREX	Eurex	Equity	AT5H	Actelion Ltd FLEX	Fut	Electronic	0.3	CHF	FRPL				0.3	0.2	CHF	FRPL

Exch Code	Exch Desc	Comm Group	Prod Code	Product Desc	F/O	Platform	Trd Fee	Trd Fee Cur	Trd Fee Meth	Clr Fee	Clr Fee Cur	Clr Fee Meth	Fee Total	Brk Fee	Brk Fee Cur	Brk Fee Meth
EUREX	Eurex	Equity	ATEF	Agricultural Bank of Greece SA	Fut	Electronic	0.13	EUR	FRPL				0.13	0.15	EUR	FRPL
EUREX	Eurex	Equity	ATLH	Actelion Ltd	Fut	Electronic	0.2	CHF	FRPL				0.2	0.2	CHF	FRPL
EUREX	Eurex	Equity	ATPF	Atlantic Power Corporation	Fut	Electronic	0.2	USD	FRPL				0.2	0.2	USD	FRPL
EUREX	Eurex	Equity	ATS4	AT&S Austria Techn. & Systemt. AG FLEX	Fut	Electronic	0.2	EUR	FRPL				0.2	0.15	EUR	FRPL
EUREX	Eurex	Equity	ATS5	AT&S Austria Techn. & Systemt. AG FLEX	Fut	Electronic	0.2	EUR	FRPL				0.2	0.15	EUR	FRPL
EUREX	Eurex	Equity	ATSF	AT&S Austria Techn. & Systemt. AG	Fut	Electronic	0.13	EUR	FRPL				0.13	0.15	EUR	FRPL
EUREX	Eurex	Equity	AU4G	Autogrill S.p.A FLEX	Fut	Electronic	0.2	EUR	FRPL				0.2	0.15	EUR	FRPL
EUREX	Eurex	Equity	AU5G	Autogrill S.p.A FLEX	Fut	Electronic	0.2	EUR	FRPL				0.2	0.15	EUR	FRPL
EUREX	Eurex	Equity	AULG	Autogrill S.p.A	Fut	Electronic	0.13	EUR	FRPL				0.13	0.15	EUR	FRPL
EUREX	Eurex	Equity	AV4	Aviva PLC FLEX	Fut	Electronic	0.15	GBP	FRPL				0.15	0.15	GBP	FRPL
EUREX	Eurex	Equity	AV5	Aviva PLC FLEX	Fut	Electronic	0.15	GBP	FRPL				0.15	0.15	GBP	FRPL
EUREX	Eurex	Equity	AVF	Aviva PLC	Fut	Electronic	0.1	GBP	FRPL				0.1	0.15	GBP	FRPL
EUREX	Eurex	Equity	AX4F	AtoS S.A. FLEX	Fut	Electronic	0.2	EUR	FRPL				0.2	0.15	EUR	FRPL
EUREX	Eurex	Equity	AX4G	AXA S.A FLEX	Fut	Electronic	0.2	EUR	FRPL				0.2	0.15	EUR	FRPL
EUREX	Eurex	Equity	AX5F	AtoS S.A. FLEX	Fut	Electronic	0.2	EUR	FRPL				0.2	0.15	EUR	FRPL
EUREX	Eurex	Equity	AX5G	AXA S.A FLEX	Fut	Electronic	0.2	EUR	FRPL				0.2	0.15	EUR	FRPL
EUREX	Eurex	Equity	AXAG	AXA S.A	Fut	Electronic	0.13	EUR	FRPL				0.13	0.15	EUR	FRPL
EUREX	Eurex	Equity	AXIF	AtoS S.A.	Fut	Electronic	0.13	EUR	FRPL				0.13	0.15	EUR	FRPL
EUREX	Eurex	Equity	AXP4	American Express Co FLEX	Fut	Electronic	0.3	USD	FRPL				0.3	0.2	USD	FRPL
EUREX	Eurex	Equity	AXP5	American Express Co FLEX	Fut	Electronic	0.3	USD	FRPL				0.3	0.2	USD	FRPL
EUREX	Eurex	Equity	AXPF	American Express Co	Fut	Electronic	0.2	USD	FRPL				0.2	0.2	USD	FRPL
EUREX	Eurex	Equity	AY4G	Abengoa S.A FLEX	Fut	Electronic	0.2	EUR	FRPL				0.2	0.15	EUR	FRPL
EUREX	Eurex	Equity	AYOG	Abengoa S.A	Fut	Electronic	0.13	EUR	FRPL				0.13	0.15	EUR	FRPL
EUREX	Eurex	Equity	AZ4K	Ebro Foods S.A FLEX	Fut	Electronic	0.2	EUR	FRPL				0.2	0.15	EUR	FRPL
EUREX	Eurex	Equity	AZN4	AstraZeneca PLC FLEX	Fut	Electronic	0.15	GBP	FRPL				0.15	0.15	GBP	FRPL
EUREX	Eurex	Equity	AZN5	AstraZeneca PLC FLEX	Fut	Electronic	0.15	GBP	FRPL				0.15	0.15	GBP	FRPL
EUREX	Eurex	Equity	AZNF	AstraZeneca PLC	Fut	Electronic	0.1	GBP	FRPL				0.1	0.15	GBP	FRPL
EUREX	Eurex	Equity	AZUK	Ebro Foods S.A	Fut	Electronic	0.13	EUR	FRPL				0.13	0.15	EUR	FRPL
EUREX	Eurex	Equity	B2AR	Barclays PLC Dividend	Fut	Electronic	0.3	GBP	FRPL				0.3	0.15	GBP	FRPL
EUREX	Eurex	Equity	B2AS	BASF SE Dividend	Fut	Electronic	1.2	EUR	FRPL				1.2	0.15	EUR	FRPL
EUREX	Eurex	Equity	B2AY	Bayer AG Dividend	Fut	Electronic	1.2	EUR	FRPL				1.2	0.15	EUR	FRPL
EUREX	Eurex	Equity	B2BV	Banco Bilbao Vizcaya Argentaria S.A Dividend Adj	Fut	Electronic	1.2	EUR	FRPL				1.2	0.15	EUR	FRPL
EUREX	Eurex	Equity	B2LT	BHP Billiton PLC Dividend	Fut	Electronic	1.2	USD	FRPL				1.2	0.2	USD	FRPL
EUREX	Eurex	Equity	B2MW	BMW AG Dividend	Fut	Electronic	1.2	EUR	FRPL				1.2	0.15	EUR	FRPL
EUREX	Eurex	Equity	B2NP	BNP Paribas S.A Dividend	Fut	Electronic	1.2	EUR	FRPL				1.2	0.15	EUR	FRPL
EUREX	Eurex	Equity	B2P	BP PLC Dividend	Fut	Electronic	0.3	GBP	FRPL				0.3	0.15	GBP	FRPL
EUREX	Eurex	Equity	B2SN	Danone S.A Dividend	Fut	Electronic	1.2	EUR	FRPL				1.2	0.15	EUR	FRPL
EUREX	Eurex	Equity	B2T	BT Group PLC Dividend	Fut	Electronic	0.3	GBP	FRPL				0.3	0.15	GBP	FRPL
EUREX	Eurex	Equity	B3BV	Banco Bilbao Vizcaya Argentaria S.A Dividend	Fut	Electronic	1.2	EUR	FRPL				1.2	0.15	EUR	FRPL
EUREX	Eurex	Equity	B44F	Banco Bradesco SA FLEX	Fut	Electronic	0.3	USD	FRPL				0.3	0.2	USD	FRPL
EUREX	Eurex	Equity	B45F	Banco Bradesco SA FLEX	Fut	Electronic	0.3	USD	FRPL				0.3	0.2	USD	FRPL
EUREX	Eurex	Equity	B48G	Bechtle AG FLEX	Fut	Electronic	0.2	EUR	FRPL				0.2	0.15	EUR	FRPL
EUREX	Eurex	Equity	B4AG	Banca Carige S.p.A FLEX	Fut	Electronic	0.2	EUR	FRPL				0.2	0.15	EUR	FRPL
EUREX	Eurex	Equity	B4BF	Barry Callebaut AG FLEX	Fut	Electronic	0.3	CHF	FRPL				0.3	0.2	CHF	FRPL
EUREX	Eurex	Equity	B4CF	BCE Inc FLEX	Fut	Electronic	0.3	USD	FRPL				0.3	0.2	USD	FRPL
EUREX	Eurex	Equity	B4CG	Bank of Greece S.A FLEX	Fut	Electronic	0.2	EUR	FRPL				0.2	0.15	EUR	FRPL
EUREX	Eurex	Equity	B4DF	Banco Bradesco SA	Fut	Electronic	0.2	USD	FRPL				0.2	0.2	USD	FRPL
EUREX	Eurex	Equity	B4DH	UBI Banca FLEX	Fut	Electronic	0.2	EUR	FRPL				0.2	0.15	EUR	FRPL
EUREX	Eurex	Equity	B4EF	Banca Popolare dell Emilia Romagna S.C.a.R.L FLEX	Fut	Electronic	0.2	EUR	FRPL				0.2	0.15	EUR	FRPL
EUREX	Eurex	Equity	B4HF	Balfour Beatty PLC FLEX	Fut	Electronic	0.15	GBP	FRPL				0.15	0.15	GBP	FRPL
EUREX	Eurex	Equity	B4IG	Banco BPI S.A FLEX	Fut	Electronic	0.2	EUR	FRPL				0.2	0.15	EUR	FRPL
EUREX	Eurex	Equity	B4KF	Brookfield Asset Management Inc FLEX	Fut	Electronic	0.3	USD	FRPL				0.3	0.2	USD	FRPL
EUREX	Eurex	Equity	B4NF	Progressive Waste Solutions Ltd FLEX	Fut	Electronic	0.3	USD	FRPL				0.3	0.2	USD	FRPL
EUREX	Eurex	Equity	B4OF	Bank of Montreal FLEX	Fut	Electronic	0.3	USD	FRPL				0.3	0.2	USD	FRPL
EUREX	Eurex	Equity	B4OG	BB Biotech AG FLEX	Fut	Electronic	0.3	CHF	FRPL				0.3	0.2	CHF	FRPL
EUREX	Eurex	Equity	B4RF	Brenntag AG FLEX	Fut	Electronic	0.2	EUR	FRPL				0.2	0.15	EUR	FRPL
EUREX	Eurex	Equity	B4SF	Banca Popolare di Sondrio S.C.a.R.L FLEX	Fut	Electronic	0.2	EUR	FRPL				0.2	0.15	EUR	FRPL
EUREX	Eurex	Equity	B4TF	BWT AG FLEX	Fut	Electronic	0.2	EUR	FRPL				0.2	0.15	EUR	FRPL
EUREX	Eurex	Equity	B4VG	Banque Cantonale Vaudoise FLEX	Fut	Electronic	0.3	CHF	FRPL				0.3	0.2	CHF	FRPL

Exch Code	Exch Desc	Comm Group	Prod Code	Product Desc	F/O	Platform	Trd Fee	Trd Fee Cur	Trd Fee Meth	Clr Fee	Clr Fee Cur	Clr Fee Meth	Fee Total	Brk Fee	Brk Fee Cur	Brk Fee Meth
EUREX	Eurex	Equity	B54F	Bauer AG FLEX	Fut	Electronic	0.2	EUR	FRPL				0.2	0.15	EUR	FRPL
EUREX	Eurex	Equity	B55F	Bauer AG FLEX	Fut	Electronic	0.2	EUR	FRPL				0.2	0.15	EUR	FRPL
EUREX	Eurex	Equity	B58G	Bechtle AG FLEX	Fut	Electronic	0.2	EUR	FRPL				0.2	0.15	EUR	FRPL
EUREX	Eurex	Equity	B5AF	Bauer AG	Fut	Electronic	0.13	EUR	FRPL				0.13	0.15	EUR	FRPL
EUREX	Eurex	Equity	B5AG	Banca Carige S.p.A FLEX	Fut	Electronic	0.2	EUR	FRPL				0.2	0.15	EUR	FRPL
EUREX	Eurex	Equity	B5BF	Barry Callebaut AG FLEX	Fut	Electronic	0.3	CHF	FRPL				0.3	0.2	CHF	FRPL
EUREX	Eurex	Equity	B5CF	BCE Inc FLEX	Fut	Electronic	0.3	USD	FRPL				0.3	0.2	USD	FRPL
EUREX	Eurex	Equity	B5DH	UBI Banca FLEX	Fut	Electronic	0.2	EUR	FRPL				0.2	0.15	EUR	FRPL
EUREX	Eurex	Equity	B5EF	Banca Popolare dell Emilia Romagna S.C.a.R.L FLEX	Fut	Electronic	0.2	EUR	FRPL				0.2	0.15	EUR	FRPL
EUREX	Eurex	Equity	B5HF	Balfour Beatty PLC FLEX	Fut	Electronic	0.15	GBP	FRPL				0.15	0.15	GBP	FRPL
EUREX	Eurex	Equity	B5KF	Brookfield Asset Management Inc FLEX	Fut	Electronic	0.3	USD	FRPL				0.3	0.2	USD	FRPL
EUREX	Eurex	Equity	B5NF	Progressive Waste Solutions Ltd FLEX	Fut	Electronic	0.3	USD	FRPL				0.3	0.2	USD	FRPL
EUREX	Eurex	Equity	B5OF	Bank of Montreal FLEX	Fut	Electronic	0.3	USD	FRPL				0.3	0.2	USD	FRPL
EUREX	Eurex	Equity	B5OG	BB Biotech AG FLEX	Fut	Electronic	0.3	CHF	FRPL				0.3	0.2	CHF	FRPL
EUREX	Eurex	Equity	B5RF	Brenntag AG FLEX	Fut	Electronic	0.2	EUR	FRPL				0.2	0.15	EUR	FRPL
EUREX	Eurex	Equity	B5SF	Banca Popolare di Sondrio S.C.a.R.L FLEX	Fut	Electronic	0.2	EUR	FRPL				0.2	0.15	EUR	FRPL
EUREX	Eurex	Equity	B5TF	BWT AG FLEX	Fut	Electronic	0.2	EUR	FRPL				0.2	0.15	EUR	FRPL
EUREX	Eurex	Equity	B5VG	Banque Cantonale Vaudoise FLEX	Fut	Electronic	0.3	CHF	FRPL				0.3	0.2	CHF	FRPL
EUREX	Eurex	Equity	B5X4	Baytex Energy Corporation FLEX	Fut	Electronic	0.3	USD	FRPL				0.3	0.2	USD	FRPL
EUREX	Eurex	Equity	B5X5	Baytex Energy Corporation FLEX	Fut	Electronic	0.3	USD	FRPL				0.3	0.2	USD	FRPL
EUREX	Eurex	Equity	B5XF	Baytex Energy Corporation	Fut	Electronic	0.2	USD	FRPL				0.2	0.2	USD	FRPL
EUREX	Eurex	Equity	BA44	BASF SE FLEX	Fut	Electronic	0.2	EUR	FRPL				0.2	0.15	EUR	FRPL
EUREX	Eurex	Equity	BA4F	Baloise Holding AG FLEX	Fut	Electronic	0.3	CHF	FRPL				0.3	0.2	CHF	FRPL
EUREX	Eurex	Equity	BA4G	Bankinter S.A FLEX	Fut	Electronic	0.2	EUR	FRPL				0.2	0.15	EUR	FRPL
EUREX	Eurex	Equity	BA4I	Julius Bar Gruppe AG FLEX	Fut	Electronic	0.3	CHF	FRPL				0.3	0.2	CHF	FRPL
EUREX	Eurex	Equity	BA55	BASF SE FLEX	Fut	Electronic	0.2	EUR	FRPL				0.2	0.15	EUR	FRPL
EUREX	Eurex	Equity	BA5F	Baloise Holding AG FLEX	Fut	Electronic	0.3	CHF	FRPL				0.3	0.2	CHF	FRPL
EUREX	Eurex	Equity	BA5I	Julius Bar Gruppe AG FLEX	Fut	Electronic	0.3	CHF	FRPL				0.3	0.2	CHF	FRPL
EUREX	Eurex	Equity	BAC4	Bank of America Corp FLEX	Fut	Electronic	0.3	USD	FRPL				0.3	0.2	USD	FRPL
EUREX	Eurex	Equity	BAC5	Bank of America Corp FLEX	Fut	Electronic	0.3	USD	FRPL				0.3	0.2	USD	FRPL
EUREX	Eurex	Equity	BACF	Bank of America Corp	Fut	Electronic	0.2	USD	FRPL				0.2	0.2	USD	FRPL
EUREX	Eurex	Equity	BAD4	Balda AG FLEX	Fut	Electronic	0.2	EUR	FRPL				0.2	0.15	EUR	FRPL
EUREX	Eurex	Equity	BAD5	Balda AG FLEX	Fut	Electronic	0.2	EUR	FRPL				0.2	0.15	EUR	FRPL
EUREX	Eurex	Equity	BADF	Balda AG	Fut	Electronic	0.13	EUR	FRPL				0.13	0.15	EUR	FRPL
EUREX	Eurex	Equity	BAEI	Julius Bar Gruppe AG	Fut	Electronic	0.2	CHF	FRPL				0.2	0.2	CHF	FRPL
EUREX	Eurex	Equity	BAF4	BAE Systems PLC FLEX	Fut	Electronic	0.15	GBP	FRPL				0.15	0.15	GBP	FRPL
EUREX	Eurex	Equity	BAF5	BAE Systems PLC FLEX	Fut	Electronic	0.15	GBP	FRPL				0.15	0.15	GBP	FRPL
EUREX	Eurex	Equity	BAFF	BAE Systems PLC	Fut	Electronic	0.1	GBP	FRPL				0.1	0.15	GBP	FRPL
EUREX	Eurex	Equity	BAG4	Barclays PLC FLEX	Fut	Electronic	0.15	GBP	FRPL				0.15	0.15	GBP	FRPL
EUREX	Eurex	Equity	BAG5	Barclays PLC FLEX	Fut	Electronic	0.15	GBP	FRPL				0.15	0.15	GBP	FRPL
EUREX	Eurex	Equity	BAKG	Bankinter S.A	Fut	Electronic	0.13	EUR	FRPL				0.13	0.15	EUR	FRPL
EUREX	Eurex	Equity	BALF	Baloise Holding AG	Fut	Electronic	0.2	CHF	FRPL				0.2	0.2	CHF	FRPL
EUREX	Eurex	Equity	BARG	Barclays PLC	Fut	Electronic	0.1	GBP	FRPL				0.1	0.15	GBP	FRPL
EUREX	Eurex	Equity	BASG	BASF SE	Fut	Electronic	0.13	EUR	FRPL				0.13	0.15	EUR	FRPL
EUREX	Eurex	Equity	BAT4	Banco Espirito Santo S.A FLEX	Fut	Electronic	0.2	EUR	FRPL				0.2	0.15	EUR	FRPL
EUREX	Eurex	Equity	BATF	Banco Espirito Santo S.A	Fut	Electronic	0.13	EUR	FRPL				0.13	0.15	EUR	FRPL
EUREX	Eurex	Equity	BAX4	Baxter International Inc FLEX	Fut	Electronic	0.3	USD	FRPL				0.3	0.2	USD	FRPL
EUREX	Eurex	Equity	BAX5	Baxter International Inc FLEX	Fut	Electronic	0.3	USD	FRPL				0.3	0.2	USD	FRPL
EUREX	Eurex	Equity	BAXF	Baxter International Inc	Fut	Electronic	0.2	USD	FRPL				0.2	0.2	USD	FRPL
EUREX	Eurex	Equity	BAY4	Bayer AG FLEX	Fut	Electronic	0.2	EUR	FRPL				0.2	0.15	EUR	FRPL
EUREX	Eurex	Equity	BAY5	Bayer AG FLEX	Fut	Electronic	0.2	EUR	FRPL				0.2	0.15	EUR	FRPL
EUREX	Eurex	Equity	BAYF	Bayer AG	Fut	Electronic	0.13	EUR	FRPL				0.13	0.15	EUR	FRPL
EUREX	Eurex	Equity	BB4G	Banco Bilbao Vizcaya Argentaria S.A FLEX	Fut	Electronic	0.2	EUR	FRPL				0.2	0.15	EUR	FRPL
EUREX	Eurex	Equity	BB5P	Banco Bilbao Vizcaya Argentaria S.A FLEX	Fut	Electronic	0.2	EUR	FRPL				0.2	0.15	EUR	FRPL
EUREX	Eurex	Equity	BBVG	Banco Bilbao Vizcaya Argentaria S.A	Fut	Electronic	0.13	EUR	FRPL				0.13	0.15	EUR	FRPL
EUREX	Eurex	Equity	BBVP	Banco Bilbao Vizcaya Argentaria S.A	Fut	Electronic	0.13	EUR	FRPL				0.13	0.15	EUR	FRPL
EUREX	Eurex	Equity	BC4H	Banco Comercial Portugues S.A FLEX	Fut	Electronic	0.2	EUR	FRPL				0.2	0.15	EUR	FRPL
EUREX	Eurex	Equity	BC8G	Bechtle AG	Fut	Electronic	0.13	EUR	FRPL				0.13	0.15	EUR	FRPL
EUREX	Eurex	Equity	BCAG	Banca Carige S.p.A	Fut	Electronic	0.13	EUR	FRPL				0.13	0.15	EUR	FRPL

Exch Code	Exch Desc	Comm Group	Prod Code	Product Desc	F/O	Platform	Trd Fee	Trd Fee Cur	Trd Fee Meth	Clr Fee	Clr Fee Cur	Clr Fee Meth	Fee Total	Brk Fee	Brk Fee Cur	Brk Fee Meth
EUREX	Eurex	Equity	BCBF	Barry Callebaut AG	Fut	Electronic	0.2	CHF	FRPL				0.2	0.2	CHF	FRPL
EUREX	Eurex	Equity	BCEF	BCE Inc	Fut	Electronic	0.2	USD	FRPL				0.2	0.2	USD	FRPL
EUREX	Eurex	Equity	BCO4	Boeing Co FLEX	Fut	Electronic	0.3	USD	FRPL				0.3	0.2	USD	FRPL
EUREX	Eurex	Equity	BCO5	Boeing Co FLEX	Fut	Electronic	0.3	USD	FRPL				0.3	0.2	USD	FRPL
EUREX	Eurex	Equity	BCOF	Boeing Co	Fut	Electronic	0.2	USD	FRPL				0.2	0.2	USD	FRPL
EUREX	Eurex	Equity	BCPH	Banco Comercial Portugues S.A	Fut	Electronic	0.13	EUR	FRPL				0.13	0.15	EUR	FRPL
EUREX	Eurex	Equity	BCVG	Banque Cantonale Vaudoise	Fut	Electronic	0.2	CHF	FRPL				0.2	0.2	CHF	FRPL
EUREX	Eurex	Equity	BD4F	Bertrandt AG FLEX	Fut	Electronic	0.2	EUR	FRPL				0.2	0.15	EUR	FRPL
EUREX	Eurex	Equity	BD4G	Banco de Sabadell S.A FLEX	Fut	Electronic	0.2	EUR	FRPL				0.2	0.15	EUR	FRPL
EUREX	Eurex	Equity	BD5F	Bertrandt AG FLEX	Fut	Electronic	0.2	EUR	FRPL				0.2	0.15	EUR	FRPL
EUREX	Eurex	Equity	BDE4	Barratt Developments PLC FLEX	Fut	Electronic	0.15	GBP	FRPL				0.15	0.15	GBP	FRPL
EUREX	Eurex	Equity	BDE5	Barratt Developments PLC FLEX	Fut	Electronic	0.15	GBP	FRPL				0.15	0.15	GBP	FRPL
EUREX	Eurex	Equity	BDEF	Barratt Developments PLC	Fut	Electronic	0.1	GBP	FRPL				0.1	0.15	GBP	FRPL
EUREX	Eurex	Equity	BDSG	Banco de Sabadell S.A	Fut	Electronic	0.13	EUR	FRPL				0.13	0.15	EUR	FRPL
EUREX	Eurex	Equity	BDTF	Bertrandt AG	Fut	Electronic	0.13	EUR	FRPL				0.13	0.15	EUR	FRPL
EUREX	Eurex	Equity	BDX4	Becton, Dickinson & Co FLEX	Fut	Electronic	0.3	USD	FRPL				0.3	0.2	USD	FRPL
EUREX	Eurex	Equity	BDX5	Becton, Dickinson & Co FLEX	Fut	Electronic	0.3	USD	FRPL				0.3	0.2	USD	FRPL
EUREX	Eurex	Equity	BDXF	Becton, Dickinson & Co	Fut	Electronic	0.2	USD	FRPL				0.2	0.2	USD	FRPL
EUREX	Eurex	Equity	BE4F	Bekaert N.V FLEX	Fut	Electronic	0.2	EUR	FRPL				0.2	0.15	EUR	FRPL
EUREX	Eurex	Equity	BE4G	Beiersdorf AG FLEX	Fut	Electronic	0.2	EUR	FRPL				0.2	0.15	EUR	FRPL
EUREX	Eurex	Equity	BE5F	Bekaert N.V FLEX	Fut	Electronic	0.2	EUR	FRPL				0.2	0.15	EUR	FRPL
EUREX	Eurex	Equity	BE5G	Beiersdorf AG FLEX	Fut	Electronic	0.2	EUR	FRPL				0.2	0.15	EUR	FRPL
EUREX	Eurex	Equity	BEF4	Befimmo S.C.A FLEX	Fut	Electronic	0.2	EUR	FRPL				0.2	0.15	EUR	FRPL
EUREX	Eurex	Equity	BEF5	Befimmo S.C.A FLEX	Fut	Electronic	0.2	EUR	FRPL				0.2	0.15	EUR	FRPL
EUREX	Eurex	Equity	BEFF	Befimmo S.C.A	Fut	Electronic	0.13	EUR	FRPL				0.13	0.15	EUR	FRPL
EUREX	Eurex	Equity	BEIG	Beiersdorf AG	Fut	Electronic	0.13	EUR	FRPL				0.13	0.15	EUR	FRPL
EUREX	Eurex	Equity	BEKF	Bekaert N.V	Fut	Electronic	0.13	EUR	FRPL				0.13	0.15	EUR	FRPL
EUREX	Eurex	Equity	BG4G	Koninklijke BAM Groep N.V FLEX	Fut	Electronic	0.2	EUR	FRPL				0.2	0.15	EUR	FRPL
EUREX	Eurex	Equity	BGCG	Bank of Greece S.A	Fut	Electronic	0.13	EUR	FRPL				0.13	0.15	EUR	FRPL
EUREX	Eurex	Equity	BGF4	BG Group PLC FLEX	Fut	Electronic	0.15	GBP	FRPL				0.15	0.15	GBP	FRPL
EUREX	Eurex	Equity	BGF5	BG Group PLC FLEX	Fut	Electronic	0.15	GBP	FRPL				0.15	0.15	GBP	FRPL
EUREX	Eurex	Equity	BGFF	BG Group PLC	Fut	Electronic	0.1	GBP	FRPL				0.1	0.15	GBP	FRPL
EUREX	Eurex	Equity	BGPG	Koninklijke BAM Groep N.V	Fut	Electronic	0.13	EUR	FRPL				0.13	0.15	EUR	FRPL
EUREX	Eurex	Equity	BH4F	Bank Handlowy W Warszawie Spolka Akcyjna FLEX	Fut	Electronic	0.2	EUR	FRPL				0.2	0.15	EUR	FRPL
EUREX	Eurex	Equity	BHI4	Baker Hughes Inc FLEX	Fut	Electronic	0.3	USD	FRPL				0.3	0.2	USD	FRPL
EUREX	Eurex	Equity	BHI5	Baker Hughes Inc FLEX	Fut	Electronic	0.3	USD	FRPL				0.3	0.2	USD	FRPL
EUREX	Eurex	Equity	BHIF	Baker Hughes Inc	Fut	Electronic	0.2	USD	FRPL				0.2	0.2	USD	FRPL
EUREX	Eurex	Equity	BHWF	Bank Handlowy W Warszawie Spolka Akcyjna	Fut	Electronic	0.13	EUR	FRPL				0.13	0.15	EUR	FRPL
EUREX	Eurex	Equity	BI4F	bioMerieux FLEX	Fut	Electronic	0.2	EUR	FRPL				0.2	0.15	EUR	FRPL
EUREX	Eurex	Equity	BI4H	BIC S.A FLEX	Fut	Electronic	0.2	EUR	FRPL				0.2	0.15	EUR	FRPL
EUREX	Eurex	Equity	BI5F	bioMerieux FLEX	Fut	Electronic	0.2	EUR	FRPL				0.2	0.15	EUR	FRPL
EUREX	Eurex	Equity	BI5H	BIC S.A FLEX	Fut	Electronic	0.2	EUR	FRPL				0.2	0.15	EUR	FRPL
EUREX	Eurex	Equity	BIFH	BIC S.A	Fut	Electronic	0.13	EUR	FRPL				0.13	0.15	EUR	FRPL
EUREX	Eurex	Equity	BIHF	Balfour Beatty PLC	Fut	Electronic	0.1	GBP	FRPL				0.1	0.15	GBP	FRPL
EUREX	Eurex	Equity	BII4	Biogen Idec Inc FLEX	Fut	Electronic	0.3	USD	FRPL				0.3	0.2	USD	FRPL
EUREX	Eurex	Equity	BII5	Biogen Idec Inc FLEX	Fut	Electronic	0.3	USD	FRPL				0.3	0.2	USD	FRPL
EUREX	Eurex	Equity	BIIF	Biogen Idec Inc	Fut	Electronic	0.2	USD	FRPL				0.2	0.2	USD	FRPL
EUREX	Eurex	Equity	BIMF	bioMerieux	Fut	Electronic	0.13	EUR	FRPL				0.13	0.15	EUR	FRPL
EUREX	Eurex	Equity	BINF	Progressive Waste Solutions Ltd	Fut	Electronic	0.2	USD	FRPL				0.2	0.2	USD	FRPL
EUREX	Eurex	Equity	BIOG	BB Biotech AG	Fut	Electronic	0.2	CHF	FRPL				0.2	0.2	CHF	FRPL
EUREX	Eurex	Equity	BIR4	Bank of Ireland FLEX	Fut	Electronic	0.2	EUR	FRPL				0.2	0.15	EUR	FRPL
EUREX	Eurex	Equity	BIRF	Bank of Ireland	Fut	Electronic	0.13	EUR	FRPL				0.13	0.15	EUR	FRPL
EUREX	Eurex	Equity	BIX4	Viohalco S.A FLEX	Fut	Electronic	0.2	EUR	FRPL				0.2	0.15	EUR	FRPL
EUREX	Eurex	Equity	BIXF	Viohalco S.A	Fut	Electronic	0.13	EUR	FRPL				0.13	0.15	EUR	FRPL
EUREX	Eurex	Equity	BK4F	Bank of Piraeus FLEX	Fut	Electronic	0.2	EUR	FRPL				0.2	0.15	EUR	FRPL
EUREX	Eurex	Equity	BKAF	Brookfield Asset Management Inc	Fut	Electronic	0.2	USD	FRPL				0.2	0.2	USD	FRPL
EUREX	Eurex	Equity	BKE4	The Buckle Inc FLEX	Fut	Electronic	0.3	USD	FRPL				0.3	0.2	USD	FRPL
EUREX	Eurex	Equity	BKE5	The Buckle Inc FLEX	Fut	Electronic	0.3	USD	FRPL				0.3	0.2	USD	FRPL
EUREX	Eurex	Equity	BKEF	The Buckle Inc	Fut	Electronic	0.2	USD	FRPL				0.2	0.2	USD	FRPL

Exch Code	Exch Desc	Comm Group	Prod Code	Product Desc	F/O	Platform	Trd Fee	Trd Fee Cur	Trd Fee Meth	Clr Fee	Clr Fee Cur	Clr Fee Meth	Fee Total	Brk Fee	Brk Fee Cur	Brk Fee Meth
EUREX	Eurex	Equity	BKF4	Bank of New York Mellon Corp FLEX	Fut	Electronic	0.3	USD	FRPL				0.3	0.2	USD	FRPL
EUREX	Eurex	Equity	BKF5	Bank of New York Mellon Corp FLEX	Fut	Electronic	0.3	USD	FRPL				0.3	0.2	USD	FRPL
EUREX	Eurex	Equity	BKFF	Bank of New York Mellon Corp	Fut	Electronic	0.2	USD	FRPL				0.2	0.2	USD	FRPL
EUREX	Eurex	Equity	BKO4	Brookfield Office Properties Inc FLEX	Fut	Electronic	0.3	USD	FRPL				0.3	0.2	USD	FRPL
EUREX	Eurex	Equity	BKO5	Brookfield Office Properties Inc FLEX	Fut	Electronic	0.3	USD	FRPL				0.3	0.2	USD	FRPL
EUREX	Eurex	Equity	BKOF	Brookfield Office Properties Inc	Fut	Electronic	0.2	USD	FRPL				0.2	0.2	USD	FRPL
EUREX	Eurex	Equity	BKPF	Bank of Piraeus	Fut	Electronic	0.13	EUR	FRPL				0.13	0.15	EUR	FRPL
EUREX	Eurex	Equity	BL4F	BHP Billiton PLC FLEX	Fut	Electronic	0.15	GBP	FRPL				0.15	0.15	GBP	FRPL
EUREX	Eurex	Equity	BL5F	BHP Billiton PLC FLEX	Fut	Electronic	0.15	GBP	FRPL				0.15	0.15	GBP	FRPL
EUREX	Eurex	Equity	BLN4	The British Land Co PLC FLEX	Fut	Electronic	0.15	GBP	FRPL				0.15	0.15	GBP	FRPL
EUREX	Eurex	Equity	BLN5	The British Land Co PLC FLEX	Fut	Electronic	0.15	GBP	FRPL				0.15	0.15	GBP	FRPL
EUREX	Eurex	Equity	BLNF	The British Land Co PLC	Fut	Electronic	0.1	GBP	FRPL				0.1	0.15	GBP	FRPL
EUREX	Eurex	Equity	BLTF	BHP Billiton PLC	Fut	Electronic	0.1	GBP	FRPL				0.1	0.15	GBP	FRPL
EUREX	Eurex	Equity	BM3F	BMW AG Pref	Fut	Electronic	0.13	EUR	FRPL				0.13	0.15	EUR	FRPL
EUREX	Eurex	Equity	BM4F	BMW AG Pref FLEX	Fut	Electronic	0.2	EUR	FRPL				0.2	0.15	EUR	FRPL
EUREX	Eurex	Equity	BM4G	Bolsas y Mercados Espanoles FLEX	Fut	Electronic	0.2	EUR	FRPL				0.2	0.15	EUR	FRPL
EUREX	Eurex	Equity	BM5F	BMW AG Pref FLEX	Fut	Electronic	0.2	EUR	FRPL				0.2	0.15	EUR	FRPL
EUREX	Eurex	Equity	BMEG	Bolsas y Mercados Espanoles	Fut	Electronic	0.13	EUR	FRPL				0.13	0.15	EUR	FRPL
EUREX	Eurex	Equity	BMOF	Bank of Montreal	Fut	Electronic	0.2	USD	FRPL				0.2	0.2	USD	FRPL
EUREX	Eurex	Equity	BMT4	British American Tobacco PLC FLEX	Fut	Electronic	0.15	GBP	FRPL				0.15	0.15	GBP	FRPL
EUREX	Eurex	Equity	BMT5	British American Tobacco PLC FLEX	Fut	Electronic	0.15	GBP	FRPL				0.15	0.15	GBP	FRPL
EUREX	Eurex	Equity	BMTF	British American Tobacco PLC	Fut	Electronic	0.1	GBP	FRPL				0.1	0.15	GBP	FRPL
EUREX	Eurex	Equity	BMW4	BMW AG FLEX	Fut	Electronic	0.2	EUR	FRPL				0.2	0.15	EUR	FRPL
EUREX	Eurex	Equity	BMW5	BMW AG FLEX	Fut	Electronic	0.2	EUR	FRPL				0.2	0.15	EUR	FRPL
EUREX	Eurex	Equity	BMWF	BMW AG	Fut	Electronic	0.13	EUR	FRPL				0.13	0.15	EUR	FRPL
EUREX	Eurex	Equity	BMY4	Bristol-Myers Squibb Co FLEX	Fut	Electronic	0.3	USD	FRPL				0.3	0.2	USD	FRPL
EUREX	Eurex	Equity	BMY5	Bristol-Myers Squibb Co FLEX	Fut	Electronic	0.3	USD	FRPL				0.3	0.2	USD	FRPL
EUREX	Eurex	Equity	BMYF	Bristol-Myers Squibb Co	Fut	Electronic	0.2	USD	FRPL				0.2	0.2	USD	FRPL
EUREX	Eurex	Equity	BN4F	Bunzl PLC FLEX	Fut	Electronic	0.15	GBP	FRPL				0.15	0.15	GBP	FRPL
EUREX	Eurex	Equity	BN4H	BNP Paribas S.A FLEX	Fut	Electronic	0.2	EUR	FRPL				0.2	0.15	EUR	FRPL
EUREX	Eurex	Equity	BN5F	Bunzl PLC FLEX	Fut	Electronic	0.15	GBP	FRPL				0.15	0.15	GBP	FRPL
EUREX	Eurex	Equity	BN5H	BNP Paribas S.A FLEX	Fut	Electronic	0.2	EUR	FRPL				0.2	0.15	EUR	FRPL
EUREX	Eurex	Equity	BNF4	Bank of Nova Scotia FLEX	Fut	Electronic	0.3	USD	FRPL				0.3	0.2	USD	FRPL
EUREX	Eurex	Equity	BNF5	Bank of Nova Scotia FLEX	Fut	Electronic	0.3	USD	FRPL				0.3	0.2	USD	FRPL
EUREX	Eurex	Equity	BNPH	BNP Paribas S.A	Fut	Electronic	0.13	EUR	FRPL				0.13	0.15	EUR	FRPL
EUREX	Eurex	Equity	BNRF	Brenntag AG	Fut	Electronic	0.13	EUR	FRPL				0.13	0.15	EUR	FRPL
EUREX	Eurex	Equity	BNSF	Bank of Nova Scotia	Fut	Electronic	0.2	USD	FRPL				0.2	0.2	USD	FRPL
EUREX	Eurex	Equity	BNZF	Bunzl PLC	Fut	Electronic	0.1	GBP	FRPL				0.1	0.15	GBP	FRPL
EUREX	Eurex	Equity	BO4F	Hugo Boss AG FLEX	Fut	Electronic	0.2	EUR	FRPL				0.2	0.15	EUR	FRPL
EUREX	Eurex	Equity	BO5F	Hugo Boss AG FLEX	Fut	Electronic	0.2	EUR	FRPL				0.2	0.15	EUR	FRPL
EUREX	Eurex	Equity	BOSF	Hugo Boss AG	Fut	Electronic	0.13	EUR	FRPL				0.13	0.15	EUR	FRPL
EUREX	Eurex	Equity	BP4	BP PLC FLEX	Fut	Electronic	0.15	GBP	FRPL				0.15	0.15	GBP	FRPL
EUREX	Eurex	Equity	BP4G	Banca Popolare di Milano S.C.a.R.L FLEX	Fut	Electronic	0.2	EUR	FRPL				0.2	0.15	EUR	FRPL
EUREX	Eurex	Equity	BP4H	Banco Popolare FLEX	Fut	Electronic	0.2	EUR	FRPL				0.2	0.15	EUR	FRPL
EUREX	Eurex	Equity	BP5	BP PLC FLEX	Fut	Electronic	0.15	GBP	FRPL				0.15	0.15	GBP	FRPL
EUREX	Eurex	Equity	BP5G	Banca Popolare di Milano S.C.a.R.L FLEX	Fut	Electronic	0.2	EUR	FRPL				0.2	0.15	EUR	FRPL
EUREX	Eurex	Equity	BP5H	Banco Popolare FLEX	Fut	Electronic	0.2	EUR	FRPL				0.2	0.15	EUR	FRPL
EUREX	Eurex	Equity	BPDH	UBI Banca	Fut	Electronic	0.13	EUR	FRPL				0.13	0.15	EUR	FRPL
EUREX	Eurex	Equity	BPEF	Banca Popolare dell Emilia Romagna S.C.a.R.L	Fut	Electronic	0.13	EUR	FRPL				0.13	0.15	EUR	FRPL
EUREX	Eurex	Equity	BPF	BP PLC	Fut	Electronic	0.1	GBP	FRPL				0.1	0.15	GBP	FRPL
EUREX	Eurex	Equity	BPIG	Banco BPI S.A	Fut	Electronic	0.13	EUR	FRPL				0.13	0.15	EUR	FRPL
EUREX	Eurex	Equity	BPMG	Banca Popolare di Milano S.C.a.R.L	Fut	Electronic	0.13	EUR	FRPL				0.13	0.15	EUR	FRPL
EUREX	Eurex	Equity	BPSF	Banca Popolare di Sondrio S.C.a.R.L	Fut	Electronic	0.13	EUR	FRPL				0.13	0.15	EUR	FRPL
EUREX	Eurex	Equity	BPVH	Banco Popolare	Fut	Electronic	0.13	EUR	FRPL				0.13	0.15	EUR	FRPL
EUREX	Eurex	Equity	BRB4	Burberry Group PLC FLEX	Fut	Electronic	0.15	GBP	FRPL				0.15	0.15	GBP	FRPL
EUREX	Eurex	Equity	BRB5	Burberry Group PLC FLEX	Fut	Electronic	0.15	GBP	FRPL				0.15	0.15	GBP	FRPL
EUREX	Eurex	Equity	BRBF	Burberry Group PLC	Fut	Electronic	0.1	GBP	FRPL				0.1	0.15	GBP	FRPL
EUREX	Eurex	Equity	BRE4	Bre Bank SA FLEX	Fut	Electronic	0.2	EUR	FRPL				0.2	0.15	EUR	FRPL
EUREX	Eurex	Equity	BREF	Bre Bank SA	Fut	Electronic	0.13	EUR	FRPL				0.13	0.15	EUR	FRPL

Exch Code	Exch Desc	Comm Group	Prod Code	Product Desc	F/O	Platform	Trd Fee	Trd Fee Cur	Trd Fee Meth	Clr Fee	Clr Fee Cur	Clr Fee Meth	Fee Total	Brk Fee	Brk Fee Cur	Brk Fee Meth
EUREX	Eurex	Equity	BS4F	Basler Kantonalbank FLEX	Fut	Electronic	0.3	CHF	FRPL				0.3	0.2	CHF	FRPL
EUREX	Eurex	Equity	BS4H	Danone S.A FLEX	Fut	Electronic	0.2	EUR	FRPL				0.2	0.15	EUR	FRPL
EUREX	Eurex	Equity	BS5F	Basler Kantonalbank FLEX	Fut	Electronic	0.3	CHF	FRPL				0.3	0.2	CHF	FRPL
EUREX	Eurex	Equity	BS5H	Danone S.A FLEX	Fut	Electronic	0.2	EUR	FRPL				0.2	0.15	EUR	FRPL
EUREX	Eurex	Equity	BSKF	Basler Kantonalbank	Fut	Electronic	0.2	CHF	FRPL				0.2	0.2	CHF	FRPL
EUREX	Eurex	Equity	BSNH	Danone S.A	Fut	Electronic	0.13	EUR	FRPL				0.13	0.15	EUR	FRPL
EUREX	Eurex	Equity	BSY4	British Sky Broadcasting Group PLC FLEX	Fut	Electronic	0.15	GBP	FRPL				0.15	0.15	GBP	FRPL
EUREX	Eurex	Equity	BSY5	British Sky Broadcasting Group PLC FLEX	Fut	Electronic	0.15	GBP	FRPL				0.15	0.15	GBP	FRPL
EUREX	Eurex	Equity	BSYF	British Sky Broadcasting Group PLC	Fut	Electronic	0.1	GBP	FRPL				0.1	0.15	GBP	FRPL
EUREX	Eurex	Equity	BT4F	BT Group PLC FLEX	Fut	Electronic	0.15	GBP	FRPL				0.15	0.15	GBP	FRPL
EUREX	Eurex	Equity	BT5F	BT Group PLC FLEX	Fut	Electronic	0.15	GBP	FRPL				0.15	0.15	GBP	FRPL
EUREX	Eurex	Equity	BTAF	BT Group PLC	Fut	Electronic	0.1	GBP	FRPL				0.1	0.15	GBP	FRPL
EUREX	Eurex	Equity	BU4F	Burgenland Holding AG FLEX	Fut	Electronic	0.2	EUR	FRPL				0.2	0.15	EUR	FRPL
EUREX	Eurex	Equity	BUHF	Burgenland Holding AG	Fut	Electronic	0.13	EUR	FRPL				0.13	0.15	EUR	FRPL
EUREX	Eurex	Equity	BV4F	Valeant Pharmaceuticals International Inc FLEX	Fut	Electronic	0.3	USD	FRPL				0.3	0.2	USD	FRPL
EUREX	Eurex	Equity	BV5F	Valeant Pharmaceuticals International Inc FLEX	Fut	Electronic	0.3	USD	FRPL				0.3	0.2	USD	FRPL
EUREX	Eurex	Equity	BVFF	Valeant Pharmaceuticals International Inc	Fut	Electronic	0.2	USD	FRPL				0.2	0.2	USD	FRPL
EUREX	Eurex	Equity	BWTF	BWT AG	Fut	Electronic	0.13	EUR	FRPL				0.13	0.15	EUR	FRPL
EUREX	Eurex	Equity	BX4G	Belgacom S.A FLEX	Fut	Electronic	0.2	EUR	FRPL				0.2	0.15	EUR	FRPL
EUREX	Eurex	Equity	BX5G	Belgacom S.A FLEX	Fut	Electronic	0.2	EUR	FRPL				0.2	0.15	EUR	FRPL
EUREX	Eurex	Equity	BX7G	Belgacom S.A	Fut	Electronic	0.13	EUR	FRPL				0.13	0.15	EUR	FRPL
EUREX	Eurex	Equity	BY4F	BayWa AG FLEX	Fut	Electronic	0.2	EUR	FRPL				0.2	0.15	EUR	FRPL
EUREX	Eurex	Equity	BY4G	Bouygues S.A FLEX	Fut	Electronic	0.2	EUR	FRPL				0.2	0.15	EUR	FRPL
EUREX	Eurex	Equity	BY5F	BayWa AG FLEX	Fut	Electronic	0.2	EUR	FRPL				0.2	0.15	EUR	FRPL
EUREX	Eurex	Equity	BY5G	Bouygues S.A FLEX	Fut	Electronic	0.2	EUR	FRPL				0.2	0.15	EUR	FRPL
EUREX	Eurex	Equity	BYGG	Bouygues S.A	Fut	Electronic	0.13	EUR	FRPL				0.13	0.15	EUR	FRPL
EUREX	Eurex	Equity	BYWF	BayWa AG	Fut	Electronic	0.13	EUR	FRPL				0.13	0.15	EUR	FRPL
EUREX	Eurex	Equity	C1CG	Cargotec Corp	Fut	Electronic	0.13	EUR	FRPL				0.13	0.15	EUR	FRPL
EUREX	Eurex	Equity	C2AR	Carrefour S.A Dividend	Fut	Electronic	1.2	EUR	FRPL				1.2	0.15	EUR	FRPL
EUREX	Eurex	Equity	C2FR	Compagnie Financiere Richemont AG Dividend	Fut	Electronic	1.6	CHF	FRPL				1.6	0.2	CHF	FRPL
EUREX	Eurex	Equity	C2RG	CRH PLC Dividend	Fut	Electronic	1.2	EUR	FRPL				1.2	0.15	EUR	FRPL
EUREX	Eurex	Equity	C2RI	UniCredit S.p.A Dividend	Fut	Electronic	1.2	EUR	FRPL				1.2	0.15	EUR	FRPL
EUREX	Eurex	Equity	C2SG	Credit Suisse Group AG Dividend	Fut	Electronic	1.6	CHF	FRPL				1.6	0.2	CHF	FRPL
EUREX	Eurex	Equity	C3AR	Carrefour S.A Dividend	Fut	Electronic	1.2	EUR	FRPL				1.2	0.15	EUR	FRPL
EUREX	Eurex	Equity	C3RI	UniCredit S.p.A Dividend	Fut	Electronic	0.4	EUR	FRPL				0.4	0.15	EUR	FRPL
EUREX	Eurex	Equity	C3SG	Credit Suisse Group AG Dividend	Fut	Electronic	1.6	CHF	FRPL				1.6	0.2	CHF	FRPL
EUREX	Eurex	Equity	C45I	UniCredit S.p.A FLEX	Fut	Electronic	0.2	EUR	FRPL				0.2	0.15	EUR	FRPL
EUREX	Eurex	Equity	C4CG	Cargotec Corp FLEX	Fut	Electronic	0.2	EUR	FRPL				0.2	0.15	EUR	FRPL
EUREX	Eurex	Equity	C4EF	Coca-Cola Enterprises Inc FLEX	Fut	Electronic	0.3	USD	FRPL				0.3	0.2	USD	FRPL
EUREX	Eurex	Equity	C4FF	Canadian Imperial Bank of Commerce FLEX	Fut	Electronic	0.3	USD	FRPL				0.3	0.2	USD	FRPL
EUREX	Eurex	Equity	C4IG	Canadian National Railway Company FLEX	Fut	Electronic	0.3	USD	FRPL				0.3	0.2	USD	FRPL
EUREX	Eurex	Equity	C4JF	Cameco Corporation FLEX	Fut	Electronic	0.3	USD	FRPL				0.3	0.2	USD	FRPL
EUREX	Eurex	Equity	C4MG	CSM N.V FLEX	Fut	Electronic	0.2	EUR	FRPL				0.2	0.15	EUR	FRPL
EUREX	Eurex	Equity	C4QG	Canadian Natural Resources Ltd FLEX	Fut	Electronic	0.3	USD	FRPL				0.3	0.2	USD	FRPL
EUREX	Eurex	Equity	C4RF	conwert Immobilien Invest SE FLEX	Fut	Electronic	0.2	EUR	FRPL				0.2	0.15	EUR	FRPL
EUREX	Eurex	Equity	C4RG	Carrefour S.A FLEX	Fut	Electronic	0.2	EUR	FRPL				0.2	0.15	EUR	FRPL
EUREX	Eurex	Equity	C4TG	CaixaBank FLEX	Fut	Electronic	0.2	EUR	FRPL				0.2	0.15	EUR	FRPL
EUREX	Eurex	Equity	C4VG	Corporacion Financiera Alba S.A FLEX	Fut	Electronic	0.2	EUR	FRPL				0.2	0.15	EUR	FRPL
EUREX	Eurex	Equity	C4YF	Nexen Inc FLEX	Fut	Electronic	0.3	USD	FRPL				0.3	0.2	USD	FRPL
EUREX	Eurex	Equity	C55I	UniCredit S.p.A FLEX	Fut	Electronic	0.2	EUR	FRPL				0.2	0.15	EUR	FRPL
EUREX	Eurex	Equity	C5CG	Cargotec Corp FLEX	Fut	Electronic	0.2	EUR	FRPL				0.2	0.15	EUR	FRPL
EUREX	Eurex	Equity	C5EF	Coca-Cola Enterprises Inc FLEX	Fut	Electronic	0.3	USD	FRPL				0.3	0.2	USD	FRPL
EUREX	Eurex	Equity	C5FF	Canadian Imperial Bank of Commerce FLEX	Fut	Electronic	0.3	USD	FRPL				0.3	0.2	USD	FRPL
EUREX	Eurex	Equity	C5IG	Canadian National Railway Company FLEX	Fut	Electronic	0.3	USD	FRPL				0.3	0.2	USD	FRPL
EUREX	Eurex	Equity	C5JF	Cameco Corporation FLEX	Fut	Electronic	0.3	USD	FRPL				0.3	0.2	USD	FRPL
EUREX	Eurex	Equity	C5MG	CSM N.V FLEX	Fut	Electronic	0.2	EUR	FRPL				0.2	0.15	EUR	FRPL
EUREX	Eurex	Equity	C5QG	Canadian Natural Resources Ltd FLEX	Fut	Electronic	0.3	USD	FRPL				0.3	0.2	USD	FRPL
EUREX	Eurex	Equity	C5RF	conwert Immobilien Invest SE FLEX	Fut	Electronic	0.2	EUR	FRPL				0.2	0.15	EUR	FRPL
EUREX	Eurex	Equity	C5RG	Carrefour S.A FLEX	Fut	Electronic	0.2	EUR	FRPL				0.2	0.15	EUR	FRPL

Exch Code	Exch Desc	Comm Group	Prod Code	Product Desc	F/O	Platform	Trd Fee	Trd Fee Cur	Trd Fee Meth	Clr Fee	Clr Fee Cur	Clr Fee Meth	Fee Total	Brk Fee	Brk Fee Cur	Brk Fee Meth
EUREX	Eurex	Equity	C5YF	Nexen Inc FLEX	Fut	Electronic	0.3	USD	FRPL				0.3	0.2	USD	FRPL
EUREX	Eurex	Equity	CA44	Casino Guichard-Perrachon S.A FLEX	Fut	Electronic	0.2	EUR	FRPL				0.2	0.15	EUR	FRPL
EUREX	Eurex	Equity	CA4F	CA Immobilien Anlagen AG FLEX	Fut	Electronic	0.2	EUR	FRPL				0.2	0.15	EUR	FRPL
EUREX	Eurex	Equity	CA4H	Cattolica di Assicurazioni S.p.A FLEX	Fut	Electronic	0.2	EUR	FRPL				0.2	0.15	EUR	FRPL
EUREX	Eurex	Equity	CA55	Casino Guichard-Perrachon S.A FLEX	Fut	Electronic	0.2	EUR	FRPL				0.2	0.15	EUR	FRPL
EUREX	Eurex	Equity	CA5F	CA Immobilien Anlagen AG FLEX	Fut	Electronic	0.2	EUR	FRPL				0.2	0.15	EUR	FRPL
EUREX	Eurex	Equity	CA5H	Cattolica di Assicurazioni S.p.A FLEX	Fut	Electronic	0.2	EUR	FRPL				0.2	0.15	EUR	FRPL
EUREX	Eurex	Equity	CAE4	CAE Inc FLEX	Fut	Electronic	0.3	USD	FRPL				0.3	0.2	USD	FRPL
EUREX	Eurex	Equity	CAE5	CAE Inc FLEX	Fut	Electronic	0.3	USD	FRPL				0.3	0.2	USD	FRPL
EUREX	Eurex	Equity	CAEF	CAE Inc	Fut	Electronic	0.2	USD	FRPL				0.2	0.2	USD	FRPL
EUREX	Eurex	Equity	CAIF	CA Immobilien Anlagen AG	Fut	Electronic	0.13	EUR	FRPL				0.13	0.15	EUR	FRPL
EUREX	Eurex	Equity	CAJG	Casino Guichard-Perrachon S.A	Fut	Electronic	0.13	EUR	FRPL				0.13	0.15	EUR	FRPL
EUREX	Eurex	Equity	CARG	Carrefour S.A	Fut	Electronic	0.13	EUR	FRPL				0.13	0.15	EUR	FRPL
EUREX	Eurex	Equity	CASH	Cattolica di Assicurazioni S.p.A	Fut	Electronic	0.13	EUR	FRPL				0.13	0.15	EUR	FRPL
EUREX	Eurex	Equity	CAT4	Caterpillar Inc FLEX	Fut	Electronic	0.3	USD	FRPL				0.3	0.2	USD	FRPL
EUREX	Eurex	Equity	CAT5	Caterpillar Inc FLEX	Fut	Electronic	0.3	USD	FRPL				0.3	0.2	USD	FRPL
EUREX	Eurex	Equity	CATF	Caterpillar Inc	Fut	Electronic	0.2	USD	FRPL				0.2	0.2	USD	FRPL
EUREX	Eurex	Equity	CB4G	Commerzbank AG FLEX	Fut	Electronic	0.2	EUR	FRPL				0.2	0.15	EUR	FRPL
EUREX	Eurex	Equity	CB5G	Commerzbank AG FLEX	Fut	Electronic	0.2	EUR	FRPL				0.2	0.15	EUR	FRPL
EUREX	Eurex	Equity	CBKG	Commerzbank AG	Fut	Electronic	0.13	EUR	FRPL				0.13	0.15	EUR	FRPL
EUREX	Eurex	Equity	CC4F	Carnival PLC FLEX	Fut	Electronic	0.15	GBP	FRPL				0.15	0.15	GBP	FRPL
EUREX	Eurex	Equity	CC5F	Carnival PLC FLEX	Fut	Electronic	0.15	GBP	FRPL				0.15	0.15	GBP	FRPL
EUREX	Eurex	Equity	CCJF	Cameco Corporation	Fut	Electronic	0.2	USD	FRPL				0.2	0.2	USD	FRPL
EUREX	Eurex	Equity	CCLF	Carnival PLC	Fut	Electronic	0.1	GBP	FRPL				0.1	0.15	GBP	FRPL
EUREX	Eurex	Equity	CD4F	Christian Dior S.A FLEX	Fut	Electronic	0.2	EUR	FRPL				0.2	0.15	EUR	FRPL
EUREX	Eurex	Equity	CD5F	Christian Dior S.A FLEX	Fut	Electronic	0.2	EUR	FRPL				0.2	0.15	EUR	FRPL
EUREX	Eurex	Equity	CDIF	Christian Dior S.A	Fut	Electronic	0.13	EUR	FRPL				0.13	0.15	EUR	FRPL
EUREX	Eurex	Equity	CE2F	CropEnergies AG	Fut	Electronic	0.13	EUR	FRPL				0.13	0.15	EUR	FRPL
EUREX	Eurex	Equity	CE4F	CropEnergies AG FLEX	Fut	Electronic	0.2	EUR	FRPL				0.2	0.15	EUR	FRPL
EUREX	Eurex	Equity	CE5F	CropEnergies AG FLEX	Fut	Electronic	0.2	EUR	FRPL				0.2	0.15	EUR	FRPL
EUREX	Eurex	Equity	CEEF	Coca-Cola Enterprises Inc	Fut	Electronic	0.2	USD	FRPL				0.2	0.2	USD	FRPL
EUREX	Eurex	Equity	CEL4	Celgene Corp FLEX	Fut	Electronic	0.3	USD	FRPL				0.3	0.2	USD	FRPL
EUREX	Eurex	Equity	CEL5	Celgene Corp FLEX	Fut	Electronic	0.3	USD	FRPL				0.3	0.2	USD	FRPL
EUREX	Eurex	Equity	CELF	Celgene Corp	Fut	Electronic	0.2	USD	FRPL				0.2	0.2	USD	FRPL
EUREX	Eurex	Equity	CEM4	Credito Emiliano S.p.A FLEX	Fut	Electronic	0.2	EUR	FRPL				0.2	0.15	EUR	FRPL
EUREX	Eurex	Equity	CEMF	Credito Emiliano S.p.A	Fut	Electronic	0.13	EUR	FRPL				0.13	0.15	EUR	FRPL
EUREX	Eurex	Equity	CF4I	Compagnie Financiere Richemont AG FLEX	Fut	Electronic	0.3	CHF	FRPL				0.3	0.2	CHF	FRPL
EUREX	Eurex	Equity	CF5I	Compagnie Financiere Richemont AG FLEX	Fut	Electronic	0.3	CHF	FRPL				0.3	0.2	CHF	FRPL
EUREX	Eurex	Equity	CFRI	Compagnie Financiere Richemont AG	Fut	Electronic	0.2	CHF	FRPL				0.2	0.2	CHF	FRPL
EUREX	Eurex	Equity	CG4F	Alcatel-Lucent S.A FLEX	Fut	Electronic	0.2	EUR	FRPL				0.2	0.15	EUR	FRPL
EUREX	Eurex	Equity	CG4G	Conergy AG FLEX	Fut	Electronic	0.2	EUR	FRPL				0.2	0.15	EUR	FRPL
EUREX	Eurex	Equity	CG5F	Alcatel-Lucent S.A FLEX	Fut	Electronic	0.2	EUR	FRPL				0.2	0.15	EUR	FRPL
EUREX	Eurex	Equity	CG5G	Conergy AG FLEX	Fut	Electronic	0.2	EUR	FRPL				0.2	0.15	EUR	FRPL
EUREX	Eurex	Equity	CGEF	Alcatel-Lucent S.A	Fut	Electronic	0.13	EUR	FRPL				0.13	0.15	EUR	FRPL
EUREX	Eurex	Equity	CGM4	Capgemini S.A FLEX	Fut	Electronic	0.2	EUR	FRPL				0.2	0.15	EUR	FRPL
EUREX	Eurex	Equity	CGM5	Capgemini S.A FLEX	Fut	Electronic	0.2	EUR	FRPL				0.2	0.15	EUR	FRPL
EUREX	Eurex	Equity	CGMF	Capgemini S.A	Fut	Electronic	0.13	EUR	FRPL				0.13	0.15	EUR	FRPL
EUREX	Eurex	Equity	CGYG	Conergy AG	Fut	Electronic	0.13	EUR	FRPL				0.13	0.15	EUR	FRPL
EUREX	Eurex	Equity	CH14	C.H. Robinson Worldwide Inc FLEX	Fut	Electronic	0.3	USD	FRPL				0.3	0.2	USD	FRPL
EUREX	Eurex	Equity	CH15	C.H. Robinson Worldwide Inc FLEX	Fut	Electronic	0.3	USD	FRPL				0.3	0.2	USD	FRPL
EUREX	Eurex	Equity	CH1F	C.H. Robinson Worldwide Inc	Fut	Electronic	0.2	USD	FRPL				0.2	0.2	USD	FRPL
EUREX	Eurex	Equity	CH4F	Chesapeake Energy Corp FLEX	Fut	Electronic	0.3	USD	FRPL				0.3	0.2	USD	FRPL
EUREX	Eurex	Equity	CH5F	Chesapeake Energy Corp FLEX	Fut	Electronic	0.3	USD	FRPL				0.3	0.2	USD	FRPL
EUREX	Eurex	Equity	CHKF	Chesapeake Energy Corp	Fut	Electronic	0.2	USD	FRPL				0.2	0.2	USD	FRPL
EUREX	Eurex	Equity	CI4G	Citigroup Inc FLEX	Fut	Electronic	0.3	USD	FRPL				0.3	0.2	USD	FRPL
EUREX	Eurex	Equity	CI5G	Citigroup Inc FLEX	Fut	Electronic	0.3	USD	FRPL				0.3	0.2	USD	FRPL
EUREX	Eurex	Equity	CIL4	Lafarge S.A FLEX	Fut	Electronic	0.2	EUR	FRPL				0.2	0.15	EUR	FRPL
EUREX	Eurex	Equity	CIL5	Lafarge S.A FLEX	Fut	Electronic	0.2	EUR	FRPL				0.2	0.15	EUR	FRPL
EUREX	Eurex	Equity	CILF	Lafarge S.A	Fut	Electronic	0.13	EUR	FRPL				0.13	0.15	EUR	FRPL

Exch Code	Exch Desc	Comm Group	Prod Code	Product Desc	F/O	Platform	Trd Fee	Trd Fee Cur	Trd Fee Meth	Clr Fee	Clr Fee Cur	Clr Fee Meth	Fee Total	Brk Fee	Brk Fee Cur	Brk Fee Meth
EUREX	Eurex	Equity	CITG	Citigroup Inc	Fut	Electronic	0.2	USD	FRPL				0.2	0.2	USD	FRPL
EUREX	Eurex	Equity	CL4F	Clariant AG FLEX	Fut	Electronic	0.3	CHF	FRPL				0.3	0.2	CHF	FRPL
EUREX	Eurex	Equity	CL4G	Corio N.V FLEX	Fut	Electronic	0.2	EUR	FRPL				0.2	0.15	EUR	FRPL
EUREX	Eurex	Equity	CL5F	Clariant AG FLEX	Fut	Electronic	0.3	CHF	FRPL				0.3	0.2	CHF	FRPL
EUREX	Eurex	Equity	CL5G	Corio N.V FLEX	Fut	Electronic	0.2	EUR	FRPL				0.2	0.15	EUR	FRPL
EUREX	Eurex	Equity	CL6G	Corio N.V	Fut	Electronic	0.13	EUR	FRPL				0.13	0.15	EUR	FRPL
EUREX	Eurex	Equity	CLF4	Colgate-Palmolive Co FLEX	Fut	Electronic	0.3	USD	FRPL				0.3	0.2	USD	FRPL
EUREX	Eurex	Equity	CLF5	Colgate-Palmolive Co FLEX	Fut	Electronic	0.3	USD	FRPL				0.3	0.2	USD	FRPL
EUREX	Eurex	Equity	CLFF	Colgate-Palmolive Co	Fut	Electronic	0.2	USD	FRPL				0.2	0.2	USD	FRPL
EUREX	Eurex	Equity	CLNF	Clariant AG	Fut	Electronic	0.2	CHF	FRPL				0.2	0.2	CHF	FRPL
EUREX	Eurex	Equity	CLS4	Celesio AG FLEX	Fut	Electronic	0.2	EUR	FRPL				0.2	0.15	EUR	FRPL
EUREX	Eurex	Equity	CLS5	Celesio AG FLEX	Fut	Electronic	0.2	EUR	FRPL				0.2	0.15	EUR	FRPL
EUREX	Eurex	Equity	CLSF	Celesio AG	Fut	Electronic	0.13	EUR	FRPL				0.13	0.15	EUR	FRPL
EUREX	Eurex	Equity	CM4F	Comcast Corp FLEX	Fut	Electronic	0.3	USD	FRPL				0.3	0.2	USD	FRPL
EUREX	Eurex	Equity	CM4I	Mapfre S.A FLEX	Fut	Electronic	0.2	EUR	FRPL				0.2	0.15	EUR	FRPL
EUREX	Eurex	Equity	CM5F	Comcast Corp FLEX	Fut	Electronic	0.3	USD	FRPL				0.3	0.2	USD	FRPL
EUREX	Eurex	Equity	CMAI	Mapfre S.A	Fut	Electronic	0.13	EUR	FRPL				0.13	0.15	EUR	FRPL
EUREX	Eurex	Equity	CMCF	Comcast Corp	Fut	Electronic	0.2	USD	FRPL				0.2	0.2	USD	FRPL
EUREX	Eurex	Equity	CMFF	Canadian Imperial Bank of Commerce	Fut	Electronic	0.2	USD	FRPL				0.2	0.2	USD	FRPL
EUREX	Eurex	Equity	CN4F	Centrica PLC FLEX	Fut	Electronic	0.15	GBP	FRPL				0.15	0.15	GBP	FRPL
EUREX	Eurex	Equity	CN4G	CNH Global N.V FLEX	Fut	Electronic	0.3	USD	FRPL				0.3	0.2	USD	FRPL
EUREX	Eurex	Equity	CN5F	Centrica PLC FLEX	Fut	Electronic	0.15	GBP	FRPL				0.15	0.15	GBP	FRPL
EUREX	Eurex	Equity	CN5G	CNH Global N.V FLEX	Fut	Electronic	0.3	USD	FRPL				0.3	0.2	USD	FRPL
EUREX	Eurex	Equity	CNAF	Centrica PLC	Fut	Electronic	0.1	GBP	FRPL				0.1	0.15	GBP	FRPL
EUREX	Eurex	Equity	CNE4	Cairn Energy PLC FLEX	Fut	Electronic	0.15	GBP	FRPL				0.15	0.15	GBP	FRPL
EUREX	Eurex	Equity	CNE5	Cairn Energy PLC FLEX	Fut	Electronic	0.15	GBP	FRPL				0.15	0.15	GBP	FRPL
EUREX	Eurex	Equity	CNEF	Cairn Energy PLC	Fut	Electronic	0.1	GBP	FRPL				0.1	0.15	GBP	FRPL
EUREX	Eurex	Equity	CNH5	CNH Global N.V FLEX	Fut	Electronic	0.3	USD	FRPL				0.3	0.2	USD	FRPL
EUREX	Eurex	Equity	CNHG	CNH Global N.V	Fut	Electronic	0.2	USD	FRPL				0.2	0.2	USD	FRPL
EUREX	Eurex	Equity	CNIF	Canadian National Railway Company	Fut	Electronic	0.2	USD	FRPL				0.2	0.2	USD	FRPL
EUREX	Eurex	Equity	CNQF	Canadian Natural Resources Ltd	Fut	Electronic	0.2	USD	FRPL				0.2	0.2	USD	FRPL
EUREX	Eurex	Equity	CO4F	ConocoPhillips FLEX	Fut	Electronic	0.3	USD	FRPL				0.3	0.2	USD	FRPL
EUREX	Eurex	Equity	CO4H	Continental AG FLEX	Fut	Electronic	0.2	EUR	FRPL				0.2	0.15	EUR	FRPL
EUREX	Eurex	Equity	CO5F	ConocoPhillips FLEX	Fut	Electronic	0.3	USD	FRPL				0.3	0.2	USD	FRPL
EUREX	Eurex	Equity	CO5H	Continental AG FLEX	Fut	Electronic	0.2	EUR	FRPL				0.2	0.15	EUR	FRPL
EUREX	Eurex	Equity	COB4	Cobham PLC FLEX	Fut	Electronic	0.15	GBP	FRPL				0.15	0.15	GBP	FRPL
EUREX	Eurex	Equity	COB5	Cobham PLC FLEX	Fut	Electronic	0.15	GBP	FRPL				0.15	0.15	GBP	FRPL
EUREX	Eurex	Equity	COBF	Cobham PLC	Fut	Electronic	0.1	GBP	FRPL				0.1	0.15	GBP	FRPL
EUREX	Eurex	Equity	COF4	Cofinimmo S.A FLEX	Fut	Electronic	0.2	EUR	FRPL				0.2	0.15	EUR	FRPL
EUREX	Eurex	Equity	COF5	Cofinimmo S.A FLEX	Fut	Electronic	0.2	EUR	FRPL				0.2	0.15	EUR	FRPL
EUREX	Eurex	Equity	COFF	Cofinimmo S.A	Fut	Electronic	0.13	EUR	FRPL				0.13	0.15	EUR	FRPL
EUREX	Eurex	Int Rate	CONF	CONF	Fut	Electronic	0.3	CHF	FRPL				0.3	0.2	CHF	FRPL
EUREX	Eurex	Equity	CONH	Continental AG	Fut	Electronic	0.13	EUR	FRPL				0.13	0.15	EUR	FRPL
EUREX	Eurex	Equity	COPF	ConocoPhillips	Fut	Electronic	0.2	USD	FRPL				0.2	0.2	USD	FRPL
EUREX	Eurex	Equity	CORF	conwert Immobilien Invest SE	Fut	Electronic	0.13	EUR	FRPL				0.13	0.15	EUR	FRPL
EUREX	Eurex	Equity	COS4	Costco Wholesale Corp FLEX	Fut	Electronic	0.3	USD	FRPL				0.3	0.2	USD	FRPL
EUREX	Eurex	Equity	COS5	Costco Wholesale Corp FLEX	Fut	Electronic	0.3	USD	FRPL				0.3	0.2	USD	FRPL
EUREX	Eurex	Equity	COSF	Costco Wholesale Corp	Fut	Electronic	0.2	USD	FRPL				0.2	0.2	USD	FRPL
EUREX	Eurex	Equity	COV4	Covidien Ltd FLEX	Fut	Electronic	0.3	USD	FRPL				0.3	0.2	USD	FRPL
EUREX	Eurex	Equity	COV5	Covidien Ltd FLEX	Fut	Electronic	0.3	USD	FRPL				0.3	0.2	USD	FRPL
EUREX	Eurex	Equity	COVF	Covidien Ltd	Fut	Electronic	0.2	USD	FRPL				0.2	0.2	USD	FRPL
EUREX	Eurex	Equity	CPG4	Compass Group PLC FLEX	Fut	Electronic	0.15	GBP	FRPL				0.15	0.15	GBP	FRPL
EUREX	Eurex	Equity	CPG5	Compass Group PLC FLEX	Fut	Electronic	0.15	GBP	FRPL				0.15	0.15	GBP	FRPL
EUREX	Eurex	Equity	CPGF	Compass Group PLC	Fut	Electronic	0.1	GBP	FRPL				0.1	0.15	GBP	FRPL
EUREX	Eurex	Equity	CPI4	Capita Group PLC FLEX	Fut	Electronic	0.15	GBP	FRPL				0.15	0.15	GBP	FRPL
EUREX	Eurex	Equity	CPI5	Capita Group PLC FLEX	Fut	Electronic	0.15	GBP	FRPL				0.15	0.15	GBP	FRPL
EUREX	Eurex	Equity	CPIF	Capita Group PLC	Fut	Electronic	0.1	GBP	FRPL				0.1	0.15	GBP	FRPL
EUREX	Eurex	Equity	CPL4	Cementos Portland Valderrivas FLEX	Fut	Electronic	0.2	EUR	FRPL				0.2	0.15	EUR	FRPL
EUREX	Eurex	Equity	CPLF	Cementos Portland Valderrivas	Fut	Electronic	0.13	EUR	FRPL				0.13	0.15	EUR	FRPL

Exch Code	Exch Desc	Comm Group	Prod Code	Product Desc	F/O	Platform	Trd Fee	Trd Fee Cur	Trd Fee Meth	Clr Fee	Clr Fee Cur	Clr Fee Meth	Fee Total	Brk Fee	Brk Fee Cur	Brk Fee Meth
EUREX	Eurex	Equity	CPW4	Carphone Warehouse Group PLC FLEX	Fut	Electronic	0.15	GBP	FRPL				0.15	0.15	GBP	FRPL
EUREX	Eurex	Equity	CPW5	Carphone Warehouse Group PLC FLEX	Fut	Electronic	0.15	GBP	FRPL				0.15	0.15	GBP	FRPL
EUREX	Eurex	Equity	CPWF	Carphone Warehouse Group PLC	Fut	Electronic	0.1	GBP	FRPL				0.1	0.15	GBP	FRPL
EUREX	Eurex	Equity	CR4G	CRH PLC FLEX	Fut	Electronic	0.2	EUR	FRPL				0.2	0.15	EUR	FRPL
EUREX	Eurex	Equity	CR5I	UniCredit S.p.A	Fut	Electronic	0.13	EUR	FRPL				0.13	0.15	EUR	FRPL
EUREX	Eurex	Equity	CRGG	CRH PLC	Fut	Electronic	0.13	EUR	FRPL				0.13	0.15	EUR	FRPL
EUREX	Eurex	Equity	CRTG	CaixaBank	Fut	Electronic	0.13	EUR	FRPL				0.13	0.15	EUR	FRPL
EUREX	Eurex	Equity	CS4F	Cisco Systems Inc FLEX	Fut	Electronic	0.3	USD	FRPL				0.3	0.2	USD	FRPL
EUREX	Eurex	Equity	CS4G	Credit Suisse Group AG FLEX	Fut	Electronic	0.3	CHF	FRPL				0.3	0.2	CHF	FRPL
EUREX	Eurex	Equity	CS4H	Credit Suisse Group AG FLEX	Fut	Electronic	0.3	CHF	FRPL				0.3	0.2	CHF	FRPL
EUREX	Eurex	Equity	CS5F	Cisco Systems Inc FLEX	Fut	Electronic	0.3	USD	FRPL				0.3	0.2	USD	FRPL
EUREX	Eurex	Equity	CS5G	Credit Suisse Group AG FLEX	Fut	Electronic	0.3	CHF	FRPL				0.3	0.2	CHF	FRPL
EUREX	Eurex	Equity	CS5H	Credit Suisse Group AG FLEX	Fut	Electronic	0.3	CHF	FRPL				0.3	0.2	CHF	FRPL
EUREX	Eurex	Equity	CSCF	Cisco Systems Inc	Fut	Electronic	0.2	USD	FRPL				0.2	0.2	USD	FRPL
EUREX	Eurex	Equity	CSF4	Thales S.A FLEX	Fut	Electronic	0.2	EUR	FRPL				0.2	0.15	EUR	FRPL
EUREX	Eurex	Equity	CSF5	Thales S.A FLEX	Fut	Electronic	0.2	EUR	FRPL				0.2	0.15	EUR	FRPL
EUREX	Eurex	Equity	CSFF	Thales S.A	Fut	Electronic	0.13	EUR	FRPL				0.13	0.15	EUR	FRPL
EUREX	Eurex	Equity	CSGG	Credit Suisse Group AG	Fut	Electronic	0.2	CHF	FRPL				0.2	0.2	CHF	FRPL
EUREX	Eurex	Equity	CSGH	Credit Suisse Group AG	Fut	Electronic	0.2	CHF	FRPL				0.2	0.2	CHF	FRPL
EUREX	Eurex	Equity	CSMG	CSM N.V	Fut	Electronic	0.13	EUR	FRPL				0.13	0.15	EUR	FRPL
EUREX	Eurex	Equity	CSVG	Corporacion Financiera Alba S.A	Fut	Electronic	0.13	EUR	FRPL				0.13	0.15	EUR	FRPL
EUREX	Eurex	Equity	CSX4	CSX Corp FLEX	Fut	Electronic	0.3	USD	FRPL				0.3	0.2	USD	FRPL
EUREX	Eurex	Equity	CSX5	CSX Corp FLEX	Fut	Electronic	0.3	USD	FRPL				0.3	0.2	USD	FRPL
EUREX	Eurex	Equity	CSXF	CSX Corp	Fut	Electronic	0.2	USD	FRPL				0.2	0.2	USD	FRPL
EUREX	Eurex	Equity	CV4F	Chevron Corp FLEX	Fut	Electronic	0.3	USD	FRPL				0.3	0.2	USD	FRPL
EUREX	Eurex	Equity	CV5F	Chevron Corp FLEX	Fut	Electronic	0.3	USD	FRPL				0.3	0.2	USD	FRPL
EUREX	Eurex	Equity	CVC4	Carnival Corp FLEX	Fut	Electronic	0.3	USD	FRPL				0.3	0.2	USD	FRPL
EUREX	Eurex	Equity	CVC5	Carnival Corp FLEX	Fut	Electronic	0.3	USD	FRPL				0.3	0.2	USD	FRPL
EUREX	Eurex	Equity	CVCF	Carnival Corp	Fut	Electronic	0.2	USD	FRPL				0.2	0.2	USD	FRPL
EUREX	Eurex	Equity	CVS4	CVS Caremark Corp FLEX	Fut	Electronic	0.3	USD	FRPL				0.3	0.2	USD	FRPL
EUREX	Eurex	Equity	CVS5	CSX Caremark Corp FLEX	Fut	Electronic	0.3	USD	FRPL				0.3	0.2	USD	FRPL
EUREX	Eurex	Equity	CVSF	CVS Caremark Corp	Fut	Electronic	0.2	USD	FRPL				0.2	0.2	USD	FRPL
EUREX	Eurex	Equity	CVXF	Chevron Corp	Fut	Electronic	0.2	USD	FRPL				0.2	0.2	USD	FRPL
EUREX	Eurex	Equity	CX4F	Cenovus Energy Inc FLEX	Fut	Electronic	0.3	USD	FRPL				0.3	0.2	USD	FRPL
EUREX	Eurex	Equity	CX5F	Cenovus Energy Inc FLEX	Fut	Electronic	0.3	USD	FRPL				0.3	0.2	USD	FRPL
EUREX	Eurex	Equity	CXDF	Cenovus Energy Inc	Fut	Electronic	0.2	USD	FRPL				0.2	0.2	USD	FRPL
EUREX	Eurex	Equity	CXYF	Nexen Inc	Fut	Electronic	0.2	USD	FRPL				0.2	0.2	USD	FRPL
EUREX	Eurex	Equity	D2AI	Daimler AG Dividend	Fut	Electronic	1.2	EUR	FRPL				1.2	0.15	EUR	FRPL
EUREX	Eurex	Equity	D2B1	Deutsche Borse AG Dividend	Fut	Electronic	1.2	EUR	FRPL				1.2	0.15	EUR	FRPL
EUREX	Eurex	Equity	D2BK	Deutsche Bank AG Dividend	Fut	Electronic	1.2	EUR	FRPL				1.2	0.15	EUR	FRPL
EUREX	Eurex	Equity	D2GE	Diageo PLC Dividend	Fut	Electronic	0.3	GBP	FRPL				0.3	0.15	GBP	FRPL
EUREX	Eurex	Equity	D2TE	Deutsche Telekom AG Dividend	Fut	Electronic	1.2	EUR	FRPL				1.2	0.15	EUR	FRPL
EUREX	Eurex	Equity	D3B1	Deutsche Borse AG Dividend	Fut	Electronic	1.2	EUR	FRPL				1.2	0.15	EUR	FRPL
EUREX	Eurex	Equity	D41H	Deutsche Borse AG FLEX	Fut	Electronic	0.2	EUR	FRPL				0.2	0.15	EUR	FRPL
EUREX	Eurex	Equity	D4EF	Duerr AG FLEX	Fut	Electronic	0.2	EUR	FRPL				0.2	0.15	EUR	FRPL
EUREX	Eurex	Equity	D4IF	Dieteren S.A FLEX	Fut	Electronic	0.2	EUR	FRPL				0.2	0.15	EUR	FRPL
EUREX	Eurex	Equity	D4LF	R. R. Donnelley & Sons Company FLEX	Fut	Electronic	0.3	USD	FRPL				0.3	0.2	USD	FRPL
EUREX	Eurex	Equity	D4MF	DE Master Blenders 1753 NV FLEX	Fut	Electronic	0.2	EUR	FRPL				0.2	0.15	EUR	FRPL
EUREX	Eurex	Equity	D4NF	Deutsche Wohnen AG FLEX	Fut	Electronic	0.2	EUR	FRPL				0.2	0.15	EUR	FRPL
EUREX	Eurex	Equity	D4OF	Delta Lloyd N.V FLEX	Fut	Electronic	0.2	EUR	FRPL				0.2	0.15	EUR	FRPL
EUREX	Eurex	Equity	D4WF	Draegerwerk AG FLEX	Fut	Electronic	0.2	EUR	FRPL				0.2	0.15	EUR	FRPL
EUREX	Eurex	Equity	D4ZF	Deutz AG FLEX	Fut	Electronic	0.2	EUR	FRPL				0.2	0.15	EUR	FRPL
EUREX	Eurex	Equity	D51H	Deutsche Borse AG FLEX	Fut	Electronic	0.2	EUR	FRPL				0.2	0.15	EUR	FRPL
EUREX	Eurex	Equity	D5EF	Duerr AG FLEX	Fut	Electronic	0.2	EUR	FRPL				0.2	0.15	EUR	FRPL
EUREX	Eurex	Equity	D5IF	Dieteren S.A FLEX	Fut	Electronic	0.2	EUR	FRPL				0.2	0.15	EUR	FRPL
EUREX	Eurex	Equity	D5LF	R. R. Donnelley & Sons Company FLEX	Fut	Electronic	0.3	USD	FRPL				0.3	0.2	USD	FRPL
EUREX	Eurex	Equity	D5MF	DE Master Blenders 1753 NV FLEX	Fut	Electronic	0.2	EUR	FRPL				0.2	0.15	EUR	FRPL
EUREX	Eurex	Equity	D5NF	Deutsche Wohnen AG FLEX	Fut	Electronic	0.2	EUR	FRPL				0.2	0.15	EUR	FRPL
EUREX	Eurex	Equity	D5OF	Delta Lloyd N.V FLEX	Fut	Electronic	0.2	EUR	FRPL				0.2	0.15	EUR	FRPL

Exch Code	Exch Desc	Comm Group	Prod Code	Product Desc	F/O	Platform	Trd Fee	Trd Fee Cur	Trd Fee Meth	Clr Fee	Clr Fee Cur	Clr Fee Meth	Fee Total	Brk Fee	Brk Fee Cur	Brk Fee Meth
EUREX	Eurex	Equity	D5WF	Draegerwerk AG FLEX	Fut	Electronic	0.2	EUR	FRPL				0.2	0.15	EUR	FRPL
EUREX	Eurex	Equity	D5ZF	Deutz AG FLEX	Fut	Electronic	0.2	EUR	FRPL				0.2	0.15	EUR	FRPL
EUREX	Eurex	Equity	D9F4	Drax Group PLC FLEX	Fut	Electronic	0.15	GBP	FRPL				0.15	0.15	GBP	FRPL
EUREX	Eurex	Equity	D9F5	Drax Group FLEX	Fut	Electronic	0.15	GBP	FRPL				0.15	0.15	GBP	FRPL
EUREX	Eurex	Equity	D9FF	Drax Group PLC	Fut	Electronic	0.1	GBP	FRPL				0.1	0.15	GBP	FRPL
EUREX	Eurex	Equity	DA4F	Daimler AG FLEX	Fut	Electronic	0.2	EUR	FRPL				0.2	0.15	EUR	FRPL
EUREX	Eurex	Equity	DA5F	Daimler AG FLEX	Fut	Electronic	0.2	EUR	FRPL				0.2	0.15	EUR	FRPL
EUREX	Eurex	Equity	DAIF	Daimler AG	Fut	Electronic	0.13	EUR	FRPL				0.13	0.15	EUR	FRPL
EUREX	Eurex	Equity	DB1H	Deutsche Borse AG	Fut	Electronic	0.13	EUR	FRPL				0.13	0.15	EUR	FRPL
EUREX	Eurex	Index	DB61	db x-trackers MSCI Emerging Markets TRN EFLEX	Opt	Electronic	0.4	EUR	FRPL				0.4	0.15	EUR	FRPL
EUREX	Eurex	Index	DB6A	db x-trackers MSCI Europe TRN EFLEX	Opt	Electronic	0.4	EUR	FRPL				0.4	0.15	EUR	FRPL
EUREX	Eurex	Index	DB6W	db x-trackers MSCI World TRN EFLEX	Opt	Electronic	0.4	EUR	FRPL				0.4	0.15	EUR	FRPL
EUREX	Eurex	Index	DB71	db x-trackers MSCI Emerging Markets TRN EFLEX	Opt	Electronic	0.4	EUR	FRPL				0.4	0.15	EUR	FRPL
EUREX	Eurex	Index	DB7A	db x-trackers MSCI Europe TRN EFLEX	Opt	Electronic	0.4	EUR	FRPL				0.4	0.15	EUR	FRPL
EUREX	Eurex	Index	DB7W	db x-trackers MSCI World TRN EFLEX	Opt	Electronic	0.4	EUR	FRPL				0.4	0.15	EUR	FRPL
EUREX	Eurex	Index	DB81	db x-trackers MSCI Emerging Markets TRN AFLEX	Opt	Electronic	0.4	EUR	FRPL				0.4	0.15	EUR	FRPL
EUREX	Eurex	Index	DB8A	db x-trackers MSCI Europe TRN AFLEX	Opt	Electronic	0.4	EUR	FRPL				0.4	0.15	EUR	FRPL
EUREX	Eurex	Index	DB8W	db x-trackers MSCI World TRN AFLEX	Opt	Electronic	0.4	EUR	FRPL				0.4	0.15	EUR	FRPL
EUREX	Eurex	Index	DB91	db x-trackers MSCI Emerging Markets TRN AFLEX	Opt	Electronic	0.4	EUR	FRPL				0.4	0.15	EUR	FRPL
EUREX	Eurex	Index	DB9A	db x-trackers MSCI Europe TRN AFLEX	Opt	Electronic	0.4	EUR	FRPL				0.4	0.15	EUR	FRPL
EUREX	Eurex	Index	DB9W	db x-trackers MSCI World TRN AFLEX	Opt	Electronic	0.4	EUR	FRPL				0.4	0.15	EUR	FRPL
EUREX	Eurex	Equity	DBK4	Deutsche Bank AG FLEX	Fut	Electronic	0.2	EUR	FRPL				0.2	0.15	EUR	FRPL
EUREX	Eurex	Equity	DBK5	Deutsche Bank AG FLEX	Fut	Electronic	0.2	EUR	FRPL				0.2	0.15	EUR	FRPL
EUREX	Eurex	Equity	DBKG	Deutsche Bank AG	Fut	Electronic	0.13	EUR	FRPL				0.13	0.15	EUR	FRPL
EUREX	Eurex	Index	DBX1	db x-trackers MSCI Emerging Markets TRN	Opt	Electronic	0.3	EUR	FRPL				0.3	0.15	EUR	FRPL
EUREX	Eurex	Index	DBXA	db x-trackers MSCI Europe TRN	Opt	Electronic	0.3	EUR	FRPL				0.3	0.15	EUR	FRPL
EUREX	Eurex	Index	DBXW	db x-trackers MSCI World TRN	Opt	Electronic	0.3	EUR	FRPL				0.3	0.15	EUR	FRPL
EUREX	Eurex	Equity	DC4G	JCDecaux S.A FLEX	Fut	Electronic	0.2	EUR	FRPL				0.2	0.15	EUR	FRPL
EUREX	Eurex	Equity	DC5G	JCDecaux S.A FLEX	Fut	Electronic	0.2	EUR	FRPL				0.2	0.15	EUR	FRPL
EUREX	Eurex	Equity	DCC4	DCC PLC FLEX	Fut	Electronic	0.2	EUR	FRPL				0.2	0.15	EUR	FRPL
EUREX	Eurex	Equity	DCCF	DCC PLC	Fut	Electronic	0.13	EUR	FRPL				0.13	0.15	EUR	FRPL
EUREX	Eurex	Equity	DCSG	JCDecaux S.A	Fut	Electronic	0.13	EUR	FRPL				0.13	0.15	EUR	FRPL
EUREX	Eurex	Equity	DD4F	Du Pont Nemours & Co FLEX	Fut	Electronic	0.3	USD	FRPL				0.3	0.2	USD	FRPL
EUREX	Eurex	Equity	DD5F	Du Pont Nemours & Co FLEX	Fut	Electronic	0.3	USD	FRPL				0.3	0.2	USD	FRPL
EUREX	Eurex	Equity	DDFF	Du Pont Nemours & Co	Fut	Electronic	0.2	USD	FRPL				0.2	0.2	USD	FRPL
EUREX	Eurex	Equity	DE4F	Deutsche EuroShop AG FLEX	Fut	Electronic	0.2	EUR	FRPL				0.2	0.15	EUR	FRPL
EUREX	Eurex	Equity	DE5F	Deutsche EuroShop AG FLEX	Fut	Electronic	0.2	EUR	FRPL				0.2	0.15	EUR	FRPL
EUREX	Eurex	Equity	DEF4	Deere & Co FLEX	Fut	Electronic	0.3	USD	FRPL				0.3	0.2	USD	FRPL
EUREX	Eurex	Equity	DEF5	Deere & Co FLEX	Fut	Electronic	0.3	USD	FRPL				0.3	0.2	USD	FRPL
EUREX	Eurex	Equity	DEFF	Deere & Co	Fut	Electronic	0.2	USD	FRPL				0.2	0.2	USD	FRPL
EUREX	Eurex	Equity	DEL4	Dell Inc FLEX	Fut	Electronic	0.3	USD	FRPL				0.3	0.2	USD	FRPL
EUREX	Eurex	Equity	DEL5	Dell Inc FLEX	Fut	Electronic	0.3	USD	FRPL				0.3	0.2	USD	FRPL
EUREX	Eurex	Equity	DELF	Dell Inc	Fut	Electronic	0.2	USD	FRPL				0.2	0.2	USD	FRPL
EUREX	Eurex	Equity	DEMF	DE Master Blenders 1753 NV	Fut	Electronic	0.13	EUR	FRPL				0.13	0.15	EUR	FRPL
EUREX	Eurex	Equity	DEQF	Deutsche EuroShop AG	Fut	Electronic	0.13	EUR	FRPL				0.13	0.15	EUR	FRPL
EUREX	Eurex	Equity	DEZF	Deutz AG	Fut	Electronic	0.13	EUR	FRPL				0.13	0.15	EUR	FRPL
EUREX	Eurex	Equity	DF4F	Dominion Resources Inc (New) FLEX	Fut	Electronic	0.3	USD	FRPL				0.3	0.2	USD	FRPL
EUREX	Eurex	Equity	DF5F	Dominion Resources Inc (New) FLEX	Fut	Electronic	0.3	USD	FRPL				0.3	0.2	USD	FRPL
EUREX	Eurex	Equity	DFFF	Dominion Resources Inc (New)	Fut	Electronic	0.2	USD	FRPL				0.2	0.2	USD	FRPL
EUREX	Eurex	Equity	DG4F	Diageo PLC FLEX	Fut	Electronic	0.15	GBP	FRPL				0.15	0.15	GBP	FRPL
EUREX	Eurex	Equity	DG5F	Diageo PLC FLEX	Fut	Electronic	0.15	GBP	FRPL				0.15	0.15	GBP	FRPL
EUREX	Eurex	Equity	DGEF	Diageo PLC	Fut	Electronic	0.1	GBP	FRPL				0.1	0.15	GBP	FRPL
EUREX	Eurex	Equity	DH4F	Delhaize Group S.A FLEX	Fut	Electronic	0.2	EUR	FRPL				0.2	0.15	EUR	FRPL
EUREX	Eurex	Equity	DH5F	Delhaize Group S.A FLEX	Fut	Electronic	0.2	EUR	FRPL				0.2	0.15	EUR	FRPL
EUREX	Eurex	Equity	DHR4	Danaher Corp FLEX	Fut	Electronic	0.3	USD	FRPL				0.3	0.2	USD	FRPL
EUREX	Eurex	Equity	DHR5	Danaher Corp FLEX	Fut	Electronic	0.3	USD	FRPL				0.3	0.2	USD	FRPL
EUREX	Eurex	Equity	DHRF	Danaher Corp	Fut	Electronic	0.2	USD	FRPL				0.2	0.2	USD	FRPL
EUREX	Eurex	Equity	DHZF	Delhaize Group S.A	Fut	Electronic	0.13	EUR	FRPL				0.13	0.15	EUR	FRPL
EUREX	Eurex	Equity	DI4F	The Walt Disney Co FLEX	Fut	Electronic	0.3	USD	FRPL				0.3	0.2	USD	FRPL

Exch Code	Exch Desc	Comm Group	Prod Code	Product Desc	F/O	Platform	Trd Fee	Trd Fee Cur	Trd Fee Meth	Clr Fee	Clr Fee Cur	Clr Fee Meth	Fee Total	Brk Fee	Brk Fee Cur	Brk Fee Meth
EUREX	Eurex	Equity	DI5F	The Walt Disney Co FLEX	Fut	Electronic	0.3	USD	FRPL				0.3	0.2	USD	FRPL
EUREX	Eurex	Equity	DIA4	Distribuidora Internacional de Alimentacion S.A. FLEX	Fut	Electronic	0.2	EUR	FRPL				0.2	0.15	EUR	FRPL
EUREX	Eurex	Equity	DIAF	Distribuidora Internacional de Alimentacion S.A.	Fut	Electronic	0.13	EUR	FRPL				0.13	0.15	EUR	FRPL
EUREX	Eurex	Equity	DIEF	Dieteren S.A	Fut	Electronic	0.13	EUR	FRPL				0.13	0.15	EUR	FRPL
EUREX	Eurex	Equity	DISF	The Walt Disney Co	Fut	Electronic	0.2	USD	FRPL				0.2	0.2	USD	FRPL
EUREX	Eurex	Equity	DL4F	Dialog Semiconductor plc FLEX	Fut	Electronic	0.2	EUR	FRPL				0.2	0.15	EUR	FRPL
EUREX	Eurex	Equity	DL5F	Dialog Semiconductor plc FLEX	Fut	Electronic	0.2	EUR	FRPL				0.2	0.15	EUR	FRPL
EUREX	Eurex	Equity	DLGF	Dialog Semiconductor plc	Fut	Electronic	0.13	EUR	FRPL				0.13	0.15	EUR	FRPL
EUREX	Eurex	Equity	DLLF	R. R. Donnelley & Sons Company	Fut	Electronic	0.2	USD	FRPL				0.2	0.2	USD	FRPL
EUREX	Eurex	Equity	DLOF	Delta Lloyd N.V	Fut	Electronic	0.13	EUR	FRPL				0.13	0.15	EUR	FRPL
EUREX	Eurex	Equity	DM4F	Daily Mail and General Trust PLC FLEX	Fut	Electronic	0.15	GBP	FRPL				0.15	0.15	GBP	FRPL
EUREX	Eurex	Equity	DM5F	Daily Mail and General Trust PLC FLEX	Fut	Electronic	0.15	GBP	FRPL				0.15	0.15	GBP	FRPL
EUREX	Eurex	Equity	DMGF	Daily Mail and General Trust PLC	Fut	Electronic	0.1	GBP	FRPL				0.1	0.15	GBP	FRPL
EUREX	Eurex	Equity	DP4F	Deutsche Post AG FLEX	Fut	Electronic	0.2	EUR	FRPL				0.2	0.15	EUR	FRPL
EUREX	Eurex	Equity	DP5F	Deutsche Post AG FLEX	Fut	Electronic	0.2	EUR	FRPL				0.2	0.15	EUR	FRPL
EUREX	Eurex	Equity	DPWF	Deutsche Post AG	Fut	Electronic	0.13	EUR	FRPL				0.13	0.15	EUR	FRPL
EUREX	Eurex	Equity	DR4F	Elan Corp PLC FLEX	Fut	Electronic	0.2	EUR	FRPL				0.2	0.15	EUR	FRPL
EUREX	Eurex	Equity	DRI4	Darden Restaurants Inc FLEX	Fut	Electronic	0.3	USD	FRPL				0.3	0.2	USD	FRPL
EUREX	Eurex	Equity	DRI5	Darden Restaurants Inc FLEX	Fut	Electronic	0.3	USD	FRPL				0.3	0.2	USD	FRPL
EUREX	Eurex	Equity	DRIF	Darden Restaurants Inc	Fut	Electronic	0.2	USD	FRPL				0.2	0.2	USD	FRPL
EUREX	Eurex	Equity	DRLF	Drillisch AG	Fut	Electronic	0.13	EUR	FRPL				0.13	0.15	EUR	FRPL
EUREX	Eurex	Equity	DRWF	Draegerwerk AG	Fut	Electronic	0.13	EUR	FRPL				0.13	0.15	EUR	FRPL
EUREX	Eurex	Equity	DRXF	Elan Corp PLC	Fut	Electronic	0.13	EUR	FRPL				0.13	0.15	EUR	FRPL
EUREX	Eurex	Equity	DS4F	Dassault Systemes S.A FLEX	Fut	Electronic	0.2	EUR	FRPL				0.2	0.15	EUR	FRPL
EUREX	Eurex	Equity	DS5F	Dassault Systemes S.A FLEX	Fut	Electronic	0.2	EUR	FRPL				0.2	0.15	EUR	FRPL
EUREX	Eurex	Equity	DSG4	Dixons Retail PLC FLEX	Fut	Electronic	0.15	GBP	FRPL				0.15	0.15	GBP	FRPL
EUREX	Eurex	Equity	DSG5	Dixons Retails PLC FLEX	Fut	Electronic	0.15	GBP	FRPL				0.15	0.15	GBP	FRPL
EUREX	Eurex	Equity	DSGF	Dixons Retail PLC	Fut	Electronic	0.1	GBP	FRPL				0.1	0.15	GBP	FRPL
EUREX	Eurex	Equity	DSM4	Koninklijke DSM N.V FLEX	Fut	Electronic	0.2	EUR	FRPL				0.2	0.15	EUR	FRPL
EUREX	Eurex	Equity	DSM5	Koninklijke DSM N.V FLEX	Fut	Electronic	0.2	EUR	FRPL				0.2	0.15	EUR	FRPL
EUREX	Eurex	Equity	DSMF	Koninklijke DSM N.V	Fut	Electronic	0.13	EUR	FRPL				0.13	0.15	EUR	FRPL
EUREX	Eurex	Equity	DSYF	Dassault Systemes S.A	Fut	Electronic	0.13	EUR	FRPL				0.13	0.15	EUR	FRPL
EUREX	Eurex	Equity	DT4F	Deutsche Telekom AG FLEX	Fut	Electronic	0.2	EUR	FRPL				0.2	0.15	EUR	FRPL
EUREX	Eurex	Equity	DT5F	Deutsche Telekom AG FLEX	Fut	Electronic	0.2	EUR	FRPL				0.2	0.15	EUR	FRPL
EUREX	Eurex	Equity	DTEF	Deutsche Telekom AG	Fut	Electronic	0.13	EUR	FRPL				0.13	0.15	EUR	FRPL
EUREX	Eurex	Equity	DTV4	The DIRECTV Group Inc FLEX	Fut	Electronic	0.3	USD	FRPL				0.3	0.2	USD	FRPL
EUREX	Eurex	Equity	DTV5	The DIRECTV Group Inc FLEX	Fut	Electronic	0.3	USD	FRPL				0.3	0.2	USD	FRPL
EUREX	Eurex	Equity	DTVF	The DIRECTV Group Inc	Fut	Electronic	0.2	USD	FRPL				0.2	0.2	USD	FRPL
EUREX	Eurex	Equity	DU4F	Duke Energy Corp (New) FLEX	Fut	Electronic	0.3	USD	FRPL				0.3	0.2	USD	FRPL
EUREX	Eurex	Equity	DU5F	Duke Energy Corp (New) FLEX	Fut	Electronic	0.3	USD	FRPL				0.3	0.2	USD	FRPL
EUREX	Eurex	Equity	DUEF	Duerr AG	Fut	Electronic	0.13	EUR	FRPL				0.13	0.15	EUR	FRPL
EUREX	Eurex	Equity	DUKF	Duke Energy Corp (New)	Fut	Electronic	0.2	USD	FRPL				0.2	0.2	USD	FRPL
EUREX	Eurex	Equity	DV4F	Devon Energy Corp (New) FLEX	Fut	Electronic	0.3	USD	FRPL				0.3	0.2	USD	FRPL
EUREX	Eurex	Equity	DV5F	Devon Energy Corp (New) FLEX	Fut	Electronic	0.3	USD	FRPL				0.3	0.2	USD	FRPL
EUREX	Eurex	Equity	DVF4	DeVry Inc FLEX	Fut	Electronic	0.3	USD	FRPL				0.3	0.2	USD	FRPL
EUREX	Eurex	Equity	DVF5	DeVry Inc FLEX	Fut	Electronic	0.3	USD	FRPL				0.3	0.2	USD	FRPL
EUREX	Eurex	Equity	DVFF	DeVry Inc	Fut	Electronic	0.2	USD	FRPL				0.2	0.2	USD	FRPL
EUREX	Eurex	Equity	DVNF	Devon Energy Corp (New)	Fut	Electronic	0.2	USD	FRPL				0.2	0.2	USD	FRPL
EUREX	Eurex	Equity	DW4F	Morgan Stanley FLEX	Fut	Electronic	0.3	USD	FRPL				0.3	0.2	USD	FRPL
EUREX	Eurex	Equity	DW5F	Morgan Stanley FLEX	Fut	Electronic	0.3	USD	FRPL				0.3	0.2	USD	FRPL
EUREX	Eurex	Equity	DWDF	Morgan Stanley	Fut	Electronic	0.2	USD	FRPL				0.2	0.2	USD	FRPL
EUREX	Eurex	Equity	DWNF	Deutsche Wohnen AG	Fut	Electronic	0.13	EUR	FRPL				0.13	0.15	EUR	FRPL
EUREX	Eurex	Equity	DX4F	Dexia S.A FLEX	Fut	Electronic	0.2	EUR	FRPL				0.2	0.15	EUR	FRPL
EUREX	Eurex	Equity	DX5F	Dexia S.A FLEX	Fut	Electronic	0.2	EUR	FRPL				0.2	0.15	EUR	FRPL
EUREX	Eurex	Equity	DXBF	Dexia S.A	Fut	Electronic	0.13	EUR	FRPL				0.13	0.15	EUR	FRPL
EUREX	Eurex	Equity	E24F	Electricite de France FLEX	Fut	Electronic	0.2	EUR	FRPL				0.2	0.15	EUR	FRPL
EUREX	Eurex	Equity	E25F	Electricite de France FLEX	Fut	Electronic	0.2	EUR	FRPL				0.2	0.15	EUR	FRPL
EUREX	Eurex	Equity	E2FF	Electricite de France	Fut	Electronic	0.13	EUR	FRPL				0.13	0.15	EUR	FRPL
EUREX	Eurex	Equity	E2NL	Enel S.p.A Dividend	Fut	Electronic	0.4	EUR	FRPL				0.4	0.15	EUR	FRPL

Exch Code	Exch Desc	Comm Group	Prod Code	Product Desc	F/O	Platform	Trd Fee	Trd Fee Cur	Trd Fee Meth	Clr Fee	Clr Fee Cur	Clr Fee Meth	Fee Total	Brk Fee	Brk Fee Cur	Brk Fee Meth
EUREX	Eurex	Equity	E2NT	Eni S.p.A Dividend	Fut	Electronic	0.4	EUR	FRPL				0.4	0.15	EUR	FRPL
EUREX	Eurex	Equity	E2OA	E.ON AG Dividend	Fut	Electronic	1.2	EUR	FRPL				1.2	0.15	EUR	FRPL
EUREX	Eurex	Equity	E2SL	Essilor International S.A Dividend	Fut	Electronic	1.2	EUR	FRPL				1.2	0.15	EUR	FRPL
EUREX	Eurex	Equity	E34F	Eutelsat Communications S.A FLEX	Fut	Electronic	0.2	EUR	FRPL				0.2	0.15	EUR	FRPL
EUREX	Eurex	Equity	E35F	Eutelsat Communications S.A FLEX	Fut	Electronic	0.2	EUR	FRPL				0.2	0.15	EUR	FRPL
EUREX	Eurex	Equity	E3BF	Eutelsat Communications S.A	Fut	Electronic	0.13	EUR	FRPL				0.13	0.15	EUR	FRPL
EUREX	Eurex	Equity	E43G	Eiffage S.A FLEX	Fut	Electronic	0.2	EUR	FRPL				0.2	0.15	EUR	FRPL
EUREX	Eurex	Equity	E4CF	Euromicron AG FLEX	Fut	Electronic	0.2	EUR	FRPL				0.2	0.15	EUR	FRPL
EUREX	Eurex	Equity	E4FF	Enerplus Corp FLEX	Fut	Electronic	0.3	USD	FRPL				0.3	0.2	USD	FRPL
EUREX	Eurex	Equity	E4NF	Enbridge Inc FLEX	Fut	Electronic	0.3	USD	FRPL				0.3	0.2	USD	FRPL
EUREX	Eurex	Equity	E4OF	Eldorado Gold Corporation FLEX	Fut	Electronic	0.3	USD	FRPL				0.3	0.2	USD	FRPL
EUREX	Eurex	Equity	E4TF	Evotec AG FLEX	Fut	Electronic	0.2	EUR	FRPL				0.2	0.15	EUR	FRPL
EUREX	Eurex	Equity	E4TG	Eni S.p.A FLEX	Fut	Electronic	0.2	EUR	FRPL				0.2	0.15	EUR	FRPL
EUREX	Eurex	Equity	E53G	Eiffage S.A FLEX	Fut	Electronic	0.2	EUR	FRPL				0.2	0.15	EUR	FRPL
EUREX	Eurex	Equity	E5CF	Euromicron AG FLEX	Fut	Electronic	0.2	EUR	FRPL				0.2	0.15	EUR	FRPL
EUREX	Eurex	Equity	E5FF	Enerplus Corp FLEX	Fut	Electronic	0.3	USD	FRPL				0.3	0.2	USD	FRPL
EUREX	Eurex	Equity	E5NG	Enbridge Inc FLEX	Fut	Electronic	0.3	USD	FRPL				0.3	0.2	USD	FRPL
EUREX	Eurex	Equity	E5OF	Eldorado Gold Corporation FLEX	Fut	Electronic	0.3	USD	FRPL				0.3	0.2	USD	FRPL
EUREX	Eurex	Equity	E5TF	Evotec AG FLEX	Fut	Electronic	0.2	EUR	FRPL				0.2	0.15	EUR	FRPL
EUREX	Eurex	Equity	E5TG	Eni S.p.A FLEX	Fut	Electronic	0.2	EUR	FRPL				0.2	0.15	EUR	FRPL
EUREX	Eurex	Equity	EA4F	Groupe Bruxelles Lambert S.A FLEX	Fut	Electronic	0.2	EUR	FRPL				0.2	0.15	EUR	FRPL
EUREX	Eurex	Equity	EA4G	A2A S.p.A FLEX	Fut	Electronic	0.2	EUR	FRPL				0.2	0.15	EUR	FRPL
EUREX	Eurex	Equity	EA5F	Groupe Bruxelles Lambert S.A FLEX	Fut	Electronic	0.2	EUR	FRPL				0.2	0.15	EUR	FRPL
EUREX	Eurex	Equity	EA5G	A2A S.p.A FLEX	Fut	Electronic	0.2	EUR	FRPL				0.2	0.15	EUR	FRPL
EUREX	Eurex	Equity	EAD4	EADS N.V FLEX	Fut	Electronic	0.2	EUR	FRPL				0.2	0.15	EUR	FRPL
EUREX	Eurex	Equity	EAD5	EADS N.V FLEX	Fut	Electronic	0.2	EUR	FRPL				0.2	0.15	EUR	FRPL
EUREX	Eurex	Equity	EADF	EADS N.V	Fut	Electronic	0.13	EUR	FRPL				0.13	0.15	EUR	FRPL
EUREX	Eurex	Equity	EAIF	Groupe Bruxelles Lambert S.A	Fut	Electronic	0.13	EUR	FRPL				0.13	0.15	EUR	FRPL
EUREX	Eurex	Equity	EAMG	A2A S.p.A	Fut	Electronic	0.13	EUR	FRPL				0.13	0.15	EUR	FRPL
EUREX	Eurex	Equity	EB4F	Erste Group Bank AG FLEX	Fut	Electronic	0.2	EUR	FRPL				0.2	0.15	EUR	FRPL
EUREX	Eurex	Equity	EB5F	Erste Group Bank AG FLEX	Fut	Electronic	0.2	EUR	FRPL				0.2	0.15	EUR	FRPL
EUREX	Eurex	Equity	EBA4	eBay Inc FLEX	Fut	Electronic	0.3	USD	FRPL				0.3	0.2	USD	FRPL
EUREX	Eurex	Equity	EBA5	eBay Inc FLEX	Fut	Electronic	0.3	USD	FRPL				0.3	0.2	USD	FRPL
EUREX	Eurex	Equity	EBAF	eBay Inc	Fut	Electronic	0.2	USD	FRPL				0.2	0.2	USD	FRPL
EUREX	Eurex	Equity	EBOF	Erste Group Bank AG	Fut	Electronic	0.13	EUR	FRPL				0.13	0.15	EUR	FRPL
EUREX	Eurex	Equity	ED4F	Energias de Portugal S.A FLEX	Fut	Electronic	0.2	EUR	FRPL				0.2	0.15	EUR	FRPL
EUREX	Eurex	Equity	EDPF	Energias de Portugal S.A	Fut	Electronic	0.13	EUR	FRPL				0.13	0.15	EUR	FRPL
EUREX	Eurex	Equity	EF3G	Eiffage S.A	Fut	Electronic	0.13	EUR	FRPL				0.13	0.15	EUR	FRPL
EUREX	Eurex	Equity	EF4G	Colruyt S.A FLEX	Fut	Electronic	0.2	EUR	FRPL				0.2	0.15	EUR	FRPL
EUREX	Eurex	Equity	EF5G	Colruyt S.A FLEX	Fut	Electronic	0.2	EUR	FRPL				0.2	0.15	EUR	FRPL
EUREX	Eurex	Equity	EFCG	Colruyt S.A	Fut	Electronic	0.13	EUR	FRPL				0.13	0.15	EUR	FRPL
EUREX	Eurex	Equity	EFX4	Essilor International S.A FLEX	Fut	Electronic	0.2	EUR	FRPL				0.2	0.15	EUR	FRPL
EUREX	Eurex	Equity	EFX5	Essilor International S.A FLEX	Fut	Electronic	0.2	EUR	FRPL				0.2	0.15	EUR	FRPL
EUREX	Eurex	Equity	EFXF	Essilor International S.A	Fut	Electronic	0.13	EUR	FRPL				0.13	0.15	EUR	FRPL
EUREX	Eurex	Equity	EG44	Enagas S.A FLEX	Fut	Electronic	0.2	EUR	FRPL				0.2	0.15	EUR	FRPL
EUREX	Eurex	Equity	EG4F	Enagas S.A	Fut	Electronic	0.13	EUR	FRPL				0.13	0.15	EUR	FRPL
EUREX	Eurex	Equity	EI4G	Elisa Corporation FLEX	Fut	Electronic	0.2	EUR	FRPL				0.2	0.15	EUR	FRPL
EUREX	Eurex	Equity	EI5G	Elisa Corporation FLEX	Fut	Electronic	0.2	EUR	FRPL				0.2	0.15	EUR	FRPL
EUREX	Eurex	Equity	EIAG	Elisa Corporation	Fut	Electronic	0.13	EUR	FRPL				0.13	0.15	EUR	FRPL
EUREX	Eurex	Equity	EL4F	Euler Hermes S.A FLEX	Fut	Electronic	0.2	EUR	FRPL				0.2	0.15	EUR	FRPL
EUREX	Eurex	Equity	EL4G	Reed Elsevier N.V FLEX	Fut	Electronic	0.2	EUR	FRPL				0.2	0.15	EUR	FRPL
EUREX	Eurex	Equity	EL5F	Euler Hermes S.A FLEX	Fut	Electronic	0.2	EUR	FRPL				0.2	0.15	EUR	FRPL
EUREX	Eurex	Equity	EL5G	Reed Elsevier N.V FLEX	Fut	Electronic	0.2	EUR	FRPL				0.2	0.15	EUR	FRPL
EUREX	Eurex	Equity	ELEF	Euler Hermes S.A	Fut	Electronic	0.13	EUR	FRPL				0.13	0.15	EUR	FRPL
EUREX	Eurex	Equity	ELOF	Eldorado Gold Corporation	Fut	Electronic	0.2	USD	FRPL				0.2	0.2	USD	FRPL
EUREX	Eurex	Equity	ELVG	Reed Elsevier N.V	Fut	Electronic	0.13	EUR	FRPL				0.13	0.15	EUR	FRPL
EUREX	Eurex	Equity	EM4F	EMS Chemie HLDG FLEX	Fut	Electronic	0.3	CHF	FRPL				0.3	0.2	CHF	FRPL
EUREX	Eurex	Equity	EM4G	MAN Group PLC FLEX	Fut	Electronic	0.15	GBP	FRPL				0.15	0.15	GBP	FRPL
EUREX	Eurex	Equity	EM5F	EMS Chemie HLDG FLEX	Fut	Electronic	0.3	CHF	FRPL				0.3	0.2	CHF	FRPL

Exch Code	Exch Desc	Comm Group	Prod Code	Product Desc	F/O	Platform	Trd Fee	Trd Fee Cur	Trd Fee Meth	Clr Fee	Clr Fee Cur	Clr Fee Meth	Fee Total	Brk Fee	Brk Fee Cur	Brk Fee Meth
EUREX	Eurex	Equity	EM5G	MAN Group PLC FLEX	Fut	Electronic	0.15	GBP	FRPL				0.15	0.15	GBP	FRPL
EUREX	Eurex	Equity	EMC4	EMC Corp/Massachusetts FLEX	Fut	Electronic	0.3	USD	FRPL				0.3	0.2	USD	FRPL
EUREX	Eurex	Equity	EMC5	EMC Corp/Massachusetts FLEX	Fut	Electronic	0.3	USD	FRPL				0.3	0.2	USD	FRPL
EUREX	Eurex	Equity	EMCF	EMC Corp/Massachusetts	Fut	Electronic	0.2	USD	FRPL				0.2	0.2	USD	FRPL
EUREX	Eurex	Equity	EMGG	MAN Group PLC	Fut	Electronic	0.1	GBP	FRPL				0.1	0.15	GBP	FRPL
EUREX	Eurex	Equity	EMR4	Emerson Electric Co FLEX	Fut	Electronic	0.3	USD	FRPL				0.3	0.2	USD	FRPL
EUREX	Eurex	Equity	EMR5	Emerson Electric Co FLEX	Fut	Electronic	0.3	USD	FRPL				0.3	0.2	USD	FRPL
EUREX	Eurex	Equity	EMRF	Emerson Electric Co	Fut	Electronic	0.2	USD	FRPL				0.2	0.2	USD	FRPL
EUREX	Eurex	Equity	EMSF	EMS Chemie HLDG	Fut	Electronic	0.2	CHF	FRPL				0.2	0.2	CHF	FRPL
EUREX	Eurex	Equity	EN3F	Enbridge Inc	Fut	Electronic	0.2	USD	FRPL				0.2	0.2	USD	FRPL
EUREX	Eurex	Equity	EN4F	Stora Enso Ojy FLEX	Fut	Electronic	0.2	EUR	FRPL				0.2	0.15	EUR	FRPL
EUREX	Eurex	Equity	EN4G	Enel S.p.A FLEX	Fut	Electronic	0.2	EUR	FRPL				0.2	0.15	EUR	FRPL
EUREX	Eurex	Equity	EN5F	Stora Enso Ojy FLEX	Fut	Electronic	0.2	EUR	FRPL				0.2	0.15	EUR	FRPL
EUREX	Eurex	Equity	EN5G	Enel S.p.A FLEX	Fut	Electronic	0.2	EUR	FRPL				0.2	0.15	EUR	FRPL
EUREX	Eurex	Equity	ENLG	Enel S.p.A	Fut	Electronic	0.13	EUR	FRPL				0.13	0.15	EUR	FRPL
EUREX	Eurex	Equity	ENR4	Eurasian Natural Resources Corp FLEX	Fut	Electronic	0.15	GBP	FRPL				0.15	0.15	GBP	FRPL
EUREX	Eurex	Equity	ENR5	Eurasion Natural Resources Corp FLEX	Fut	Electronic	0.15	GBP	FRPL				0.15	0.15	GBP	FRPL
EUREX	Eurex	Equity	ENRF	Eurasian Natural Resources Corp	Fut	Electronic	0.1	GBP	FRPL				0.1	0.15	GBP	FRPL
EUREX	Eurex	Equity	ENTG	Eni S.p.A	Fut	Electronic	0.13	EUR	FRPL				0.13	0.15	EUR	FRPL
EUREX	Eurex	Equity	ENUF	Stora Enso Ojy	Fut	Electronic	0.13	EUR	FRPL				0.13	0.15	EUR	FRPL
EUREX	Eurex	Equity	EO4F	EOG Resources Inc FLEX	Fut	Electronic	0.3	USD	FRPL				0.3	0.2	USD	FRPL
EUREX	Eurex	Equity	EO4H	E.ON AG FLEX	Fut	Electronic	0.2	EUR	FRPL				0.2	0.15	EUR	FRPL
EUREX	Eurex	Equity	EO5F	EOG Resources FLEX	Fut	Electronic	0.3	USD	FRPL				0.3	0.2	USD	FRPL
EUREX	Eurex	Equity	EO5H	E.ON AG FLEX	Fut	Electronic	0.2	EUR	FRPL				0.2	0.15	EUR	FRPL
EUREX	Eurex	Equity	EOAH	E.ON AG	Fut	Electronic	0.13	EUR	FRPL				0.13	0.15	EUR	FRPL
EUREX	Eurex	Equity	EOGF	EOG Resources Inc	Fut	Electronic	0.2	USD	FRPL				0.2	0.2	USD	FRPL
EUREX	Eurex	Equity	ER4F	Embraer SA FLEX	Fut	Electronic	0.3	USD	FRPL				0.3	0.2	USD	FRPL
EUREX	Eurex	Equity	ER4G	Ericsson FLEX	Fut	Electronic	0.2	EUR	FRPL				0.2	0.15	EUR	FRPL
EUREX	Eurex	Equity	ER5F	Embraer SA FLEX	Fut	Electronic	0.3	USD	FRPL				0.3	0.2	USD	FRPL
EUREX	Eurex	Equity	ER94	ERG SPA FLEX	Fut	Electronic	0.2	EUR	FRPL				0.2	0.15	EUR	FRPL
EUREX	Eurex	Equity	ER95	ERG SPA FLEX	Fut	Electronic	0.2	EUR	FRPL				0.2	0.15	EUR	FRPL
EUREX	Eurex	Equity	ER9F	ERG SPA	Fut	Electronic	0.13	EUR	FRPL				0.13	0.15	EUR	FRPL
EUREX	Eurex	Equity	ERA4	Eramet S.A FLEX	Fut	Electronic	0.2	EUR	FRPL				0.2	0.15	EUR	FRPL
EUREX	Eurex	Equity	ERAF	Eramet S.A	Fut	Electronic	0.13	EUR	FRPL				0.13	0.15	EUR	FRPL
EUREX	Eurex	Equity	ERCG	Ericsson	Fut	Electronic	0.13	EUR	FRPL				0.13	0.15	EUR	FRPL
EUREX	Eurex	Equity	ERFF	Enerplus Corp	Fut	Electronic	0.2	USD	FRPL				0.2	0.2	USD	FRPL
EUREX	Eurex	Equity	ERJF	Embraer SA	Fut	Electronic	0.2	USD	FRPL				0.2	0.2	USD	FRPL
EUREX	Eurex	Equity	ESI4	ITT Educational Services Inc FLEX	Fut	Electronic	0.3	USD	FRPL				0.3	0.2	USD	FRPL
EUREX	Eurex	Equity	ESIF	ITT Educational Services Inc	Fut	Electronic	0.2	USD	FRPL				0.2	0.2	USD	FRPL
EUREX	Eurex	Equity	ESR4	Express Scripts Holding Company FLEX	Fut	Electronic	0.3	USD	FRPL				0.3	0.2	USD	FRPL
EUREX	Eurex	Equity	ESRF	Express Scripts Holding Company	Fut	Electronic	0.2	USD	FRPL				0.2	0.2	USD	FRPL
EUREX	Eurex	Equity	ET4F	Maurel & Prom S.A FLEX	Fut	Electronic	0.2	EUR	FRPL				0.2	0.15	EUR	FRPL
EUREX	Eurex	Equity	ET5F	Maurel & Prom S.A FLEX	Fut	Electronic	0.2	EUR	FRPL				0.2	0.15	EUR	FRPL
EUREX	Eurex	Equity	ETI4	Enterprise Inns PLC FLEX	Fut	Electronic	0.15	GBP	FRPL				0.15	0.15	GBP	FRPL
EUREX	Eurex	Equity	ETI5	Enterprise Inns PLC FLEX	Fut	Electronic	0.15	GBP	FRPL				0.15	0.15	GBP	FRPL
EUREX	Eurex	Equity	ETIF	Enterprise Inns PLC	Fut	Electronic	0.1	GBP	FRPL				0.1	0.15	GBP	FRPL
EUREX	Eurex	Equity	ETXF	Maurel & Prom S.A	Fut	Electronic	0.13	EUR	FRPL				0.13	0.15	EUR	FRPL
EUREX	Eurex	Index	EU4F	iShares EURO STOXX 50 FLEX	Fut	Electronic	0.4	EUR	FRPL				0.4	0.15	EUR	FRPL
EUREX	Eurex	Index	EU5F	iShares EURO STOXX 50 FLEX	Fut	Electronic	0.4	EUR	FRPL				0.4	0.15	EUR	FRPL
EUREX	Eurex	Equity	EUCF	Euromicron AG	Fut	Electronic	0.13	EUR	FRPL				0.13	0.15	EUR	FRPL
EUREX	Eurex	Index	EUN2	iShares EURO STOXX 50	Opt	Electronic	0.3	EUR	FRPL				0.3	0.15	EUR	FRPL
EUREX	Eurex	Index	EUN6	iShares EURO STOXX 50 EFLEX	Opt	Electronic	0.4	EUR	FRPL				0.4	0.15	EUR	FRPL
EUREX	Eurex	Index	EUN7	iShares EURO STOXX 50 EFLEX	Opt	Electronic	0.4	EUR	FRPL				0.4	0.15	EUR	FRPL
EUREX	Eurex	Index	EUN8	iShares EURO STOXX 50 AFLEX	Opt	Electronic	0.4	EUR	FRPL				0.4	0.15	EUR	FRPL
EUREX	Eurex	Index	EUN9	iShares EURO STOXX 50 AFLEX	Opt	Electronic	0.4	EUR	FRPL				0.4	0.15	EUR	FRPL
EUREX	Eurex	Index	EUNF	iShares EURO STOXX 50	Fut	Electronic	0.3	EUR	FRPL				0.3	0.15	EUR	FRPL
EUREX	Eurex	Equity	EV4F	EVN FLEX	Fut	Electronic	0.2	EUR	FRPL				0.2	0.15	EUR	FRPL
EUREX	Eurex	Equity	EV5F	EVN FLEX	Fut	Electronic	0.2	EUR	FRPL				0.2	0.15	EUR	FRPL
EUREX	Eurex	Equity	EVNF	EVN	Fut	Electronic	0.13	EUR	FRPL				0.13	0.15	EUR	FRPL

Exch Code	Exch Desc	Comm Group	Prod Code	Product Desc	F/O	Platform	Trd Fee	Trd Fee Cur	Trd Fee Meth	Clr Fee	Clr Fee Cur	Clr Fee Meth	Fee Total	Brk Fee	Brk Fee Cur	Brk Fee Meth
EUREX	Eurex	Equity	EVTF	Evotec AG	Fut	Electronic	0.13	EUR	FRPL				0.13	0.15	EUR	FRPL
EUREX	Eurex	Equity	EX4F	Exelon Corp FLEX	Fut	Electronic	0.3	USD	FRPL				0.3	0.2	USD	FRPL
EUREX	Eurex	Equity	EXCF	Exelon Corp	Fut	Electronic	0.2	USD	FRPL				0.2	0.2	USD	FRPL
EUREX	Eurex	Equity	EXP4	Experian Group PLC FLEX	Fut	Electronic	0.15	GBP	FRPL				0.15	0.15	GBP	FRPL
EUREX	Eurex	Equity	EXP5	Experian Group PLC FLEX	Fut	Electronic	0.15	GBP	FRPL				0.15	0.15	GBP	FRPL
EUREX	Eurex	Equity	EXPF	Experian Group PLC	Fut	Electronic	0.1	GBP	FRPL				0.1	0.15	GBP	FRPL
EUREX	Eurex	Index	EXS1	iShares DAX	Opt	Electronic	0.3	EUR	FRPL				0.3	0.15	EUR	FRPL
EUREX	Eurex	Index	EXS4	iShares DAX FLEX	Fut	Electronic	0.4	EUR	FRPL				0.4	0.15	EUR	FRPL
EUREX	Eurex	Index	EXS5	iShares DAX FLEX	Fut	Electronic	0.4	EUR	FRPL				0.4	0.15	EUR	FRPL
EUREX	Eurex	Index	EXS6	iShares DAX EFLEX	Opt	Electronic	0.4	EUR	FRPL				0.4	0.15	EUR	FRPL
EUREX	Eurex	Index	EXS7	iShares DAX EFLEX	Opt	Electronic	0.4	EUR	FRPL				0.4	0.15	EUR	FRPL
EUREX	Eurex	Index	EXS8	iShares DAX AFLEX	Opt	Electronic	0.4	EUR	FRPL				0.4	0.15	EUR	FRPL
EUREX	Eurex	Index	EXS9	iShares DAX AFLEX	Opt	Electronic	0.4	EUR	FRPL				0.4	0.15	EUR	FRPL
EUREX	Eurex	Index	EXSF	iShares DAX	Fut	Electronic	0.3	EUR	FRPL				0.3	0.15	EUR	FRPL
EUREX	Eurex	Equity	F1TE	France Telecom SA Dividend	Fut	Electronic	0.4	EUR	FRPL				0.4	0.15	EUR	FRPL
EUREX	Eurex	Index	F24X	MDAX FLEX	Fut	Electronic	0.45	EUR	FRPL				0.45	0.15	EUR	FRPL
EUREX	Eurex	Index	F2MX	MDAX	Fut	Electronic	0.3	EUR	FRPL				0.3	0.15	EUR	FRPL
EUREX	Eurex	Equity	F2TE	France Telecom SA Dividend	Fut	Electronic	1.2	EUR	FRPL				1.2	0.15	EUR	FRPL
EUREX	Eurex	Index	F440	Dow Jones Global Titans 50 Index FLEX	Fut	Electronic	0.75	USD	FRPL				0.75	0.2	USD	FRPL
EUREX	Eurex	Equity	F4AG	Fraport AG FLEX	Fut	Electronic	0.2	EUR	FRPL				0.2	0.15	EUR	FRPL
EUREX	Eurex	Index	F4EN	SENSEX Index FLEX	Fut	Electronic	0.3	USD	FRPL				0.3	0.2	USD	FRPL
EUREX	Eurex	Index	F4LI	Dow Jones UBS Livestock Sub-Index FLEX	Fut	Electronic	1.5	USD	FRPL				1.5	0.2	USD	FRPL
EUREX	Eurex	Index	F4PR	Dow Jones UBS Precious Metals Sub-Index FLEX	Fut	Electronic	1.5	USD	FRPL				1.5	0.2	USD	FRPL
EUREX	Eurex	Equity	F4RF	Frontier Communication Corp FLEX	Fut	Electronic	0.3	USD	FRPL				0.3	0.2	USD	FRPL
EUREX	Eurex	Index	F4SO	Dow Jones UBS Softs Sub-Index FLEX	Fut	Electronic	1.5	USD	FRPL				1.5	0.2	USD	FRPL
EUREX	Eurex	Equity	F4VF	Franco-Nevada Corporation FLEX	Fut	Electronic	0.3	USD	FRPL				0.3	0.2	USD	FRPL
EUREX	Eurex	Index	F4XE	Dow Jones UBS Ex Energy Sub-Index FLEX	Fut	Electronic	1.5	USD	FRPL				1.5	0.2	USD	FRPL
EUREX	Eurex	Index	F4XF	EURO STOXX ex Financials Index FLEX	Fut	Electronic	0.45	EUR	FRPL				0.45	0.15	EUR	FRPL
EUREX	Eurex	Equity	F4XG	Freeport McMoRan Copper & Gold Inc FLEX	Fut	Electronic	0.3	USD	FRPL				0.3	0.2	USD	FRPL
EUREX	Eurex	Equity	F5AG	Fraport AG FLEX	Fut	Electronic	0.2	EUR	FRPL				0.2	0.15	EUR	FRPL
EUREX	Eurex	Index	F5XF	EURO STOXX ex Financials Index FLEX	Fut	Electronic	0.45	EUR	FRPL				0.45	0.15	EUR	FRPL
EUREX	Eurex	Equity	FA4F	Faurecia S.A FLEX	Fut	Electronic	0.2	EUR	FRPL				0.2	0.15	EUR	FRPL
EUREX	Eurex	Equity	FA5F	Faurecia S.A FLEX	Fut	Electronic	0.2	EUR	FRPL				0.2	0.15	EUR	FRPL
EUREX	Eurex	Equity	FAUF	Faurecia S.A	Fut	Electronic	0.13	EUR	FRPL				0.13	0.15	EUR	FRPL
EUREX	Eurex	Equity	FB4F	Facebook Inc FLEX	Fut	Electronic	0.3	USD	FRPL				0.3	0.2	USD	FRPL
EUREX	Eurex	Equity	FBF	Facebook Inc	Fut	Electronic	0.2	USD	FRPL				0.2	0.2	USD	FRPL
EUREX	Eurex	Int Rate	FBTM	Mid Term Euro-BTP	Fut	Electronic	0.2	EUR	FRPL				0.2	0.15	EUR	FRPL
EUREX	Eurex	Int Rate	FBTP	Euro-BTP	Fut	Electronic	0.2	EUR	FRPL				0.2	0.15	EUR	FRPL
EUREX	Eurex	Int Rate	FBTS	Short-Term Euro-BTP	Fut	Electronic	0.2	EUR	FRPL				0.2	0.15	EUR	FRPL
EUREX	Eurex	Agri	FBUT	Butter Index	Fut	Electronic	1.5	EUR	FRPL				1.5	0.15	EUR	FRPL
EUREX	Eurex	Index	FC4E	Dow Jones UBS Petroleum Sub-Index FLEX	Fut	Electronic	1.5	USD	FRPL				1.5	0.2	USD	FRPL
EUREX	Eurex	Index	FC4G	Dow Jones UBS Agriculture Sub-Index FLEX	Fut	Electronic	1.5	USD	FRPL				1.5	0.2	USD	FRPL
EUREX	Eurex	Index	FC4I	Dow Jones UBS Industrial Metals Sub-Index FLEX	Fut	Electronic	1.5	USD	FRPL				1.5	0.2	USD	FRPL
EUREX	Eurex	Index	FC4N	Dow Jones UBS Energy Sub-Index FLEX	Fut	Electronic	1.5	USD	FRPL				1.5	0.2	USD	FRPL
EUREX	Eurex	Index	FC4O	Dow Jones UBS Commodity Index FLEX	Fut	Electronic	1.5	USD	FRPL				1.5	0.2	USD	FRPL
EUREX	Eurex	Index	FC4R	Dow Jones UBS Grains Sub-Index FLEX	Fut	Electronic	1.5	USD	FRPL				1.5	0.2	USD	FRPL
EUREX	Eurex	Index	FC4U	ETFS Crude Oil FLEX	Fut	Electronic	0.75	USD	FRPL				0.75	0.2	USD	FRPL
EUREX	Eurex	Index	FC5U	ETFS Crude Oil FLEX	Fut	Electronic	0.75	USD	FRPL				0.75	0.2	USD	FRPL
EUREX	Eurex	Index	FCAG	Dow Jones UBS Agriculture Sub-Index	Fut	Electronic	1	USD	FRPL				1	0.2	USD	FRPL
EUREX	Eurex	Equity	FCC4	FCC Fomento de Constucciones y Contratas S.A FLEX	Fut	Electronic	0.2	EUR	FRPL				0.2	0.15	EUR	FRPL
EUREX	Eurex	Equity	FCCG	FCC Fomento de Constucciones y Contratas S.A	Fut	Electronic	0.13	EUR	FRPL				0.13	0.15	EUR	FRPL
EUREX	Eurex	Index	FCCO	Dow Jones UBS Commodity Index	Fut	Electronic	1	USD	FRPL				1	0.2	USD	FRPL
EUREX	Eurex	Index	FCEN	Dow Jones UBS Energy Sub-Index	Fut	Electronic	1	USD	FRPL				1	0.2	USD	FRPL
EUREX	Eurex	Index	FCGR	Dow Jones UBS Grains Sub-Index	Fut	Electronic	1	USD	FRPL				1	0.2	USD	FRPL
EUREX	Eurex	Index	FCIN	Dow Jones UBS Industrial Metals Sub-Index	Fut	Electronic	1	USD	FRPL				1	0.2	USD	FRPL
EUREX	Eurex	Index	FCLI	Dow Jones UBS Livestock Sub-Index	Fut	Electronic	1	USD	FRPL				1	0.2	USD	FRPL
EUREX	Eurex	Index	FCPE	Dow Jones UBS Petroleum Sub-Index	Fut	Electronic	1	USD	FRPL				1	0.2	USD	FRPL
EUREX	Eurex	Index	FCPR	Dow Jones UBS Precious Metals Sub-Index	Fut	Electronic	1	USD	FRPL				1	0.2	USD	FRPL
EUREX	Eurex	Index	FCRU	ETFS Crude Oil	Fut	Electronic	0.5	USD	FRPL				0.5	0.2	USD	FRPL

Exch Code	Exch Desc	Comm Group	Prod Code	Product Desc	F/O	Platform	Trd Fee	Trd Fee Cur	Trd Fee Meth	Clr Fee	Clr Fee Cur	Clr Fee Meth	Fee Total	Brk Fee	Brk Fee Cur	Brk Fee Meth
EUREX	Eurex	Index	FCSO	Dow Jones UBS Softs Sub-Index	Fut	Electronic	1	USD	FRPL				1	0.2	USD	FRPL
EUREX	Eurex	Index	FCXE	Dow Jones UBS Ex Energy Sub-Index	Fut	Electronic	1	USD	FRPL				1	0.2	USD	FRPL
EUREX	Eurex	Equity	FCXG	Freeport McMoRan Copper & Gold Inc	Fut	Electronic	0.2	USD	FRPL				0.2	0.2	USD	FRPL
EUREX	Eurex	Index	FD3D	EURO STOXX Select Dividend 30 Index Dividend	Fut	Electronic	1.2	EUR	FRPL				1.2	0.15	EUR	FRPL
EUREX	Eurex	Equity	FD4F	FedEx Corp FLEX	Fut	Electronic	0.3	USD	FRPL				0.3	0.2	USD	FRPL
EUREX	Eurex	Index	FD4V	DivDAX FLEX	Fut	Electronic	0.45	EUR	FRPL				0.45	0.15	EUR	FRPL
EUREX	Eurex	Index	FD4X	DAX FLEX	Fut	Electronic	0.75	EUR	FRPL				0.75	0.15	EUR	FRPL
EUREX	Eurex	Index	FDAX	DAX	Fut	Electronic	0.5	EUR	FRPL				0.5	0.15	EUR	FRPL
EUREX	Eurex	Index	FDIV	DivDAX	Fut	Electronic	0.3	EUR	FRPL				0.3	0.15	EUR	FRPL
EUREX	Eurex	Equity	FDR4	Fonciere des Regions S.A FLEX	Fut	Electronic	0.2	EUR	FRPL				0.2	0.15	EUR	FRPL
EUREX	Eurex	Equity	FDR5	Fonciere des Regions S.A FLEX	Fut	Electronic	0.2	EUR	FRPL				0.2	0.15	EUR	FRPL
EUREX	Eurex	Equity	FDRF	Fonciere des Regions S.A	Fut	Electronic	0.13	EUR	FRPL				0.13	0.15	EUR	FRPL
EUREX	Eurex	Index	FDVD	DivDAX Index Dividend	Fut	Electronic	2	EUR	FRPL				2	0.15	EUR	FRPL
EUREX	Eurex	Index	FDXD	DAX-Kursindex Index Dividend	Fut	Electronic	2	EUR	FRPL				2	0.15	EUR	FRPL
EUREX	Eurex	Equity	FDXF	FedEx Corp	Fut	Electronic	0.2	USD	FRPL				0.2	0.2	USD	FRPL
EUREX	Eurex	Index	FE4A	EURO STOXX Automobiles & Parts FLEX	Fut	Electronic	0.45	EUR	FRPL				0.45	0.15	EUR	FRPL
EUREX	Eurex	Index	FE4B	EURO STOXX Banks FLEX	Fut	Electronic	0.45	EUR	FRPL				0.45	0.15	EUR	FRPL
EUREX	Eurex	Index	FE4C	EURO STOXX Chemicals FLEX	Fut	Electronic	0.45	EUR	FRPL				0.45	0.15	EUR	FRPL
EUREX	Eurex	Index	FE4E	EURO STOXX Oil & Gas FLEX	Fut	Electronic	0.45	EUR	FRPL				0.45	0.15	EUR	FRPL
EUREX	Eurex	Index	FE4F	EURO STOXX Financial Services FLEX	Fut	Electronic	0.45	EUR	FRPL				0.45	0.15	EUR	FRPL
EUREX	Eurex	Index	FE4G	EURO STOXX Industrial Goods & Services FLEX	Fut	Electronic	0.45	EUR	FRPL				0.45	0.15	EUR	FRPL
EUREX	Eurex	Index	FE4H	EURO STOXX Health Care FLEX	Fut	Electronic	0.45	EUR	FRPL				0.45	0.15	EUR	FRPL
EUREX	Eurex	Index	FE4I	EURO STOXX Insurance FLEX	Fut	Electronic	0.45	EUR	FRPL				0.45	0.15	EUR	FRPL
EUREX	Eurex	Index	FE4L	EURO STOXX Real Estate FLEX	Fut	Electronic	0.45	EUR	FRPL				0.45	0.15	EUR	FRPL
EUREX	Eurex	Index	FE4M	EURO STOXX Media FLEX	Fut	Electronic	0.45	EUR	FRPL				0.45	0.15	EUR	FRPL
EUREX	Eurex	Index	FE4N	EURO STOXX Construction & Materials FLEX	Fut	Electronic	0.45	EUR	FRPL				0.45	0.15	EUR	FRPL
EUREX	Eurex	Index	FE4O	EURO STOXX Food & Beverage FLEX	Fut	Electronic	0.45	EUR	FRPL				0.45	0.15	EUR	FRPL
EUREX	Eurex	Index	FE4R	EURO STOXX Retail FLEX	Fut	Electronic	0.45	EUR	FRPL				0.45	0.15	EUR	FRPL
EUREX	Eurex	Index	FE4S	EURO STOXX Basic Resources FLEX	Fut	Electronic	0.45	EUR	FRPL				0.45	0.15	EUR	FRPL
EUREX	Eurex	Index	FE4T	EURO STOXX Telecommunications FLEX	Fut	Electronic	0.45	EUR	FRPL				0.45	0.15	EUR	FRPL
EUREX	Eurex	Index	FE4U	EURO STOXX Utilities FLEX	Fut	Electronic	0.45	EUR	FRPL				0.45	0.15	EUR	FRPL
EUREX	Eurex	Index	FE4V	EURO STOXX Travel & Leisure FLEX	Fut	Electronic	0.45	EUR	FRPL				0.45	0.15	EUR	FRPL
EUREX	Eurex	Index	FE4X	EURO STOXX 50 Index FLEX	Fut	Electronic	0.45	EUR	FRPL				0.45	0.15	EUR	FRPL
EUREX	Eurex	Index	FE4Y	EURO STOXX Technology FLEX	Fut	Electronic	0.45	EUR	FRPL				0.45	0.15	EUR	FRPL
EUREX	Eurex	Index	FE4Z	EURO STOXX Personal & Household Goods FLEX	Fut	Electronic	0.45	EUR	FRPL				0.45	0.15	EUR	FRPL
EUREX	Eurex	Index	FEBD	EURO STOXX Banks Index Dividend	Fut	Electronic	1.2	EUR	FRPL				1.2	0.15	EUR	FRPL
EUREX	Eurex	Index	FED4	EURO STOXX Select Dividend 30 Index FLEX	Fut	Electronic	0.45	EUR	FRPL				0.45	0.15	EUR	FRPL
EUREX	Eurex	Index	FEDV	EURO STOXX Select Dividend 30 Index	Fut	Electronic	0.3	EUR	FRPL				0.3	0.15	EUR	FRPL
EUREX	Eurex	Index	FEED	EURO STOXX Oil & Gas Index Dividend	Fut	Electronic	1.2	EUR	FRPL				1.2	0.15	EUR	FRPL
EUREX	Eurex	Index	FEID	EURO STOXX Insurance Index Dividend	Fut	Electronic	1.2	EUR	FRPL				1.2	0.15	EUR	FRPL
EUREX	Eurex	Int Rate	FEO1	One-Month EONIA	Fut	Electronic	0.2	EUR	FRPL				0.2	0.15	EUR	FRPL
EUREX	Eurex	Agri	FEPP	European Processing Potatoes Index	Fut	Electronic	3	EUR	FRPL				3	0.15	EUR	FRPL
EUREX	Eurex	Index	FESA	EURO STOXX Automobiles & Parts	Fut	Electronic	0.3	EUR	FRPL				0.3	0.15	EUR	FRPL
EUREX	Eurex	Index	FESB	EURO STOXX Banks	Fut	Electronic	0.3	EUR	FRPL				0.3	0.15	EUR	FRPL
EUREX	Eurex	Index	FESC	EURO STOXX Chemicals	Fut	Electronic	0.3	EUR	FRPL				0.3	0.15	EUR	FRPL
EUREX	Eurex	Index	FESE	EURO STOXX Oil & Gas	Fut	Electronic	0.3	EUR	FRPL				0.3	0.15	EUR	FRPL
EUREX	Eurex	Index	FESF	EURO STOXX Financial Services	Fut	Electronic	0.3	EUR	FRPL				0.3	0.15	EUR	FRPL
EUREX	Eurex	Index	FESG	EURO STOXX Industrial Goods & Services	Fut	Electronic	0.3	EUR	FRPL				0.3	0.15	EUR	FRPL
EUREX	Eurex	Index	FESH	EURO STOXX Health Care	Fut	Electronic	0.3	EUR	FRPL				0.3	0.15	EUR	FRPL
EUREX	Eurex	Index	FESI	EURO STOXX Insurance	Fut	Electronic	0.3	EUR	FRPL				0.3	0.15	EUR	FRPL
EUREX	Eurex	Index	FESL	EURO STOXX Real Estate	Fut	Electronic	0.3	EUR	FRPL				0.3	0.15	EUR	FRPL
EUREX	Eurex	Index	FESM	EURO STOXX Media	Fut	Electronic	0.3	EUR	FRPL				0.3	0.15	EUR	FRPL
EUREX	Eurex	Index	FESN	EURO STOXX Construction & Materials	Fut	Electronic	0.3	EUR	FRPL				0.3	0.15	EUR	FRPL
EUREX	Eurex	Index	FESO	EURO STOXX Food & Beverage	Fut	Electronic	0.3	EUR	FRPL				0.3	0.15	EUR	FRPL
EUREX	Eurex	Index	FESR	EURO STOXX Retail	Fut	Electronic	0.3	EUR	FRPL				0.3	0.15	EUR	FRPL
EUREX	Eurex	Index	FESS	EURO STOXX Basic Resources	Fut	Electronic	0.3	EUR	FRPL				0.3	0.15	EUR	FRPL
EUREX	Eurex	Index	FEST	EURO STOXX Telecommunications	Fut	Electronic	0.3	EUR	FRPL				0.3	0.15	EUR	FRPL
EUREX	Eurex	Index	FESU	EURO STOXX Utilities	Fut	Electronic	0.3	EUR	FRPL				0.3	0.15	EUR	FRPL
EUREX	Eurex	Index	FESV	EURO STOXX Travel & Leisure	Fut	Electronic	0.3	EUR	FRPL				0.3	0.15	EUR	FRPL

Exch Code	Exch Desc	Comm Group	Prod Code	Product Desc	F/O	Platform	Trd Fee	Trd Fee Cur	Trd Fee Meth	Clr Fee	Clr Fee Cur	Clr Fee Meth	Fee Total	Brk Fee	Brk Fee Cur	Brk Fee Meth
EUREX	Eurex	Index	FESX	EURO STOXX 50 Index	Fut	Electronic	0.3	EUR	FRPL				0.3	0.15	EUR	FRPL
EUREX	Eurex	Index	FESY	EURO STOXX Technology	Fut	Electronic	0.3	EUR	FRPL				0.3	0.15	EUR	FRPL
EUREX	Eurex	Index	FESZ	EURO STOXX Personal & Household Goods	Fut	Electronic	0.3	EUR	FRPL				0.3	0.15	EUR	FRPL
EUREX	Eurex	Index	FETD	EURO STOXX Telecommunications Index Dividend	Fut	Electronic	1.2	EUR	FRPL				1.2	0.15	EUR	FRPL
EUREX	Eurex	Int Rate	FEU3	Three-Month EURIBOR	Fut	Electronic	0.2	EUR	FRPL				0.2	0.15	EUR	FRPL
EUREX	Eurex	Index	FEUD	EURO STOXX Utilities Index Dividend	Fut	Electronic	1.2	EUR	FRPL				1.2	0.15	EUR	FRPL
EUREX	Eurex	Index	FEXD	EURO STOXX 50 Index Dividend	Fut	Electronic	1.2	EUR	FRPL				1.2	0.15	EUR	FRPL
EUREX	Eurex	Index	FEXF	EURO STOXX ex Financials Index	Fut	Electronic	0.3	EUR	FRPL				0.3	0.15	EUR	FRPL
EUREX	Eurex	Index	FF4X	OMX-Helsinki 25 FLEX	Fut	Electronic	0.75	EUR	FRPL				0.75	0.15	EUR	FRPL
EUREX	Eurex	Index	FFOX	OMX-Helsinki 25	Fut	Electronic	0.5	EUR	FRPL				0.5	0.15	EUR	FRPL
EUREX	Eurex	Index	FG44	Dow Jones Insurance Titans 30 Index FLEX	Fut	Electronic	0.75	USD	FRPL				0.75	0.2	USD	FRPL
EUREX	Eurex	Index	FG4B	Dow Jones Banks Titans 30 Index FLEX	Fut	Electronic	0.75	USD	FRPL				0.75	0.2	USD	FRPL
EUREX	Eurex	Index	FG4E	Dow Jones Oil & Gas Titans 30 Index FLEX	Fut	Electronic	0.75	USD	FRPL				0.75	0.2	USD	FRPL
EUREX	Eurex	Equity	FG4F	Firstgroup PLC FLEX	Fut	Electronic	0.15	GBP	FRPL				0.15	0.15	GBP	FRPL
EUREX	Eurex	Index	FG4I	Dow Jones Global Titans 50 Index FLEX	Fut	Electronic	0.45	EUR	FRPL				0.45	0.15	EUR	FRPL
EUREX	Eurex	Index	FG4T	Dow Jones Telecommunications Titans 30 Index FLEX	Fut	Electronic	0.75	USD	FRPL				0.75	0.2	USD	FRPL
EUREX	Eurex	Index	FG4U	Dow Jones Utilities Titans 30 Index FLEX	Fut	Electronic	0.75	USD	FRPL				0.75	0.2	USD	FRPL
EUREX	Eurex	Metal	FG4X	Gold FLEX	Fut	Electronic	0.7	USD	FRPL				0.7	0.2	USD	FRPL
EUREX	Eurex	Equity	FG5F	Firstgroup PLC FLEX	Fut	Electronic	0.15	GBP	FRPL				0.15	0.15	GBP	FRPL
EUREX	Eurex	Int Rate	FGBL	Euro-Bund	Fut	Electronic	0.2	EUR	FRPL				0.2	0.15	EUR	FRPL
EUREX	Eurex	Int Rate	FGBM	Euro-Bobl	Fut	Electronic	0.2	EUR	FRPL				0.2	0.15	EUR	FRPL
EUREX	Eurex	Int Rate	FGBS	Euro-Schatz	Fut	Electronic	0.2	EUR	FRPL				0.2	0.15	EUR	FRPL
EUREX	Eurex	Int Rate	FGBX	Euro-Buxl	Fut	Electronic	0.2	EUR	FRPL				0.2	0.15	EUR	FRPL
EUREX	Eurex	Metal	FGFX	Gold	Fut	Electronic	0.7	USD	FRPL				0.7	0.2	USD	FRPL
EUREX	Eurex	Equity	FGPF	Firstgroup PLC	Fut	Electronic	0.1	GBP	FRPL				0.1	0.15	GBP	FRPL
EUREX	Eurex	Index	FGSB	Dow Jones Banks Titans 30 Index	Fut	Electronic	0.5	USD	FRPL				0.5	0.2	USD	FRPL
EUREX	Eurex	Index	FGSE	Dow Jones Oil & Gas Titans 30 Index	Fut	Electronic	0.5	USD	FRPL				0.5	0.2	USD	FRPL
EUREX	Eurex	Index	FGSI	Dow Jones Insurance Titans 30 Index	Fut	Electronic	0.5	USD	FRPL				0.5	0.2	USD	FRPL
EUREX	Eurex	Index	FGST	Dow Jones Telecommunications Titans 30 Index	Fut	Electronic	0.5	USD	FRPL				0.5	0.2	USD	FRPL
EUREX	Eurex	Index	FGSU	Dow Jones Utilities Titans 30 Index	Fut	Electronic	0.5	USD	FRPL				0.5	0.2	USD	FRPL
EUREX	Eurex	Index	FGTI	Dow Jones Global Titans 50 Index	Fut	Electronic	0.3	EUR	FRPL				0.3	0.15	EUR	FRPL
EUREX	Eurex	Agri	FHOG	Hog Index	Fut	Electronic	10	EUR	FRPL				10	0.15	EUR	FRPL
EUREX	Eurex	Equity	FI4F	Federated Investors Inc FLEX	Fut	Electronic	0.3	USD	FRPL				0.3	0.2	USD	FRPL
EUREX	Eurex	Equity	FI4G	Fiat S.p.A FLEX	Fut	Electronic	0.2	EUR	FRPL				0.2	0.15	EUR	FRPL
EUREX	Eurex	Equity	FI5G	Fiat S.p.A FLEX	Fut	Electronic	0.2	EUR	FRPL				0.2	0.15	EUR	FRPL
EUREX	Eurex	Equity	FIAG	Fiat S.p.A	Fut	Electronic	0.13	EUR	FRPL				0.13	0.15	EUR	FRPL
EUREX	Eurex	Equity	FIE4	Fielmann AG FLEX	Fut	Electronic	0.2	EUR	FRPL				0.2	0.15	EUR	FRPL
EUREX	Eurex	Equity	FIE5	Fielmann AG FLEX	Fut	Electronic	0.2	EUR	FRPL				0.2	0.15	EUR	FRPL
EUREX	Eurex	Equity	FIEF	Fielmann AG	Fut	Electronic	0.13	EUR	FRPL				0.13	0.15	EUR	FRPL
EUREX	Eurex	Equity	FIIF	Federated Investors Inc	Fut	Electronic	0.2	USD	FRPL				0.2	0.2	USD	FRPL
EUREX	Eurex	Equity	FIM4	Fiat Industrial S.p.A FLEX	Fut	Electronic	0.2	EUR	FRPL				0.2	0.15	EUR	FRPL
EUREX	Eurex	Equity	FIM5	Fiat Industrial S.p.A FLEX	Fut	Electronic	0.2	EUR	FRPL				0.2	0.15	EUR	FRPL
EUREX	Eurex	Equity	FIMF	Fiat Industrial S.p.A	Fut	Electronic	0.13	EUR	FRPL				0.13	0.15	EUR	FRPL
EUREX	Eurex	Index	FL4E	EURO STOXX Large Index FLEX	Fut	Electronic	0.45	EUR	FRPL				0.45	0.15	EUR	FRPL
EUREX	Eurex	Equity	FL4F	Flughafen Wien AG FLEX	Fut	Electronic	0.2	EUR	FRPL				0.2	0.15	EUR	FRPL
EUREX	Eurex	Equity	FL4H	Admiral Group PLC FLEX	Fut	Electronic	0.15	GBP	FRPL				0.15	0.15	GBP	FRPL
EUREX	Eurex	Index	FL4P	STOXX Europe Large 200 Index FLEX	Fut	Electronic	0.45	EUR	FRPL				0.45	0.15	EUR	FRPL
EUREX	Eurex	Equity	FL5F	Flughafen Wien AG FLEX	Fut	Electronic	0.2	EUR	FRPL				0.2	0.15	EUR	FRPL
EUREX	Eurex	Equity	FL5H	Admiral Group PLC FLEX	Fut	Electronic	0.15	GBP	FRPL				0.15	0.15	GBP	FRPL
EUREX	Eurex	Index	FLCE	EURO STOXX Large Index	Fut	Electronic	0.3	EUR	FRPL				0.3	0.15	EUR	FRPL
EUREX	Eurex	Index	FLCP	STOXX Europe Large 200 Index	Fut	Electronic	0.3	EUR	FRPL				0.3	0.15	EUR	FRPL
EUREX	Eurex	Equity	FLNH	Admiral Group PLC	Fut	Electronic	0.1	GBP	FRPL				0.1	0.15	GBP	FRPL
EUREX	Eurex	Agri	FLPI	London Potatoes Index	Fut	Electronic	4	EUR	FRPL				4	0.15	EUR	FRPL
EUREX	Eurex	Equity	FLUF	Flughafen Wien AG	Fut	Electronic	0.13	EUR	FRPL				0.13	0.15	EUR	FRPL
EUREX	Eurex	Index	FM4E	EURO STOXX Mid Index FLEX	Fut	Electronic	0.45	EUR	FRPL				0.45	0.15	EUR	FRPL
EUREX	Eurex	Equity	FM4G	Finmeccanica S.p.A FLEX	Fut	Electronic	0.2	EUR	FRPL				0.2	0.15	EUR	FRPL
EUREX	Eurex	Equity	FM4H	Fresenius Medical Care AG FLEX	Fut	Electronic	0.2	EUR	FRPL				0.2	0.15	EUR	FRPL
EUREX	Eurex	Index	FM4P	MSCI Japan Index FLEX	Fut	Electronic	1.5	USD	FRPL				1.5	0.2	USD	FRPL
EUREX	Eurex	Index	FM4U	MSCI Russia Index FLEX	Fut	Electronic	0.6	USD	FRPL				0.6	0.2	USD	FRPL

Exch Code	Exch Desc	Comm Group	Prod Code	Product Desc	F/O	Platform	Trd Fee	Trd Fee Cur	Trd Fee Meth	Clr Fee	Clr Fee Cur	Clr Fee Meth	Fee Total	Brk Fee	Brk Fee Cur	Brk Fee Meth
EUREX	Eurex	Equity	FM5G	Finmeccanica S.p.A FLEX	Fut	Electronic	0.2	EUR	FRPL				0.2	0.15	EUR	FRPL
EUREX	Eurex	Equity	FM5H	Fresenius Medical Care AG FLEX	Fut	Electronic	0.2	EUR	FRPL				0.2	0.15	EUR	FRPL
EUREX	Eurex	Index	FMC4	STOXX Europe Mid 200 Index FLEX	Fut	Electronic	0.45	EUR	FRPL				0.45	0.15	EUR	FRPL
EUREX	Eurex	Index	FMCE	EURO STOXX Mid Index	Fut	Electronic	0.3	EUR	FRPL				0.3	0.15	EUR	FRPL
EUREX	Eurex	Index	FMCP	STOXX Europe Mid 200 Index	Fut	Electronic	0.3	EUR	FRPL				0.3	0.15	EUR	FRPL
EUREX	Eurex	Equity	FMEH	Fresenius Medical Care AG	Fut	Electronic	0.13	EUR	FRPL				0.13	0.15	EUR	FRPL
EUREX	Eurex	Index	FMJP	MSCI Japan Index	Fut	Electronic	1	USD	FRPL				1	0.2	USD	FRPL
EUREX	Eurex	Equity	FMNG	Finmeccanica S.p.A	Fut	Electronic	0.13	EUR	FRPL				0.13	0.15	EUR	FRPL
EUREX	Eurex	Index	FMRU	MSCI Russia Index	Fut	Electronic	0.4	USD	FRPL				0.4	0.2	USD	FRPL
EUREX	Eurex	Equity	FN4F	Freenet AG FLEX	Fut	Electronic	0.2	EUR	FRPL				0.2	0.15	EUR	FRPL
EUREX	Eurex	Equity	FN5F	Freenet AG FLEX	Fut	Electronic	0.2	EUR	FRPL				0.2	0.15	EUR	FRPL
EUREX	Eurex	Equity	FNTF	Freenet AG	Fut	Electronic	0.13	EUR	FRPL				0.13	0.15	EUR	FRPL
EUREX	Eurex	Equity	FNVF	Franco-Nevada Corporation	Fut	Electronic	0.2	USD	FRPL				0.2	0.2	USD	FRPL
EUREX	Eurex	Equity	FO44	Ageas SA/NV FLEX	Fut	Electronic	0.2	EUR	FRPL				0.2	0.15	EUR	FRPL
EUREX	Eurex	Equity	FO4F	Salesforce.com Inc FLEX	Fut	Electronic	0.3	USD	FRPL				0.3	0.2	USD	FRPL
EUREX	Eurex	Equity	FO4G	Ageas SA/NV	Fut	Electronic	0.13	EUR	FRPL				0.13	0.15	EUR	FRPL
EUREX	Eurex	Equity	FO5G	Ageas SA/NV FLEX	Fut	Electronic	0.2	EUR	FRPL				0.2	0.15	EUR	FRPL
EUREX	Eurex	Int Rate	FOAT	Euro-OAT	Fut	Electronic	0.2	EUR	FRPL				0.2	0.15	EUR	FRPL
EUREX	Eurex	Equity	FOOF	Salesforce.com Inc	Fut	Electronic	0.2	USD	FRPL				0.2	0.2	USD	FRPL
EUREX	Eurex	Equity	FOT4	Fortum Ojy FLEX	Fut	Electronic	0.2	EUR	FRPL				0.2	0.15	EUR	FRPL
EUREX	Eurex	Equity	FOT5	Fortum Ojy FLEX	Fut	Electronic	0.2	EUR	FRPL				0.2	0.15	EUR	FRPL
EUREX	Eurex	Equity	FOTG	Fortum Ojy	Fut	Electronic	0.13	EUR	FRPL				0.13	0.15	EUR	FRPL
EUREX	Eurex	Index	FP4A	ETFS Physical Gold FLEX	Fut	Electronic	0.3	USD	FRPL				0.3	0.2	USD	FRPL
EUREX	Eurex	Index	FP5A	ETFS Physical Gold FLEX	Fut	Electronic	0.3	USD	FRPL				0.3	0.2	USD	FRPL
EUREX	Eurex	Equity	FPE4	Fuchs Petrolub AG FLEX	Fut	Electronic	0.2	EUR	FRPL				0.2	0.15	EUR	FRPL
EUREX	Eurex	Equity	FPE5	Fuchs Petrolub AG FLEX	Fut	Electronic	0.2	EUR	FRPL				0.2	0.15	EUR	FRPL
EUREX	Eurex	Equity	FPEF	Fuchs Petrolub AG	Fut	Electronic	0.13	EUR	FRPL				0.13	0.15	EUR	FRPL
EUREX	Eurex	Index	FPHA	ETFS Physical Gold	Fut	Electronic	0.2	USD	FRPL				0.2	0.2	USD	FRPL
EUREX	Eurex	Agri	FPIG	Piglet Index	Fut	Electronic	10	EUR	FRPL				10	0.15	EUR	FRPL
EUREX	Eurex	Equity	FPL4	NextEra Energy Inc FLEX	Fut	Electronic	0.3	USD	FRPL				0.3	0.2	USD	FRPL
EUREX	Eurex	Equity	FPLF	NextEra Energy Inc	Fut	Electronic	0.2	USD	FRPL				0.2	0.2	USD	FRPL
EUREX	Eurex	Equity	FR4G	Fresenius SE FLEX	Fut	Electronic	0.2	EUR	FRPL				0.2	0.15	EUR	FRPL
EUREX	Eurex	Index	FR4X	RDX USD FLEX	Fut	Electronic	0.6	USD	FRPL				0.6	0.15	EUR	FRPL
EUREX	Eurex	Equity	FR5G	Fresenius SE FLEX	Fut	Electronic	0.2	EUR	FRPL				0.2	0.15	EUR	FRPL
EUREX	Eurex	Equity	FRAG	Fraport AG	Fut	Electronic	0.13	EUR	FRPL				0.13	0.15	EUR	FRPL
EUREX	Eurex	Index	FRDX	RDX USD	Fut	Electronic	0.4	USD	FRPL				0.4	0.15	EUR	FRPL
EUREX	Eurex	Equity	FREG	Fresenius SE	Fut	Electronic	0.13	EUR	FRPL				0.13	0.15	EUR	FRPL
EUREX	Eurex	Index	FS4A	STOXX Europe 600 Automobiles & Parts FLEX	Fut	Electronic	0.45	EUR	FRPL				0.45	0.15	EUR	FRPL
EUREX	Eurex	Index	FS4B	STOXX Europe 600 Banks FLEX	Fut	Electronic	0.45	EUR	FRPL				0.45	0.15	EUR	FRPL
EUREX	Eurex	Index	FS4C	STOXX Europe 600 Chemicals FLEX	Fut	Electronic	0.45	EUR	FRPL				0.45	0.15	EUR	FRPL
EUREX	Eurex	Index	FS4E	STOXX Europe 600 Oil & Gas FLEX	Fut	Electronic	0.45	EUR	FRPL				0.45	0.15	EUR	FRPL
EUREX	Eurex	Index	FS4F	STOXX Europe 600 Financial Services FLEX	Fut	Electronic	0.45	EUR	FRPL				0.45	0.15	EUR	FRPL
EUREX	Eurex	Index	FS4G	STOXX Europe 600 Industrial Goods & Services FLEX	Fut	Electronic	0.45	EUR	FRPL				0.45	0.15	EUR	FRPL
EUREX	Eurex	Index	FS4H	STOXX Europe 600 Health Care FLEX	Fut	Electronic	0.45	EUR	FRPL				0.45	0.15	EUR	FRPL
EUREX	Eurex	Index	FS4I	SMI FLEX	Fut	Electronic	0.6	CHF	FRPL				0.6	0.2	CHF	FRPL
EUREX	Eurex	Index	FS4L	STOXX Europe 600 Real Estate FLEX	Fut	Electronic	0.45	EUR	FRPL				0.45	0.15	EUR	FRPL
EUREX	Eurex	Index	FS4M	STOXX Europe 600 Media FLEX	Fut	Electronic	0.45	EUR	FRPL				0.45	0.15	EUR	FRPL
EUREX	Eurex	Index	FS4N	STOXX Europe 600 Construction & Materials FLEX	Fut	Electronic	0.45	EUR	FRPL				0.45	0.15	EUR	FRPL
EUREX	Eurex	Index	FS4O	STOXX Europe 600 Food & Beverage FLEX	Fut	Electronic	0.45	EUR	FRPL				0.45	0.15	EUR	FRPL
EUREX	Eurex	Index	FS4P	STOXX Europe Small 200 Index FLEX	Fut	Electronic	0.45	EUR	FRPL				0.45	0.15	EUR	FRPL
EUREX	Eurex	Index	FS4R	STOXX Europe 600 Retail FLEX	Fut	Electronic	0.45	EUR	FRPL				0.45	0.15	EUR	FRPL
EUREX	Eurex	Index	FS4S	STOXX Europe 600 Basic Resources FLEX	Fut	Electronic	0.45	EUR	FRPL				0.45	0.15	EUR	FRPL
EUREX	Eurex	Index	FS4T	STOXX Europe 600 Telecommunications FLEX	Fut	Electronic	0.45	EUR	FRPL				0.45	0.15	EUR	FRPL
EUREX	Eurex	Index	FS4U	STOXX Europe 600 Utilities FLEX	Fut	Electronic	0.45	EUR	FRPL				0.45	0.15	EUR	FRPL
EUREX	Eurex	Index	FS4V	STOXX Europe 600 Travel & Leisure FLEX	Fut	Electronic	0.45	EUR	FRPL				0.45	0.15	EUR	FRPL
EUREX	Eurex	Index	FS4X	STOXX Europe 50 Index FLEX	Fut	Electronic	0.45	EUR	FRPL				0.45	0.15	EUR	FRPL
EUREX	Eurex	Index	FS4Y	STOXX Europe 600 Technology FLEX	Fut	Electronic	0.45	EUR	FRPL				0.45	0.15	EUR	FRPL
EUREX	Eurex	Index	FS4Z	STOXX Europe 600 Personal & Household Goods FLEX	Fut	Electronic	0.45	EUR	FRPL				0.45	0.15	EUR	FRPL
EUREX	Eurex	Index	FSBD	STOXX Europe 600 Banks Index Dividend	Fut	Electronic	1.2	EUR	FRPL				1.2	0.15	EUR	FRPL

Exch Code	Exch Desc	Comm Group	Prod Code	Product Desc	F/O	Platform	Trd Fee	Trd Fee Cur	Trd Fee Meth	Clr Fee	Clr Fee Cur	Clr Fee Meth	Fee Total	Brk Fee	Brk Fee Cur	Brk Fee Meth
EUREX	Eurex	Index	FSC4	EURO STOXX Small Index FLEX	Fut	Electronic	0.45	EUR	FRPL				0.45	0.15	EUR	FRPL
EUREX	Eurex	Index	FSCE	EURO STOXX Small Index	Fut	Electronic	0.3	EUR	FRPL				0.3	0.15	EUR	FRPL
EUREX	Eurex	Index	FSCP	STOXX Europe Small 200 Index	Fut	Electronic	0.3	EUR	FRPL				0.3	0.15	EUR	FRPL
EUREX	Eurex	Equity	FSE4	TF1 FLEX	Fut	Electronic	0.2	EUR	FRPL				0.2	0.15	EUR	FRPL
EUREX	Eurex	Equity	FSE5	TF1 FLEX	Fut	Electronic	0.2	EUR	FRPL				0.2	0.15	EUR	FRPL
EUREX	Eurex	Index	FSED	STOXX Europe 600 Oil & Gas Index Dividend	Fut	Electronic	1.2	EUR	FRPL				1.2	0.15	EUR	FRPL
EUREX	Eurex	Equity	FSEF	TF1	Fut	Electronic	0.13	EUR	FRPL				0.13	0.15	EUR	FRPL
EUREX	Eurex	Index	FSEN	SENSEX Index	Fut	Electronic	0.2	USD	FRPL				0.2	0.2	USD	FRPL
EUREX	Eurex	Metal	FSF4	Silver FLEX	Fut	Electronic	0.7	USD	FRPL				0.7	0.2	USD	FRPL
EUREX	Eurex	Metal	FSFX	Silver	Fut	Electronic	0.7	USD	FRPL				0.7	0.2	USD	FRPL
EUREX	Eurex	Index	FSID	STOXX Europe 600 Insurance Index Dividend	Fut	Electronic	1.2	EUR	FRPL				1.2	0.15	EUR	FRPL
EUREX	Eurex	Index	FSL4	SLI Swiss Leader Index FLEX	Fut	Electronic	0.3	CHF	FRPL				0.3	0.2	CHF	FRPL
EUREX	Eurex	Index	FSLI	SLI Swiss Leader Index	Fut	Electronic	0.2	CHF	FRPL				0.2	0.2	CHF	FRPL
EUREX	Eurex	Index	FSM4	SMIM FLEX	Fut	Electronic	0.3	CHF	FRPL				0.3	0.2	CHF	FRPL
EUREX	Eurex	Index	FSMD	SMI Index Dividend	Fut	Electronic	1.6	CHF	FRPL				1.6	0.2	CHF	FRPL
EUREX	Eurex	Index	FSMI	SMI	Fut	Electronic	0.4	CHF	FRPL				0.4	0.2	CHF	FRPL
EUREX	Eurex	Index	FSMM	SMIM	Fut	Electronic	0.2	CHF	FRPL				0.2	0.2	CHF	FRPL
EUREX	Eurex	Agri	FSMP	Skimmed Milk Powder Index	Fut	Electronic	1.5	EUR	FRPL				1.5	0.15	EUR	FRPL
EUREX	Eurex	Index	FST4	STOXX Europe 600 Insurance FLEX	Fut	Electronic	0.45	EUR	FRPL				0.45	0.15	EUR	FRPL
EUREX	Eurex	Index	FSTA	STOXX Europe 600 Automobiles & Parts	Fut	Electronic	0.3	EUR	FRPL				0.3	0.15	EUR	FRPL
EUREX	Eurex	Index	FSTB	STOXX Europe 600 Banks	Fut	Electronic	0.3	EUR	FRPL				0.3	0.15	EUR	FRPL
EUREX	Eurex	Index	FSTC	STOXX Europe 600 Chemicals	Fut	Electronic	0.3	EUR	FRPL				0.3	0.15	EUR	FRPL
EUREX	Eurex	Index	FSTD	STOXX Europe 600 Telecommunications Index Dividend	Fut	Electronic	1.2	EUR	FRPL				1.2	0.15	EUR	FRPL
EUREX	Eurex	Index	FSTE	STOXX Europe 600 Oil & Gas	Fut	Electronic	0.3	EUR	FRPL				0.3	0.15	EUR	FRPL
EUREX	Eurex	Index	FSTF	STOXX Europe 600 Financial Services	Fut	Electronic	0.3	EUR	FRPL				0.3	0.15	EUR	FRPL
EUREX	Eurex	Index	FSTG	STOXX Europe 600 Industrial Goods & Services	Fut	Electronic	0.3	EUR	FRPL				0.3	0.15	EUR	FRPL
EUREX	Eurex	Index	FSTH	STOXX Europe 600 Health Care	Fut	Electronic	0.3	EUR	FRPL				0.3	0.15	EUR	FRPL
EUREX	Eurex	Index	FSTI	STOXX Europe 600 Insurance	Fut	Electronic	0.3	EUR	FRPL				0.3	0.15	EUR	FRPL
EUREX	Eurex	Index	FSTL	STOXX Europe 600 Real Estate	Fut	Electronic	0.3	EUR	FRPL				0.3	0.15	EUR	FRPL
EUREX	Eurex	Index	FSTM	STOXX Europe 600 Media	Fut	Electronic	0.3	EUR	FRPL				0.3	0.15	EUR	FRPL
EUREX	Eurex	Index	FSTN	STOXX Europe 600 Construction & Materials	Fut	Electronic	0.3	EUR	FRPL				0.3	0.15	EUR	FRPL
EUREX	Eurex	Index	FSTO	STOXX Europe 600 Food & Beverage	Fut	Electronic	0.3	EUR	FRPL				0.3	0.15	EUR	FRPL
EUREX	Eurex	Index	FSTR	STOXX Europe 600 Retail	Fut	Electronic	0.3	EUR	FRPL				0.3	0.15	EUR	FRPL
EUREX	Eurex	Index	FSTS	STOXX Europe 600 Basic Resources	Fut	Electronic	0.3	EUR	FRPL				0.3	0.15	EUR	FRPL
EUREX	Eurex	Index	FSTT	STOXX Europe 600 Telecommunications	Fut	Electronic	0.3	EUR	FRPL				0.3	0.15	EUR	FRPL
EUREX	Eurex	Index	FSTU	STOXX Europe 600 Utilities	Fut	Electronic	0.3	EUR	FRPL				0.3	0.15	EUR	FRPL
EUREX	Eurex	Index	FSTV	STOXX Europe 600 Travel & Leisure	Fut	Electronic	0.3	EUR	FRPL				0.3	0.15	EUR	FRPL
EUREX	Eurex	Index	FSTX	STOXX Europe 50 Index	Fut	Electronic	0.3	EUR	FRPL				0.3	0.15	EUR	FRPL
EUREX	Eurex	Index	FSTY	STOXX Europe 600 Technology	Fut	Electronic	0.3	EUR	FRPL				0.3	0.15	EUR	FRPL
EUREX	Eurex	Index	FSTZ	STOXX Europe 600 Personal & Household Goods	Fut	Electronic	0.3	EUR	FRPL				0.3	0.15	EUR	FRPL
EUREX	Eurex	Index	FSUD	STOXX Europe 600 Utilities Index Dividend	Fut	Electronic	1.2	EUR	FRPL				1.2	0.15	EUR	FRPL
EUREX	Eurex	Equity	FT4F	France Telecom SA FLEX	Fut	Electronic	0.2	EUR	FRPL				0.2	0.15	EUR	FRPL
EUREX	Eurex	Index	FT4X	TecDAX FLEX	Fut	Electronic	0.3	EUR	FRPL				0.3	0.15	EUR	FRPL
EUREX	Eurex	Index	FT50	Dow Jones Global Titans 50 Index	Fut	Electronic	0.5	USD	FRPL				0.5	0.2	USD	FRPL
EUREX	Eurex	Equity	FT5F	France Telecom SA FLEX	Fut	Electronic	0.2	EUR	FRPL				0.2	0.15	EUR	FRPL
EUREX	Eurex	Index	FTDX	TecDAX	Fut	Electronic	0.2	EUR	FRPL				0.2	0.15	EUR	FRPL
EUREX	Eurex	Equity	FTEF	France Telecom SA	Fut	Electronic	0.13	EUR	FRPL				0.13	0.15	EUR	FRPL
EUREX	Eurex	Equity	FTRF	Frontier Communication Corp	Fut	Electronic	0.2	USD	FRPL				0.2	0.2	USD	FRPL
EUREX	Eurex	Equity	FU4F	Fugro N.V FLEX	Fut	Electronic	0.2	EUR	FRPL				0.2	0.15	EUR	FRPL
EUREX	Eurex	Equity	FU5F	Fugro N.V FLEX	Fut	Electronic	0.2	EUR	FRPL				0.2	0.15	EUR	FRPL
EUREX	Eurex	Equity	FUGF	Fugro N.V	Fut	Electronic	0.13	EUR	FRPL				0.13	0.15	EUR	FRPL
EUREX	Eurex	Index	FVS	Mini VSTOXX Index	Fut	Electronic	0.2	EUR	FRPL				0.2	0.15	EUR	FRPL
EUREX	Eurex	Agri	FWHY	European Whey Powder Index	Fut	Electronic	2.5	EUR	FRPL				2.5	0.15	EUR	FRPL
EUREX	Eurex	Index	FX4E	EURO STOXX Index FLEX	Fut	Electronic	0.45	EUR	FRPL				0.45	0.15	EUR	FRPL
EUREX	Eurex	Metal	FX4L	Xetra Gold FLEX	Fut	Electronic	0.3	EUR	FRPL				0.3	0.15	EUR	FRPL
EUREX	Eurex	Index	FX4P	STOXX Europe 600 Index FLEX	Fut	Electronic	0.45	EUR	FRPL				0.45	0.15	EUR	FRPL
EUREX	Eurex	Metal	FX5L	Xetra Gold FLEX	Fut	Electronic	0.3	EUR	FRPL				0.3	0.15	EUR	FRPL
EUREX	Eurex	Metal	FXGL	Xetra Gold	Fut	Electronic	0.2	EUR	FRPL				0.2	0.15	EUR	FRPL
EUREX	Eurex	Index	FXXE	EURO STOXX Index	Fut	Electronic	0.3	EUR	FRPL				0.3	0.15	EUR	FRPL

Exch Code	Exch Desc	Comm Group	Prod Code	Product Desc	F/O	Platform	Trd Fee	Trd Fee Cur	Trd Fee Meth	Clr Fee	Clr Fee Cur	Clr Fee Meth	Fee Total	Brk Fee	Brk Fee Cur	Brk Fee Meth
EUREX	Eurex	Index	FXXP	STOXX Europe 600 Index	Fut	Electronic	0.3	EUR	FRPL				0.3	0.15	EUR	FRPL
EUREX	Eurex	Equity	G14F	GEA Group AG FLEX	Fut	Electronic	0.2	EUR	FRPL				0.2	0.15	EUR	FRPL
EUREX	Eurex	Equity	G15F	GEA Group AG FLEX	Fut	Electronic	0.2	EUR	FRPL				0.2	0.15	EUR	FRPL
EUREX	Eurex	Equity	G1AF	GEA Group AG	Fut	Electronic	0.13	EUR	FRPL				0.13	0.15	EUR	FRPL
EUREX	Eurex	Equity	G2OB	Saint-Gobain S.A Dividend	Fut	Electronic	1.2	EUR	FRPL				1.2	0.15	EUR	FRPL
EUREX	Eurex	Equity	G2SK	GlaxoSmithkline PLC Dividend	Fut	Electronic	0.3	GBP	FRPL				0.3	0.15	GBP	FRPL
EUREX	Eurex	Equity	G2ZF	GDF Suez S.A Dividend	Fut	Electronic	1.2	EUR	FRPL				1.2	0.15	EUR	FRPL
EUREX	Eurex	Equity	G3SK	GlaxoSmithkline PLC Dividend	Fut	Electronic	0.3	GBP	FRPL				0.3	0.15	GBP	FRPL
EUREX	Eurex	Equity	G44F	Gafisa SA FLEX	Fut	Electronic	0.3	USD	FRPL				0.3	0.2	USD	FRPL
EUREX	Eurex	Equity	G46F	Gecina S.A FLEX	Fut	Electronic	0.2	EUR	FRPL				0.2	0.15	EUR	FRPL
EUREX	Eurex	Equity	G4AF	Gafisa SA	Fut	Electronic	0.2	USD	FRPL				0.2	0.2	USD	FRPL
EUREX	Eurex	Equity	G4GG	CGG S.A FLEX	Fut	Electronic	0.2	EUR	FRPL				0.2	0.15	EUR	FRPL
EUREX	Eurex	Equity	G4NF	Getin Holding SA FLEX	Fut	Electronic	0.2	EUR	FRPL				0.2	0.15	EUR	FRPL
EUREX	Eurex	Equity	G4OG	Goldcorp Inc FLEX	Fut	Electronic	0.3	USD	FRPL				0.3	0.2	USD	FRPL
EUREX	Eurex	Equity	G56F	Gecina S.A FLEX	Fut	Electronic	0.2	EUR	FRPL				0.2	0.15	EUR	FRPL
EUREX	Eurex	Equity	G5GG	CGG S.A FLEX	Fut	Electronic	0.2	EUR	FRPL				0.2	0.15	EUR	FRPL
EUREX	Eurex	Equity	GA4F	Galenica AG FLEX	Fut	Electronic	0.3	CHF	FRPL				0.3	0.2	CHF	FRPL
EUREX	Eurex	Equity	GA4G	Gas Natural SDG S.A FLEX	Fut	Electronic	0.2	EUR	FRPL				0.2	0.15	EUR	FRPL
EUREX	Eurex	Equity	GA4Z	OAO Gazprom FLEX	Fut	Electronic	0.3	USD	FRPL				0.3	0.2	USD	FRPL
EUREX	Eurex	Equity	GA5F	Galenica AG FLEX	Fut	Electronic	0.3	CHF	FRPL				0.3	0.2	CHF	FRPL
EUREX	Eurex	Equity	GA5Z	OAO Gazprom FLEX	Fut	Electronic	0.3	USD	FRPL				0.3	0.2	USD	FRPL
EUREX	Eurex	Equity	GAL4	Galp Energia SGPS S.A FLEX	Fut	Electronic	0.2	EUR	FRPL				0.2	0.15	EUR	FRPL
EUREX	Eurex	Equity	GALF	Galp Energia SGPS S.A	Fut	Electronic	0.13	EUR	FRPL				0.13	0.15	EUR	FRPL
EUREX	Eurex	Equity	GAM4	GAM Holding AG FLEX	Fut	Electronic	0.3	CHF	FRPL				0.3	0.2	CHF	FRPL
EUREX	Eurex	Equity	GAM5	GAM Holding AG FLEX	Fut	Electronic	0.3	CHF	FRPL				0.3	0.2	CHF	FRPL
EUREX	Eurex	Equity	GAMF	GAM Holding AG	Fut	Electronic	0.2	CHF	FRPL				0.2	0.2	CHF	FRPL
EUREX	Eurex	Equity	GANF	Galenica AG	Fut	Electronic	0.2	CHF	FRPL				0.2	0.2	CHF	FRPL
EUREX	Eurex	Equity	GANG	Gas Natural SDG S.A	Fut	Electronic	0.13	EUR	FRPL				0.13	0.15	EUR	FRPL
EUREX	Eurex	Equity	GAZG	OAO Gazprom	Fut	Electronic	0.2	USD	FRPL				0.2	0.2	USD	FRPL
EUREX	Eurex	Equity	GB44	Bourbon S.A FLEX	Fut	Electronic	0.2	EUR	FRPL				0.2	0.15	EUR	FRPL
EUREX	Eurex	Equity	GB4H	Bilfinger SE FLEX	Fut	Electronic	0.2	EUR	FRPL				0.2	0.15	EUR	FRPL
EUREX	Eurex	Equity	GB4I	Geberit AG FLEX	Fut	Electronic	0.3	CHF	FRPL				0.3	0.2	CHF	FRPL
EUREX	Eurex	Equity	GB5H	Bilfinger SE FLEX	Fut	Electronic	0.2	EUR	FRPL				0.2	0.15	EUR	FRPL
EUREX	Eurex	Equity	GB5I	Geberit AG FLEX	Fut	Electronic	0.3	CHF	FRPL				0.3	0.2	CHF	FRPL
EUREX	Eurex	Equity	GBBG	Bourbon S.A	Fut	Electronic	0.13	EUR	FRPL				0.13	0.15	EUR	FRPL
EUREX	Eurex	Equity	GBFH	Bilfinger SE	Fut	Electronic	0.13	EUR	FRPL				0.13	0.15	EUR	FRPL
EUREX	Eurex	Equity	GBRI	Geberit AG	Fut	Electronic	0.2	CHF	FRPL				0.2	0.2	CHF	FRPL
EUREX	Eurex	Equity	GC4G	C&C Group PLC FLEX	Fut	Electronic	0.2	EUR	FRPL				0.2	0.15	EUR	FRPL
EUREX	Eurex	Equity	GCCG	C&C Group PLC	Fut	Electronic	0.13	EUR	FRPL				0.13	0.15	EUR	FRPL
EUREX	Eurex	Equity	GD4F	General Dynamics Corp FLEX	Fut	Electronic	0.3	USD	FRPL				0.3	0.2	USD	FRPL
EUREX	Eurex	Equity	GDFF	General Dynamics Corp	Fut	Electronic	0.2	USD	FRPL				0.2	0.2	USD	FRPL
EUREX	Eurex	Equity	GDGH	CGG S.A	Fut	Electronic	0.13	EUR	FRPL				0.13	0.15	EUR	FRPL
EUREX	Eurex	Equity	GE4F	General Electric Co FLEX	Fut	Electronic	0.3	USD	FRPL				0.3	0.2	USD	FRPL
EUREX	Eurex	Equity	GECF	General Electric Co	Fut	Electronic	0.2	USD	FRPL				0.2	0.2	USD	FRPL
EUREX	Eurex	Equity	GEO4	Geox S.p.A FLEX	Fut	Electronic	0.2	EUR	FRPL				0.2	0.15	EUR	FRPL
EUREX	Eurex	Equity	GEO5	Geox S.p.A FLEX	Fut	Electronic	0.2	EUR	FRPL				0.2	0.15	EUR	FRPL
EUREX	Eurex	Equity	GEOF	Geox S.p.A	Fut	Electronic	0.13	EUR	FRPL				0.13	0.15	EUR	FRPL
EUREX	Eurex	Equity	GF4F	OPAP S.A FLEX	Fut	Electronic	0.2	EUR	FRPL				0.2	0.15	EUR	FRPL
EUREX	Eurex	Equity	GF8F	OPAP S.A	Fut	Electronic	0.13	EUR	FRPL				0.13	0.15	EUR	FRPL
EUREX	Eurex	Equity	GFJ4	Gagfah S.A FLEX	Fut	Electronic	0.2	EUR	FRPL				0.2	0.15	EUR	FRPL
EUREX	Eurex	Equity	GFJ5	Gagfah S.A FLEX	Fut	Electronic	0.2	EUR	FRPL				0.2	0.15	EUR	FRPL
EUREX	Eurex	Equity	GFJF	Gagfah S.A	Fut	Electronic	0.13	EUR	FRPL				0.13	0.15	EUR	FRPL
EUREX	Eurex	Equity	GFS4	Group 4 Securicor PLC FLEX	Fut	Electronic	0.15	GBP	FRPL				0.15	0.15	GBP	FRPL
EUREX	Eurex	Equity	GFS5	Group 4 Securicor PLC FLEX	Fut	Electronic	0.15	GBP	FRPL				0.15	0.15	GBP	FRPL
EUREX	Eurex	Equity	GFSF	Group 4 Securicor PLC	Fut	Electronic	0.1	GBP	FRPL				0.1	0.15	GBP	FRPL
EUREX	Eurex	Equity	GG4F	Gerdau SA FLEX	Fut	Electronic	0.3	USD	FRPL				0.3	0.2	USD	FRPL
EUREX	Eurex	Equity	GGBF	Gerdau SA	Fut	Electronic	0.2	USD	FRPL				0.2	0.2	USD	FRPL
EUREX	Eurex	Equity	GGOF	Goldcorp Inc	Fut	Electronic	0.2	USD	FRPL				0.2	0.2	USD	FRPL
EUREX	Eurex	Equity	GI4F	GSW Immobilien AG FLEX	Fut	Electronic	0.2	EUR	FRPL				0.2	0.15	EUR	FRPL

Exch Code	Exch Desc	Comm Group	Prod Code	Product Desc	F/O	Platform	Trd Fee	Trd Fee Cur	Trd Fee Meth	Clr Fee	Clr Fee Cur	Clr Fee Meth	Fee Total	Brk Fee	Brk Fee Cur	Brk Fee Meth
EUREX	Eurex	Equity	GI4G	Givaudan AG FLEX	Fut	Electronic	0.3	CHF	FRPL				0.3	0.2	CHF	FRPL
EUREX	Eurex	Equity	GI5F	GSW Immobilien AG FLEX	Fut	Electronic	0.2	EUR	FRPL				0.2	0.15	EUR	FRPL
EUREX	Eurex	Equity	GI5G	Givaudan AG FLEX	Fut	Electronic	0.3	CHF	FRPL				0.3	0.2	CHF	FRPL
EUREX	Eurex	Equity	GI6F	Gecina S.A	Fut	Electronic	0.13	EUR	FRPL				0.13	0.15	EUR	FRPL
EUREX	Eurex	Equity	GIBF	GSW Immobilien AG	Fut	Electronic	0.13	EUR	FRPL				0.13	0.15	EUR	FRPL
EUREX	Eurex	Equity	GIF4	General Mills Inc FLEX	Fut	Electronic	0.3	USD	FRPL				0.3	0.2	USD	FRPL
EUREX	Eurex	Equity	GIL4	Gilead Sciences Inc FLEX	Fut	Electronic	0.3	USD	FRPL				0.3	0.2	USD	FRPL
EUREX	Eurex	Equity	GILF	Gilead Sciences Inc	Fut	Electronic	0.2	USD	FRPL				0.2	0.2	USD	FRPL
EUREX	Eurex	Equity	GISF	General Mills Inc	Fut	Electronic	0.2	USD	FRPL				0.2	0.2	USD	FRPL
EUREX	Eurex	Equity	GIVG	Givaudan AG	Fut	Electronic	0.2	CHF	FRPL				0.2	0.2	CHF	FRPL
EUREX	Eurex	Equity	GK4F	GKN PLC FLEX	Fut	Electronic	0.15	GBP	FRPL				0.15	0.15	GBP	FRPL
EUREX	Eurex	Equity	GK5F	GKN PLC FLEX	Fut	Electronic	0.15	GBP	FRPL				0.15	0.15	GBP	FRPL
EUREX	Eurex	Equity	GKNF	GKN PLC	Fut	Electronic	0.1	GBP	FRPL				0.1	0.15	GBP	FRPL
EUREX	Eurex	Equity	GL4F	Gildemeister AG FLEX	Fut	Electronic	0.2	EUR	FRPL				0.2	0.15	EUR	FRPL
EUREX	Eurex	Equity	GL5F	Gildemeister AG FLEX	Fut	Electronic	0.2	EUR	FRPL				0.2	0.15	EUR	FRPL
EUREX	Eurex	Equity	GLDF	Gildemeister AG	Fut	Electronic	0.13	EUR	FRPL				0.13	0.15	EUR	FRPL
EUREX	Eurex	Equity	GLE4	Glencore International PLC FLEX	Fut	Electronic	0.15	GBP	FRPL				0.15	0.15	GBP	FRPL
EUREX	Eurex	Equity	GLE5	Glencore International PLC FLEX	Fut	Electronic	0.15	GBP	FRPL				0.15	0.15	GBP	FRPL
EUREX	Eurex	Equity	GLEF	Glencore International PLC	Fut	Electronic	0.1	GBP	FRPL				0.1	0.15	GBP	FRPL
EUREX	Eurex	Equity	GLW4	Corning Inc FLEX	Fut	Electronic	0.3	USD	FRPL				0.3	0.2	USD	FRPL
EUREX	Eurex	Equity	GLWF	Corning Inc	Fut	Electronic	0.2	USD	FRPL				0.2	0.2	USD	FRPL
EUREX	Eurex	Equity	GM4F	Gamestop Corporation FLEX	Fut	Electronic	0.3	USD	FRPL				0.3	0.2	USD	FRPL
EUREX	Eurex	Equity	GMEF	Gamestop Corporation	Fut	Electronic	0.2	USD	FRPL				0.2	0.2	USD	FRPL
EUREX	Eurex	Equity	GN4F	Grafton Group PLC FLEX	Fut	Electronic	0.2	EUR	FRPL				0.2	0.15	EUR	FRPL
EUREX	Eurex	Equity	GN5F	Grafton Group PLC	Fut	Electronic	0.13	EUR	FRPL				0.13	0.15	EUR	FRPL
EUREX	Eurex	Equity	GO14	Pharmstandard OJSC FLEX	Fut	Electronic	0.3	USD	FRPL				0.3	0.2	USD	FRPL
EUREX	Eurex	Equity	GO1F	Pharmstandard OJSC	Fut	Electronic	0.2	USD	FRPL				0.2	0.2	USD	FRPL
EUREX	Eurex	Equity	GO4G	Saint-Gobain S.A FLEX	Fut	Electronic	0.2	EUR	FRPL				0.2	0.15	EUR	FRPL
EUREX	Eurex	Equity	GO5G	Saint-Gobain S.A FLEX	Fut	Electronic	0.2	EUR	FRPL				0.2	0.15	EUR	FRPL
EUREX	Eurex	Equity	GOBG	Saint-Gobain S.A	Fut	Electronic	0.13	EUR	FRPL				0.13	0.15	EUR	FRPL
EUREX	Eurex	Equity	GOO4	Google Inc FLEX	Fut	Electronic	0.3	USD	FRPL				0.3	0.2	USD	FRPL
EUREX	Eurex	Equity	GOOF	Google Inc	Fut	Electronic	0.2	USD	FRPL				0.2	0.2	USD	FRPL
EUREX	Eurex	Equity	GOS4	Goldman Sachs Group Inc FLEX	Fut	Electronic	0.3	USD	FRPL				0.3	0.2	USD	FRPL
EUREX	Eurex	Equity	GOSF	Goldman Sachs Group Inc	Fut	Electronic	0.2	USD	FRPL				0.2	0.2	USD	FRPL
EUREX	Eurex	Equity	GR4F	SEB S.A FLEX	Fut	Electronic	0.2	EUR	FRPL				0.2	0.15	EUR	FRPL
EUREX	Eurex	Equity	GR5F	SEB S.A FLEX	Fut	Electronic	0.2	EUR	FRPL				0.2	0.15	EUR	FRPL
EUREX	Eurex	Equity	GRBF	SEB S.A	Fut	Electronic	0.13	EUR	FRPL				0.13	0.15	EUR	FRPL
EUREX	Eurex	Equity	GS4G	GlaxoSmithkline PLC FLEX	Fut	Electronic	0.15	GBP	FRPL				0.15	0.15	GBP	FRPL
EUREX	Eurex	Equity	GS5G	GlaxoSmithkline PLC FLEX	Fut	Electronic	0.15	GBP	FRPL				0.15	0.15	GBP	FRPL
EUREX	Eurex	Equity	GSKG	GlaxoSmithkline PLC	Fut	Electronic	0.1	GBP	FRPL				0.1	0.15	GBP	FRPL
EUREX	Eurex	Equity	GT4F	Gamesa Corporacion Tecnologica S.A FLEX	Fut	Electronic	0.2	EUR	FRPL				0.2	0.15	EUR	FRPL
EUREX	Eurex	Equity	GTC4	Globe Trade Centre SA FLEX	Fut	Electronic	0.2	EUR	FRPL				0.2	0.15	EUR	FRPL
EUREX	Eurex	Equity	GTCF	Globe Trade Centre SA	Fut	Electronic	0.13	EUR	FRPL				0.13	0.15	EUR	FRPL
EUREX	Eurex	Equity	GTNF	Getin Holding SA	Fut	Electronic	0.13	EUR	FRPL				0.13	0.15	EUR	FRPL
EUREX	Eurex	Equity	GTQF	Gamesa Corporacion Tecnologica S.A	Fut	Electronic	0.13	EUR	FRPL				0.13	0.15	EUR	FRPL
EUREX	Eurex	Equity	GW4F	GerryWeber Int AG FLEX	Fut	Electronic	0.2	EUR	FRPL				0.2	0.15	EUR	FRPL
EUREX	Eurex	Equity	GW5F	GerryWeber Int AG FLEX	Fut	Electronic	0.2	EUR	FRPL				0.2	0.15	EUR	FRPL
EUREX	Eurex	Equity	GWIF	GerryWeber Int AG	Fut	Electronic	0.13	EUR	FRPL				0.13	0.15	EUR	FRPL
EUREX	Eurex	Equity	GX4F	Gerresheimer AG FLEX	Fut	Electronic	0.2	EUR	FRPL				0.2	0.15	EUR	FRPL
EUREX	Eurex	Equity	GX5F	Gerresheimer AG FLEX	Fut	Electronic	0.2	EUR	FRPL				0.2	0.15	EUR	FRPL
EUREX	Eurex	Equity	GXIF	Gerresheimer AG	Fut	Electronic	0.13	EUR	FRPL				0.13	0.15	EUR	FRPL
EUREX	Eurex	Equity	GZ4G	GDF Suez S.A FLEX	Fut	Electronic	0.2	EUR	FRPL				0.2	0.15	EUR	FRPL
EUREX	Eurex	Equity	GZ5G	GDF Suez S.A FLEX	Fut	Electronic	0.2	EUR	FRPL				0.2	0.15	EUR	FRPL
EUREX	Eurex	Equity	GZFG	GDF Suez S.A	Fut	Electronic	0.13	EUR	FRPL				0.13	0.15	EUR	FRPL
EUREX	Eurex	Equity	H2SB	HSBC Holdings PLC Dividend	Fut	Electronic	1.2	USD	FRPL				1.2	0.2	USD	FRPL
EUREX	Eurex	Equity	HA4G	Havas S.A FLEX	Fut	Electronic	0.2	EUR	FRPL				0.2	0.15	EUR	FRPL
EUREX	Eurex	Equity	HA5G	Havas S.A FLEX	Fut	Electronic	0.2	EUR	FRPL				0.2	0.15	EUR	FRPL
EUREX	Eurex	Equity	HAL4	Halliburton Co FLEX	Fut	Electronic	0.3	USD	FRPL				0.3	0.2	USD	FRPL
EUREX	Eurex	Equity	HALF	Halliburton Co	Fut	Electronic	0.2	USD	FRPL				0.2	0.2	USD	FRPL

Exch Code	Exch Desc	Comm Group	Prod Code	Product Desc	F/O	Platform	Trd Fee	Trd Fee Cur	Trd Fee Meth	Clr Fee	Clr Fee Cur	Clr Fee Meth	Fee Total	Brk Fee	Brk Fee Cur	Brk Fee Meth
EUREX	Eurex	Equity	HAVG	Havas S.A	Fut	Electronic	0.13	EUR	FRPL				0.13	0.15	EUR	FRPL
EUREX	Eurex	Equity	HC4G	Coca Cola Hellenic Bottling Co S.A FLEX	Fut	Electronic	0.2	EUR	FRPL				0.2	0.15	EUR	FRPL
EUREX	Eurex	Equity	HCBG	Coca Cola Hellenic Bottling Co S.A	Fut	Electronic	0.13	EUR	FRPL				0.13	0.15	EUR	FRPL
EUREX	Eurex	Equity	HD4G	Heidelberger Druckmaschinen AG FLEX	Fut	Electronic	0.2	EUR	FRPL				0.2	0.15	EUR	FRPL
EUREX	Eurex	Equity	HD4H	Azimut Holding SpA FLEX	Fut	Electronic	0.2	EUR	FRPL				0.2	0.15	EUR	FRPL
EUREX	Eurex	Equity	HD5G	Heidelberger Druckmaschinen AG FLEX	Fut	Electronic	0.2	EUR	FRPL				0.2	0.15	EUR	FRPL
EUREX	Eurex	Equity	HD5H	Azimut Holding SpA FLEX	Fut	Electronic	0.2	EUR	FRPL				0.2	0.15	EUR	FRPL
EUREX	Eurex	Equity	HDBH	Azimut Holding SpA	Fut	Electronic	0.13	EUR	FRPL				0.13	0.15	EUR	FRPL
EUREX	Eurex	Equity	HDDG	Heidelberger Druckmaschinen AG	Fut	Electronic	0.13	EUR	FRPL				0.13	0.15	EUR	FRPL
EUREX	Eurex	Equity	HDF4	The Home Depot Inc FLEX	Fut	Electronic	0.3	USD	FRPL				0.3	0.2	USD	FRPL
EUREX	Eurex	Equity	HDFF	The Home Depot Inc	Fut	Electronic	0.2	USD	FRPL				0.2	0.2	USD	FRPL
EUREX	Eurex	Equity	HE4G	Henkel AG & Co KGaA Pref FLEX	Fut	Electronic	0.2	EUR	FRPL				0.2	0.15	EUR	FRPL
EUREX	Eurex	Equity	HE5G	Henkel AG & Co KGaA Pref FLEX	Fut	Electronic	0.2	EUR	FRPL				0.2	0.15	EUR	FRPL
EUREX	Eurex	Equity	HE94	HERA SPA FLEX	Fut	Electronic	0.2	EUR	FRPL				0.2	0.15	EUR	FRPL
EUREX	Eurex	Equity	HE95	HERA SPA FLEX	Fut	Electronic	0.2	EUR	FRPL				0.2	0.15	EUR	FRPL
EUREX	Eurex	Equity	HE9F	HERA SPA	Fut	Electronic	0.13	EUR	FRPL				0.13	0.15	EUR	FRPL
EUREX	Eurex	Equity	HEF4	HeidelbergCement AG FLEX	Fut	Electronic	0.2	EUR	FRPL				0.2	0.15	EUR	FRPL
EUREX	Eurex	Equity	HEF5	HeidelbergCement AG FLEX	Fut	Electronic	0.2	EUR	FRPL				0.2	0.15	EUR	FRPL
EUREX	Eurex	Equity	HEFG	HeidelbergCement AG	Fut	Electronic	0.13	EUR	FRPL				0.13	0.15	EUR	FRPL
EUREX	Eurex	Equity	HEH4	Heineken Holding N.V FLEX	Fut	Electronic	0.2	EUR	FRPL				0.2	0.15	EUR	FRPL
EUREX	Eurex	Equity	HEH5	Heineken Holding N.V FLEX	Fut	Electronic	0.2	EUR	FRPL				0.2	0.15	EUR	FRPL
EUREX	Eurex	Equity	HEHF	Heineken Holding N.V	Fut	Electronic	0.13	EUR	FRPL				0.13	0.15	EUR	FRPL
EUREX	Eurex	Equity	HENG	Henkel AG & Co KGaA Pref	Fut	Electronic	0.13	EUR	FRPL				0.13	0.15	EUR	FRPL
EUREX	Eurex	Equity	HES4	Henkel AG & Co KGaA FLEX	Fut	Electronic	0.2	EUR	FRPL				0.2	0.15	EUR	FRPL
EUREX	Eurex	Equity	HES5	Henkel AG & Co KGaA FLEX	Fut	Electronic	0.2	EUR	FRPL				0.2	0.15	EUR	FRPL
EUREX	Eurex	Equity	HESF	Henkel AG & Co KGaA	Fut	Electronic	0.13	EUR	FRPL				0.13	0.15	EUR	FRPL
EUREX	Eurex	Weather	HF32	Hurricane Futures Florida 30bn 2012	Fut	Electronic	5	USD	FRPL				5	0.15	EUR	FRPL
EUREX	Eurex	Weather	HF33	Hurricane Futures Florida 30bn 2013	Fut	Electronic	5	USD	FRPL				5	0.15	EUR	FRPL
EUREX	Eurex	Weather	HF42	Hurricane Futures Florida 40bn 2012	Fut	Electronic	5	USD	FRPL				5	0.15	EUR	FRPL
EUREX	Eurex	Weather	HF43	Hurricane Futures Florida 40bn 2013	Fut	Electronic	5	USD	FRPL				5	0.15	EUR	FRPL
EUREX	Eurex	Weather	HF52	Hurricane Futures Florida 50bn 2012	Fut	Electronic	5	USD	FRPL				5	0.15	EUR	FRPL
EUREX	Eurex	Weather	HF53	Hurricane Futures Florida 50bn 2013	Fut	Electronic	5	USD	FRPL				5	0.15	EUR	FRPL
EUREX	Eurex	Weather	HG12	Hurricane Futures Gulf 10bn 2012	Fut	Electronic	5	USD	FRPL				5	0.15	EUR	FRPL
EUREX	Eurex	Weather	HG13	Hurricane Futures Gulf 10bn 2013	Fut	Electronic	5	USD	FRPL				5	0.15	EUR	FRPL
EUREX	Eurex	Weather	HG22	Hurricane Futures Gulf 20bn 2012	Fut	Electronic	5	USD	FRPL				5	0.15	EUR	FRPL
EUREX	Eurex	Weather	HG23	Hurricane Futures Gulf 20bn 2013	Fut	Electronic	5	USD	FRPL				5	0.15	EUR	FRPL
EUREX	Eurex	Equity	HG4F	hhgregg Inc FLEX	Fut	Electronic	0.3	USD	FRPL				0.3	0.2	USD	FRPL
EUREX	Eurex	Equity	HGGF	hhgregg Inc	Fut	Electronic	0.2	USD	FRPL				0.2	0.2	USD	FRPL
EUREX	Eurex	Equity	HH4F	Hamburger Hafen und Logistik AG FLEX	Fut	Electronic	0.2	EUR	FRPL				0.2	0.15	EUR	FRPL
EUREX	Eurex	Equity	HH5F	Hamburger Hafen und Logistik AG FLEX	Fut	Electronic	0.2	EUR	FRPL				0.2	0.15	EUR	FRPL
EUREX	Eurex	Equity	HHLF	Hamburger Hafen und Logistik AG	Fut	Electronic	0.13	EUR	FRPL				0.13	0.15	EUR	FRPL
EUREX	Eurex	Index	HICP	Euro-Inflation (HICP)	Fut	Electronic	0.5	EUR	FRPL				0.5	0.15	EUR	FRPL
EUREX	Eurex	Equity	HM4G	Hammerson PLC FLEX	Fut	Electronic	0.15	GBP	FRPL				0.15	0.15	GBP	FRPL
EUREX	Eurex	Equity	HM4H	Hermes International S.A FLEX	Fut	Electronic	0.2	EUR	FRPL				0.2	0.15	EUR	FRPL
EUREX	Eurex	Equity	HM5G	Hammerson PLC FLEX	Fut	Electronic	0.15	GBP	FRPL				0.15	0.15	GBP	FRPL
EUREX	Eurex	Equity	HM5H	Hermes International S.A FLEX	Fut	Electronic	0.2	EUR	FRPL				0.2	0.15	EUR	FRPL
EUREX	Eurex	Equity	HMIH	Hermes International S.A	Fut	Electronic	0.13	EUR	FRPL				0.13	0.15	EUR	FRPL
EUREX	Eurex	Equity	HMSG	Hammerson PLC	Fut	Electronic	0.1	GBP	FRPL				0.1	0.15	GBP	FRPL
EUREX	Eurex	Equity	HN4G	Hannover Ruckversicherung AG FLEX	Fut	Electronic	0.2	EUR	FRPL				0.2	0.15	EUR	FRPL
EUREX	Eurex	Equity	HN5G	Hannover Ruckversicherung AG FLEX	Fut	Electronic	0.2	EUR	FRPL				0.2	0.15	EUR	FRPL
EUREX	Eurex	Equity	HNK4	Heineken N.V FLEX	Fut	Electronic	0.2	EUR	FRPL				0.2	0.15	EUR	FRPL
EUREX	Eurex	Equity	HNK5	Heineken N.V FLEX	Fut	Electronic	0.2	EUR	FRPL				0.2	0.15	EUR	FRPL
EUREX	Eurex	Equity	HNKF	Heineken N.V	Fut	Electronic	0.13	EUR	FRPL				0.13	0.15	EUR	FRPL
EUREX	Eurex	Equity	HNRG	Hannover Ruckversicherung AG	Fut	Electronic	0.13	EUR	FRPL				0.13	0.15	EUR	FRPL
EUREX	Eurex	Equity	HO4F	Hochtief AG FLEX	Fut	Electronic	0.2	EUR	FRPL				0.2	0.15	EUR	FRPL
EUREX	Eurex	Equity	HO4H	Holcim Ltd FLEX	Fut	Electronic	0.3	CHF	FRPL				0.3	0.2	CHF	FRPL
EUREX	Eurex	Equity	HO5F	Hochtief AG FLEX	Fut	Electronic	0.2	EUR	FRPL				0.2	0.15	EUR	FRPL
EUREX	Eurex	Equity	HO5H	Holcim Ltd FLEX	Fut	Electronic	0.3	CHF	FRPL				0.3	0.2	CHF	FRPL
EUREX	Eurex	Equity	HOLH	Holcim Ltd	Fut	Electronic	0.2	CHF	FRPL				0.2	0.2	CHF	FRPL

Exch Code	Exch Desc	Comm Group	Prod Code	Product Desc	F/O	Platform	Trd Fee	Trd Fee Cur	Trd Fee Meth	Clr Fee	Clr Fee Cur	Clr Fee Meth	Fee Total	Brk Fee	Brk Fee Cur	Brk Fee Meth
EUREX	Eurex	Equity	HOM4	Home Retail Group PLC FLEX	Fut	Electronic	0.15	GBP	FRPL				0.15	0.15	GBP	FRPL
EUREX	Eurex	Equity	HOM5	Home Retail Group PLC FLEX	Fut	Electronic	0.15	GBP	FRPL				0.15	0.15	GBP	FRPL
EUREX	Eurex	Equity	HOMF	Home Retail Group PLC	Fut	Electronic	0.1	GBP	FRPL				0.1	0.15	GBP	FRPL
EUREX	Eurex	Equity	HON4	Honeywell International Inc FLEX	Fut	Electronic	0.3	USD	FRPL				0.3	0.2	USD	FRPL
EUREX	Eurex	Equity	HONF	Honeywell International Inc	Fut	Electronic	0.2	USD	FRPL				0.2	0.2	USD	FRPL
EUREX	Eurex	Equity	HOTF	Hochtief AG	Fut	Electronic	0.13	EUR	FRPL				0.13	0.15	EUR	FRPL
EUREX	Eurex	Equity	HP4F	Hewlett-Packard Co FLEX	Fut	Electronic	0.3	USD	FRPL				0.3	0.2	USD	FRPL
EUREX	Eurex	Equity	HPQF	Hewlett-Packard Co	Fut	Electronic	0.2	USD	FRPL				0.2	0.2	USD	FRPL
EUREX	Eurex	Equity	HS4G	HSBC Holdings PLC FLEX	Fut	Electronic	0.15	GBP	FRPL				0.15	0.15	GBP	FRPL
EUREX	Eurex	Equity	HS5G	HSBC Holdings PLC FLEX	Fut	Electronic	0.15	GBP	FRPL				0.15	0.15	GBP	FRPL
EUREX	Eurex	Equity	HSBG	HSBC Holdings PLC	Fut	Electronic	0.1	GBP	FRPL				0.1	0.15	GBP	FRPL
EUREX	Eurex	Weather	HU13	Hurricane Futures USA 10bn 2013	Fut	Electronic	5	USD	FRPL				5	0.15	EUR	FRPL
EUREX	Eurex	Weather	HU22	Hurricane Futures USA 20bn 2012	Fut	Electronic	5	USD	FRPL				5	0.15	EUR	FRPL
EUREX	Eurex	Weather	HU23	Hurricane Futures USA 20bn 2013	Fut	Electronic	5	USD	FRPL				5	0.15	EUR	FRPL
EUREX	Eurex	Weather	HU32	Hurricane Futures USA 30bn 2012	Fut	Electronic	5	USD	FRPL				5	0.15	EUR	FRPL
EUREX	Eurex	Weather	HU33	Hurricane Futures USA 30bn 2013	Fut	Electronic	5	USD	FRPL				5	0.15	EUR	FRPL
EUREX	Eurex	Weather	HU42	Hurricane Futures USA 40bn 2012	Fut	Electronic	5	USD	FRPL				5	0.15	EUR	FRPL
EUREX	Eurex	Weather	HU43	Hurricane Futures USA 40bn 2013	Fut	Electronic	5	USD	FRPL				5	0.15	EUR	FRPL
EUREX	Eurex	Equity	HU4F	Huhtamaki Ojy FLEX	Fut	Electronic	0.2	EUR	FRPL				0.2	0.15	EUR	FRPL
EUREX	Eurex	Weather	HU52	Hurricane Futures USA 50bn 2012	Fut	Electronic	5	USD	FRPL				5	0.15	EUR	FRPL
EUREX	Eurex	Weather	HU53	Hurricane Futures USA 50bn 2013	Fut	Electronic	5	USD	FRPL				5	0.15	EUR	FRPL
EUREX	Eurex	Equity	HU5F	Huhtamaki Ojy FLEX	Fut	Electronic	0.2	EUR	FRPL				0.2	0.15	EUR	FRPL
EUREX	Eurex	Equity	HUKF	Huhtamaki Ojy	Fut	Electronic	0.13	EUR	FRPL				0.13	0.15	EUR	FRPL
EUREX	Eurex	Equity	HW4F	Harry Winston Diamond Corporation FLEX	Fut	Electronic	0.3	USD	FRPL				0.3	0.2	USD	FRPL
EUREX	Eurex	Equity	HWDF	Harry Winston Diamond Corporation	Fut	Electronic	0.2	USD	FRPL				0.2	0.2	USD	FRPL
EUREX	Eurex	Equity	I2BE	Iberdrola S.A Dividend	Fut	Electronic	1.2	EUR	FRPL				1.2	0.15	EUR	FRPL
EUREX	Eurex	Equity	I2ES	Intesa Sanpaolo S.p.A Dividend	Fut	Electronic	0.4	EUR	FRPL				0.4	0.15	EUR	FRPL
EUREX	Eurex	Equity	I2NN	ING Groep N.V Dividend	Fut	Electronic	1.2	EUR	FRPL				1.2	0.15	EUR	FRPL
EUREX	Eurex	Equity	I2SP	ArcelorMittal S.A Dividend	Fut	Electronic	1.2	EUR	FRPL				1.2	0.15	EUR	FRPL
EUREX	Eurex	Equity	I2TK	Anheuser-Busch InBev N.V/SA Dividend	Fut	Electronic	1.2	EUR	FRPL				1.2	0.15	EUR	FRPL
EUREX	Eurex	Equity	I2XD	Inditex S.A Dividend	Fut	Electronic	1.2	EUR	FRPL				1.2	0.15	EUR	FRPL
EUREX	Eurex	Equity	I3ES	Intesa Sanpaolo S.p.A Dividend	Fut	Electronic	0.4	EUR	FRPL				0.4	0.15	EUR	FRPL
EUREX	Eurex	Equity	I3XD	Inditex S.A Dividend	Fut	Electronic	1.2	EUR	FRPL				1.2	0.15	EUR	FRPL
EUREX	Eurex	Equity	I41F	Intertek Group PLC FLEX	Fut	Electronic	0.15	GBP	FRPL				0.15	0.15	GBP	FRPL
EUREX	Eurex	Equity	I43F	Royal Imtech N.V. FLEX	Fut	Electronic	0.2	EUR	FRPL				0.2	0.15	EUR	FRPL
EUREX	Eurex	Equity	I4LF	Iamgold Corporation FLEX	Fut	Electronic	0.3	USD	FRPL				0.3	0.2	USD	FRPL
EUREX	Eurex	Equity	I4MF	Turquoise Hill Resources Ltd FLEX	Fut	Electronic	0.3	USD	FRPL				0.3	0.2	USD	FRPL
EUREX	Eurex	Equity	I4OG	IMMOFINANZ AG FLEX	Fut	Electronic	0.2	EUR	FRPL				0.2	0.15	EUR	FRPL
EUREX	Eurex	Equity	I4PF	Imperial Oil Ltd FLEX	Fut	Electronic	0.3	USD	FRPL				0.3	0.2	USD	FRPL
EUREX	Eurex	Equity	I51F	Intertek Group PLC FLEX	Fut	Electronic	0.15	GBP	FRPL				0.15	0.15	GBP	FRPL
EUREX	Eurex	Equity	I53F	Royal Imtech N.V. FLEX	Fut	Electronic	0.2	EUR	FRPL				0.2	0.15	EUR	FRPL
EUREX	Eurex	Equity	I54F	Itau Unibanco Holding SA FLEX	Fut	Electronic	0.3	USD	FRPL				0.3	0.2	USD	FRPL
EUREX	Eurex	Equity	I5OG	IMMOFINANZ AG FLEX	Fut	Electronic	0.2	EUR	FRPL				0.2	0.15	EUR	FRPL
EUREX	Eurex	Equity	I5UF	Itau Unibanco Holding SA	Fut	Electronic	0.2	USD	FRPL				0.2	0.2	USD	FRPL
EUREX	Eurex	Equity	IA4F	ICAP PLC FLEX	Fut	Electronic	0.15	GBP	FRPL				0.15	0.15	GBP	FRPL
EUREX	Eurex	Equity	IA5F	ICAP PLC FLEX	Fut	Electronic	0.15	GBP	FRPL				0.15	0.15	GBP	FRPL
EUREX	Eurex	Equity	IALF	Iamgold Corporation	Fut	Electronic	0.2	USD	FRPL				0.2	0.2	USD	FRPL
EUREX	Eurex	Equity	IAPF	ICAP PLC	Fut	Electronic	0.1	GBP	FRPL				0.1	0.15	GBP	FRPL
EUREX	Eurex	Equity	IB4F	IBM Corp FLEX	Fut	Electronic	0.3	USD	FRPL				0.3	0.2	USD	FRPL
EUREX	Eurex	Equity	IB4G	Iberdrola S.A FLEX	Fut	Electronic	0.2	EUR	FRPL				0.2	0.15	EUR	FRPL
EUREX	Eurex	Equity	IB5P	Iberdrola S.A FLEX	Fut	Electronic	0.2	EUR	FRPL				0.2	0.15	EUR	FRPL
EUREX	Eurex	Equity	IBEG	Iberdrola S.A	Fut	Electronic	0.13	EUR	FRPL				0.13	0.15	EUR	FRPL
EUREX	Eurex	Equity	IBEP	Iberdrola S.A	Fut	Electronic	0.13	EUR	FRPL				0.13	0.15	EUR	FRPL
EUREX	Eurex	Equity	IBMF	IBM Corp	Fut	Electronic	0.2	USD	FRPL				0.2	0.2	USD	FRPL
EUREX	Eurex	Equity	IC4F	Intercell AG FLEX	Fut	Electronic	0.2	EUR	FRPL				0.2	0.15	EUR	FRPL
EUREX	Eurex	Equity	IC4G	Icade S.A FLEX	Fut	Electronic	0.2	EUR	FRPL				0.2	0.15	EUR	FRPL
EUREX	Eurex	Equity	IC5F	Intercell AG FLEX	Fut	Electronic	0.2	EUR	FRPL				0.2	0.15	EUR	FRPL
EUREX	Eurex	Equity	IC5G	Icade S.A FLEX	Fut	Electronic	0.2	EUR	FRPL				0.2	0.15	EUR	FRPL
EUREX	Eurex	Equity	ICAG	Icade S.A.	Fut	Electronic	0.13	EUR	FRPL				0.13	0.15	EUR	FRPL

Exch Code	Exch Desc	Comm Group	Prod Code	Product Desc	F/O	Platform	Trd Fee	Trd Fee Cur	Trd Fee Meth	Clr Fee	Clr Fee Cur	Clr Fee Meth	Fee Total	Brk Fee	Brk Fee Cur	Brk Fee Meth
EUREX	Eurex	Equity	ICLF	Intercell AG	Fut	Electronic	0.13	EUR	FRPL				0.13	0.15	EUR	FRPL
EUREX	Eurex	Equity	ID4F	Indra Sistemas S.A FLEX	Fut	Electronic	0.2	EUR	FRPL				0.2	0.15	EUR	FRPL
EUREX	Eurex	Equity	IDAF	Indra Sistemas S.A	Fut	Electronic	0.13	EUR	FRPL				0.13	0.15	EUR	FRPL
EUREX	Eurex	Equity	IE4I	Intesa Sanpaolo S.p.A FLEX	Fut	Electronic	0.2	EUR	FRPL				0.2	0.15	EUR	FRPL
EUREX	Eurex	Equity	IE5I	Intesa Sanpaolo S.p.A FLEX	Fut	Electronic	0.2	EUR	FRPL				0.2	0.15	EUR	FRPL
EUREX	Eurex	Equity	IESI	Intesa Sanpaolo S.p.A	Fut	Electronic	0.13	EUR	FRPL				0.13	0.15	EUR	FRPL
EUREX	Eurex	Equity	IF4G	Infineon Technologies AG FLEX	Fut	Electronic	0.2	EUR	FRPL				0.2	0.15	EUR	FRPL
EUREX	Eurex	Equity	IF5G	Infineon Technologies AG FLEX	Fut	Electronic	0.2	EUR	FRPL				0.2	0.15	EUR	FRPL
EUREX	Eurex	Equity	IFXG	Infineon Technologies AG	Fut	Electronic	0.13	EUR	FRPL				0.13	0.15	EUR	FRPL
EUREX	Eurex	Equity	IG4F	International Game Technology FLEX	Fut	Electronic	0.3	USD	FRPL				0.3	0.2	USD	FRPL
EUREX	Eurex	Equity	IGTF	International Game Technology	Fut	Electronic	0.2	USD	FRPL				0.2	0.2	USD	FRPL
EUREX	Eurex	Equity	IH4F	InterContinental Hotels Group PLC FLEX	Fut	Electronic	0.15	GBP	FRPL				0.15	0.15	GBP	FRPL
EUREX	Eurex	Equity	IH4G	SBM Offshore N.V FLEX	Fut	Electronic	0.2	EUR	FRPL				0.2	0.15	EUR	FRPL
EUREX	Eurex	Equity	IH5F	InterContinental Hotels Group PLC FLEX	Fut	Electronic	0.15	GBP	FRPL				0.15	0.15	GBP	FRPL
EUREX	Eurex	Equity	IH5G	SBM Offshore N.V FLEX	Fut	Electronic	0.2	EUR	FRPL				0.2	0.15	EUR	FRPL
EUREX	Eurex	Equity	IHCG	SBM Offshore N.V	Fut	Electronic	0.13	EUR	FRPL				0.13	0.15	EUR	FRPL
EUREX	Eurex	Equity	IHGF	InterContinental Hotels Group PLC	Fut	Electronic	0.1	GBP	FRPL				0.1	0.15	GBP	FRPL
EUREX	Eurex	Equity	IHMF	Turquoise Hill Resources Ltd	Fut	Electronic	0.2	USD	FRPL				0.2	0.2	USD	FRPL
EUREX	Eurex	Equity	II4G	Exor S.p.A FLEX	Fut	Electronic	0.2	EUR	FRPL				0.2	0.15	EUR	FRPL
EUREX	Eurex	Equity	II5G	Exor S.p.A FLEX	Fut	Electronic	0.2	EUR	FRPL				0.2	0.15	EUR	FRPL
EUREX	Eurex	Equity	III4	3i Group PLC FLEX	Fut	Electronic	0.15	GBP	FRPL				0.15	0.15	GBP	FRPL
EUREX	Eurex	Equity	III5	3i Group PLC FLEX	Fut	Electronic	0.15	GBP	FRPL				0.15	0.15	GBP	FRPL
EUREX	Eurex	Equity	IIIF	3i Group PLC	Fut	Electronic	0.1	GBP	FRPL				0.1	0.15	GBP	FRPL
EUREX	Eurex	Equity	IILG	Exor S.p.A	Fut	Electronic	0.13	EUR	FRPL				0.13	0.15	EUR	FRPL
EUREX	Eurex	Equity	IL4F	Iliad S.A FLEX	Fut	Electronic	0.2	EUR	FRPL				0.2	0.15	EUR	FRPL
EUREX	Eurex	Equity	IL4G	Permanent TSB Group Holdings PLC FLEX	Fut	Electronic	0.2	EUR	FRPL				0.2	0.15	EUR	FRPL
EUREX	Eurex	Equity	IL5F	Iliad S.A FLEX	Fut	Electronic	0.2	EUR	FRPL				0.2	0.15	EUR	FRPL
EUREX	Eurex	Equity	ILBG	Permanent TSB Group Holdings PLC	Fut	Electronic	0.13	EUR	FRPL				0.13	0.15	EUR	FRPL
EUREX	Eurex	Equity	ILDF	Iliad S.A	Fut	Electronic	0.13	EUR	FRPL				0.13	0.15	EUR	FRPL
EUREX	Eurex	Equity	IM4G	Imperial Tobacco Group PLC FLEX	Fut	Electronic	0.15	GBP	FRPL				0.15	0.15	GBP	FRPL
EUREX	Eurex	Equity	IM5G	Imperial Tobacco Group PLC FLEX	Fut	Electronic	0.15	GBP	FRPL				0.15	0.15	GBP	FRPL
EUREX	Eurex	Equity	IMI4	IMI PLC FLEX	Fut	Electronic	0.15	GBP	FRPL				0.15	0.15	GBP	FRPL
EUREX	Eurex	Equity	IMI5	IMI PLC FLEX	Fut	Electronic	0.15	GBP	FRPL				0.15	0.15	GBP	FRPL
EUREX	Eurex	Equity	IMIF	IMI PLC	Fut	Electronic	0.1	GBP	FRPL				0.1	0.15	GBP	FRPL
EUREX	Eurex	Equity	IMOG	IMMOFINANZ AG	Fut	Electronic	0.13	EUR	FRPL				0.13	0.15	EUR	FRPL
EUREX	Eurex	Equity	IMPF	Imperial Oil Ltd	Fut	Electronic	0.2	USD	FRPL				0.2	0.2	USD	FRPL
EUREX	Eurex	Equity	IMTG	Imperial Tobacco Group PLC	Fut	Electronic	0.1	GBP	FRPL				0.1	0.15	GBP	FRPL
EUREX	Eurex	Equity	IN4F	International Consolidated Airline Group FLEX	Fut	Electronic	0.2	EUR	FRPL				0.2	0.15	EUR	FRPL
EUREX	Eurex	Equity	IN4G	ING Groep N.V FLEX	Fut	Electronic	0.2	EUR	FRPL				0.2	0.15	EUR	FRPL
EUREX	Eurex	Equity	IN5G	ING Groep N.V FLEX	Fut	Electronic	0.2	EUR	FRPL				0.2	0.15	EUR	FRPL
EUREX	Eurex	Equity	INC4	Inchcape PLC FLEX	Fut	Electronic	0.15	GBP	FRPL				0.15	0.15	GBP	FRPL
EUREX	Eurex	Equity	INC5	Inchcape PLC FLEX	Fut	Electronic	0.15	GBP	FRPL				0.15	0.15	GBP	FRPL
EUREX	Eurex	Equity	INCF	Inchcape PLC	Fut	Electronic	0.1	GBP	FRPL				0.1	0.15	GBP	FRPL
EUREX	Eurex	Equity	INF4	Informa PLC FLEX	Fut	Electronic	0.15	GBP	FRPL				0.15	0.15	GBP	FRPL
EUREX	Eurex	Equity	INF5	Informa PLC FLEX	Fut	Electronic	0.15	GBP	FRPL				0.15	0.15	GBP	FRPL
EUREX	Eurex	Equity	INFF	Informa PLC	Fut	Electronic	0.1	GBP	FRPL				0.1	0.15	GBP	FRPL
EUREX	Eurex	Equity	INNG	ING Groep N.V	Fut	Electronic	0.13	EUR	FRPL				0.13	0.15	EUR	FRPL
EUREX	Eurex	Equity	INRF	International Consolidated Airline Group	Fut	Electronic	0.13	EUR	FRPL				0.13	0.15	EUR	FRPL
EUREX	Eurex	Equity	INT4	Intel Corp FLEX	Fut	Electronic	0.3	USD	FRPL				0.3	0.2	USD	FRPL
EUREX	Eurex	Equity	INTF	Intel Corp	Fut	Electronic	0.2	USD	FRPL				0.2	0.2	USD	FRPL
EUREX	Eurex	Equity	INV4	Investec PLC FLEX	Fut	Electronic	0.15	GBP	FRPL				0.15	0.15	GBP	FRPL
EUREX	Eurex	Equity	INV5	Investec PLC FLEX	Fut	Electronic	0.15	GBP	FRPL				0.15	0.15	GBP	FRPL
EUREX	Eurex	Equity	INVF	Investec PLC	Fut	Electronic	0.1	GBP	FRPL				0.1	0.15	GBP	FRPL
EUREX	Eurex	Equity	IP4G	Independent News and Media PLC FLEX	Fut	Electronic	0.2	EUR	FRPL				0.2	0.15	EUR	FRPL
EUREX	Eurex	Equity	IPDG	Independent News and Media PLC	Fut	Electronic	0.13	EUR	FRPL				0.13	0.15	EUR	FRPL
EUREX	Eurex	Equity	IR3F	Royal Imtech N.V.	Fut	Electronic	0.13	EUR	FRPL				0.13	0.15	EUR	FRPL
EUREX	Eurex	Equity	IS4G	ArcelorMittal S.A FLEX	Fut	Electronic	0.2	EUR	FRPL				0.2	0.15	EUR	FRPL
EUREX	Eurex	Equity	IS5G	ArcelorMittal S.A FLEX	Fut	Electronic	0.2	EUR	FRPL				0.2	0.15	EUR	FRPL
EUREX	Eurex	Equity	ISA4	Inmarsat PLC FLEX	Fut	Electronic	0.15	GBP	FRPL				0.15	0.15	GBP	FRPL

Exch Code	Exch Desc	Comm Group	Prod Code	Product Desc	F/O	Platform	Trd Fee	Trd Fee Cur	Trd Fee Meth	Clr Fee	Clr Fee Cur	Clr Fee Meth	Fee Total	Brk Fee	Brk Fee Cur	Brk Fee Meth
EUREX	Eurex	Equity	ISA5	Inmarsat PLC FLEX	Fut	Electronic	0.15	GBP	FRPL				0.15	0.15	GBP	FRPL
EUREX	Eurex	Equity	ISAF	Inmarsat PLC	Fut	Electronic	0.1	GBP	FRPL				0.1	0.15	GBP	FRPL
EUREX	Eurex	Equity	ISPG	ArcelorMittal S.A	Fut	Electronic	0.13	EUR	FRPL				0.13	0.15	EUR	FRPL
EUREX	Eurex	Equity	ISY4	Invensys PLC FLEX	Fut	Electronic	0.15	GBP	FRPL				0.15	0.15	GBP	FRPL
EUREX	Eurex	Equity	ISY5	Invensys PLC FLEX	Fut	Electronic	0.15	GBP	FRPL				0.15	0.15	GBP	FRPL
EUREX	Eurex	Equity	ISYF	Invensys PLC	Fut	Electronic	0.1	GBP	FRPL				0.1	0.15	GBP	FRPL
EUREX	Eurex	Equity	IT1F	Intertek Group PLC	Fut	Electronic	0.1	GBP	FRPL				0.1	0.15	GBP	FRPL
EUREX	Eurex	Equity	IT4H	Italcementi S.p.A FLEX	Fut	Electronic	0.2	EUR	FRPL				0.2	0.15	EUR	FRPL
EUREX	Eurex	Equity	IT5H	Italcementi S.p.A FLEX	Fut	Electronic	0.2	EUR	FRPL				0.2	0.15	EUR	FRPL
EUREX	Eurex	Equity	ITAH	Italcementi S.p.A	Fut	Electronic	0.13	EUR	FRPL				0.13	0.15	EUR	FRPL
EUREX	Eurex	Equity	ITK4	Anheuser-Busch InBev N.V/SA FLEX	Fut	Electronic	0.2	EUR	FRPL				0.2	0.15	EUR	FRPL
EUREX	Eurex	Equity	ITK5	Anheuser-Busch InBev N.V/SA FLEX	Fut	Electronic	0.2	EUR	FRPL				0.2	0.15	EUR	FRPL
EUREX	Eurex	Equity	ITKG	Anheuser-Busch InBev N.V/SA	Fut	Electronic	0.13	EUR	FRPL				0.13	0.15	EUR	FRPL
EUREX	Eurex	Equity	ITM4	Italmobiliare S.p.A FLEX	Fut	Electronic	0.2	EUR	FRPL				0.2	0.15	EUR	FRPL
EUREX	Eurex	Equity	ITMF	Italmobiliare S.p.A	Fut	Electronic	0.13	EUR	FRPL				0.13	0.15	EUR	FRPL
EUREX	Eurex	Equity	ITV4	ITV PLC FLEX	Fut	Electronic	0.15	GBP	FRPL				0.15	0.15	GBP	FRPL
EUREX	Eurex	Equity	ITV5	ITV PLC FLEX	Fut	Electronic	0.15	GBP	FRPL				0.15	0.15	GBP	FRPL
EUREX	Eurex	Equity	ITVF	ITV PLC	Fut	Electronic	0.1	GBP	FRPL				0.1	0.15	GBP	FRPL
EUREX	Eurex	Equity	IV4G	IVG Immobilien AG FLEX	Fut	Electronic	0.2	EUR	FRPL				0.2	0.15	EUR	FRPL
EUREX	Eurex	Equity	IV5G	IVG Immobilien AG FLEX	Fut	Electronic	0.2	EUR	FRPL				0.2	0.15	EUR	FRPL
EUREX	Eurex	Equity	IVGG	IVG Immobilien AG	Fut	Electronic	0.13	EUR	FRPL				0.13	0.15	EUR	FRPL
EUREX	Eurex	Equity	IWK4	KUKA AG FLEX	Fut	Electronic	0.2	EUR	FRPL				0.2	0.15	EUR	FRPL
EUREX	Eurex	Equity	IWK5	KUKA AG FLEX	Fut	Electronic	0.2	EUR	FRPL				0.2	0.15	EUR	FRPL
EUREX	Eurex	Equity	IWKF	KUKA AG	Fut	Electronic	0.13	EUR	FRPL				0.13	0.15	EUR	FRPL
EUREX	Eurex	Equity	IX4I	Inditex S.A FLEX	Fut	Electronic	0.2	EUR	FRPL				0.2	0.15	EUR	FRPL
EUREX	Eurex	Equity	IX4J	Inditex S.A FLEX	Fut	Electronic	0.2	EUR	FRPL				0.2	0.15	EUR	FRPL
EUREX	Eurex	Equity	IX5P	Inditex S.A FLEX	Fut	Electronic	0.2	EUR	FRPL				0.2	0.15	EUR	FRPL
EUREX	Eurex	Equity	IXDI	Inditex S.A	Fut	Electronic	0.13	EUR	FRPL				0.13	0.15	EUR	FRPL
EUREX	Eurex	Equity	IXDJ	Inditex S.A	Fut	Electronic	0.13	EUR	FRPL				0.13	0.15	EUR	FRPL
EUREX	Eurex	Equity	IXDP	Inditex S.A	Fut	Electronic	0.13	EUR	FRPL				0.13	0.15	EUR	FRPL
EUREX	Eurex	Equity	J4GF	Just Energy Group Inc FLEX	Fut	Electronic	0.3	USD	FRPL				0.3	0.2	USD	FRPL
EUREX	Eurex	Equity	J4NF	Jenoptik AG FLEX	Fut	Electronic	0.2	EUR	FRPL				0.2	0.15	EUR	FRPL
EUREX	Eurex	Equity	J5NF	Jenoptik AG FLEX	Fut	Electronic	0.2	EUR	FRPL				0.2	0.15	EUR	FRPL
EUREX	Eurex	Equity	JB4F	J.B. Hunt Transport Services Inc FLEX	Fut	Electronic	0.3	USD	FRPL				0.3	0.2	USD	FRPL
EUREX	Eurex	Equity	JBHF	J.B. Hunt Transport Services Inc	Fut	Electronic	0.2	USD	FRPL				0.2	0.2	USD	FRPL
EUREX	Eurex	Equity	JC4F	Johnson Controls Inc FLEX	Fut	Electronic	0.3	USD	FRPL				0.3	0.2	USD	FRPL
EUREX	Eurex	Equity	JCIF	Johnson Controls Inc	Fut	Electronic	0.2	USD	FRPL				0.2	0.2	USD	FRPL
EUREX	Eurex	Equity	JE4F	Jeronimo Martins FLEX	Fut	Electronic	0.2	EUR	FRPL				0.2	0.15	EUR	FRPL
EUREX	Eurex	Equity	JE4G	Jeronimo Martins FLEX	Fut	Electronic	0.2	EUR	FRPL				0.2	0.15	EUR	FRPL
EUREX	Eurex	Equity	JEGF	Just Energy Group Inc	Fut	Electronic	0.2	USD	FRPL				0.2	0.2	USD	FRPL
EUREX	Eurex	Equity	JEMF	Jeronimo Martins	Fut	Electronic	0.13	EUR	FRPL				0.13	0.15	EUR	FRPL
EUREX	Eurex	Equity	JEMG	Jeronimo Martins	Fut	Electronic	0.13	EUR	FRPL				0.13	0.15	EUR	FRPL
EUREX	Eurex	Equity	JENF	Jenoptik AG	Fut	Electronic	0.13	EUR	FRPL				0.13	0.15	EUR	FRPL
EUREX	Eurex	Equity	JM4F	Johnson Matthey PLC FLEX	Fut	Electronic	0.15	GBP	FRPL				0.15	0.15	GBP	FRPL
EUREX	Eurex	Equity	JM5F	Johnson Matthey PLC FLEX	Fut	Electronic	0.15	GBP	FRPL				0.15	0.15	GBP	FRPL
EUREX	Eurex	Equity	JMAF	Johnson Matthey PLC	Fut	Electronic	0.1	GBP	FRPL				0.1	0.15	GBP	FRPL
EUREX	Eurex	Equity	JN4F	Johnson & Johnson FLEX	Fut	Electronic	0.3	USD	FRPL				0.3	0.2	USD	FRPL
EUREX	Eurex	Equity	JNJF	Johnson & Johnson	Fut	Electronic	0.2	USD	FRPL				0.2	0.2	USD	FRPL
EUREX	Eurex	Equity	JP4F	JPMorgan Chase & Co FLEX	Fut	Electronic	0.3	USD	FRPL				0.3	0.2	USD	FRPL
EUREX	Eurex	Equity	JPMF	JPMorgan Chase & Co	Fut	Electronic	0.2	USD	FRPL				0.2	0.2	USD	FRPL
EUREX	Eurex	Equity	JR4F	James River Coal Inc FLEX	Fut	Electronic	0.3	USD	FRPL				0.3	0.2	USD	FRPL
EUREX	Eurex	Equity	JRCF	James River Coal Inc	Fut	Electronic	0.2	USD	FRPL				0.2	0.2	USD	FRPL
EUREX	Eurex	Equity	JU4F	Jungheinrich AG FLEX	Fut	Electronic	0.2	EUR	FRPL				0.2	0.15	EUR	FRPL
EUREX	Eurex	Equity	JU5F	Jungheinrich AG FLEX	Fut	Electronic	0.2	EUR	FRPL				0.2	0.15	EUR	FRPL
EUREX	Eurex	Equity	JUNF	Jungheinrich AG	Fut	Electronic	0.13	EUR	FRPL				0.13	0.15	EUR	FRPL
EUREX	Eurex	Equity	K2PN	Koninklijke KPN N.V Dividend	Fut	Electronic	1.2	EUR	FRPL				1.2	0.15	EUR	FRPL
EUREX	Eurex	Equity	K44H	KONE Corp FLEX	Fut	Electronic	0.2	EUR	FRPL				0.2	0.15	EUR	FRPL
EUREX	Eurex	Equity	K4BF	Kaba Holding AG FLEX	Fut	Electronic	0.3	CHF	FRPL				0.3	0.2	CHF	FRPL
EUREX	Eurex	Equity	K4CH	Klockner & Co SE FLEX	Fut	Electronic	0.2	EUR	FRPL				0.2	0.15	EUR	FRPL

Exch Code	Exch Desc	Comm Group	Prod Code	Product Desc	F/O	Platform	Trd Fee	Trd Fee Cur	Trd Fee Meth	Clr Fee	Clr Fee Cur	Clr Fee Meth	Fee Total	Brk Fee	Brk Fee Cur	Brk Fee Meth
EUREX	Eurex	Equity	K4CI	KONE Corp FLEX	Fut	Electronic	0.2	EUR	FRPL				0.2	0.15	EUR	FRPL
EUREX	Eurex	Equity	K4IH	Kuhne & Nagel International AG FLEX	Fut	Electronic	0.3	CHF	FRPL				0.3	0.2	CHF	FRPL
EUREX	Eurex	Equity	K4LF	Kellogg Co FLEX	Fut	Electronic	0.3	USD	FRPL				0.3	0.2	USD	FRPL
EUREX	Eurex	Equity	K4WF	Koninklijke Boskalis Westminster NV FLEX	Fut	Electronic	0.2	EUR	FRPL				0.2	0.15	EUR	FRPL
EUREX	Eurex	Equity	K54H	KONE Corp FLEX	Fut	Electronic	0.2	EUR	FRPL				0.2	0.15	EUR	FRPL
EUREX	Eurex	Equity	K5BF	Kaba Holding AG FLEX	Fut	Electronic	0.3	CHF	FRPL				0.3	0.2	CHF	FRPL
EUREX	Eurex	Equity	K5CH	Klockner & Co SE FLEX	Fut	Electronic	0.2	EUR	FRPL				0.2	0.15	EUR	FRPL
EUREX	Eurex	Equity	K5CI	KONE Corp FLEX	Fut	Electronic	0.2	EUR	FRPL				0.2	0.15	EUR	FRPL
EUREX	Eurex	Equity	K5IH	Kuhne & Nagel International AG FLEX	Fut	Electronic	0.3	CHF	FRPL				0.3	0.2	CHF	FRPL
EUREX	Eurex	Equity	K5WF	Koninklijke Boskalis Westminster NV FLEX	Fut	Electronic	0.2	EUR	FRPL				0.2	0.15	EUR	FRPL
EUREX	Eurex	Equity	KA4F	Kazakhmys PLC FLEX	Fut	Electronic	0.15	GBP	FRPL				0.15	0.15	GBP	FRPL
EUREX	Eurex	Equity	KA5F	Kazakhmys PLC FLEX	Fut	Electronic	0.15	GBP	FRPL				0.15	0.15	GBP	FRPL
EUREX	Eurex	Equity	KABF	Kaba Holding AG	Fut	Electronic	0.2	CHF	FRPL				0.2	0.2	CHF	FRPL
EUREX	Eurex	Equity	KAZF	Kazakhmys PLC	Fut	Electronic	0.1	GBP	FRPL				0.1	0.15	GBP	FRPL
EUREX	Eurex	Equity	KB4F	Kontron AG FLEX	Fut	Electronic	0.2	EUR	FRPL				0.2	0.15	EUR	FRPL
EUREX	Eurex	Equity	KB5F	Kontron AG FLEX	Fut	Electronic	0.2	EUR	FRPL				0.2	0.15	EUR	FRPL
EUREX	Eurex	Equity	KBCF	Kontron AG	Fut	Electronic	0.13	EUR	FRPL				0.13	0.15	EUR	FRPL
EUREX	Eurex	Equity	KBWF	Koninklijke Boskalis Westminster NV	Fut	Electronic	0.13	EUR	FRPL				0.13	0.15	EUR	FRPL
EUREX	Eurex	Equity	KC4H	KONE Corp	Fut	Electronic	0.13	EUR	FRPL				0.13	0.15	EUR	FRPL
EUREX	Eurex	Equity	KC4I	KONE Corp	Fut	Electronic	0.13	EUR	FRPL				0.13	0.15	EUR	FRPL
EUREX	Eurex	Equity	KCOH	Klockner & Co SE	Fut	Electronic	0.13	EUR	FRPL				0.13	0.15	EUR	FRPL
EUREX	Eurex	Equity	KD4G	KBC Groep N.V FLEX	Fut	Electronic	0.2	EUR	FRPL				0.2	0.15	EUR	FRPL
EUREX	Eurex	Equity	KD5G	KBC Groep N.V FLEX	Fut	Electronic	0.2	EUR	FRPL				0.2	0.15	EUR	FRPL
EUREX	Eurex	Equity	KDBG	KBC Groep N.V	Fut	Electronic	0.13	EUR	FRPL				0.13	0.15	EUR	FRPL
EUREX	Eurex	Equity	KDH4	Kabel Deutschland Holding AG FLEX	Fut	Electronic	0.2	EUR	FRPL				0.2	0.15	EUR	FRPL
EUREX	Eurex	Equity	KDH5	Kabel Deutschland Holding AG FLEX	Fut	Electronic	0.2	EUR	FRPL				0.2	0.15	EUR	FRPL
EUREX	Eurex	Equity	KDHF	Kabel Deutschland Holding AG	Fut	Electronic	0.13	EUR	FRPL				0.13	0.15	EUR	FRPL
EUREX	Eurex	Equity	KE4F	Kemira OYJ FLEX	Fut	Electronic	0.2	EUR	FRPL				0.2	0.15	EUR	FRPL
EUREX	Eurex	Equity	KE4G	Kesko Oy FLEX	Fut	Electronic	0.2	EUR	FRPL				0.2	0.15	EUR	FRPL
EUREX	Eurex	Equity	KE5F	Kemira OYJ FLEX	Fut	Electronic	0.2	EUR	FRPL				0.2	0.15	EUR	FRPL
EUREX	Eurex	Equity	KE5G	Kesko Oy FLEX	Fut	Electronic	0.2	EUR	FRPL				0.2	0.15	EUR	FRPL
EUREX	Eurex	Equity	KEKG	Kesko Oy	Fut	Electronic	0.13	EUR	FRPL				0.13	0.15	EUR	FRPL
EUREX	Eurex	Equity	KELF	Kellogg Co	Fut	Electronic	0.2	USD	FRPL				0.2	0.2	USD	FRPL
EUREX	Eurex	Equity	KEMF	Kemira OYJ	Fut	Electronic	0.13	EUR	FRPL				0.13	0.15	EUR	FRPL
EUREX	Eurex	Equity	KER4	Kernel Holding SA FLEX	Fut	Electronic	0.2	EUR	FRPL				0.2	0.15	EUR	FRPL
EUREX	Eurex	Equity	KERF	Kernel Holding SA	Fut	Electronic	0.13	EUR	FRPL				0.13	0.15	EUR	FRPL
EUREX	Eurex	Equity	KF4F	Mondelez International Inc FLEX	Fut	Electronic	0.3	USD	FRPL				0.3	0.2	USD	FRPL
EUREX	Eurex	Equity	KFTF	Mondelez International Inc	Fut	Electronic	0.2	USD	FRPL				0.2	0.2	USD	FRPL
EUREX	Eurex	Equity	KG4F	Kingfisher PLC FLEX	Fut	Electronic	0.15	GBP	FRPL				0.15	0.15	GBP	FRPL
EUREX	Eurex	Equity	KG5F	Kingfisher PLC FLEX	Fut	Electronic	0.15	GBP	FRPL				0.15	0.15	GBP	FRPL
EUREX	Eurex	Equity	KGFF	Kingfisher PLC	Fut	Electronic	0.1	GBP	FRPL				0.1	0.15	GBP	FRPL
EUREX	Eurex	Equity	KGH4	KGHM Polska Miedz SA FLEX	Fut	Electronic	0.2	EUR	FRPL				0.2	0.15	EUR	FRPL
EUREX	Eurex	Equity	KGHF	KGHM Polska Miedz SA	Fut	Electronic	0.13	EUR	FRPL				0.13	0.15	EUR	FRPL
EUREX	Eurex	Equity	KI4F	Kinross Gold Corporation FLEX	Fut	Electronic	0.3	USD	FRPL				0.3	0.2	USD	FRPL
EUREX	Eurex	Equity	KINF	Kinross Gold Corporation	Fut	Electronic	0.2	USD	FRPL				0.2	0.2	USD	FRPL
EUREX	Eurex	Equity	KM4F	Kimberly-Clark Corp FLEX	Fut	Electronic	0.3	USD	FRPL				0.3	0.2	USD	FRPL
EUREX	Eurex	Equity	KMBF	Kimberly-Clark Corp	Fut	Electronic	0.2	USD	FRPL				0.2	0.2	USD	FRPL
EUREX	Eurex	Equity	KN4H	Natixis S.A FLEX	Fut	Electronic	0.2	EUR	FRPL				0.2	0.15	EUR	FRPL
EUREX	Eurex	Equity	KN5H	Natixis S.A FLEX	Fut	Electronic	0.2	EUR	FRPL				0.2	0.15	EUR	FRPL
EUREX	Eurex	Equity	KNFH	Natixis S.A	Fut	Electronic	0.13	EUR	FRPL				0.13	0.15	EUR	FRPL
EUREX	Eurex	Equity	KNIH	Kuhne & Nagel International AG	Fut	Electronic	0.2	CHF	FRPL				0.2	0.2	CHF	FRPL
EUREX	Eurex	Equity	KO4F	AFK Sistema FLEX	Fut	Electronic	0.3	USD	FRPL				0.3	0.2	USD	FRPL
EUREX	Eurex	Equity	KO7F	AFK Sistema	Fut	Electronic	0.2	USD	FRPL				0.2	0.2	USD	FRPL
EUREX	Eurex	Equity	KOF4	The Coca-Cola Company FLEX	Fut	Electronic	0.3	USD	FRPL				0.3	0.2	USD	FRPL
EUREX	Eurex	Equity	KOFF	The Coca-Cola Company	Fut	Electronic	0.2	USD	FRPL				0.2	0.2	USD	FRPL
EUREX	Eurex	Equity	KP4F	Koninklijke KPN N.V FLEX	Fut	Electronic	0.2	EUR	FRPL				0.2	0.15	EUR	FRPL
EUREX	Eurex	Equity	KP5F	Koninklijke KPN N.V FLEX	Fut	Electronic	0.2	EUR	FRPL				0.2	0.15	EUR	FRPL
EUREX	Eurex	Equity	KPNF	Koninklijke KPN N.V	Fut	Electronic	0.13	EUR	FRPL				0.13	0.15	EUR	FRPL
EUREX	Eurex	Equity	KR4F	Kingspan Group PLC FLEX	Fut	Electronic	0.2	EUR	FRPL				0.2	0.15	EUR	FRPL

Exch Code	Exch Desc	Comm Group	Prod Code	Product Desc	F/O	Platform	Trd Fee	Trd Fee Cur	Trd Fee Meth	Clr Fee	Clr Fee Cur	Clr Fee Meth	Fee Total	Brk Fee	Brk Fee Cur	Brk Fee Meth
EUREX	Eurex	Equity	KRN4	Krones AG FLEX	Fut	Electronic	0.2	EUR	FRPL				0.2	0.15	EUR	FRPL
EUREX	Eurex	Equity	KRN5	Krones AG FLEX	Fut	Electronic	0.2	EUR	FRPL				0.2	0.15	EUR	FRPL
EUREX	Eurex	Equity	KRNF	Krones AG	Fut	Electronic	0.13	EUR	FRPL				0.13	0.15	EUR	FRPL
EUREX	Eurex	Equity	KRXF	Kingspan Group PLC	Fut	Electronic	0.13	EUR	FRPL				0.13	0.15	EUR	FRPL
EUREX	Eurex	Equity	KT4F	Kapsch TrafficCom AG FLEX	Fut	Electronic	0.2	EUR	FRPL				0.2	0.15	EUR	FRPL
EUREX	Eurex	Equity	KT5F	Kapsch TrafficCom AG FLEX	Fut	Electronic	0.2	EUR	FRPL				0.2	0.15	EUR	FRPL
EUREX	Eurex	Equity	KTCF	Kapsch TrafficCom AG	Fut	Electronic	0.13	EUR	FRPL				0.13	0.15	EUR	FRPL
EUREX	Eurex	Equity	KU4F	Kuoni Reisen Holding AG FLEX	Fut	Electronic	0.3	CHF	FRPL				0.3	0.2	CHF	FRPL
EUREX	Eurex	Equity	KU4G	Kudelski S.A FLEX	Fut	Electronic	0.3	CHF	FRPL				0.3	0.2	CHF	FRPL
EUREX	Eurex	Equity	KU5F	Kuoni Reisen Holding AG FLEX	Fut	Electronic	0.3	CHF	FRPL				0.3	0.2	CHF	FRPL
EUREX	Eurex	Equity	KU5G	Kudelski S.A FLEX	Fut	Electronic	0.3	CHF	FRPL				0.3	0.2	CHF	FRPL
EUREX	Eurex	Equity	KUDG	Kudelski S.A	Fut	Electronic	0.2	CHF	FRPL				0.2	0.2	CHF	FRPL
EUREX	Eurex	Equity	KUNF	Kuoni Reisen Holding AG	Fut	Electronic	0.2	CHF	FRPL				0.2	0.2	CHF	FRPL
EUREX	Eurex	Equity	KW4F	Quicksilver Resources Inc FLEX	Fut	Electronic	0.3	USD	FRPL				0.3	0.2	USD	FRPL
EUREX	Eurex	Equity	KWKF	Quicksilver Resources Inc	Fut	Electronic	0.2	USD	FRPL				0.2	0.2	USD	FRPL
EUREX	Eurex	Equity	KY4G	Kerry Group PLC FLEX	Fut	Electronic	0.2	EUR	FRPL				0.2	0.15	EUR	FRPL
EUREX	Eurex	Equity	KYGG	Kerry Group PLC	Fut	Electronic	0.13	EUR	FRPL				0.13	0.15	EUR	FRPL
EUREX	Eurex	Equity	L2OR	L'Oreal S.A Dividend	Fut	Electronic	1.2	EUR	FRPL				1.2	0.15	EUR	FRPL
EUREX	Eurex	Equity	L4DF	LDK Solar Co Ltd FLEX	Fut	Electronic	0.3	USD	FRPL				0.3	0.2	USD	FRPL
EUREX	Eurex	Equity	L4IG	Capital Shopping Centres Group PLC FLEX	Fut	Electronic	0.15	GBP	FRPL				0.15	0.15	GBP	FRPL
EUREX	Eurex	Equity	L5IG	Capital Shopping Centres Group PLC FLEX	Fut	Electronic	0.15	GBP	FRPL				0.15	0.15	GBP	FRPL
EUREX	Eurex	Index	L862	Lyxor ETF Eastern Europe (CECE EUR) EFLEX	Opt	Electronic	0.4	EUR	FRPL				0.4	0.15	EUR	FRPL
EUREX	Eurex	Index	L872	Lyxor ETF Eastern Europe (CECE EUR) EFLEX	Opt	Electronic	0.4	EUR	FRPL				0.4	0.15	EUR	FRPL
EUREX	Eurex	Index	L882	Lyxor ETF Eastern Europe (CECE EUR) AFLEX	Opt	Electronic	0.4	EUR	FRPL				0.4	0.15	EUR	FRPL
EUREX	Eurex	Index	L892	Lyxor ETF Eastern Europe (CECE EUR) AFLEX	Opt	Electronic	0.4	EUR	FRPL				0.4	0.15	EUR	FRPL
EUREX	Eurex	Index	L8I1	Lyxor ETF China Enterprise (HSCEI)	Opt	Electronic	0.3	EUR	FRPL				0.3	0.15	EUR	FRPL
EUREX	Eurex	Index	L8I2	Lyxor ETF Eastern Europe (CECE EUR)	Opt	Electronic	0.3	EUR	FRPL				0.3	0.15	EUR	FRPL
EUREX	Eurex	Index	L8I6	Lyxor ETF China Enterprise (HSCEI) EFLEX	Opt	Electronic	0.4	EUR	FRPL				0.4	0.15	EUR	FRPL
EUREX	Eurex	Index	L8I7	Lyxor ETF China Enterprise (HSCEI) EFLEX	Opt	Electronic	0.4	EUR	FRPL				0.4	0.15	EUR	FRPL
EUREX	Eurex	Index	L8I8	Lyxor ETF China Enterprise (HSCEI) AFLEX	Opt	Electronic	0.4	EUR	FRPL				0.4	0.15	EUR	FRPL
EUREX	Eurex	Index	L8I9	Lyxor ETF China Enterprise (HSCEI) AFLEX	Opt	Electronic	0.4	EUR	FRPL				0.4	0.15	EUR	FRPL
EUREX	Eurex	Equity	LA4F	Lagardere S.C.A FLEX	Fut	Electronic	0.2	EUR	FRPL				0.2	0.15	EUR	FRPL
EUREX	Eurex	Equity	LA4G	Land Securities Group PLC FLEX	Fut	Electronic	0.15	GBP	FRPL				0.15	0.15	GBP	FRPL
EUREX	Eurex	Equity	LA5G	Land Securities Group PLC FLEX	Fut	Electronic	0.15	GBP	FRPL				0.15	0.15	GBP	FRPL
EUREX	Eurex	Equity	LAD4	Ladbrokes PLC FLEX	Fut	Electronic	0.15	GBP	FRPL				0.15	0.15	GBP	FRPL
EUREX	Eurex	Equity	LAD5	Ladbroker PLC FLEX	Fut	Electronic	0.15	GBP	FRPL				0.15	0.15	GBP	FRPL
EUREX	Eurex	Equity	LADF	Ladbrokes PLC	Fut	Electronic	0.1	GBP	FRPL				0.1	0.15	GBP	FRPL
EUREX	Eurex	Equity	LAGF	Lagardere S.C.A	Fut	Electronic	0.13	EUR	FRPL				0.13	0.15	EUR	FRPL
EUREX	Eurex	Equity	LANG	Land Securities Group PLC	Fut	Electronic	0.1	GBP	FRPL				0.1	0.15	GBP	FRPL
EUREX	Eurex	Equity	LD4F	Gemalto N.V FLEX	Fut	Electronic	0.2	EUR	FRPL				0.2	0.15	EUR	FRPL
EUREX	Eurex	Equity	LDKF	LDK Solar Co Ltd	Fut	Electronic	0.2	USD	FRPL				0.2	0.2	USD	FRPL
EUREX	Eurex	Equity	LDVF	Gemalto N.V	Fut	Electronic	0.13	EUR	FRPL				0.13	0.15	EUR	FRPL
EUREX	Eurex	Equity	LE4F	LEONI AG FLEX	Fut	Electronic	0.2	EUR	FRPL				0.2	0.15	EUR	FRPL
EUREX	Eurex	Equity	LE5F	LEONI AG FLEX	Fut	Electronic	0.2	EUR	FRPL				0.2	0.15	EUR	FRPL
EUREX	Eurex	Equity	LEF4	Lenzing AG FLEX	Fut	Electronic	0.2	EUR	FRPL				0.2	0.15	EUR	FRPL
EUREX	Eurex	Equity	LEF5	Lenzing AG FLEX	Fut	Electronic	0.2	EUR	FRPL				0.2	0.15	EUR	FRPL
EUREX	Eurex	Equity	LENF	Lenzing AG	Fut	Electronic	0.13	EUR	FRPL				0.13	0.15	EUR	FRPL
EUREX	Eurex	Equity	LEOF	LEONI AG	Fut	Electronic	0.13	EUR	FRPL				0.13	0.15	EUR	FRPL
EUREX	Eurex	Equity	LG4F	Legal & General Group PLC FLEX	Fut	Electronic	0.15	GBP	FRPL				0.15	0.15	GBP	FRPL
EUREX	Eurex	Equity	LG5F	Legal & General Group PLC FLEX	Fut	Electronic	0.15	GBP	FRPL				0.15	0.15	GBP	FRPL
EUREX	Eurex	Equity	LGEF	Legal & General Group PLC	Fut	Electronic	0.1	GBP	FRPL				0.1	0.15	GBP	FRPL
EUREX	Eurex	Equity	LH4F	Deutsche Lufthansa AG FLEX	Fut	Electronic	0.2	EUR	FRPL				0.2	0.15	EUR	FRPL
EUREX	Eurex	Equity	LH5F	Deutsche Lufthansa AG FLEX	Fut	Electronic	0.2	EUR	FRPL				0.2	0.15	EUR	FRPL
EUREX	Eurex	Equity	LHAF	Deutsche Lufthansa AG	Fut	Electronic	0.13	EUR	FRPL				0.13	0.15	EUR	FRPL
EUREX	Eurex	Equity	LI4F	Sun Life Financial Inc FLEX	Fut	Electronic	0.3	USD	FRPL				0.3	0.2	USD	FRPL
EUREX	Eurex	Equity	LI4H	Klepierre S.A FLEX	Fut	Electronic	0.2	EUR	FRPL				0.2	0.15	EUR	FRPL
EUREX	Eurex	Equity	LI5H	Klepierre S.A FLEX	Fut	Electronic	0.2	EUR	FRPL				0.2	0.15	EUR	FRPL
EUREX	Eurex	Equity	LIEF	Sun Life Financial Inc	Fut	Electronic	0.2	USD	FRPL				0.2	0.2	USD	FRPL
EUREX	Eurex	Equity	LIFH	Klepierre S.A	Fut	Electronic	0.13	EUR	FRPL				0.13	0.15	EUR	FRPL

Exch Code	Exch Desc	Comm Group	Prod Code	Product Desc	F/O	Platform	Trd Fee	Trd Fee Cur	Trd Fee Meth	Clr Fee	Clr Fee Cur	Clr Fee Meth	Fee Total	Brk Fee	Brk Fee Cur	Brk Fee Meth
EUREX	Eurex	Equity	LIIG	Capital Shopping Centres Group PLC	Fut	Electronic	0.1	GBP	FRPL				0.1	0.15	GBP	FRPL
EUREX	Eurex	Equity	LIN4	Linde AG FLEX	Fut	Electronic	0.2	EUR	FRPL				0.2	0.15	EUR	FRPL
EUREX	Eurex	Equity	LIN5	Linde AG FLEX	Fut	Electronic	0.2	EUR	FRPL				0.2	0.15	EUR	FRPL
EUREX	Eurex	Equity	LING	Linde AG	Fut	Electronic	0.13	EUR	FRPL				0.13	0.15	EUR	FRPL
EUREX	Eurex	Equity	LIS4	Chocoladefabriken Lindt & Sprungli AG FLEX	Fut	Electronic	0.3	CHF	FRPL				0.3	0.2	CHF	FRPL
EUREX	Eurex	Equity	LIS5	Chocoladefabriken Lindt & Sprungli AG FLEX	Fut	Electronic	0.3	CHF	FRPL				0.3	0.2	CHF	FRPL
EUREX	Eurex	Equity	LISF	Chocoladefabriken Lindt & Sprungli AG	Fut	Electronic	0.2	CHF	FRPL				0.2	0.2	CHF	FRPL
EUREX	Eurex	Equity	LL4G	Lloyds TSB Group PLC FLEX	Fut	Electronic	0.15	GBP	FRPL				0.15	0.15	GBP	FRPL
EUREX	Eurex	Equity	LL5G	Lloyds TSB Group PLC FLEX	Fut	Electronic	0.15	GBP	FRPL				0.15	0.15	GBP	FRPL
EUREX	Eurex	Equity	LLOG	Lloyds TSB Group PLC	Fut	Electronic	0.1	GBP	FRPL				0.1	0.15	GBP	FRPL
EUREX	Eurex	Equity	LLY4	Eli Lilly & Co FLEX	Fut	Electronic	0.3	USD	FRPL				0.3	0.2	USD	FRPL
EUREX	Eurex	Equity	LLYF	Eli Lilly & Co	Fut	Electronic	0.2	USD	FRPL				0.2	0.2	USD	FRPL
EUREX	Eurex	Equity	LM4G	Lonmin PLC FLEX	Fut	Electronic	0.15	GBP	FRPL				0.15	0.15	GBP	FRPL
EUREX	Eurex	Equity	LM5G	Lonmin PLC FLEX	Fut	Electronic	0.15	GBP	FRPL				0.15	0.15	GBP	FRPL
EUREX	Eurex	Equity	LMIG	Lonmin PLC	Fut	Electronic	0.1	GBP	FRPL				0.1	0.15	GBP	FRPL
EUREX	Eurex	Equity	LMT4	Lockheed Martin Corp FLEX	Fut	Electronic	0.3	USD	FRPL				0.3	0.2	USD	FRPL
EUREX	Eurex	Equity	LMTF	Lockheed Martin Corp	Fut	Electronic	0.2	USD	FRPL				0.2	0.2	USD	FRPL
EUREX	Eurex	Equity	LO4G	Logitech International S.A. FLEX	Fut	Electronic	0.3	CHF	FRPL				0.3	0.2	CHF	FRPL
EUREX	Eurex	Equity	LO5G	Logitech International S.A. FLEX	Fut	Electronic	0.3	CHF	FRPL				0.3	0.2	CHF	FRPL
EUREX	Eurex	Equity	LOGG	Logitech International S.A.	Fut	Electronic	0.2	CHF	FRPL				0.2	0.2	CHF	FRPL
EUREX	Eurex	Equity	LON4	Lonza Group AG FLEX	Fut	Electronic	0.3	CHF	FRPL				0.3	0.2	CHF	FRPL
EUREX	Eurex	Equity	LON5	Lonza Group AG FLEX	Fut	Electronic	0.3	CHF	FRPL				0.3	0.2	CHF	FRPL
EUREX	Eurex	Equity	LONF	Lonza Group AG	Fut	Electronic	0.2	CHF	FRPL				0.2	0.2	CHF	FRPL
EUREX	Eurex	Equity	LOR4	L'Oreal S.A FLEX	Fut	Electronic	0.2	EUR	FRPL				0.2	0.15	EUR	FRPL
EUREX	Eurex	Equity	LOR5	L'Oreal S.A FLEX	Fut	Electronic	0.2	EUR	FRPL				0.2	0.15	EUR	FRPL
EUREX	Eurex	Equity	LORF	L'Oreal S.A	Fut	Electronic	0.13	EUR	FRPL				0.13	0.15	EUR	FRPL
EUREX	Eurex	Equity	LOW4	Lowe's Companies Inc FLEX	Fut	Electronic	0.3	USD	FRPL				0.3	0.2	USD	FRPL
EUREX	Eurex	Equity	LOWF	Lowe's Companies Inc	Fut	Electronic	0.2	USD	FRPL				0.2	0.2	USD	FRPL
EUREX	Eurex	Equity	LR4F	Legrand S.A FLEX	Fut	Electronic	0.2	EUR	FRPL				0.2	0.15	EUR	FRPL
EUREX	Eurex	Equity	LR5F	Legrand S.A FLEX	Fut	Electronic	0.2	EUR	FRPL				0.2	0.15	EUR	FRPL
EUREX	Eurex	Equity	LRCF	Legrand S.A	Fut	Electronic	0.13	EUR	FRPL				0.13	0.15	EUR	FRPL
EUREX	Eurex	Equity	LS4F	London Stock Exchange Group PLC FLEX	Fut	Electronic	0.15	GBP	FRPL				0.15	0.15	GBP	FRPL
EUREX	Eurex	Equity	LS5F	London Stock Exchange Group PLC FLEX	Fut	Electronic	0.15	GBP	FRPL				0.15	0.15	GBP	FRPL
EUREX	Eurex	Equity	LSEF	London Stock Exchange Group PLC	Fut	Electronic	0.1	GBP	FRPL				0.1	0.15	GBP	FRPL
EUREX	Eurex	Equity	LT4F	Grupa Lotos SA FLEX	Fut	Electronic	0.2	EUR	FRPL				0.2	0.15	EUR	FRPL
EUREX	Eurex	Equity	LTSF	Grupa Lotos SA	Fut	Electronic	0.13	EUR	FRPL				0.13	0.15	EUR	FRPL
EUREX	Eurex	Equity	LU4G	Luxottica Group S.p.A FLEX	Fut	Electronic	0.2	EUR	FRPL				0.2	0.15	EUR	FRPL
EUREX	Eurex	Equity	LU5G	Luxottica Group S.p.A FLEX	Fut	Electronic	0.2	EUR	FRPL				0.2	0.15	EUR	FRPL
EUREX	Eurex	Equity	LUK4	OAO LUKOIL Oil Company FLEX	Fut	Electronic	0.3	USD	FRPL				0.3	0.2	USD	FRPL
EUREX	Eurex	Equity	LUK5	OAO LUKOIL Oil Company FLEX	Fut	Electronic	0.3	USD	FRPL				0.3	0.2	USD	FRPL
EUREX	Eurex	Equity	LUKF	OAO LUKOIL Oil Company	Fut	Electronic	0.2	USD	FRPL				0.2	0.2	USD	FRPL
EUREX	Eurex	Equity	LUXG	Luxottica Group S.p.A	Fut	Electronic	0.13	EUR	FRPL				0.13	0.15	EUR	FRPL
EUREX	Eurex	Equity	LV4F	Las Vegas Sands Corp FLEX	Fut	Electronic	0.3	USD	FRPL				0.3	0.2	USD	FRPL
EUREX	Eurex	Equity	LVSF	Las Vegas Sands Corp	Fut	Electronic	0.2	USD	FRPL				0.2	0.2	USD	FRPL
EUREX	Eurex	Equity	LW4F	Lubelski Wegiel Bogdanka Spolka Akcyjna FLEX	Fut	Electronic	0.2	EUR	FRPL				0.2	0.15	EUR	FRPL
EUREX	Eurex	Equity	LWBF	Lubelski Wegiel Bogdanka Spolka Akcyjna	Fut	Electronic	0.13	EUR	FRPL				0.13	0.15	EUR	FRPL
EUREX	Eurex	Equity	LX4F	Lanxess AG FLEX	Fut	Electronic	0.2	EUR	FRPL				0.2	0.15	EUR	FRPL
EUREX	Eurex	Equity	LX5F	Lanxess AG FLEX	Fut	Electronic	0.2	EUR	FRPL				0.2	0.15	EUR	FRPL
EUREX	Eurex	Equity	LXSF	Lanxess AG	Fut	Electronic	0.13	EUR	FRPL				0.13	0.15	EUR	FRPL
EUREX	Eurex	Index	LY67	Lyxor ETF MSCI Emerging Markets EFLEX	Opt	Electronic	0.4	EUR	FRPL				0.4	0.15	EUR	FRPL
EUREX	Eurex	Index	LY77	Lyxor ETF MSCI Emerging Markets EFLEX	Opt	Electronic	0.4	EUR	FRPL				0.4	0.15	EUR	FRPL
EUREX	Eurex	Index	LY7M	Lyxor ETF Hong Kong (HSI) EFLEX	Opt	Electronic	0.4	EUR	FRPL				0.4	0.15	EUR	FRPL
EUREX	Eurex	Index	LY87	Lyxor ETF MSCI Emerging Markets AFLEX	Opt	Electronic	0.4	EUR	FRPL				0.4	0.15	EUR	FRPL
EUREX	Eurex	Index	LY97	Lyxor ETF MSCI Emerging Markets AFLEX	Opt	Electronic	0.4	EUR	FRPL				0.4	0.15	EUR	FRPL
EUREX	Eurex	Index	LYM6	Lyxor ETF Hong Kong (HSI) EFLEX	Opt	Electronic	0.4	EUR	FRPL				0.4	0.15	EUR	FRPL
EUREX	Eurex	Index	LYM7	Lyxor ETF MSCI Emerging Markets	Opt	Electronic	0.3	EUR	FRPL				0.3	0.15	EUR	FRPL
EUREX	Eurex	Index	LYM8	Lyxor ETF Hong Kong (HSI) AFLEX	Opt	Electronic	0.4	EUR	FRPL				0.4	0.15	EUR	FRPL
EUREX	Eurex	Index	LYM9	Lyxor ETF Hong Kong (HSI) AFLEX	Opt	Electronic	0.4	EUR	FRPL				0.4	0.15	EUR	FRPL
EUREX	Eurex	Index	LYME	Lyxor ETF Hong Kong (HSI)	Opt	Electronic	0.3	EUR	FRPL				0.3	0.15	EUR	FRPL

Exch Code	Exch Desc	Comm Group	Prod Code	Product Desc	F/O	Platform	Trd Fee	Trd Fee Cur	Trd Fee Meth	Clr Fee	Clr Fee Cur	Clr Fee Meth	Fee Total	Brk Fee	Brk Fee Cur	Brk Fee Meth
EUREX	Eurex	Index	LYY6	Lyxor ETF DJ Russia Titans EFLEX	Opt	Electronic	0.4	EUR	FRPL				0.4	0.15	EUR	FRPL
EUREX	Eurex	Index	LYY7	Lyxor ETF DJ Russia Titans EFLEX	Opt	Electronic	0.4	EUR	FRPL				0.4	0.15	EUR	FRPL
EUREX	Eurex	Index	LYY8	Lyxor ETF DJ Russia Titans AFLEX	Opt	Electronic	0.4	EUR	FRPL				0.4	0.15	EUR	FRPL
EUREX	Eurex	Index	LYY9	Lyxor ETF DJ Russia Titans AFLEX	Opt	Electronic	0.4	EUR	FRPL				0.4	0.15	EUR	FRPL
EUREX	Eurex	Index	LYYE	Lyxor ETF DJ Russia Titans	Opt	Electronic	0.3	EUR	FRPL				0.3	0.15	EUR	FRPL
EUREX	Eurex	Equity	M2OH	LVMH Moet Hennessy Louis Vuitton S.A Dividend	Fut	Electronic	1.2	EUR	FRPL				1.2	0.15	EUR	FRPL
EUREX	Eurex	Equity	M2UV	Munchener Ruckversicherungs-Gesellschaft AG Dividend	Fut	Electronic	1.2	EUR	FRPL				1.2	0.15	EUR	FRPL
EUREX	Eurex	Equity	M4IF	Magna International Inc FLEX	Fut	Electronic	0.3	USD	FRPL				0.3	0.2	USD	FRPL
EUREX	Eurex	Equity	M4MF	Granite Real Estate Investment Trust FLEX	Fut	Electronic	0.3	USD	FRPL				0.3	0.2	USD	FRPL
EUREX	Eurex	Equity	M4NG	Mediolanum S.p.A FLEX	Fut	Electronic	0.2	EUR	FRPL				0.2	0.15	EUR	FRPL
EUREX	Eurex	Equity	M4UF	Manulife Financial Corporation FLEX	Fut	Electronic	0.3	USD	FRPL				0.3	0.2	USD	FRPL
EUREX	Eurex	Equity	M5NG	Mediolanum S.p.A FLEX	Fut	Electronic	0.2	EUR	FRPL				0.2	0.15	EUR	FRPL
EUREX	Eurex	Equity	M64F	Uralkali JSC FLEX	Fut	Electronic	0.3	USD	FRPL				0.3	0.2	USD	FRPL
EUREX	Eurex	Equity	M6BF	Uralkali JSC	Fut	Electronic	0.2	USD	FRPL				0.2	0.2	USD	FRPL
EUREX	Eurex	Equity	MA3F	MAN SE - Stammaktien Pref	Fut	Electronic	0.13	EUR	FRPL				0.13	0.15	EUR	FRPL
EUREX	Eurex	Equity	MA4F	MAN SE - Stammaktien Pref FLEX	Fut	Electronic	0.2	EUR	FRPL				0.2	0.15	EUR	FRPL
EUREX	Eurex	Equity	MA4G	MAN SE - Stammaktien FLEX	Fut	Electronic	0.2	EUR	FRPL				0.2	0.15	EUR	FRPL
EUREX	Eurex	Equity	MA5F	MAN SE - Stammaktien Pref FLEX	Fut	Electronic	0.2	EUR	FRPL				0.2	0.15	EUR	FRPL
EUREX	Eurex	Equity	MA5G	MAN SE - Stammaktien FLEX	Fut	Electronic	0.2	EUR	FRPL				0.2	0.15	EUR	FRPL
EUREX	Eurex	Equity	MAB4	Mitchells & Butlers PLC FLEX	Fut	Electronic	0.15	GBP	FRPL				0.15	0.15	GBP	FRPL
EUREX	Eurex	Equity	MAB5	Mitchells & Butlers PLC FLEX	Fut	Electronic	0.15	GBP	FRPL				0.15	0.15	GBP	FRPL
EUREX	Eurex	Equity	MABF	Mitchells & Butlers PLC	Fut	Electronic	0.1	GBP	FRPL				0.1	0.15	GBP	FRPL
EUREX	Eurex	Equity	MAF4	MasterCard Inc FLEX	Fut	Electronic	0.3	USD	FRPL				0.3	0.2	USD	FRPL
EUREX	Eurex	Equity	MAFF	MasterCard Inc	Fut	Electronic	0.2	USD	FRPL				0.2	0.2	USD	FRPL
EUREX	Eurex	Equity	MAG4	Magnit FLEX	Fut	Electronic	0.3	USD	FRPL				0.3	0.2	USD	FRPL
EUREX	Eurex	Equity	MAGF	Magnit	Fut	Electronic	0.2	USD	FRPL				0.2	0.2	USD	FRPL
EUREX	Eurex	Equity	MANG	MAN SE - Stammaktien	Fut	Electronic	0.13	EUR	FRPL				0.13	0.15	EUR	FRPL
EUREX	Eurex	Equity	4-Mar	Marriott International Inc FLEX	Fut	Electronic	0.3	USD	FRPL				0.3	0.2	USD	FRPL
EUREX	Eurex	Equity	5-Mar	Marriott International Inc FLEX	Fut	Electronic	0.3	USD	FRPL				0.3	0.2	USD	FRPL
EUREX	Eurex	Equity	MARF	Marriott International Inc	Fut	Electronic	0.2	USD	FRPL				0.2	0.2	USD	FRPL
EUREX	Eurex	Equity	MC4F	McDonald's Corp FLEX	Fut	Electronic	0.3	USD	FRPL				0.3	0.2	USD	FRPL
EUREX	Eurex	Equity	MCC4	Merck & Co Inc FLEX	Fut	Electronic	0.3	USD	FRPL				0.3	0.2	USD	FRPL
EUREX	Eurex	Equity	MCCF	Merck & Co Inc	Fut	Electronic	0.2	USD	FRPL				0.2	0.2	USD	FRPL
EUREX	Eurex	Equity	MCDF	McDonald's Corp	Fut	Electronic	0.2	USD	FRPL				0.2	0.2	USD	FRPL
EUREX	Eurex	Equity	MD4F	Mediaset S.p.A FLEX	Fut	Electronic	0.2	EUR	FRPL				0.2	0.15	EUR	FRPL
EUREX	Eurex	Equity	MD5F	Mediaset S.p.A FLEX	Fut	Electronic	0.2	EUR	FRPL				0.2	0.15	EUR	FRPL
EUREX	Eurex	Equity	MDSF	Mediaset S.p.A	Fut	Electronic	0.13	EUR	FRPL				0.13	0.15	EUR	FRPL
EUREX	Eurex	Equity	MDT4	Medtronic Inc FLEX	Fut	Electronic	0.3	USD	FRPL				0.3	0.2	USD	FRPL
EUREX	Eurex	Equity	MDTF	Medtronic Inc	Fut	Electronic	0.2	USD	FRPL				0.2	0.2	USD	FRPL
EUREX	Eurex	Equity	ME34	Metro AG Pref FLEX	Fut	Electronic	0.2	EUR	FRPL				0.2	0.15	EUR	FRPL
EUREX	Eurex	Equity	ME35	Metro AG Pref FLEX	Fut	Electronic	0.2	EUR	FRPL				0.2	0.15	EUR	FRPL
EUREX	Eurex	Equity	ME3F	Metro AG Pref	Fut	Electronic	0.13	EUR	FRPL				0.13	0.15	EUR	FRPL
EUREX	Eurex	Equity	ME4F	Metro AG FLEX	Fut	Electronic	0.2	EUR	FRPL				0.2	0.15	EUR	FRPL
EUREX	Eurex	Equity	ME4G	Mediobanca S.p.A FLEX	Fut	Electronic	0.2	EUR	FRPL				0.2	0.15	EUR	FRPL
EUREX	Eurex	Equity	ME5F	Metro AG FLEX	Fut	Electronic	0.2	EUR	FRPL				0.2	0.15	EUR	FRPL
EUREX	Eurex	Equity	ME5G	Mediobanca S.p.A FLEX	Fut	Electronic	0.2	EUR	FRPL				0.2	0.15	EUR	FRPL
EUREX	Eurex	Equity	ME9G	Mediobanca S.p.A	Fut	Electronic	0.13	EUR	FRPL				0.13	0.15	EUR	FRPL
EUREX	Eurex	Equity	MEC4	Mechel OAO FLEX	Fut	Electronic	0.3	USD	FRPL				0.3	0.2	USD	FRPL
EUREX	Eurex	Equity	MECF	Mechel OAO	Fut	Electronic	0.2	USD	FRPL				0.2	0.2	USD	FRPL
EUREX	Eurex	Equity	MEOF	Metro AG	Fut	Electronic	0.13	EUR	FRPL				0.13	0.15	EUR	FRPL
EUREX	Eurex	Equity	MET4	MetLife Inc FLEX	Fut	Electronic	0.3	USD	FRPL				0.3	0.2	USD	FRPL
EUREX	Eurex	Equity	METF	MetLife Inc	Fut	Electronic	0.2	USD	FRPL				0.2	0.2	USD	FRPL
EUREX	Eurex	Equity	MF4H	Wendel S.A FLEX	Fut	Electronic	0.2	EUR	FRPL				0.2	0.15	EUR	FRPL
EUREX	Eurex	Equity	MF5H	Wendel S.A FLEX	Fut	Electronic	0.2	EUR	FRPL				0.2	0.15	EUR	FRPL
EUREX	Eurex	Equity	MFXH	Wendel S.A	Fut	Electronic	0.13	EUR	FRPL				0.13	0.15	EUR	FRPL
EUREX	Eurex	Equity	MG4F	MGM Resorts International FLEX	Fut	Electronic	0.3	USD	FRPL				0.3	0.2	USD	FRPL
EUREX	Eurex	Equity	MGIF	Magna International Inc	Fut	Electronic	0.2	USD	FRPL				0.2	0.2	USD	FRPL
EUREX	Eurex	Equity	MGMF	MGM Resorts International	Fut	Electronic	0.2	USD	FRPL				0.2	0.2	USD	FRPL
EUREX	Eurex	Equity	MHQ4	Magnitogorskiy Metallu. Kombinat FLEX	Fut	Electronic	0.3	USD	FRPL				0.3	0.2	USD	FRPL

Exch Code	Exch Desc	Comm Group	Prod Code	Product Desc	F/O	Platform	Trd Fee	Trd Fee Cur	Trd Fee Meth	Clr Fee	Clr Fee Cur	Clr Fee Meth	Fee Total	Brk Fee	Brk Fee Cur	Brk Fee Meth
EUREX	Eurex	Equity	MHQF	Magnitogorskiy Metallu. Kombinat	Fut	Electronic	0.2	USD	FRPL				0.2	0.2	USD	FRPL
EUREX	Eurex	Equity	MI4F	Marfin Investment Group S.A FLEX	Fut	Electronic	0.2	EUR	FRPL				0.2	0.15	EUR	FRPL
EUREX	Eurex	Equity	MIGF	Marfin Investment Group S.A	Fut	Electronic	0.13	EUR	FRPL				0.13	0.15	EUR	FRPL
EUREX	Eurex	Equity	MIMF	Granite Real Estate Investment Trust	Fut	Electronic	0.2	USD	FRPL				0.2	0.2	USD	FRPL
EUREX	Eurex	Equity	MK4F	Marks & Spencer Group PLC FLEX	Fut	Electronic	0.15	GBP	FRPL				0.15	0.15	GBP	FRPL
EUREX	Eurex	Equity	MK5F	Marks & Spencer Group PLC FLEX	Fut	Electronic	0.15	GBP	FRPL				0.15	0.15	GBP	FRPL
EUREX	Eurex	Equity	MKSF	Marks & Spencer Group PLC	Fut	Electronic	0.1	GBP	FRPL				0.1	0.15	GBP	FRPL
EUREX	Eurex	Equity	MKY4	Mobil'niye TeleSistemy OAO FLEX	Fut	Electronic	0.3	USD	FRPL				0.3	0.2	USD	FRPL
EUREX	Eurex	Equity	MKYF	Mobil'niye TeleSistemy OAO	Fut	Electronic	0.2	USD	FRPL				0.2	0.2	USD	FRPL
EUREX	Eurex	Equity	ML4F	Michelin et Cie S.C.p.A FLEX	Fut	Electronic	0.2	EUR	FRPL				0.2	0.15	EUR	FRPL
EUREX	Eurex	Equity	MLP4	MLP AG FLEX	Fut	Electronic	0.2	EUR	FRPL				0.2	0.15	EUR	FRPL
EUREX	Eurex	Equity	MLP5	MLP AG FLEX	Fut	Electronic	0.2	EUR	FRPL				0.2	0.15	EUR	FRPL
EUREX	Eurex	Equity	MLPF	MLP AG	Fut	Electronic	0.13	EUR	FRPL				0.13	0.15	EUR	FRPL
EUREX	Eurex	Equity	MLUF	Manulife Financial Corporation	Fut	Electronic	0.2	USD	FRPL				0.2	0.2	USD	FRPL
EUREX	Eurex	Equity	MLXF	Michelin et Cie S.C.p.A	Fut	Electronic	0.13	EUR	FRPL				0.13	0.15	EUR	FRPL
EUREX	Eurex	Equity	MM4G	M6-Metropole Television S.A FLEX	Fut	Electronic	0.2	EUR	FRPL				0.2	0.15	EUR	FRPL
EUREX	Eurex	Equity	MM5G	M6-Metropole Television S.A FLEX	Fut	Electronic	0.2	EUR	FRPL				0.2	0.15	EUR	FRPL
EUREX	Eurex	Equity	MMM4	3M Co FLEX	Fut	Electronic	0.3	USD	FRPL				0.3	0.2	USD	FRPL
EUREX	Eurex	Equity	MMMF	3M Co	Fut	Electronic	0.2	USD	FRPL				0.2	0.2	USD	FRPL
EUREX	Eurex	Equity	MMTG	M6-Metropole Television S.A	Fut	Electronic	0.13	EUR	FRPL				0.13	0.15	EUR	FRPL
EUREX	Eurex	Equity	MO4F	MorphoSys AG FLEX	Fut	Electronic	0.2	EUR	FRPL				0.2	0.15	EUR	FRPL
EUREX	Eurex	Equity	MO4H	Mobistar S.A FLEX	Fut	Electronic	0.2	EUR	FRPL				0.2	0.15	EUR	FRPL
EUREX	Eurex	Equity	MO4I	Mobistar S.A FLEX	Fut	Electronic	0.2	EUR	FRPL				0.2	0.15	EUR	FRPL
EUREX	Eurex	Equity	MO5F	MorphoSys AG FLEX	Fut	Electronic	0.2	EUR	FRPL				0.2	0.15	EUR	FRPL
EUREX	Eurex	Equity	MO5H	Mobistar S.A FLEX	Fut	Electronic	0.2	EUR	FRPL				0.2	0.15	EUR	FRPL
EUREX	Eurex	Equity	MO5I	Mobistar S.A FLEX	Fut	Electronic	0.2	EUR	FRPL				0.2	0.15	EUR	FRPL
EUREX	Eurex	Equity	MOF4	Altria Group Inc FLEX	Fut	Electronic	0.3	USD	FRPL				0.3	0.2	USD	FRPL
EUREX	Eurex	Equity	MOFF	Altria Group Inc	Fut	Electronic	0.2	USD	FRPL				0.2	0.2	USD	FRPL
EUREX	Eurex	Equity	MOH4	M6-LVMH Moet Hennessy Louis Vuitton S.A FLEX	Fut	Electronic	0.2	EUR	FRPL				0.2	0.15	EUR	FRPL
EUREX	Eurex	Equity	MOH5	M6-LVMH Moet Hennessy Louis Vuitton S.A FLEX	Fut	Electronic	0.2	EUR	FRPL				0.2	0.15	EUR	FRPL
EUREX	Eurex	Equity	MOHF	LVMH Moet Hennessy Louis Vuitton S.A	Fut	Electronic	0.13	EUR	FRPL				0.13	0.15	EUR	FRPL
EUREX	Eurex	Equity	MOO4	Monsanto Co FLEX	Fut	Electronic	0.3	USD	FRPL				0.3	0.2	USD	FRPL
EUREX	Eurex	Equity	MOOF	Monsanto Co	Fut	Electronic	0.2	USD	FRPL				0.2	0.2	USD	FRPL
EUREX	Eurex	Equity	MORF	MorphoSys AG	Fut	Electronic	0.13	EUR	FRPL				0.13	0.15	EUR	FRPL
EUREX	Eurex	Equity	MOSH	Mobistar S.A	Fut	Electronic	0.13	EUR	FRPL				0.13	0.15	EUR	FRPL
EUREX	Eurex	Equity	MOSI	Mobistar S.A	Fut	Electronic	0.13	EUR	FRPL				0.13	0.15	EUR	FRPL
EUREX	Eurex	Equity	MP4G	Banca Monte dei Paschi di Siena S.p.A FLEX	Fut	Electronic	0.2	EUR	FRPL				0.2	0.15	EUR	FRPL
EUREX	Eurex	Equity	MP5G	Banca Monte dei Paschi di Siena S.p.A FLEX	Fut	Electronic	0.2	EUR	FRPL				0.2	0.15	EUR	FRPL
EUREX	Eurex	Equity	MPIG	Banca Monte dei Paschi di Siena S.p.A	Fut	Electronic	0.13	EUR	FRPL				0.13	0.15	EUR	FRPL
EUREX	Eurex	Equity	MR4F	Marathon Oil Corp FLEX	Fut	Electronic	0.3	USD	FRPL				0.3	0.2	USD	FRPL
EUREX	Eurex	Equity	MR4G	Merck & Co Inc FLEX	Fut	Electronic	0.2	EUR	FRPL				0.2	0.15	EUR	FRPL
EUREX	Eurex	Equity	MR5G	Merck & Co Inc FLEX	Fut	Electronic	0.2	EUR	FRPL				0.2	0.15	EUR	FRPL
EUREX	Eurex	Equity	MRKG	Merck & Co Inc	Fut	Electronic	0.13	EUR	FRPL				0.13	0.15	EUR	FRPL
EUREX	Eurex	Equity	MROF	Marathon Oil Corp	Fut	Electronic	0.2	USD	FRPL				0.2	0.2	USD	FRPL
EUREX	Eurex	Equity	MRW4	WM Morrison Supermarkets Plc FLEX	Fut	Electronic	0.15	GBP	FRPL				0.15	0.15	GBP	FRPL
EUREX	Eurex	Equity	MRW5	WM Morrison Supermarkets PLC FLEX	Fut	Electronic	0.15	GBP	FRPL				0.15	0.15	GBP	FRPL
EUREX	Eurex	Equity	MRWF	WM Morrison Supermarkets Plc	Fut	Electronic	0.1	GBP	FRPL				0.1	0.15	GBP	FRPL
EUREX	Eurex	Equity	MS4F	Microsoft Corp FLEX	Fut	Electronic	0.3	USD	FRPL				0.3	0.2	USD	FRPL
EUREX	Eurex	Equity	MSTF	Microsoft Corp	Fut	Electronic	0.2	USD	FRPL				0.2	0.2	USD	FRPL
EUREX	Eurex	Equity	MT4F	MTU Aero Engines Holding AG FLEX	Fut	Electronic	0.2	EUR	FRPL				0.2	0.15	EUR	FRPL
EUREX	Eurex	Equity	MT4H	Wartsila Corp FLEX	Fut	Electronic	0.2	EUR	FRPL				0.2	0.15	EUR	FRPL
EUREX	Eurex	Equity	MT5F	MTU Aero Engines Holding AG FLEX	Fut	Electronic	0.2	EUR	FRPL				0.2	0.15	EUR	FRPL
EUREX	Eurex	Equity	MT5H	Wartsila Corp FLEX	Fut	Electronic	0.2	EUR	FRPL				0.2	0.15	EUR	FRPL
EUREX	Eurex	Equity	MTAH	Wartsila Corp	Fut	Electronic	0.13	EUR	FRPL				0.13	0.15	EUR	FRPL
EUREX	Eurex	Equity	MTXF	MTU Aero Engines Holding AG	Fut	Electronic	0.13	EUR	FRPL				0.13	0.15	EUR	FRPL
EUREX	Eurex	Equity	MU2G	Munchener Ruckversicherungs-Gesellschaft AG	Fut	Electronic	0.13	EUR	FRPL				0.13	0.15	EUR	FRPL
EUREX	Eurex	Equity	MU4G	Munchener Ruckversicherungs-Gesellschaft AG FLEX	Fut	Electronic	0.2	EUR	FRPL				0.2	0.15	EUR	FRPL
EUREX	Eurex	Equity	MU5G	Munchener Ruckversicherungs-Gesellschaft AG FLEX	Fut	Electronic	0.2	EUR	FRPL				0.2	0.15	EUR	FRPL
EUREX	Eurex	Equity	MUNG	Mediolanum S.p.A	Fut	Electronic	0.13	EUR	FRPL				0.13	0.15	EUR	FRPL

Exch Code	Exch Desc	Comm Group	Prod Code	Product Desc	F/O	Platform	Trd Fee	Trd Fee Cur	Trd Fee Meth	Clr Fee	Clr Fee Cur	Clr Fee Meth	Fee Total	Brk Fee	Brk Fee Cur	Brk Fee Meth
EUREX	Eurex	Equity	MV4F	MVV Energie AG FLEX	Fut	Electronic	0.2	EUR	FRPL				0.2	0.15	EUR	FRPL
EUREX	Eurex	Equity	MV5F	MVV Energie AG FLEX	Fut	Electronic	0.2	EUR	FRPL				0.2	0.15	EUR	FRPL
EUREX	Eurex	Equity	MVVF	MVV Energie AG	Fut	Electronic	0.13	EUR	FRPL				0.13	0.15	EUR	FRPL
EUREX	Eurex	Equity	MY4F	Mayr-Melnhof Karton AG FLEX	Fut	Electronic	0.2	EUR	FRPL				0.2	0.15	EUR	FRPL
EUREX	Eurex	Equity	MY5F	Mayr-Melnhof Karton AG FLEX	Fut	Electronic	0.2	EUR	FRPL				0.2	0.15	EUR	FRPL
EUREX	Eurex	Equity	MYMF	Mayr-Melnhof Karton AG	Fut	Electronic	0.13	EUR	FRPL				0.13	0.15	EUR	FRPL
EUREX	Eurex	Equity	N10F	OAO Novatek	Fut	Electronic	0.2	USD	FRPL				0.2	0.2	USD	FRPL
EUREX	Eurex	Equity	N14F	OAO Novatek FLEX	Fut	Electronic	0.3	USD	FRPL				0.3	0.2	USD	FRPL
EUREX	Eurex	Equity	N2ES	Nestle S.A Dividend	Fut	Electronic	1.6	CHF	FRPL				1.6	0.2	CHF	FRPL
EUREX	Eurex	Equity	N2OA	Nokia Corp Ojy Dividend	Fut	Electronic	1.2	EUR	FRPL				1.2	0.15	EUR	FRPL
EUREX	Eurex	Equity	N2OV	Novartis AG Dividend	Fut	Electronic	1.6	CHF	FRPL				1.6	0.2	CHF	FRPL
EUREX	Eurex	Equity	N43F	Nutreco N.V FLEX	Fut	Electronic	0.2	EUR	FRPL				0.2	0.15	EUR	FRPL
EUREX	Eurex	Equity	N44G	Lottomatica S.p.A FLEX	Fut	Electronic	0.2	EUR	FRPL				0.2	0.15	EUR	FRPL
EUREX	Eurex	Equity	N45G	Lottomatica S.p.A FLEX	Fut	Electronic	0.2	EUR	FRPL				0.2	0.15	EUR	FRPL
EUREX	Eurex	Equity	N4GG	Lottomatica S.p.A	Fut	Electronic	0.13	EUR	FRPL				0.13	0.15	EUR	FRPL
EUREX	Eurex	Equity	N4SF	Nexans S.A FLEX	Fut	Electronic	0.2	EUR	FRPL				0.2	0.15	EUR	FRPL
EUREX	Eurex	Equity	N53F	Nutreco N.V FLEX	Fut	Electronic	0.2	EUR	FRPL				0.2	0.15	EUR	FRPL
EUREX	Eurex	Equity	N5SF	Nexans S.A FLEX	Fut	Electronic	0.2	EUR	FRPL				0.2	0.15	EUR	FRPL
EUREX	Eurex	Equity	N74F	Novolipetskiy Metallurgicheskiy Kombinat FLEX	Fut	Electronic	0.3	USD	FRPL				0.3	0.2	USD	FRPL
EUREX	Eurex	Equity	N7MF	Novolipetskiy Metallurgicheskiy Kombinat	Fut	Electronic	0.2	USD	FRPL				0.2	0.2	USD	FRPL
EUREX	Eurex	Equity	NA4F	National Bank of Greece S.A FLEX	Fut	Electronic	0.2	EUR	FRPL				0.2	0.15	EUR	FRPL
EUREX	Eurex	Equity	NAGF	National Bank of Greece S.A	Fut	Electronic	0.13	EUR	FRPL				0.13	0.15	EUR	FRPL
EUREX	Eurex	Equity	NC4F	Novorossiyki Mors. Torgovi Port FLEX	Fut	Electronic	0.3	USD	FRPL				0.3	0.2	USD	FRPL
EUREX	Eurex	Equity	NCSF	Novorossiyki Mors. Torgovi Port	Fut	Electronic	0.2	USD	FRPL				0.2	0.2	USD	FRPL
EUREX	Eurex	Equity	ND4F	Aurubis AG FLEX	Fut	Electronic	0.2	EUR	FRPL				0.2	0.15	EUR	FRPL
EUREX	Eurex	Equity	ND5F	Aurubis AG FLEX	Fut	Electronic	0.2	EUR	FRPL				0.2	0.15	EUR	FRPL
EUREX	Eurex	Equity	NDAF	Aurubis AG	Fut	Electronic	0.13	EUR	FRPL				0.13	0.15	EUR	FRPL
EUREX	Eurex	Equity	NDB4	Nordea Bank AB FLEX	Fut	Electronic	0.2	EUR	FRPL				0.2	0.15	EUR	FRPL
EUREX	Eurex	Equity	NDBF	Nordea Bank AB	Fut	Electronic	0.13	EUR	FRPL				0.13	0.15	EUR	FRPL
EUREX	Eurex	Equity	NDX4	Nordex SE FLEX	Fut	Electronic	0.2	EUR	FRPL				0.2	0.15	EUR	FRPL
EUREX	Eurex	Equity	NDX5	Nordex SE FLEX	Fut	Electronic	0.2	EUR	FRPL				0.2	0.15	EUR	FRPL
EUREX	Eurex	Equity	NDXF	Nordex SE	Fut	Electronic	0.13	EUR	FRPL				0.13	0.15	EUR	FRPL
EUREX	Eurex	Equity	NE4G	Nestle S.A FLEX	Fut	Electronic	0.3	CHF	FRPL				0.3	0.2	CHF	FRPL
EUREX	Eurex	Equity	NE5G	Nestle S.A FLEX	Fut	Electronic	0.3	CHF	FRPL				0.3	0.2	CHF	FRPL
EUREX	Eurex	Equity	NEF4	Neste Oil Corp Ojy FLEX	Fut	Electronic	0.2	EUR	FRPL				0.2	0.15	EUR	FRPL
EUREX	Eurex	Equity	NEF5	Neste Oil Corp Ojy FLEX	Fut	Electronic	0.2	EUR	FRPL				0.2	0.15	EUR	FRPL
EUREX	Eurex	Equity	NEFF	Neste Oil Corp Ojy	Fut	Electronic	0.13	EUR	FRPL				0.13	0.15	EUR	FRPL
EUREX	Eurex	Equity	NEM4	Newmont Mining Corp FLEX	Fut	Electronic	0.3	USD	FRPL				0.3	0.2	USD	FRPL
EUREX	Eurex	Equity	NEMF	Newmont Mining Corp	Fut	Electronic	0.2	USD	FRPL				0.2	0.2	USD	FRPL
EUREX	Eurex	Equity	NESG	Nestle S.A	Fut	Electronic	0.2	CHF	FRPL				0.2	0.2	CHF	FRPL
EUREX	Eurex	Equity	NG4F	National Grid PLC FLEX	Fut	Electronic	0.15	GBP	FRPL				0.15	0.15	GBP	FRPL
EUREX	Eurex	Equity	NG5F	National Grid PLC FLEX	Fut	Electronic	0.15	GBP	FRPL				0.15	0.15	GBP	FRPL
EUREX	Eurex	Equity	NGFF	National Grid PLC	Fut	Electronic	0.1	GBP	FRPL				0.1	0.15	GBP	FRPL
EUREX	Eurex	Equity	NH4G	Norsk Hydro ASA FLEX	Fut	Electronic	0.2	EUR	FRPL				0.2	0.15	EUR	FRPL
EUREX	Eurex	Equity	NHYG	Norsk Hydro ASA	Fut	Electronic	0.13	EUR	FRPL				0.13	0.15	EUR	FRPL
EUREX	Eurex	Equity	NK4G	Imerys S.A FLEX	Fut	Electronic	0.2	EUR	FRPL				0.2	0.15	EUR	FRPL
EUREX	Eurex	Equity	NK5G	Imerys S.A FLEX	Fut	Electronic	0.2	EUR	FRPL				0.2	0.15	EUR	FRPL
EUREX	Eurex	Equity	NKE4	Nike Inc FLEX	Fut	Electronic	0.3	USD	FRPL				0.3	0.2	USD	FRPL
EUREX	Eurex	Equity	NKEF	Nike Inc	Fut	Electronic	0.2	USD	FRPL				0.2	0.2	USD	FRPL
EUREX	Eurex	Equity	NKFG	Imerys S.A	Fut	Electronic	0.13	EUR	FRPL				0.13	0.15	EUR	FRPL
EUREX	Eurex	Equity	NN4G	Norilsk Nickel FLEX	Fut	Electronic	0.3	USD	FRPL				0.3	0.2	USD	FRPL
EUREX	Eurex	Equity	NN5G	Norilsk Nickel FLEX	Fut	Electronic	0.3	USD	FRPL				0.3	0.2	USD	FRPL
EUREX	Eurex	Equity	NNIG	Norilsk Nickel	Fut	Electronic	0.2	USD	FRPL				0.2	0.2	USD	FRPL
EUREX	Eurex	Equity	NO34	Nokia Corp Ojy FLEX	Fut	Electronic	0.2	EUR	FRPL				0.2	0.15	EUR	FRPL
EUREX	Eurex	Equity	NO35	Nokia Corp Ojy FLEX	Fut	Electronic	0.2	EUR	FRPL				0.2	0.15	EUR	FRPL
EUREX	Eurex	Equity	NO3F	Nokia Corp Ojy	Fut	Electronic	0.13	EUR	FRPL				0.13	0.15	EUR	FRPL
EUREX	Eurex	Equity	NO4F	National Oilwell Varco Inc FLEX	Fut	Electronic	0.3	USD	FRPL				0.3	0.2	USD	FRPL
EUREX	Eurex	Equity	NO4H	Nobel Biocare Holding AG FLEX	Fut	Electronic	0.3	CHF	FRPL				0.3	0.2	CHF	FRPL
EUREX	Eurex	Equity	NO5H	Nobel Biocare Holding AG FLEX	Fut	Electronic	0.3	CHF	FRPL				0.3	0.2	CHF	FRPL

Exch Code	Exch Desc	Comm Group	Prod Code	Product Desc	F/O	Platform	Trd Fee	Trd Fee Cur	Trd Fee Meth	Clr Fee	Clr Fee Cur	Clr Fee Meth	Fee Total	Brk Fee	Brk Fee Cur	Brk Fee Meth
EUREX	Eurex	Equity	NO8F	National Oilwell Varco Inc	Fut	Electronic	0.2	USD	FRPL				0.2	0.2	USD	FRPL
EUREX	Eurex	Equity	NOBH	Nobel Biocare Holding AG	Fut	Electronic	0.2	CHF	FRPL				0.2	0.2	CHF	FRPL
EUREX	Eurex	Equity	4-Nov	Novartis AG FLEX	Fut	Electronic	0.3	CHF	FRPL				0.3	0.2	CHF	FRPL
EUREX	Eurex	Equity	5-Nov	Novartis AG FLEX	Fut	Electronic	0.3	CHF	FRPL				0.3	0.2	CHF	FRPL
EUREX	Eurex	Equity	NOVF	Novartis AG	Fut	Electronic	0.2	CHF	FRPL				0.2	0.2	CHF	FRPL
EUREX	Eurex	Equity	NP4G	Neopost S.A FLEX	Fut	Electronic	0.2	EUR	FRPL				0.2	0.15	EUR	FRPL
EUREX	Eurex	Equity	NP5G	Neopost S.A FLEX	Fut	Electronic	0.2	EUR	FRPL				0.2	0.15	EUR	FRPL
EUREX	Eurex	Equity	NP6G	Neopost S.A	Fut	Electronic	0.13	EUR	FRPL				0.13	0.15	EUR	FRPL
EUREX	Eurex	Equity	NPW4	Smith & Nephew PLC FLEX	Fut	Electronic	0.15	GBP	FRPL				0.15	0.15	GBP	FRPL
EUREX	Eurex	Equity	NPW5	Smith & Nephew PLC FLEX	Fut	Electronic	0.15	GBP	FRPL				0.15	0.15	GBP	FRPL
EUREX	Eurex	Equity	NPWF	Smith & Nephew PLC	Fut	Electronic	0.1	GBP	FRPL				0.1	0.15	GBP	FRPL
EUREX	Eurex	Equity	NR4F	Nokian Renkaat Oyj FLEX	Fut	Electronic	0.2	EUR	FRPL				0.2	0.15	EUR	FRPL
EUREX	Eurex	Equity	NR5F	Nokian Renkaat Oyj FLEX	Fut	Electronic	0.2	EUR	FRPL				0.2	0.15	EUR	FRPL
EUREX	Eurex	Equity	NREF	Nokian Renkaat Oyj	Fut	Electronic	0.13	EUR	FRPL				0.13	0.15	EUR	FRPL
EUREX	Eurex	Equity	NS4F	Norfolk Southern Corp FLEX	Fut	Electronic	0.3	USD	FRPL				0.3	0.2	USD	FRPL
EUREX	Eurex	Equity	NSCF	Norfolk Southern Corp	Fut	Electronic	0.2	USD	FRPL				0.2	0.2	USD	FRPL
EUREX	Eurex	Equity	NT4F	Northern Trust Corp FLEX	Fut	Electronic	0.3	USD	FRPL				0.3	0.2	USD	FRPL
EUREX	Eurex	Equity	NTRF	Northern Trust Corp	Fut	Electronic	0.2	USD	FRPL				0.2	0.2	USD	FRPL
EUREX	Eurex	Equity	NU3F	Nutreco N.V	Fut	Electronic	0.13	EUR	FRPL				0.13	0.15	EUR	FRPL
EUREX	Eurex	Equity	NU4F	Nucor Corp FLEX	Fut	Electronic	0.3	USD	FRPL				0.3	0.2	USD	FRPL
EUREX	Eurex	Equity	NUEF	Nucor Corp	Fut	Electronic	0.2	USD	FRPL				0.2	0.2	USD	FRPL
EUREX	Eurex	Equity	NV4G	Umicore S.A FLEX	Fut	Electronic	0.2	EUR	FRPL				0.2	0.15	EUR	FRPL
EUREX	Eurex	Equity	NV5G	Umicore S.A FLEX	Fut	Electronic	0.2	EUR	FRPL				0.2	0.15	EUR	FRPL
EUREX	Eurex	Equity	NVJG	Umicore S.A	Fut	Electronic	0.13	EUR	FRPL				0.13	0.15	EUR	FRPL
EUREX	Eurex	Equity	NW4F	News Corp FLEX	Fut	Electronic	0.3	USD	FRPL				0.3	0.2	USD	FRPL
EUREX	Eurex	Equity	NWSF	News Corp	Fut	Electronic	0.2	USD	FRPL				0.2	0.2	USD	FRPL
EUREX	Eurex	Equity	NX4F	Next PLC FLEX	Fut	Electronic	0.15	GBP	FRPL				0.15	0.15	GBP	FRPL
EUREX	Eurex	Equity	NX5F	Next PLC FLEX	Fut	Electronic	0.15	GBP	FRPL				0.15	0.15	GBP	FRPL
EUREX	Eurex	Equity	NXSF	Nexans S.A	Fut	Electronic	0.13	EUR	FRPL				0.13	0.15	EUR	FRPL
EUREX	Eurex	Equity	NXTF	Next PLC	Fut	Electronic	0.1	GBP	FRPL				0.1	0.15	GBP	FRPL
EUREX	Eurex	Equity	O14F	XING AG FLEX	Fut	Electronic	0.2	EUR	FRPL				0.2	0.15	EUR	FRPL
EUREX	Eurex	Equity	O15F	XING AG FLEX	Fut	Electronic	0.2	EUR	FRPL				0.2	0.15	EUR	FRPL
EUREX	Eurex	Equity	O1BF	XING AG	Fut	Electronic	0.13	EUR	FRPL				0.13	0.15	EUR	FRPL
EUREX	Eurex	Index	O27X	MDAX EFLEX	Opt	Electronic	0.3	EUR	FRPL				0.3	0.15	EUR	FRPL
EUREX	Eurex	Index	O28X	MDAX AFLEX	Opt	Electronic	0.3	EUR	FRPL				0.3	0.15	EUR	FRPL
EUREX	Eurex	Index	O2MX	MDAX	Opt	Electronic	0.3	EUR	FRPL				0.3	0.15	EUR	FRPL
EUREX	Eurex	Equity	O43F	Oskosh Corporation FLEX	Fut	Electronic	0.3	USD	FRPL				0.3	0.2	USD	FRPL
EUREX	Eurex	Equity	O4KF	Hudbay Minerals Inc FLEX	Fut	Electronic	0.3	USD	FRPL				0.3	0.2	USD	FRPL
EUREX	Eurex	Index	O6XF	EURO STOXX ex Financials Index EFLEX	Opt	Electronic	0.3	EUR	FRPL				0.3	0.15	EUR	FRPL
EUREX	Eurex	Index	O7MM	SMIM EFLEX	Opt	Electronic	0.4	CHF	FRPL				0.4	0.2	CHF	FRPL
EUREX	Eurex	Index	O7XF	EURO STOXX ex Financials Index EFLEX	Opt	Electronic	0.3	EUR	FRPL				0.3	0.15	EUR	FRPL
EUREX	Eurex	Index	O8MM	SMIM AFLEX	Opt	Electronic	0.4	CHF	FRPL				0.4	0.2	CHF	FRPL
EUREX	Eurex	Index	O8XF	EURO STOXX ex Financials Index AFLEX	Opt	Electronic	0.3	EUR	FRPL				0.3	0.15	EUR	FRPL
EUREX	Eurex	Index	O9XF	EURO STOXX ex Financials Index AFLEX	Opt	Electronic	0.3	EUR	FRPL				0.3	0.15	EUR	FRPL
EUREX	Eurex	Equity	OB4F	Oberbank AG FLEX	Fut	Electronic	0.2	EUR	FRPL				0.2	0.15	EUR	FRPL
EUREX	Eurex	Equity	OB5F	Oberbank AG FLEX	Fut	Electronic	0.2	EUR	FRPL				0.2	0.15	EUR	FRPL
EUREX	Eurex	Equity	OBKF	Oberbank AG	Fut	Electronic	0.13	EUR	FRPL				0.13	0.15	EUR	FRPL
EUREX	Eurex	Equity	OC4G	ACS Actividades de Construccion y Servicios S.A FLEX	Fut	Electronic	0.2	EUR	FRPL				0.2	0.15	EUR	FRPL
EUREX	Eurex	Equity	OC5P	ACS Actividades de Construccion y Servicios S.A FLEX	Fut	Electronic	0.2	EUR	FRPL				0.2	0.15	EUR	FRPL
EUREX	Eurex	Index	OCCO	Dow Jones UBS Commodity Index	Opt	Electronic	1	USD	FRPL				1	0.2	USD	FRPL
EUREX	Eurex	Equity	OCIG	ACS Actividades de Construccion y Servicios S.A	Fut	Electronic	0.13	EUR	FRPL				0.13	0.15	EUR	FRPL
EUREX	Eurex	Equity	OCIP	ACS Actividades de Construccion y Servicios S.A	Fut	Electronic	0.13	EUR	FRPL				0.13	0.15	EUR	FRPL
EUREX	Eurex	Equity	OCKF	Hudbay Minerals Inc	Fut	Electronic	0.2	USD	FRPL				0.2	0.2	USD	FRPL
EUREX	Eurex	Index	OCR6	ETFS Crude Oil EFLEX	Opt	Electronic	0.5	USD	FRPL				0.5	0.2	USD	FRPL
EUREX	Eurex	Index	OCR7	ETFS Crude Oil EFLEX	Opt	Electronic	0.5	USD	FRPL				0.5	0.2	USD	FRPL
EUREX	Eurex	Index	OCR8	ETFS Crude Oil AFLEX	Opt	Electronic	0.5	USD	FRPL				0.5	0.2	USD	FRPL
EUREX	Eurex	Index	OCR9	ETFS Crude Oil AFLEX	Opt	Electronic	0.5	USD	FRPL				0.5	0.2	USD	FRPL
EUREX	Eurex	Index	OCRU	ETFS Crude Oil	Opt	Electronic	0.5	USD	FRPL				0.5	0.2	USD	FRPL
EUREX	Eurex	Equity	OD4F	Atrium European Real Estate Ltd FLEX	Fut	Electronic	0.2	EUR	FRPL				0.2	0.15	EUR	FRPL

Exch Code	Exch Desc	Comm Group	Prod Code	Product Desc	F/O	Platform	Trd Fee	Trd Fee Cur	Trd Fee Meth	Clr Fee	Clr Fee Cur	Clr Fee Meth	Fee Total	Brk Fee	Brk Fee Cur	Brk Fee Meth
EUREX	Eurex	Index	OD7V	DivDAX EFLEX	Opt	Electronic	0.75	EUR	FRPL				0.75	0.15	EUR	FRPL
EUREX	Eurex	Index	OD7X	DAX EFLEX	Opt	Electronic	0.5	EUR	FRPL				0.5	0.15	EUR	FRPL
EUREX	Eurex	Index	OD8V	DivDAX AFLEX	Opt	Electronic	0.75	EUR	FRPL				0.75	0.15	EUR	FRPL
EUREX	Eurex	Index	OD8X	DAX AFLEX	Opt	Electronic	0.5	EUR	FRPL				0.5	0.15	EUR	FRPL
EUREX	Eurex	Index	ODAX	DAX	Opt	Electronic	0.5	EUR	FRPL				0.5	0.15	EUR	FRPL
EUREX	Eurex	Equity	ODDF	Atrium European Real Estate Ltd	Fut	Electronic	0.13	EUR	FRPL				0.13	0.15	EUR	FRPL
EUREX	Eurex	Index	ODIV	DivDAX	Opt	Electronic	0.75	EUR	FRPL				0.75	0.15	EUR	FRPL
EUREX	Eurex	Index	ODX1	DAX Week 1	Opt	Electronic	0.5	EUR	FRPL				0.5	0.15	EUR	FRPL
EUREX	Eurex	Index	ODX2	DAX Week 2	Opt	Electronic	0.5	EUR	FRPL				0.5	0.15	EUR	FRPL
EUREX	Eurex	Index	ODX4	DAX Week 4	Opt	Electronic	0.5	EUR	FRPL				0.5	0.15	EUR	FRPL
EUREX	Eurex	Index	ODX5	DAX Week 5	Opt	Electronic	0.5	EUR	FRPL				0.5	0.15	EUR	FRPL
EUREX	Eurex	Equity	OE4F	TomTom N.V FLEX	Fut	Electronic	0.2	EUR	FRPL				0.2	0.15	EUR	FRPL
EUREX	Eurex	Equity	OE4G	OC Oerlikon Corporation AG FLEX	Fut	Electronic	0.3	CHF	FRPL				0.3	0.2	CHF	FRPL
EUREX	Eurex	Equity	OE5F	TomTom N.V FLEX	Fut	Electronic	0.2	EUR	FRPL				0.2	0.15	EUR	FRPL
EUREX	Eurex	Equity	OE5G	OC Oerlikon Corporation AG FLEX	Fut	Electronic	0.3	CHF	FRPL				0.3	0.2	CHF	FRPL
EUREX	Eurex	Index	OE7A	EURO STOXX Automobiles & Parts EFLEX	Opt	Electronic	0.3	EUR	FRPL				0.3	0.15	EUR	FRPL
EUREX	Eurex	Index	OE7B	EURO STOXX Banks EFLEX	Opt	Electronic	0.3	EUR	FRPL				0.3	0.15	EUR	FRPL
EUREX	Eurex	Index	OE7C	EURO STOXX Chemicals EFLEX	Opt	Electronic	0.3	EUR	FRPL				0.3	0.15	EUR	FRPL
EUREX	Eurex	Index	OE7E	EURO STOXX Oil & Gas EFLEX	Opt	Electronic	0.3	EUR	FRPL				0.3	0.15	EUR	FRPL
EUREX	Eurex	Index	OE7F	EURO STOXX Financial Services EFLEX	Opt	Electronic	0.3	EUR	FRPL				0.3	0.15	EUR	FRPL
EUREX	Eurex	Index	OE7G	EURO STOXX Industrial Goods & Services EFLEX	Opt	Electronic	0.3	EUR	FRPL				0.3	0.15	EUR	FRPL
EUREX	Eurex	Index	OE7H	EURO STOXX Health Care EFLEX	Opt	Electronic	0.3	EUR	FRPL				0.3	0.15	EUR	FRPL
EUREX	Eurex	Index	OE7I	EURO STOXX Insurance EFLEX	Opt	Electronic	0.3	EUR	FRPL				0.3	0.15	EUR	FRPL
EUREX	Eurex	Index	OE7L	EURO STOXX Real Estate EFLEX	Opt	Electronic	0.3	EUR	FRPL				0.3	0.15	EUR	FRPL
EUREX	Eurex	Index	OE7M	EURO STOXX Media EFLEX	Opt	Electronic	0.3	EUR	FRPL				0.3	0.15	EUR	FRPL
EUREX	Eurex	Index	OE7N	EURO STOXX Construction & Materials EFLEX	Opt	Electronic	0.3	EUR	FRPL				0.3	0.15	EUR	FRPL
EUREX	Eurex	Index	OE7O	EURO STOXX Food & Beverage EFLEX	Opt	Electronic	0.3	EUR	FRPL				0.3	0.15	EUR	FRPL
EUREX	Eurex	Index	OE7R	EURO STOXX Retail EFLEX	Opt	Electronic	0.3	EUR	FRPL				0.3	0.15	EUR	FRPL
EUREX	Eurex	Index	OE7S	EURO STOXX Basic Resources EFLEX	Opt	Electronic	0.3	EUR	FRPL				0.3	0.15	EUR	FRPL
EUREX	Eurex	Index	OE7T	EURO STOXX Telecommunications EFLEX	Opt	Electronic	0.3	EUR	FRPL				0.3	0.15	EUR	FRPL
EUREX	Eurex	Index	OE7U	EURO STOXX Utilities EFLEX	Opt	Electronic	0.3	EUR	FRPL				0.3	0.15	EUR	FRPL
EUREX	Eurex	Index	OE7V	EURO STOXX Travel & Leisure EFLEX	Opt	Electronic	0.3	EUR	FRPL				0.3	0.15	EUR	FRPL
EUREX	Eurex	Index	OE7X	EURO STOXX 50 Index EFLEX	Opt	Electronic	0.3	EUR	FRPL				0.3	0.15	EUR	FRPL
EUREX	Eurex	Index	OE7Y	EURO STOXX Technology EFLEX	Opt	Electronic	0.3	EUR	FRPL				0.3	0.15	EUR	FRPL
EUREX	Eurex	Index	OE7Z	EURO STOXX Personal & Household Goods EFLEX	Opt	Electronic	0.3	EUR	FRPL				0.3	0.15	EUR	FRPL
EUREX	Eurex	Index	OE8A	EURO STOXX Automobiles & Parts AFLEX	Opt	Electronic	0.3	EUR	FRPL				0.3	0.15	EUR	FRPL
EUREX	Eurex	Index	OE8B	EURO STOXX Banks AFLEX	Opt	Electronic	0.3	EUR	FRPL				0.3	0.15	EUR	FRPL
EUREX	Eurex	Index	OE8C	EURO STOXX Chemicals AFLEX	Opt	Electronic	0.3	EUR	FRPL				0.3	0.15	EUR	FRPL
EUREX	Eurex	Index	OE8E	EURO STOXX Oil & Gas AFLEX	Opt	Electronic	0.3	EUR	FRPL				0.3	0.15	EUR	FRPL
EUREX	Eurex	Index	OE8F	EURO STOXX Financial Services AFLEX	Opt	Electronic	0.3	EUR	FRPL				0.3	0.15	EUR	FRPL
EUREX	Eurex	Index	OE8G	EURO STOXX Industrial Goods & Services AFLEX	Opt	Electronic	0.3	EUR	FRPL				0.3	0.15	EUR	FRPL
EUREX	Eurex	Index	OE8H	EURO STOXX Health Care AFLEX	Opt	Electronic	0.3	EUR	FRPL				0.3	0.15	EUR	FRPL
EUREX	Eurex	Index	OE8I	EURO STOXX Insurance AFLEX	Opt	Electronic	0.3	EUR	FRPL				0.3	0.15	EUR	FRPL
EUREX	Eurex	Index	OE8L	EURO STOXX Real Estate AFLEX	Opt	Electronic	0.3	EUR	FRPL				0.3	0.15	EUR	FRPL
EUREX	Eurex	Index	OE8M	EURO STOXX Media AFLEX	Opt	Electronic	0.3	EUR	FRPL				0.3	0.15	EUR	FRPL
EUREX	Eurex	Index	OE8N	EURO STOXX Construction & Materials AFLEX	Opt	Electronic	0.3	EUR	FRPL				0.3	0.15	EUR	FRPL
EUREX	Eurex	Index	OE8O	EURO STOXX Food & Beverage AFLEX	Opt	Electronic	0.3	EUR	FRPL				0.3	0.15	EUR	FRPL
EUREX	Eurex	Index	OE8R	EURO STOXX Retail AFLEX	Opt	Electronic	0.3	EUR	FRPL				0.3	0.15	EUR	FRPL
EUREX	Eurex	Index	OE8S	EURO STOXX Basic Resources AFLEX	Opt	Electronic	0.3	EUR	FRPL				0.3	0.15	EUR	FRPL
EUREX	Eurex	Index	OE8T	EURO STOXX Telecommunications AFLEX	Opt	Electronic	0.3	EUR	FRPL				0.3	0.15	EUR	FRPL
EUREX	Eurex	Index	OE8U	EURO STOXX Utilities AFLEX	Opt	Electronic	0.3	EUR	FRPL				0.3	0.15	EUR	FRPL
EUREX	Eurex	Index	OE8V	EURO STOXX Travel & Leisure AFLEX	Opt	Electronic	0.3	EUR	FRPL				0.3	0.15	EUR	FRPL
EUREX	Eurex	Index	OE8X	EURO STOXX 50 Index AFLEX	Opt	Electronic	0.3	EUR	FRPL				0.3	0.15	EUR	FRPL
EUREX	Eurex	Index	OE8Y	EURO STOXX Technology AFLEX	Opt	Electronic	0.3	EUR	FRPL				0.3	0.15	EUR	FRPL
EUREX	Eurex	Index	OE8Z	EURO STOXX Personal & Household Goods AFLEX	Opt	Electronic	0.3	EUR	FRPL				0.3	0.15	EUR	FRPL
EUREX	Eurex	Index	OED7	EURO STOXX Select Dividend 30 Index EFLEX	Opt	Electronic	0.3	EUR	FRPL				0.3	0.15	EUR	FRPL
EUREX	Eurex	Index	OED8	EURO STOXX Select Dividend 30 Index AFLEX	Opt	Electronic	0.3	EUR	FRPL				0.3	0.15	EUR	FRPL
EUREX	Eurex	Index	OEDV	EURO STOXX Select Dividend 30 Index	Opt	Electronic	0.3	EUR	FRPL				0.3	0.15	EUR	FRPL
EUREX	Eurex	Equity	OEMF	TomTom N.V	Fut	Electronic	0.13	EUR	FRPL				0.13	0.15	EUR	FRPL

Exch Code	Exch Desc	Comm Group	Prod Code	Product Desc	F/O	Platform	Trd Fee	Trd Fee Cur	Trd Fee Meth	Clr Fee	Clr Fee Cur	Clr Fee Meth	Fee Total	Brk Fee	Brk Fee Cur	Brk Fee Meth
EUREX	Eurex	Equity	OERG	OC Oerlikon Corporation AG	Fut	Electronic	0.2	CHF	FRPL				0.2	0.2	CHF	FRPL
EUREX	Eurex	Index	OES1	EURO STOXX 50 Index Week 1	Opt	Electronic	0.3	EUR	FRPL				0.3	0.15	EUR	FRPL
EUREX	Eurex	Index	OES2	EURO STOXX 50 Index Week 2	Opt	Electronic	0.3	EUR	FRPL				0.3	0.15	EUR	FRPL
EUREX	Eurex	Index	OES4	EURO STOXX 50 Index Week 4	Opt	Electronic	0.3	EUR	FRPL				0.3	0.15	EUR	FRPL
EUREX	Eurex	Index	OES5	EURO STOXX 50 Index Week 5	Opt	Electronic	0.3	EUR	FRPL				0.3	0.15	EUR	FRPL
EUREX	Eurex	Index	OESA	EURO STOXX Automobiles & Parts	Opt	Electronic	0.3	EUR	FRPL				0.3	0.15	EUR	FRPL
EUREX	Eurex	Index	OESB	EURO STOXX Banks	Opt	Electronic	0.3	EUR	FRPL				0.3	0.15	EUR	FRPL
EUREX	Eurex	Index	OESC	EURO STOXX Chemicals	Opt	Electronic	0.3	EUR	FRPL				0.3	0.15	EUR	FRPL
EUREX	Eurex	Index	OESE	EURO STOXX Oil & Gas	Opt	Electronic	0.3	EUR	FRPL				0.3	0.15	EUR	FRPL
EUREX	Eurex	Index	OESF	EURO STOXX Financial Services	Opt	Electronic	0.3	EUR	FRPL				0.3	0.15	EUR	FRPL
EUREX	Eurex	Index	OESG	EURO STOXX Industrial Goods & Services	Opt	Electronic	0.3	EUR	FRPL				0.3	0.15	EUR	FRPL
EUREX	Eurex	Index	OESH	EURO STOXX Health Care	Opt	Electronic	0.3	EUR	FRPL				0.3	0.15	EUR	FRPL
EUREX	Eurex	Index	OESI	EURO STOXX Insurance	Opt	Electronic	0.3	EUR	FRPL				0.3	0.15	EUR	FRPL
EUREX	Eurex	Index	OESL	EURO STOXX Real Estate	Opt	Electronic	0.3	EUR	FRPL				0.3	0.15	EUR	FRPL
EUREX	Eurex	Index	OESM	EURO STOXX Media	Opt	Electronic	0.3	EUR	FRPL				0.3	0.15	EUR	FRPL
EUREX	Eurex	Index	OESN	EURO STOXX Construction & Materials	Opt	Electronic	0.3	EUR	FRPL				0.3	0.15	EUR	FRPL
EUREX	Eurex	Index	OESO	EURO STOXX Food & Beverage	Opt	Electronic	0.3	EUR	FRPL				0.3	0.15	EUR	FRPL
EUREX	Eurex	Index	OESR	EURO STOXX Retail	Opt	Electronic	0.3	EUR	FRPL				0.3	0.15	EUR	FRPL
EUREX	Eurex	Index	OESS	EURO STOXX Basic Resources	Opt	Electronic	0.3	EUR	FRPL				0.3	0.15	EUR	FRPL
EUREX	Eurex	Index	OEST	EURO STOXX Telecommunications	Opt	Electronic	0.3	EUR	FRPL				0.3	0.15	EUR	FRPL
EUREX	Eurex	Index	OESU	EURO STOXX Utilities	Opt	Electronic	0.3	EUR	FRPL				0.3	0.15	EUR	FRPL
EUREX	Eurex	Index	OESV	EURO STOXX Travel & Leisure	Opt	Electronic	0.3	EUR	FRPL				0.3	0.15	EUR	FRPL
EUREX	Eurex	Index	OESX	EURO STOXX 50 Index	Opt	Electronic	0.3	EUR	FRPL				0.3	0.15	EUR	FRPL
EUREX	Eurex	Index	OESY	EURO STOXX Technology	Opt	Electronic	0.3	EUR	FRPL				0.3	0.15	EUR	FRPL
EUREX	Eurex	Index	OESZ	EURO STOXX Personal & Household Goods	Opt	Electronic	0.3	EUR	FRPL				0.3	0.15	EUR	FRPL
EUREX	Eurex	Int Rate	OEU3	Three-Month EURIBOR	Opt	Electronic	0.2	EUR	FRPL				0.2	0.15	EUR	FRPL
EUREX	Eurex	Int Rate	OEUH	Three-Month EURIBOR Mid Curve March	Opt	Electronic	0.2	EUR	FRPL				0.2	0.15	EUR	FRPL
EUREX	Eurex	Int Rate	OEUM	Three-Month EURIBOR Mid Curve June	Opt	Electronic	0.2	EUR	FRPL				0.2	0.15	EUR	FRPL
EUREX	Eurex	Int Rate	OEUU	Three-Month EURIBOR Mid Curve September	Opt	Electronic	0.2	EUR	FRPL				0.2	0.15	EUR	FRPL
EUREX	Eurex	Int Rate	OEUZ	Three-Month EURIBOR Mid Curve December	Opt	Electronic	0.2	EUR	FRPL				0.2	0.15	EUR	FRPL
EUREX	Eurex	Index	OEXD	EURO STOXX 50 Index Dividend	Opt	Electronic	1.2	EUR	FRPL				1.2	0.15	EUR	FRPL
EUREX	Eurex	Index	OEXF	EURO STOXX ex Financials Index	Opt	Electronic	0.3	EUR	FRPL				0.3	0.15	EUR	FRPL
EUREX	Eurex	Index	OF7X	OMX-Helsinki 25 EFLEX	Opt	Electronic	0.5	EUR	FRPL				0.5	0.15	EUR	FRPL
EUREX	Eurex	Index	OF8X	OMX-Helsinki 25 AFLEX	Opt	Electronic	0.5	EUR	FRPL				0.5	0.15	EUR	FRPL
EUREX	Eurex	Index	OFOX	OMX-Helsinki 25	Opt	Electronic	0.5	EUR	FRPL				0.5	0.15	EUR	FRPL
EUREX	Eurex	Index	OG7I	Dow Jones Global Titans 50 Index EFLEX	Opt	Electronic	0.3	EUR	FRPL				0.3	0.15	EUR	FRPL
EUREX	Eurex	Int Rate	OG7L	Euro-Bund EFLEX	Opt	Electronic	0.2	EUR	FRPL				0.2	0.15	EUR	FRPL
EUREX	Eurex	Int Rate	OG7M	Euro-Bobl EFLEX	Opt	Electronic	0.2	EUR	FRPL				0.2	0.15	EUR	FRPL
EUREX	Eurex	Int Rate	OG7S	Euro-Schatz EFLEX	Opt	Electronic	0.2	EUR	FRPL				0.2	0.15	EUR	FRPL
EUREX	Eurex	Metal	OG7X	Gold EFLEX	Opt	Electronic	0.7	USD	FRPL				0.7	0.2	USD	FRPL
EUREX	Eurex	Index	OG8I	Dow Jones Global Titans 50 Index AFLEX	Opt	Electronic	0.3	EUR	FRPL				0.3	0.15	EUR	FRPL
EUREX	Eurex	Int Rate	OG8L	Euro-Bund AFLEX	Opt	Electronic	0.2	EUR	FRPL				0.2	0.15	EUR	FRPL
EUREX	Eurex	Int Rate	OG8M	Euro-Bobl AFLEX	Opt	Electronic	0.2	EUR	FRPL				0.2	0.15	EUR	FRPL
EUREX	Eurex	Int Rate	OG8S	Euro-Schatz AFLEX	Opt	Electronic	0.2	EUR	FRPL				0.2	0.15	EUR	FRPL
EUREX	Eurex	Metal	OG8X	Gold AFLEX	Opt	Electronic	0.7	USD	FRPL				0.7	0.2	USD	FRPL
EUREX	Eurex	Int Rate	OGBL	Euro-Bund	Opt	Electronic	0.2	EUR	FRPL				0.2	0.15	EUR	FRPL
EUREX	Eurex	Int Rate	OGBM	Euro-Bobl	Opt	Electronic	0.2	EUR	FRPL				0.2	0.15	EUR	FRPL
EUREX	Eurex	Int Rate	OGBS	Euro-Schatz	Opt	Electronic	0.2	EUR	FRPL				0.2	0.15	EUR	FRPL
EUREX	Eurex	Metal	OGFX	Gold	Opt	Electronic	0.7	USD	FRPL				0.7	0.2	USD	FRPL
EUREX	Eurex	Index	OGTI	Dow Jones Global Titans 50 Index	Opt	Electronic	0.3	EUR	FRPL				0.3	0.15	EUR	FRPL
EUREX	Eurex	Equity	OJ4G	Rosneft FLEX	Fut	Electronic	0.3	USD	FRPL				0.3	0.2	USD	FRPL
EUREX	Eurex	Equity	OJ5G	Rosneft FLEX	Fut	Electronic	0.3	USD	FRPL				0.3	0.2	USD	FRPL
EUREX	Eurex	Equity	OJSG	Rosneft	Fut	Electronic	0.2	USD	FRPL				0.2	0.2	USD	FRPL
EUREX	Eurex	Equity	OK3F	Oskosh Corporation	Fut	Electronic	0.2	USD	FRPL				0.2	0.2	USD	FRPL
EUREX	Eurex	Equity	OK4F	Pohjola Bank PLC FLEX	Fut	Electronic	0.2	EUR	FRPL				0.2	0.15	EUR	FRPL
EUREX	Eurex	Equity	OK5F	Pohjola Bank PLC FLEX	Fut	Electronic	0.2	EUR	FRPL				0.2	0.15	EUR	FRPL
EUREX	Eurex	Equity	OKBF	Pohjola Bank PLC	Fut	Electronic	0.13	EUR	FRPL				0.13	0.15	EUR	FRPL
EUREX	Eurex	Index	OL7E	EURO STOXX Large Index EFLEX	Opt	Electronic	0.3	EUR	FRPL				0.3	0.15	EUR	FRPL
EUREX	Eurex	Index	OL7P	STOXX Europe Large 200 Index EFLEX	Opt	Electronic	0.3	EUR	FRPL				0.3	0.15	EUR	FRPL

Exch Code	Exch Desc	Comm Group	Prod Code	Product Desc	F/O	Platform	Trd Fee	Trd Fee Cur	Trd Fee Meth	Clr Fee	Clr Fee Cur	Clr Fee Meth	Fee Total	Brk Fee	Brk Fee Cur	Brk Fee Meth
EUREX	Eurex	Index	OL8E	EURO STOXX Large Index AFLEX	Opt	Electronic	0.3	EUR	FRPL				0.3	0.15	EUR	FRPL
EUREX	Eurex	Index	OL8P	STOXX Europe Large 200 Index AFLEX	Opt	Electronic	0.3	EUR	FRPL				0.3	0.15	EUR	FRPL
EUREX	Eurex	Index	OLCE	EURO STOXX Large Index	Opt	Electronic	0.3	EUR	FRPL				0.3	0.15	EUR	FRPL
EUREX	Eurex	Index	OLCP	STOXX Europe Large 200 Index	Opt	Electronic	0.3	EUR	FRPL				0.3	0.15	EUR	FRPL
EUREX	Eurex	Equity	OM4F	OMV AG FLEX	Fut	Electronic	0.2	EUR	FRPL				0.2	0.15	EUR	FRPL
EUREX	Eurex	Equity	OM5F	OMV AG FLEX	Fut	Electronic	0.2	EUR	FRPL				0.2	0.15	EUR	FRPL
EUREX	Eurex	Index	OM7E	EURO STOXX Mid Index EFLEX	Opt	Electronic	0.3	EUR	FRPL				0.3	0.15	EUR	FRPL
EUREX	Eurex	Index	OM7P	STOXX Europe Mid 200 Index EFLEX	Opt	Electronic	0.3	EUR	FRPL				0.3	0.15	EUR	FRPL
EUREX	Eurex	Index	OM7U	MSCI Russia Index EFLEX	Opt	Electronic	0.4	USD	FRPL				0.4	0.2	USD	FRPL
EUREX	Eurex	Index	OM8E	EURO STOXX Mid Index AFLEX	Opt	Electronic	0.3	EUR	FRPL				0.3	0.15	EUR	FRPL
EUREX	Eurex	Index	OM8P	STOXX Europe Mid 200 Index AFLEX	Opt	Electronic	0.3	EUR	FRPL				0.3	0.15	EUR	FRPL
EUREX	Eurex	Index	OM8U	MSCI Russia Index EFLEX	Opt	Electronic	0.4	USD	FRPL				0.4	0.2	USD	FRPL
EUREX	Eurex	Index	OMCE	EURO STOXX Mid Index	Opt	Electronic	0.3	EUR	FRPL				0.3	0.15	EUR	FRPL
EUREX	Eurex	Index	OMCP	STOXX Europe Mid 200 Index	Opt	Electronic	0.3	EUR	FRPL				0.3	0.15	EUR	FRPL
EUREX	Eurex	Equity	OML4	Old Mutual PLC FLEX	Fut	Electronic	0.15	GBP	FRPL				0.15	0.15	GBP	FRPL
EUREX	Eurex	Equity	OML5	Old Mutual PLC FLEX	Fut	Electronic	0.15	GBP	FRPL				0.15	0.15	GBP	FRPL
EUREX	Eurex	Equity	OMLF	Old Mutual PLC	Fut	Electronic	0.1	GBP	FRPL				0.1	0.15	GBP	FRPL
EUREX	Eurex	Index	OMRU	MSCI Russia Index	Opt	Electronic	0.4	USD	FRPL				0.4	0.2	USD	FRPL
EUREX	Eurex	Equity	OMVF	OMV AG	Fut	Electronic	0.13	EUR	FRPL				0.13	0.15	EUR	FRPL
EUREX	Eurex	Index	OPH6	ETFS Physical Gold EFLEX	Opt	Electronic	0.2	USD	FRPL				0.2	0.2	USD	FRPL
EUREX	Eurex	Index	OPH7	ETFS Physical Gold EFLEX	Opt	Electronic	0.2	USD	FRPL				0.2	0.2	USD	FRPL
EUREX	Eurex	Index	OPH8	ETFS Physical Gold AFLEX	Opt	Electronic	0.2	USD	FRPL				0.2	0.2	USD	FRPL
EUREX	Eurex	Index	OPH9	ETFS Physical Gold AFLEX	Opt	Electronic	0.2	USD	FRPL				0.2	0.2	USD	FRPL
EUREX	Eurex	Index	OPHA	ETFS Physical Gold	Opt	Electronic	0.2	USD	FRPL				0.2	0.2	USD	FRPL
EUREX	Eurex	Equity	OR4F	Oracle Corp FLEX	Fut	Electronic	0.3	USD	FRPL				0.3	0.2	USD	FRPL
EUREX	Eurex	Index	OR6X	RDX USD EFLEX	Opt	Electronic	0.4	USD	FRPL				0.4	0.15	EUR	FRPL
EUREX	Eurex	Index	OR7X	RDX USD EFLEX	Opt	Electronic	0.4	USD	FRPL				0.4	0.15	EUR	FRPL
EUREX	Eurex	Index	OR8X	RDX USD AFLEX	Opt	Electronic	0.4	USD	FRPL				0.4	0.15	EUR	FRPL
EUREX	Eurex	Index	OR9X	RDX USD AFLEX	Opt	Electronic	0.4	USD	FRPL				0.4	0.15	EUR	FRPL
EUREX	Eurex	Equity	ORCF	Oracle Corp	Fut	Electronic	0.2	USD	FRPL				0.2	0.2	USD	FRPL
EUREX	Eurex	Index	ORDX	RDX USD	Opt	Electronic	0.4	USD	FRPL				0.4	0.15	EUR	FRPL
EUREX	Eurex	Equity	ORP4	Orpea FLEX	Fut	Electronic	0.2	EUR	FRPL				0.2	0.15	EUR	FRPL
EUREX	Eurex	Equity	ORP5	Orpea FLEX	Fut	Electronic	0.2	EUR	FRPL				0.2	0.15	EUR	FRPL
EUREX	Eurex	Equity	ORPF	Orpea	Fut	Electronic	0.13	EUR	FRPL				0.13	0.15	EUR	FRPL
EUREX	Eurex	Index	OS7A	STOXX Europe 600 Automobiles & Parts EFLEX	Opt	Electronic	0.3	EUR	FRPL				0.3	0.15	EUR	FRPL
EUREX	Eurex	Index	OS7B	STOXX Europe 600 Banks EFLEX	Opt	Electronic	0.3	EUR	FRPL				0.3	0.15	EUR	FRPL
EUREX	Eurex	Index	OS7C	STOXX Europe 600 Chemicals EFLEX	Opt	Electronic	0.3	EUR	FRPL				0.3	0.15	EUR	FRPL
EUREX	Eurex	Index	OS7E	STOXX Europe 600 Oil & Gas EFLEX	Opt	Electronic	0.3	EUR	FRPL				0.3	0.15	EUR	FRPL
EUREX	Eurex	Index	OS7F	STOXX Europe 600 Financial Services EFLEX	Opt	Electronic	0.3	EUR	FRPL				0.3	0.15	EUR	FRPL
EUREX	Eurex	Index	OS7G	STOXX Europe 600 Industrial Goods & Services EFLEX	Opt	Electronic	0.3	EUR	FRPL				0.3	0.15	EUR	FRPL
EUREX	Eurex	Index	OS7H	STOXX Europe 600 Health Care EFLEX	Opt	Electronic	0.3	EUR	FRPL				0.3	0.15	EUR	FRPL
EUREX	Eurex	Index	OS7I	STOXX Europe 600 Insurance EFLEX	Opt	Electronic	0.3	EUR	FRPL				0.3	0.15	EUR	FRPL
EUREX	Eurex	Index	OS7L	STOXX Europe 600 Real Estate EFLEX	Opt	Electronic	0.3	EUR	FRPL				0.3	0.15	EUR	FRPL
EUREX	Eurex	Index	OS7M	STOXX Europe 600 Media EFLEX	Opt	Electronic	0.3	EUR	FRPL				0.3	0.15	EUR	FRPL
EUREX	Eurex	Index	OS7N	STOXX Europe 600 Construction & Materials EFLEX	Opt	Electronic	0.3	EUR	FRPL				0.3	0.15	EUR	FRPL
EUREX	Eurex	Index	OS7O	STOXX Europe 600 Food & Beverage EFLEX	Opt	Electronic	0.3	EUR	FRPL				0.3	0.15	EUR	FRPL
EUREX	Eurex	Index	OS7P	STOXX Europe Small 200 Index EFLEX	Opt	Electronic	0.3	EUR	FRPL				0.3	0.15	EUR	FRPL
EUREX	Eurex	Index	OS7R	STOXX Europe 600 Retail EFLEX	Opt	Electronic	0.3	EUR	FRPL				0.3	0.15	EUR	FRPL
EUREX	Eurex	Index	OS7S	STOXX Europe 600 Basic Resources EFLEX	Opt	Electronic	0.3	EUR	FRPL				0.3	0.15	EUR	FRPL
EUREX	Eurex	Index	OS7T	STOXX Europe 600 Telecommunications EFLEX	Opt	Electronic	0.3	EUR	FRPL				0.3	0.15	EUR	FRPL
EUREX	Eurex	Index	OS7U	STOXX Europe 600 Utilities EFLEX	Opt	Electronic	0.3	EUR	FRPL				0.3	0.15	EUR	FRPL
EUREX	Eurex	Index	OS7V	STOXX Europe 600 Travel & Leisure EFLEX	Opt	Electronic	0.3	EUR	FRPL				0.3	0.15	EUR	FRPL
EUREX	Eurex	Index	OS7X	STOXX Europe 50 Index EFLEX	Opt	Electronic	0.3	EUR	FRPL				0.3	0.15	EUR	FRPL
EUREX	Eurex	Index	OS7Y	STOXX Europe 600 Technology EFLEX	Opt	Electronic	0.3	EUR	FRPL				0.3	0.15	EUR	FRPL
EUREX	Eurex	Index	OS7Z	STOXX Europe 600 Personal & Household Goods EFLEX	Opt	Electronic	0.3	EUR	FRPL				0.3	0.15	EUR	FRPL
EUREX	Eurex	Index	OS8A	STOXX Europe 600 Automobiles & Parts AFLEX	Opt	Electronic	0.3	EUR	FRPL				0.3	0.15	EUR	FRPL
EUREX	Eurex	Index	OS8B	STOXX Europe 600 Banks AFLEX	Opt	Electronic	0.3	EUR	FRPL				0.3	0.15	EUR	FRPL
EUREX	Eurex	Index	OS8C	STOXX Europe 600 Chemicals AFLEX	Opt	Electronic	0.3	EUR	FRPL				0.3	0.15	EUR	FRPL
EUREX	Eurex	Index	OS8E	STOXX Europe 600 Oil & Gas AFLEX	Opt	Electronic	0.3	EUR	FRPL				0.3	0.15	EUR	FRPL

Exch Code	Exch Desc	Comm Group	Prod Code	Product Desc	F/O	Platform	Trd Fee	Trd Fee Cur	Trd Fee Meth	Clr Fee	Clr Fee Cur	Clr Fee Meth	Fee Total	Brk Fee	Brk Fee Cur	Brk Fee Meth
EUREX	Eurex	Index	OS8F	STOXX Europe 600 Financial Services AFLEX	Opt	Electronic	0.3	EUR	FRPL				0.3	0.15	EUR	FRPL
EUREX	Eurex	Index	OS8G	STOXX Europe 600 Industrial Goods & Services AFLEX	Opt	Electronic	0.3	EUR	FRPL				0.3	0.15	EUR	FRPL
EUREX	Eurex	Index	OS8H	STOXX Europe 600 Health Care AFLEX	Opt	Electronic	0.3	EUR	FRPL				0.3	0.15	EUR	FRPL
EUREX	Eurex	Index	OS8L	STOXX Europe 600 Real Estate AFLEX	Opt	Electronic	0.3	EUR	FRPL				0.3	0.15	EUR	FRPL
EUREX	Eurex	Index	OS8M	STOXX Europe 600 Media AFLEX	Opt	Electronic	0.3	EUR	FRPL				0.3	0.15	EUR	FRPL
EUREX	Eurex	Index	OS8N	STOXX Europe 600 Construction & Materials AFLEX	Opt	Electronic	0.3	EUR	FRPL				0.3	0.15	EUR	FRPL
EUREX	Eurex	Index	OS8O	STOXX Europe 600 Food & Beverage AFLEX	Opt	Electronic	0.3	EUR	FRPL				0.3	0.15	EUR	FRPL
EUREX	Eurex	Index	OS8P	STOXX Europe Small 200 Index AFLEX	Opt	Electronic	0.3	EUR	FRPL				0.3	0.15	EUR	FRPL
EUREX	Eurex	Index	OS8R	STOXX Europe 600 Retail AFLEX	Opt	Electronic	0.3	EUR	FRPL				0.3	0.15	EUR	FRPL
EUREX	Eurex	Index	OS8S	STOXX Europe 600 Basic Resources AFLEX	Opt	Electronic	0.3	EUR	FRPL				0.3	0.15	EUR	FRPL
EUREX	Eurex	Index	OS8T	STOXX Europe 600 Telecommunications AFLEX	Opt	Electronic	0.3	EUR	FRPL				0.3	0.15	EUR	FRPL
EUREX	Eurex	Index	OS8U	STOXX Europe 600 Utilities AFLEX	Opt	Electronic	0.3	EUR	FRPL				0.3	0.15	EUR	FRPL
EUREX	Eurex	Index	OS8V	STOXX Europe 600 Travel & Leisure AFLEX	Opt	Electronic	0.3	EUR	FRPL				0.3	0.15	EUR	FRPL
EUREX	Eurex	Index	OS8X	STOXX Europe 50 Index AFLEX	Opt	Electronic	0.3	EUR	FRPL				0.3	0.15	EUR	FRPL
EUREX	Eurex	Index	OS8Y	STOXX Europe 600 Technology AFLEX	Opt	Electronic	0.3	EUR	FRPL				0.3	0.15	EUR	FRPL
EUREX	Eurex	Index	OS8Z	STOXX Europe 600 Personal & Household Goods AFLEX	Opt	Electronic	0.3	EUR	FRPL				0.3	0.15	EUR	FRPL
EUREX	Eurex	Index	OSC6	EURO STOXX Small Index EFLEX	Opt	Electronic	0.3	EUR	FRPL				0.3	0.15	EUR	FRPL
EUREX	Eurex	Index	OSC8	EURO STOXX Small Index AFLEX	Opt	Electronic	0.3	EUR	FRPL				0.3	0.15	EUR	FRPL
EUREX	Eurex	Index	OSCE	EURO STOXX Small Index	Opt	Electronic	0.3	EUR	FRPL				0.3	0.15	EUR	FRPL
EUREX	Eurex	Index	OSCP	STOXX Europe Small 200 Index	Opt	Electronic	0.3	EUR	FRPL				0.3	0.15	EUR	FRPL
EUREX	Eurex	Index	OSE6	SENSEX Index EFLEX	Opt	Electronic	0.2	USD	FRPL				0.2	0.2	USD	FRPL
EUREX	Eurex	Index	OSE8	SENSEX Index AFLEX	Opt	Electronic	0.2	USD	FRPL				0.2	0.15	EUR	FRPL
EUREX	Eurex	Index	OSEN	SENSEX Index	Opt	Electronic	0.2	USD	FRPL				0.2	0.2	USD	FRPL
EUREX	Eurex	Metal	OSF6	Silver EFLEX	Opt	Electronic	0.7	USD	FRPL				0.7	0.2	USD	FRPL
EUREX	Eurex	Metal	OSF8	Silver AFLEX	Opt	Electronic	0.7	USD	FRPL				0.7	0.2	USD	FRPL
EUREX	Eurex	Metal	OSFX	Silver	Opt	Electronic	0.7	USD	FRPL				0.7	0.2	USD	FRPL
EUREX	Eurex	Index	OSL7	SLI Swiss Leader Index EFLEX	Opt	Electronic	0.4	CHF	FRPL				0.4	0.2	CHF	FRPL
EUREX	Eurex	Index	OSL8	SLI Swiss Leader Index AFLEX	Opt	Electronic	0.4	CHF	FRPL				0.4	0.2	CHF	FRPL
EUREX	Eurex	Index	OSLI	SLI Swiss Leader Index	Opt	Electronic	0.4	CHF	FRPL				0.4	0.2	CHF	FRPL
EUREX	Eurex	Index	OSM7	SMI EFLEX	Opt	Electronic	1	CHF	FRPL				1	0.2	CHF	FRPL
EUREX	Eurex	Index	OSM8	SMI AFLEX	Opt	Electronic	1	CHF	FRPL				1	0.2	CHF	FRPL
EUREX	Eurex	Index	OSMI	SMI	Opt	Electronic	1	CHF	FRPL				1	0.2	CHF	FRPL
EUREX	Eurex	Index	OSMM	SMIM	Opt	Electronic	0.4	CHF	FRPL				0.4	0.2	CHF	FRPL
EUREX	Eurex	Index	OST8	STOXX Europe 600 Insurance AFLEX	Opt	Electronic	0.3	EUR	FRPL				0.3	0.15	EUR	FRPL
EUREX	Eurex	Index	OSTA	STOXX Europe 600 Automobiles & Parts	Opt	Electronic	0.3	EUR	FRPL				0.3	0.15	EUR	FRPL
EUREX	Eurex	Index	OSTB	STOXX Europe 600 Banks	Opt	Electronic	0.3	EUR	FRPL				0.3	0.15	EUR	FRPL
EUREX	Eurex	Index	OSTC	STOXX Europe 600 Chemicals	Opt	Electronic	0.3	EUR	FRPL				0.3	0.15	EUR	FRPL
EUREX	Eurex	Index	OSTE	STOXX Europe 600 Oil & Gas	Opt	Electronic	0.3	EUR	FRPL				0.3	0.15	EUR	FRPL
EUREX	Eurex	Index	OSTF	STOXX Europe 600 Financial Services	Opt	Electronic	0.3	EUR	FRPL				0.3	0.15	EUR	FRPL
EUREX	Eurex	Index	OSTG	STOXX Europe 600 Industrial Goods & Services	Opt	Electronic	0.3	EUR	FRPL				0.3	0.15	EUR	FRPL
EUREX	Eurex	Index	OSTH	STOXX Europe 600 Health Care	Opt	Electronic	0.3	EUR	FRPL				0.3	0.15	EUR	FRPL
EUREX	Eurex	Index	OSTI	STOXX Europe 600 Insurance	Opt	Electronic	0.3	EUR	FRPL				0.3	0.15	EUR	FRPL
EUREX	Eurex	Index	OSTL	STOXX Europe 600 Real Estate	Opt	Electronic	0.3	EUR	FRPL				0.3	0.15	EUR	FRPL
EUREX	Eurex	Index	OSTM	STOXX Europe 600 Media	Opt	Electronic	0.3	EUR	FRPL				0.3	0.15	EUR	FRPL
EUREX	Eurex	Index	OSTN	STOXX Europe 600 Construction & Materials	Opt	Electronic	0.3	EUR	FRPL				0.3	0.15	EUR	FRPL
EUREX	Eurex	Index	OSTO	STOXX Europe 600 Food & Beverage	Opt	Electronic	0.3	EUR	FRPL				0.3	0.15	EUR	FRPL
EUREX	Eurex	Index	OSTR	STOXX Europe 600 Retail	Opt	Electronic	0.3	EUR	FRPL				0.3	0.15	EUR	FRPL
EUREX	Eurex	Index	OSTS	STOXX Europe 600 Basic Resources	Opt	Electronic	0.3	EUR	FRPL				0.3	0.15	EUR	FRPL
EUREX	Eurex	Index	OSTT	STOXX Europe 600 Telecommunications	Opt	Electronic	0.3	EUR	FRPL				0.3	0.15	EUR	FRPL
EUREX	Eurex	Index	OSTU	STOXX Europe 600 Utilities	Opt	Electronic	0.3	EUR	FRPL				0.3	0.15	EUR	FRPL
EUREX	Eurex	Index	OSTV	STOXX Europe 600 Travel & Leisure	Opt	Electronic	0.3	EUR	FRPL				0.3	0.15	EUR	FRPL
EUREX	Eurex	Index	OSTX	STOXX Europe 50 Index	Opt	Electronic	0.3	EUR	FRPL				0.3	0.15	EUR	FRPL
EUREX	Eurex	Index	OSTY	STOXX Europe 600 Technology	Opt	Electronic	0.3	EUR	FRPL				0.3	0.15	EUR	FRPL
EUREX	Eurex	Index	OSTZ	STOXX Europe 600 Personal & Household Goods	Opt	Electronic	0.3	EUR	FRPL				0.3	0.15	EUR	FRPL
EUREX	Eurex	Equity	OT4F	Hellenic Telecommunications Organization S.A FLEX	Fut	Electronic	0.2	EUR	FRPL				0.2	0.15	EUR	FRPL
EUREX	Eurex	Index	OT7X	TecDAX EFLEX	Opt	Electronic	0.2	EUR	FRPL				0.2	0.15	EUR	FRPL
EUREX	Eurex	Index	OT8X	TecDAX AFLEX	Opt	Electronic	0.2	EUR	FRPL				0.2	0.15	EUR	FRPL
EUREX	Eurex	Index	OTDX	TecDAX	Opt	Electronic	0.2	EUR	FRPL				0.2	0.15	EUR	FRPL
EUREX	Eurex	Equity	OTEF	Hellenic Telecommunications Organization S.A	Fut	Electronic	0.13	EUR	FRPL				0.13	0.15	EUR	FRPL

Exch Code	Exch Desc	Comm Group	Prod Code	Product Desc	F/O	Platform	Trd Fee	Trd Fee Cur	Trd Fee Meth	Clr Fee	Clr Fee Cur	Clr Fee Meth	Fee Total	Brk Fee	Brk Fee Cur	Brk Fee Meth
EUREX	Eurex	Equity	OU4F	Outokumpu Ojy FLEX	Fut	Electronic	0.2	EUR	FRPL				0.2	0.15	EUR	FRPL
EUREX	Eurex	Equity	OU5F	Outokumpu Ojy FLEX	Fut	Electronic	0.2	EUR	FRPL				0.2	0.15	EUR	FRPL
EUREX	Eurex	Equity	OUTF	Outokumpu Ojy	Fut	Electronic	0.13	EUR	FRPL				0.13	0.15	EUR	FRPL
EUREX	Eurex	Index	OVS	VSTOXX	Opt	Electronic	0.3	EUR	FRPL				0.3	0.15	EUR	FRPL
EUREX	Eurex	Equity	OX4F	Occidental Petroleum Corp FLEX	Fut	Electronic	0.3	USD	FRPL				0.3	0.2	USD	FRPL
EUREX	Eurex	Index	OX7E	EURO STOXX Index EFLEX	Opt	Electronic	0.3	EUR	FRPL				0.3	0.15	EUR	FRPL
EUREX	Eurex	Index	OX7P	STOXX Europe 600 Index EFLEX	Opt	Electronic	0.3	EUR	FRPL				0.3	0.15	EUR	FRPL
EUREX	Eurex	Index	OX8E	EURO STOXX Index AFLEX	Opt	Electronic	0.3	EUR	FRPL				0.3	0.15	EUR	FRPL
EUREX	Eurex	Index	OX8P	STOXX Europe 600 Index AFLEX	Opt	Electronic	0.3	EUR	FRPL				0.3	0.15	EUR	FRPL
EUREX	Eurex	Metal	OXG6	Xetra Gold EFLEX	Opt	Electronic	0.3	EUR	FRPL				0.3	0.15	EUR	FRPL
EUREX	Eurex	Metal	OXG7	Xetra Gold EFLEX	Opt	Electronic	0.3	EUR	FRPL				0.3	0.15	EUR	FRPL
EUREX	Eurex	Metal	OXG8	Xetra Gold AFLEX	Opt	Electronic	0.3	EUR	FRPL				0.3	0.15	EUR	FRPL
EUREX	Eurex	Metal	OXG9	Xetra Gold AFLEX	Opt	Electronic	0.3	EUR	FRPL				0.3	0.15	EUR	FRPL
EUREX	Eurex	Metal	OXGL	Xetra Gold	Opt	Electronic	0.2	EUR	FRPL				0.2	0.15	EUR	FRPL
EUREX	Eurex	Index	OXXE	EURO STOXX Index	Opt	Electronic	0.3	EUR	FRPL				0.3	0.15	EUR	FRPL
EUREX	Eurex	Index	OXXP	STOXX Europe 600 Index	Opt	Electronic	0.3	EUR	FRPL				0.3	0.15	EUR	FRPL
EUREX	Eurex	Equity	OXYF	Occidental Petroleum Corp	Fut	Electronic	0.2	USD	FRPL				0.2	0.2	USD	FRPL
EUREX	Eurex	Equity	OZ4F	Grifols S.A FLEX	Fut	Electronic	0.2	EUR	FRPL				0.2	0.15	EUR	FRPL
EUREX	Eurex	Equity	OZ4G	Grifols S.A FLEX	Fut	Electronic	0.2	EUR	FRPL				0.2	0.15	EUR	FRPL
EUREX	Eurex	Equity	OZTF	Grifols S.A	Fut	Electronic	0.13	EUR	FRPL				0.13	0.15	EUR	FRPL
EUREX	Eurex	Equity	OZTG	Grifols S.A	Fut	Electronic	0.13	EUR	FRPL				0.13	0.15	EUR	FRPL
EUREX	Eurex	Equity	P24G	Petrofac Ltd FLEX	Fut	Electronic	0.15	GBP	FRPL				0.15	0.15	GBP	FRPL
EUREX	Eurex	Equity	P25G	Petrofac Ltd FLEX	Fut	Electronic	0.15	GBP	FRPL				0.15	0.15	GBP	FRPL
EUREX	Eurex	Equity	P2FG	Petrofac Ltd	Fut	Electronic	0.1	GBP	FRPL				0.1	0.15	GBP	FRPL
EUREX	Eurex	Equity	P2HI	Koninklijke Philips Electronics N.V Dividend	Fut	Electronic	1.2	EUR	FRPL				1.2	0.15	EUR	FRPL
EUREX	Eurex	Equity	P4EF	Penn West Petroleum Ltd FLEX	Fut	Electronic	0.3	USD	FRPL				0.3	0.2	USD	FRPL
EUREX	Eurex	Equity	P4HF	Partners Group Holding AG FLEX	Fut	Electronic	0.3	CHF	FRPL				0.3	0.2	CHF	FRPL
EUREX	Eurex	Equity	P4KF	Park National Corporation FLEX	Fut	Electronic	0.3	USD	FRPL				0.3	0.2	USD	FRPL
EUREX	Eurex	Equity	P4LF	PostNL NV FLEX	Fut	Electronic	0.2	EUR	FRPL				0.2	0.15	EUR	FRPL
EUREX	Eurex	Equity	P4MF	Puma SE FLEX	Fut	Electronic	0.2	EUR	FRPL				0.2	0.15	EUR	FRPL
EUREX	Eurex	Equity	P4NF	Polskie Gornictwo Naftowe I FLEX	Fut	Electronic	0.2	EUR	FRPL				0.2	0.15	EUR	FRPL
EUREX	Eurex	Equity	P4RF	Canadian Pacific Railway Ltd FLEX	Fut	Electronic	0.3	USD	FRPL				0.3	0.2	USD	FRPL
EUREX	Eurex	Equity	P4VF	Pfeiffer Vacuum Technology AG FLEX	Fut	Electronic	0.2	EUR	FRPL				0.2	0.15	EUR	FRPL
EUREX	Eurex	Equity	P54F	Pembina Pipeline Corporation FLEX	Fut	Electronic	0.3	USD	FRPL				0.3	0.2	USD	FRPL
EUREX	Eurex	Equity	P5HF	Partners Group Holding AG FLEX	Fut	Electronic	0.3	CHF	FRPL				0.3	0.2	CHF	FRPL
EUREX	Eurex	Equity	P5LF	PostNL NV FLEX	Fut	Electronic	0.2	EUR	FRPL				0.2	0.15	EUR	FRPL
EUREX	Eurex	Equity	P5MF	Puma SE FLEX	Fut	Electronic	0.2	EUR	FRPL				0.2	0.15	EUR	FRPL
EUREX	Eurex	Equity	P5PF	Pembina Pipeline Corporation	Fut	Electronic	0.2	USD	FRPL				0.2	0.2	USD	FRPL
EUREX	Eurex	Equity	P5VF	Pfeiffer Vacuum Technology AG FLEX	Fut	Electronic	0.2	EUR	FRPL				0.2	0.15	EUR	FRPL
EUREX	Eurex	Equity	P84F	Pengrowth Energy Corporation FLEX	Fut	Electronic	0.3	USD	FRPL				0.3	0.2	USD	FRPL
EUREX	Eurex	Equity	P8KF	Pengrowth Energy Corporation	Fut	Electronic	0.2	USD	FRPL				0.2	0.2	USD	FRPL
EUREX	Eurex	Equity	PA4F	Palfinger AG FLEX	Fut	Electronic	0.2	EUR	FRPL				0.2	0.15	EUR	FRPL
EUREX	Eurex	Equity	PA4H	Pargesa Holding S.A FLEX	Fut	Electronic	0.3	CHF	FRPL				0.3	0.2	CHF	FRPL
EUREX	Eurex	Equity	PA5F	Palfinger AG FLEX	Fut	Electronic	0.2	EUR	FRPL				0.2	0.15	EUR	FRPL
EUREX	Eurex	Equity	PA5H	Pargesa Holding S.A FLEX	Fut	Electronic	0.3	CHF	FRPL				0.3	0.2	CHF	FRPL
EUREX	Eurex	Index	PAIN	IPD UK Annual All Industrial Index	Fut	Electronic	8	GBP	FRPL				8	0.15	GBP	FRPL
EUREX	Eurex	Equity	PALF	Palfinger AG	Fut	Electronic	0.13	EUR	FRPL				0.13	0.15	EUR	FRPL
EUREX	Eurex	Index	PAOF	IPD UK Annual All Office Index	Fut	Electronic	8	GBP	FRPL				8	0.15	GBP	FRPL
EUREX	Eurex	Index	PARE	IPD UK Annual All Retail Index	Fut	Electronic	8	GBP	FRPL				8	0.15	GBP	FRPL
EUREX	Eurex	Equity	PARH	Pargesa Holding S.A	Fut	Electronic	0.2	CHF	FRPL				0.2	0.2	CHF	FRPL
EUREX	Eurex	Equity	PB4F	Petroleo Brasileiro SA FLEX	Fut	Electronic	0.3	USD	FRPL				0.3	0.2	USD	FRPL
EUREX	Eurex	Equity	PBG4	PBG Spolka Akcyjna FLEX	Fut	Electronic	0.2	EUR	FRPL				0.2	0.15	EUR	FRPL
EUREX	Eurex	Equity	PBGF	PBG Spolka Akcyjna	Fut	Electronic	0.13	EUR	FRPL				0.13	0.15	EUR	FRPL
EUREX	Eurex	Equity	PBRF	Petroleo Brasileiro SA	Fut	Electronic	0.2	USD	FRPL				0.2	0.2	USD	FRPL
EUREX	Eurex	Equity	PC4F	Encana Corporation FLEX	Fut	Electronic	0.3	USD	FRPL				0.3	0.2	USD	FRPL
EUREX	Eurex	Equity	PCDF	Encana Corporation	Fut	Electronic	0.2	USD	FRPL				0.2	0.2	USD	FRPL
EUREX	Eurex	Equity	PCRF	Canadian Pacific Railway Ltd	Fut	Electronic	0.2	USD	FRPL				0.2	0.2	USD	FRPL
EUREX	Eurex	Equity	PE4F	Bank Pekao SA FLEX	Fut	Electronic	0.2	EUR	FRPL				0.2	0.15	EUR	FRPL
EUREX	Eurex	Equity	PE4H	Pernod-Ricard S.A FLEX	Fut	Electronic	0.2	EUR	FRPL				0.2	0.15	EUR	FRPL

Exch Code	Exch Desc	Comm Group	Prod Code	Product Desc	F/O	Platform	Trd Fee	Trd Fee Cur	Trd Fee Meth	Clr Fee	Clr Fee Cur	Clr Fee Meth	Fee Total	Brk Fee	Brk Fee Cur	Brk Fee Meth
EUREX	Eurex	Equity	PE4U	Peugeot S.A FLEX	Fut	Electronic	0.2	EUR	FRPL				0.2	0.15	EUR	FRPL
EUREX	Eurex	Equity	PE5H	Pernod-Ricard S.A FLEX	Fut	Electronic	0.2	EUR	FRPL				0.2	0.15	EUR	FRPL
EUREX	Eurex	Equity	PE5U	Peugeot S.A FLEX	Fut	Electronic	0.2	EUR	FRPL				0.2	0.15	EUR	FRPL
EUREX	Eurex	Equity	PEOF	Bank Pekao SA	Fut	Electronic	0.13	EUR	FRPL				0.13	0.15	EUR	FRPL
EUREX	Eurex	Equity	PEP4	PepsiCo Inc FLEX	Fut	Electronic	0.3	USD	FRPL				0.3	0.2	USD	FRPL
EUREX	Eurex	Equity	PEPF	PepsiCo Inc	Fut	Electronic	0.2	USD	FRPL				0.2	0.2	USD	FRPL
EUREX	Eurex	Equity	PERH	Pernod-Ricard S.A	Fut	Electronic	0.13	EUR	FRPL				0.13	0.15	EUR	FRPL
EUREX	Eurex	Equity	PEUG	Peugeot S.A	Fut	Electronic	0.13	EUR	FRPL				0.13	0.15	EUR	FRPL
EUREX	Eurex	Equity	PF4F	Premier Foods PLC FLEX	Fut	Electronic	0.15	GBP	FRPL				0.15	0.15	GBP	FRPL
EUREX	Eurex	Equity	PFDF	Premier Foods PLC	Fut	Electronic	0.1	GBP	FRPL				0.1	0.15	GBP	FRPL
EUREX	Eurex	Equity	PFE4	Pfizer Inc FLEX	Fut	Electronic	0.3	USD	FRPL				0.3	0.2	USD	FRPL
EUREX	Eurex	Equity	PFE5	Premier Foods PLC FLEX	Fut	Electronic	0.15	GBP	FRPL				0.15	0.15	GBP	FRPL
EUREX	Eurex	Equity	PFEF	Pfizer Inc	Fut	Electronic	0.2	USD	FRPL				0.2	0.2	USD	FRPL
EUREX	Eurex	Equity	PFG4	Provident Financial PLC FLEX	Fut	Electronic	0.15	GBP	FRPL				0.15	0.15	GBP	FRPL
EUREX	Eurex	Equity	PFG5	Provident Financial PLC FLEX	Fut	Electronic	0.15	GBP	FRPL				0.15	0.15	GBP	FRPL
EUREX	Eurex	Equity	PFGF	Provident Financial PLC	Fut	Electronic	0.1	GBP	FRPL				0.1	0.15	GBP	FRPL
EUREX	Eurex	Equity	PFVF	Pfeiffer Vacuum Technology AG	Fut	Electronic	0.13	EUR	FRPL				0.13	0.15	EUR	FRPL
EUREX	Eurex	Equity	PG4F	Procter & Gamble Co (The) FLEX	Fut	Electronic	0.3	USD	FRPL				0.3	0.2	USD	FRPL
EUREX	Eurex	Equity	PGE4	Polska Grupa Energetyczna SA FLEX	Fut	Electronic	0.2	EUR	FRPL				0.2	0.15	EUR	FRPL
EUREX	Eurex	Equity	PGEF	Polska Grupa Energetyczna SA	Fut	Electronic	0.13	EUR	FRPL				0.13	0.15	EUR	FRPL
EUREX	Eurex	Equity	PGFF	Procter & Gamble Co (The)	Fut	Electronic	0.2	USD	FRPL				0.2	0.2	USD	FRPL
EUREX	Eurex	Equity	PGHF	Partners Group Holding AG	Fut	Electronic	0.2	CHF	FRPL				0.2	0.2	CHF	FRPL
EUREX	Eurex	Equity	PGNF	Polskie Gornictwo Naftowe I	Fut	Electronic	0.13	EUR	FRPL				0.13	0.15	EUR	FRPL
EUREX	Eurex	Equity	PH14	Koninklijke Philips Electronics N.V FLEX	Fut	Electronic	0.2	EUR	FRPL				0.2	0.15	EUR	FRPL
EUREX	Eurex	Equity	PH15	Koninklijke Philips Electronics N.V FLEX	Fut	Electronic	0.2	EUR	FRPL				0.2	0.15	EUR	FRPL
EUREX	Eurex	Equity	PH1F	Koninklijke Philips Electronics N.V	Fut	Electronic	0.13	EUR	FRPL				0.13	0.15	EUR	FRPL
EUREX	Eurex	Equity	PI4H	Pirelli & C S.p.A FLEX	Fut	Electronic	0.2	EUR	FRPL				0.2	0.15	EUR	FRPL
EUREX	Eurex	Equity	PI5H	Pirelli & C S.p.A FLEX	Fut	Electronic	0.2	EUR	FRPL				0.2	0.15	EUR	FRPL
EUREX	Eurex	Equity	PILH	Pirelli & C S.p.A	Fut	Electronic	0.13	EUR	FRPL				0.13	0.15	EUR	FRPL
EUREX	Eurex	Equity	PIQF	Gruppa Kompaniy PIK	Fut	Electronic	0.2	USD	FRPL				0.2	0.2	USD	FRPL
EUREX	Eurex	Equity	PJ4F	X 5 Retail Group N.V. FLEX	Fut	Electronic	0.3	USD	FRPL				0.3	0.2	USD	FRPL
EUREX	Eurex	Equity	PJ5F	X 5 Retail Group N.V. FLEX	Fut	Electronic	0.3	USD	FRPL				0.3	0.2	USD	FRPL
EUREX	Eurex	Equity	PJPF	X 5 Retail Group N.V.	Fut	Electronic	0.2	USD	FRPL				0.2	0.2	USD	FRPL
EUREX	Eurex	Equity	PK4F	PKO Bank Polski SA FLEX	Fut	Electronic	0.2	EUR	FRPL				0.2	0.15	EUR	FRPL
EUREX	Eurex	Equity	PKN4	Polski Koncern Naftowy SA FLEX	Fut	Electronic	0.2	EUR	FRPL				0.2	0.15	EUR	FRPL
EUREX	Eurex	Equity	PKNF	Polski Koncern Naftowy SA	Fut	Electronic	0.13	EUR	FRPL				0.13	0.15	EUR	FRPL
EUREX	Eurex	Equity	PKOF	PKO Bank Polski SA	Fut	Electronic	0.13	EUR	FRPL				0.13	0.15	EUR	FRPL
EUREX	Eurex	Equity	PLL4	Prudential Financial Inc FLEX	Fut	Electronic	0.3	USD	FRPL				0.3	0.2	USD	FRPL
EUREX	Eurex	Equity	PLLF	Prudential Financial Inc	Fut	Electronic	0.2	USD	FRPL				0.2	0.2	USD	FRPL
EUREX	Eurex	Equity	PM4F	Philip Morris International Inc FLEX	Fut	Electronic	0.3	USD	FRPL				0.3	0.2	USD	FRPL
EUREX	Eurex	Equity	PMFF	Philip Morris International Inc	Fut	Electronic	0.2	USD	FRPL				0.2	0.2	USD	FRPL
EUREX	Eurex	Equity	PN4F	Pennon Group PLC FLEX	Fut	Electronic	0.15	GBP	FRPL				0.15	0.15	GBP	FRPL
EUREX	Eurex	Equity	PN5F	Pennon Group PLC FLEX	Fut	Electronic	0.15	GBP	FRPL				0.15	0.15	GBP	FRPL
EUREX	Eurex	Equity	PNC4	The PNC Financial Services Group FLEX	Fut	Electronic	0.3	USD	FRPL				0.3	0.2	USD	FRPL
EUREX	Eurex	Equity	PNCF	The PNC Financial Services Group	Fut	Electronic	0.2	USD	FRPL				0.2	0.2	USD	FRPL
EUREX	Eurex	Equity	PNLF	PostNL NV	Fut	Electronic	0.13	EUR	FRPL				0.13	0.15	EUR	FRPL
EUREX	Eurex	Equity	PNNF	Pennon Group PLC	Fut	Electronic	0.1	GBP	FRPL				0.1	0.15	GBP	FRPL
EUREX	Eurex	Equity	PO4F	Potash Corp of Saskatchewan Inc FLEX	Fut	Electronic	0.3	USD	FRPL				0.3	0.2	USD	FRPL
EUREX	Eurex	Equity	PO4G	Banco Popular Espanol S.A FLEX	Fut	Electronic	0.2	EUR	FRPL				0.2	0.15	EUR	FRPL
EUREX	Eurex	Equity	PO4K	Porsche Automobil Holding SE FLEX	Fut	Electronic	0.2	EUR	FRPL				0.2	0.15	EUR	FRPL
EUREX	Eurex	Equity	PO5K	Porsche Automobil Holding SE FLEX	Fut	Electronic	0.2	EUR	FRPL				0.2	0.15	EUR	FRPL
EUREX	Eurex	Equity	PO5P	Banco Popular Espanol S.A FLEX	Fut	Electronic	0.2	EUR	FRPL				0.2	0.15	EUR	FRPL
EUREX	Eurex	Equity	POCF	Potash Corp of Saskatchewan Inc	Fut	Electronic	0.2	USD	FRPL				0.2	0.2	USD	FRPL
EUREX	Eurex	Equity	POPG	Banco Popular Espanol S.A	Fut	Electronic	0.13	EUR	FRPL				0.13	0.15	EUR	FRPL
EUREX	Eurex	Equity	POPP	Banco Popular Espanol S.A	Fut	Electronic	0.13	EUR	FRPL				0.13	0.15	EUR	FRPL
EUREX	Eurex	Equity	PORK	Porsche Automobil Holding SE	Fut	Electronic	0.13	EUR	FRPL				0.13	0.15	EUR	FRPL
EUREX	Eurex	Equity	PP4F	PPR S.A FLEX	Fut	Electronic	0.2	EUR	FRPL				0.2	0.15	EUR	FRPL
EUREX	Eurex	Equity	PP5F	PPR S.A FLEX	Fut	Electronic	0.2	EUR	FRPL				0.2	0.15	EUR	FRPL
EUREX	Eurex	Equity	PPXF	PPR S.A	Fut	Electronic	0.13	EUR	FRPL				0.13	0.15	EUR	FRPL

Exch Code	Exch Desc	Comm Group	Prod Code	Product Desc	F/O	Platform	Trd Fee	Trd Fee Cur	Trd Fee Meth	Clr Fee	Clr Fee Cur	Clr Fee Meth	Fee Total	Brk Fee	Brk Fee Cur	Brk Fee Meth
EUREX	Eurex	Equity	PQ4F	Gruppa Kompaniy PIK FLEX	Fut	Electronic	0.3	USD	FRPL				0.3	0.2	USD	FRPL
EUREX	Eurex	Equity	PR4F	Prudential PLC FLEX	Fut	Electronic	0.15	GBP	FRPL				0.15	0.15	GBP	FRPL
EUREX	Eurex	Equity	PR5F	Prudential PLC FLEX	Fut	Electronic	0.15	GBP	FRPL				0.15	0.15	GBP	FRPL
EUREX	Eurex	Equity	PRA4	Praktiker AG FLEX	Fut	Electronic	0.2	EUR	FRPL				0.2	0.15	EUR	FRPL
EUREX	Eurex	Equity	PRA5	Praktiker AG FLEX	Fut	Electronic	0.2	EUR	FRPL				0.2	0.15	EUR	FRPL
EUREX	Eurex	Equity	PRAF	Praktiker AG	Fut	Electronic	0.13	EUR	FRPL				0.13	0.15	EUR	FRPL
EUREX	Eurex	Equity	PRE4	Precision Drilling Corporation FLEX	Fut	Electronic	0.3	USD	FRPL				0.3	0.2	USD	FRPL
EUREX	Eurex	Equity	PREF	Precision Drilling Corporation	Fut	Electronic	0.2	USD	FRPL				0.2	0.2	USD	FRPL
EUREX	Eurex	Equity	PRKF	Park National Corporation	Fut	Electronic	0.2	USD	FRPL				0.2	0.2	USD	FRPL
EUREX	Eurex	Equity	PRUF	Prudential PLC	Fut	Electronic	0.1	GBP	FRPL				0.1	0.15	GBP	FRPL
EUREX	Eurex	Equity	PRY4	Prysmian S.p.A FLEX	Fut	Electronic	0.2	EUR	FRPL				0.2	0.15	EUR	FRPL
EUREX	Eurex	Equity	PRY5	Prysmian S.p.A FLEX	Fut	Electronic	0.2	EUR	FRPL				0.2	0.15	EUR	FRPL
EUREX	Eurex	Equity	PRYF	Prysmian S.p.A	Fut	Electronic	0.13	EUR	FRPL				0.13	0.15	EUR	FRPL
EUREX	Eurex	Equity	PS4F	PSI AG FLEX	Fut	Electronic	0.2	EUR	FRPL				0.2	0.15	EUR	FRPL
EUREX	Eurex	Equity	PS4G	PSP Swiss Property AG FLEX	Fut	Electronic	0.3	CHF	FRPL				0.3	0.2	CHF	FRPL
EUREX	Eurex	Equity	PS5F	PSI AG FLEX	Fut	Electronic	0.2	EUR	FRPL				0.2	0.15	EUR	FRPL
EUREX	Eurex	Equity	PS5G	PSP Swiss Property AG FLEX	Fut	Electronic	0.3	CHF	FRPL				0.3	0.2	CHF	FRPL
EUREX	Eurex	Equity	PSA4	Phoenix Solar AG FLEX	Fut	Electronic	0.2	EUR	FRPL				0.2	0.15	EUR	FRPL
EUREX	Eurex	Equity	PSA5	Phoenix Solar AG FLEX	Fut	Electronic	0.2	EUR	FRPL				0.2	0.15	EUR	FRPL
EUREX	Eurex	Equity	PSAF	Phoenix Solar AG	Fut	Electronic	0.13	EUR	FRPL				0.13	0.15	EUR	FRPL
EUREX	Eurex	Equity	PSIF	PSI AG	Fut	Electronic	0.13	EUR	FRPL				0.13	0.15	EUR	FRPL
EUREX	Eurex	Equity	PSM4	ProSiebenSat.1 Media AG FLEX	Fut	Electronic	0.2	EUR	FRPL				0.2	0.15	EUR	FRPL
EUREX	Eurex	Equity	PSM5	ProSiebenSat.1 Media AG FLEX	Fut	Electronic	0.2	EUR	FRPL				0.2	0.15	EUR	FRPL
EUREX	Eurex	Equity	PSMF	ProSiebenSat.1 Media AG	Fut	Electronic	0.13	EUR	FRPL				0.13	0.15	EUR	FRPL
EUREX	Eurex	Equity	PSN4	Persimmon PLC FLEX	Fut	Electronic	0.15	GBP	FRPL				0.15	0.15	GBP	FRPL
EUREX	Eurex	Equity	PSN5	Persimmon PLC FLEX	Fut	Electronic	0.15	GBP	FRPL				0.15	0.15	GBP	FRPL
EUREX	Eurex	Equity	PSNF	Persimmon PLC	Fut	Electronic	0.1	GBP	FRPL				0.1	0.15	GBP	FRPL
EUREX	Eurex	Equity	PSO4	Pearson PLC FLEX	Fut	Electronic	0.15	GBP	FRPL				0.15	0.15	GBP	FRPL
EUREX	Eurex	Equity	PSO5	Pearson PLC FLEX	Fut	Electronic	0.15	GBP	FRPL				0.15	0.15	GBP	FRPL
EUREX	Eurex	Equity	PSOF	Pearson PLC	Fut	Electronic	0.1	GBP	FRPL				0.1	0.15	GBP	FRPL
EUREX	Eurex	Equity	PSPG	PSP Swiss Property AG	Fut	Electronic	0.2	CHF	FRPL				0.2	0.2	CHF	FRPL
EUREX	Eurex	Equity	PST4	Osterreichische Post AG FLEX	Fut	Electronic	0.2	EUR	FRPL				0.2	0.15	EUR	FRPL
EUREX	Eurex	Equity	PST5	Osterreichische Post AG FLEX	Fut	Electronic	0.2	EUR	FRPL				0.2	0.15	EUR	FRPL
EUREX	Eurex	Equity	PSTF	Osterreichische Post AG	Fut	Electronic	0.13	EUR	FRPL				0.13	0.15	EUR	FRPL
EUREX	Eurex	Equity	PT4H	Portugal Telecom SGPS S.A FLEX	Fut	Electronic	0.2	EUR	FRPL				0.2	0.15	EUR	FRPL
EUREX	Eurex	Equity	PTCH	Portugal Telecom SGPS S.A	Fut	Electronic	0.13	EUR	FRPL				0.13	0.15	EUR	FRPL
EUREX	Eurex	Equity	PU44	Publicis Groupe S.A FLEX	Fut	Electronic	0.2	EUR	FRPL				0.2	0.15	EUR	FRPL
EUREX	Eurex	Equity	PU45	Publicis Groupe S.A FLEX	Fut	Electronic	0.2	EUR	FRPL				0.2	0.15	EUR	FRPL
EUREX	Eurex	Equity	PU4F	Publicis Groupe S.A	Fut	Electronic	0.13	EUR	FRPL				0.13	0.15	EUR	FRPL
EUREX	Eurex	Equity	PU84	Public Power Corp of Greece S.A FLEX	Fut	Electronic	0.2	EUR	FRPL				0.2	0.15	EUR	FRPL
EUREX	Eurex	Equity	PU8F	Public Power Corp of Greece S.A	Fut	Electronic	0.13	EUR	FRPL				0.13	0.15	EUR	FRPL
EUREX	Eurex	Equity	PUB4	Punch Taverns PLC FLEX	Fut	Electronic	0.15	GBP	FRPL				0.15	0.15	GBP	FRPL
EUREX	Eurex	Equity	PUB5	Punch Taverns PLC FLEX	Fut	Electronic	0.15	GBP	FRPL				0.15	0.15	GBP	FRPL
EUREX	Eurex	Equity	PUBF	Punch Taverns PLC	Fut	Electronic	0.1	GBP	FRPL				0.1	0.15	GBP	FRPL
EUREX	Eurex	Index	PUKA	IPD UK Annual All Property Index	Fut	Electronic	8	GBP	FRPL				8	0.15	GBP	FRPL
EUREX	Eurex	Equity	PUMF	Puma SE	Fut	Electronic	0.13	EUR	FRPL				0.13	0.15	EUR	FRPL
EUREX	Eurex	Equity	PW4G	Panalpina Welttransport Holding AG FLEX	Fut	Electronic	0.3	CHF	FRPL				0.3	0.2	CHF	FRPL
EUREX	Eurex	Equity	PW5G	Panalpina Welttransport Holding AG FLEX	Fut	Electronic	0.3	CHF	FRPL				0.3	0.2	CHF	FRPL
EUREX	Eurex	Equity	PWEF	Penn West Petroleum Ltd	Fut	Electronic	0.2	USD	FRPL				0.2	0.2	USD	FRPL
EUREX	Eurex	Equity	PWTG	Panalpina Welttransport Holding AG	Fut	Electronic	0.2	CHF	FRPL				0.2	0.2	CHF	FRPL
EUREX	Eurex	Equity	PX4F	Praxair Inc FLEX	Fut	Electronic	0.3	USD	FRPL				0.3	0.2	USD	FRPL
EUREX	Eurex	Equity	PXFF	Praxair Inc	Fut	Electronic	0.2	USD	FRPL				0.2	0.2	USD	FRPL
EUREX	Eurex	Equity	PZ4F	Powszechny Zaklad Ubezpiecze FLEX	Fut	Electronic	0.2	EUR	FRPL				0.2	0.15	EUR	FRPL
EUREX	Eurex	Equity	PZUF	Powszechny Zaklad Ubezpiecze	Fut	Electronic	0.13	EUR	FRPL				0.13	0.15	EUR	FRPL
EUREX	Eurex	Equity	Q4CF	QSC AG FLEX	Fut	Electronic	0.2	EUR	FRPL				0.2	0.15	EUR	FRPL
EUREX	Eurex	Equity	Q5CF	QSC AG FLEX	Fut	Electronic	0.2	EUR	FRPL				0.2	0.15	EUR	FRPL
EUREX	Eurex	Equity	QCO4	Qualcomm Inc FLEX	Fut	Electronic	0.3	USD	FRPL				0.3	0.2	USD	FRPL
EUREX	Eurex	Equity	QCOF	Qualcomm Inc	Fut	Electronic	0.2	USD	FRPL				0.2	0.2	USD	FRPL
EUREX	Eurex	Equity	QI4F	Qiagen N.V FLEX	Fut	Electronic	0.2	EUR	FRPL				0.2	0.15	EUR	FRPL

Exch Code	Exch Desc	Comm Group	Prod Code	Product Desc	F/O	Platform	Trd Fee	Trd Fee Cur	Trd Fee Meth	Clr Fee	Clr Fee Cur	Clr Fee Meth	Fee Total	Brk Fee	Brk Fee Cur	Brk Fee Meth
EUREX	Eurex	Equity	QI5F	Qiagen N.V FLEX	Fut	Electronic	0.2	EUR	FRPL				0.2	0.15	EUR	FRPL
EUREX	Eurex	Equity	QIAF	Qiagen N.V	Fut	Electronic	0.13	EUR	FRPL				0.13	0.15	EUR	FRPL
EUREX	Eurex	Equity	QS4F	Edenred S.A FLEX	Fut	Electronic	0.2	EUR	FRPL				0.2	0.15	EUR	FRPL
EUREX	Eurex	Equity	QS5F	Edenred S.A FLEX	Fut	Electronic	0.2	EUR	FRPL				0.2	0.15	EUR	FRPL
EUREX	Eurex	Equity	QSCF	QSC AG	Fut	Electronic	0.13	EUR	FRPL				0.13	0.15	EUR	FRPL
EUREX	Eurex	Equity	QSVF	Edenred S.A	Fut	Electronic	0.13	EUR	FRPL				0.13	0.15	EUR	FRPL
EUREX	Eurex	Equity	R2DA	Royal Dutch Shell PLC - A Shares Dividend	Fut	Electronic	1.2	EUR	FRPL				1.2	0.15	EUR	FRPL
EUREX	Eurex	Equity	R2EP	Repsol S.A Dividend	Fut	Electronic	1.2	EUR	FRPL				1.2	0.15	EUR	FRPL
EUREX	Eurex	Equity	R2OG	Roche Holding AG Dividend	Fut	Electronic	1.6	CHF	FRPL				1.6	0.2	CHF	FRPL
EUREX	Eurex	Equity	R2TZ	Rio Tinto PLC Dividend	Fut	Electronic	0.3	GBP	FRPL				0.3	0.15	GBP	FRPL
EUREX	Eurex	Equity	R2WE	RWE AG Dividend	Fut	Electronic	1.2	EUR	FRPL				1.2	0.15	EUR	FRPL
EUREX	Eurex	Equity	R3WE	RWE AG Dividend	Fut	Electronic	1.2	EUR	FRPL				1.2	0.15	EUR	FRPL
EUREX	Eurex	Equity	R43G	RWE AG Pref FLEX	Fut	Electronic	0.2	EUR	FRPL				0.2	0.15	EUR	FRPL
EUREX	Eurex	Equity	R44F	Rogers Communication Inc FLEX	Fut	Electronic	0.3	USD	FRPL				0.3	0.2	USD	FRPL
EUREX	Eurex	Equity	R44H	Ryanair Holdings PLC FLEX	Fut	Electronic	0.2	EUR	FRPL				0.2	0.15	EUR	FRPL
EUREX	Eurex	Equity	R44I	Ryanair Holdings PLC FLEX	Fut	Electronic	0.2	EUR	FRPL				0.2	0.15	EUR	FRPL
EUREX	Eurex	Equity	R4FF	Teleperformance S.A FLEX	Fut	Electronic	0.2	EUR	FRPL				0.2	0.15	EUR	FRPL
EUREX	Eurex	Equity	R4GF	Transocean Ltd FLEX	Fut	Electronic	0.3	CHF	FRPL				0.3	0.2	CHF	FRPL
EUREX	Eurex	Equity	R4IF	Rosenbauer International AG FLEX	Fut	Electronic	0.2	EUR	FRPL				0.2	0.15	EUR	FRPL
EUREX	Eurex	Equity	R4MF	Blackberry Ltd FLEX	Fut	Electronic	0.3	USD	FRPL				0.3	0.2	USD	FRPL
EUREX	Eurex	Equity	R4MG	Rheinmetall AG FLEX	Fut	Electronic	0.2	EUR	FRPL				0.2	0.15	EUR	FRPL
EUREX	Eurex	Equity	R4SG	JSC Severstal FLEX	Fut	Electronic	0.3	USD	FRPL				0.3	0.2	USD	FRPL
EUREX	Eurex	Equity	R4XG	Rexam PLC FLEX	Fut	Electronic	0.15	GBP	FRPL				0.15	0.15	GBP	FRPL
EUREX	Eurex	Equity	R4YF	Yamana Gold Inc FLEX	Fut	Electronic	0.3	USD	FRPL				0.3	0.2	USD	FRPL
EUREX	Eurex	Equity	R53G	RWE AG Pref FLEX	Fut	Electronic	0.2	EUR	FRPL				0.2	0.15	EUR	FRPL
EUREX	Eurex	Equity	R5FF	Teleperformance S.A FLEX	Fut	Electronic	0.2	EUR	FRPL				0.2	0.15	EUR	FRPL
EUREX	Eurex	Equity	R5GF	Transocean Ltd FLEX	Fut	Electronic	0.3	CHF	FRPL				0.3	0.2	CHF	FRPL
EUREX	Eurex	Equity	R5IF	Rosenbauer International AG FLEX	Fut	Electronic	0.2	EUR	FRPL				0.2	0.15	EUR	FRPL
EUREX	Eurex	Equity	R5MG	Rheinmetall AG FLEX	Fut	Electronic	0.2	EUR	FRPL				0.2	0.15	EUR	FRPL
EUREX	Eurex	Equity	R5XG	Rexam PLC FLEX	Fut	Electronic	0.15	GBP	FRPL				0.15	0.15	GBP	FRPL
EUREX	Eurex	Equity	R64F	Royal Dutch Shell PLC - A Shares FLEX	Fut	Electronic	0.2	EUR	FRPL				0.2	0.15	EUR	FRPL
EUREX	Eurex	Equity	R65F	Royal Dutch Shell PLC - A Shares FLEX	Fut	Electronic	0.2	EUR	FRPL				0.2	0.15	EUR	FRPL
EUREX	Eurex	Equity	R6CF	Royal Dutch Shell PLC - A Shares	Fut	Electronic	0.13	EUR	FRPL				0.13	0.15	EUR	FRPL
EUREX	Eurex	Equity	RA4F	Rational AG FLEX	Fut	Electronic	0.2	EUR	FRPL				0.2	0.15	EUR	FRPL
EUREX	Eurex	Equity	RA4G	Raiffeisen Bank International FLEX	Fut	Electronic	0.2	EUR	FRPL				0.2	0.15	EUR	FRPL
EUREX	Eurex	Equity	RA5F	Rational AG FLEX	Fut	Electronic	0.2	EUR	FRPL				0.2	0.15	EUR	FRPL
EUREX	Eurex	Equity	RA5G	Raiffeisen Bank International FLEX	Fut	Electronic	0.2	EUR	FRPL				0.2	0.15	EUR	FRPL
EUREX	Eurex	Equity	RAAF	Rational AG	Fut	Electronic	0.13	EUR	FRPL				0.13	0.15	EUR	FRPL
EUREX	Eurex	Equity	RAWG	Raiffeisen Bank International	Fut	Electronic	0.13	EUR	FRPL				0.13	0.15	EUR	FRPL
EUREX	Eurex	Equity	RB4G	Royal Bank of Scotland Group FLEX	Fut	Electronic	0.15	GBP	FRPL				0.15	0.15	GBP	FRPL
EUREX	Eurex	Equity	RB5G	Royal Bank of Scotland Group FLEX	Fut	Electronic	0.15	GBP	FRPL				0.15	0.15	GBP	FRPL
EUREX	Eurex	Equity	RBF4	Reckitt Benckiser Group PLC FLEX	Fut	Electronic	0.15	GBP	FRPL				0.15	0.15	GBP	FRPL
EUREX	Eurex	Equity	RBF5	Reckitt Benckiser Group PLC FLEX	Fut	Electronic	0.15	GBP	FRPL				0.15	0.15	GBP	FRPL
EUREX	Eurex	Equity	RBFF	Reckitt Benckiser Group PLC	Fut	Electronic	0.1	GBP	FRPL				0.1	0.15	GBP	FRPL
EUREX	Eurex	Equity	RBSG	Royal Bank of Scotland Group	Fut	Electronic	0.1	GBP	FRPL				0.1	0.15	GBP	FRPL
EUREX	Eurex	Equity	RC4G	Remy Cointreau S.A FLEX	Fut	Electronic	0.2	EUR	FRPL				0.2	0.15	EUR	FRPL
EUREX	Eurex	Equity	RC5G	Remy Cointreau S.A FLEX	Fut	Electronic	0.2	EUR	FRPL				0.2	0.15	EUR	FRPL
EUREX	Eurex	Equity	RCFF	Teleperformance S.A	Fut	Electronic	0.13	EUR	FRPL				0.13	0.15	EUR	FRPL
EUREX	Eurex	Equity	RCIF	Rogers Communication Inc	Fut	Electronic	0.2	USD	FRPL				0.2	0.2	USD	FRPL
EUREX	Eurex	Equity	RCL4	Royal Caribbean Cruises Ltd FLEX	Fut	Electronic	0.3	USD	FRPL				0.3	0.2	USD	FRPL
EUREX	Eurex	Equity	RCLF	Royal Caribbean Cruises Ltd	Fut	Electronic	0.2	USD	FRPL				0.2	0.2	USD	FRPL
EUREX	Eurex	Equity	RCOG	Remy Cointreau S.A	Fut	Electronic	0.13	EUR	FRPL				0.13	0.15	EUR	FRPL
EUREX	Eurex	Equity	RD4F	Royal Dutch Shell PLC - B Shares FLEX	Fut	Electronic	0.15	GBP	FRPL				0.15	0.15	GBP	FRPL
EUREX	Eurex	Equity	RD5F	Royal Dutch Shell PLC - B Shares FLEX	Fut	Electronic	0.15	GBP	FRPL				0.15	0.15	GBP	FRPL
EUREX	Eurex	Equity	RDBF	Royal Dutch Shell PLC - B Shares	Fut	Electronic	0.1	GBP	FRPL				0.1	0.15	GBP	FRPL
EUREX	Eurex	Equity	RE2G	Red Electrica Corporacion S.A	Fut	Electronic	0.13	EUR	FRPL				0.13	0.15	EUR	FRPL
EUREX	Eurex	Equity	RE4G	Red Electrica Corporacion S.A FLEX	Fut	Electronic	0.2	EUR	FRPL				0.2	0.15	EUR	FRPL
EUREX	Eurex	Equity	RE5P	Repsol S.A FLEX	Fut	Electronic	0.2	EUR	FRPL				0.2	0.15	EUR	FRPL
EUREX	Eurex	Equity	RE94	Recordati SPA FLEX	Fut	Electronic	0.2	EUR	FRPL				0.2	0.15	EUR	FRPL

Exch Code	Exch Desc	Comm Group	Prod Code	Product Desc	F/O	Platform	Trd Fee	Trd Fee Cur	Trd Fee Meth	Clr Fee	Clr Fee Cur	Clr Fee Meth	Fee Total	Brk Fee	Brk Fee Cur	Brk Fee Meth
EUREX	Eurex	Equity	RE95	Recordati SPA FLEX	Fut	Electronic	0.2	EUR	FRPL				0.2	0.15	EUR	FRPL
EUREX	Eurex	Equity	RE9F	Recordati SPA	Fut	Electronic	0.13	EUR	FRPL				0.13	0.15	EUR	FRPL
EUREX	Eurex	Equity	REL4	Reed Elsevier PLC FLEX	Fut	Electronic	0.15	GBP	FRPL				0.15	0.15	GBP	FRPL
EUREX	Eurex	Equity	REL5	Reed Elsevier PLC FLEX	Fut	Electronic	0.15	GBP	FRPL				0.15	0.15	GBP	FRPL
EUREX	Eurex	Equity	RELF	Reed Elsevier PLC	Fut	Electronic	0.1	GBP	FRPL				0.1	0.15	GBP	FRPL
EUREX	Eurex	Equity	REP4	Repsol S.A FLEX	Fut	Electronic	0.2	EUR	FRPL				0.2	0.15	EUR	FRPL
EUREX	Eurex	Equity	REPF	Repsol S.A	Fut	Electronic	0.13	EUR	FRPL				0.13	0.15	EUR	FRPL
EUREX	Eurex	Equity	REPP	Repsol S.A	Fut	Electronic	0.13	EUR	FRPL				0.13	0.15	EUR	FRPL
EUREX	Eurex	Equity	REX4	Rexam PLC FLEX	Fut	Electronic	0.15	GBP	FRPL				0.15	0.15	GBP	FRPL
EUREX	Eurex	Equity	REX5	Rexam PLC FLEX	Fut	Electronic	0.15	GBP	FRPL				0.15	0.15	GBP	FRPL
EUREX	Eurex	Equity	REXF	Rexam PLC	Fut	Electronic	0.1	GBP	FRPL				0.1	0.15	GBP	FRPL
EUREX	Eurex	Equity	REXG	Rexam PLC	Fut	Electronic	0.1	GBP	FRPL				0.1	0.15	GBP	FRPL
EUREX	Eurex	Equity	RF4H	Eurazeo FLEX	Fut	Electronic	0.2	EUR	FRPL				0.2	0.15	EUR	FRPL
EUREX	Eurex	Equity	RF5H	Eurazeo FLEX	Fut	Electronic	0.2	EUR	FRPL				0.2	0.15	EUR	FRPL
EUREX	Eurex	Equity	RFXH	Eurazeo	Fut	Electronic	0.13	EUR	FRPL				0.13	0.15	EUR	FRPL
EUREX	Eurex	Equity	RG24	RusGidro OAO FLEX	Fut	Electronic	0.3	USD	FRPL				0.3	0.2	USD	FRPL
EUREX	Eurex	Equity	RG25	RusGidro OAO FLEX	Fut	Electronic	0.3	USD	FRPL				0.3	0.2	USD	FRPL
EUREX	Eurex	Equity	RG2F	RusGidro OAO	Fut	Electronic	0.2	USD	FRPL				0.2	0.2	USD	FRPL
EUREX	Eurex	Equity	RG4F	Randgold Resources Ltd FLEX	Fut	Electronic	0.15	GBP	FRPL				0.15	0.15	GBP	FRPL
EUREX	Eurex	Equity	RG5F	Randgold Resources Ltd FLEX	Fut	Electronic	0.15	GBP	FRPL				0.15	0.15	GBP	FRPL
EUREX	Eurex	Equity	RGRF	Randgold Resources Ltd	Fut	Electronic	0.1	GBP	FRPL				0.1	0.15	GBP	FRPL
EUREX	Eurex	Equity	RHI4	RHI AG FLEX	Fut	Electronic	0.2	EUR	FRPL				0.2	0.15	EUR	FRPL
EUREX	Eurex	Equity	RHI5	RHI AG FLEX	Fut	Electronic	0.2	EUR	FRPL				0.2	0.15	EUR	FRPL
EUREX	Eurex	Equity	RHIF	RHI AG	Fut	Electronic	0.13	EUR	FRPL				0.13	0.15	EUR	FRPL
EUREX	Eurex	Equity	RHKG	Rhoen-Klinikum AG	Fut	Electronic	0.13	EUR	FRPL				0.13	0.15	EUR	FRPL
EUREX	Eurex	Equity	RHMG	Rheinmetall AG	Fut	Electronic	0.13	EUR	FRPL				0.13	0.15	EUR	FRPL
EUREX	Eurex	Equity	RI4G	Rio Tinto PLC FLEX	Fut	Electronic	0.15	GBP	FRPL				0.15	0.15	GBP	FRPL
EUREX	Eurex	Equity	RI5G	Rio Tinto PLC FLEX	Fut	Electronic	0.15	GBP	FRPL				0.15	0.15	GBP	FRPL
EUREX	Eurex	Equity	RIGF	Transocean Ltd	Fut	Electronic	0.2	CHF	FRPL				0.2	0.2	CHF	FRPL
EUREX	Eurex	Equity	RIMF	Blackberry Ltd	Fut	Electronic	0.2	USD	FRPL				0.2	0.2	USD	FRPL
EUREX	Eurex	Equity	RIOG	Rio Tinto PLC	Fut	Electronic	0.1	GBP	FRPL				0.1	0.15	GBP	FRPL
EUREX	Eurex	Equity	RK4H	Rautaruukki Ojy FLEX	Fut	Electronic	0.2	EUR	FRPL				0.2	0.15	EUR	FRPL
EUREX	Eurex	Equity	RK5H	Rautaruukki Ojy FLEX	Fut	Electronic	0.2	EUR	FRPL				0.2	0.15	EUR	FRPL
EUREX	Eurex	Equity	RKKH	Rautaruukki Ojy	Fut	Electronic	0.13	EUR	FRPL				0.13	0.15	EUR	FRPL
EUREX	Eurex	Equity	RL4F	RPC Inc FLEX	Fut	Electronic	0.3	USD	FRPL				0.3	0.2	USD	FRPL
EUREX	Eurex	Equity	RLDF	RPC Inc	Fut	Electronic	0.2	USD	FRPL				0.2	0.2	USD	FRPL
EUREX	Eurex	Equity	RN4F	Renault S.A FLEX	Fut	Electronic	0.2	EUR	FRPL				0.2	0.15	EUR	FRPL
EUREX	Eurex	Equity	RN5F	Renault S.A FLEX	Fut	Electronic	0.2	EUR	FRPL				0.2	0.15	EUR	FRPL
EUREX	Eurex	Equity	RNLF	Renault S.A	Fut	Electronic	0.13	EUR	FRPL				0.13	0.15	EUR	FRPL
EUREX	Eurex	Equity	RNYF	Yamana Gold Inc	Fut	Electronic	0.2	USD	FRPL				0.2	0.2	USD	FRPL
EUREX	Eurex	Equity	RO4F	Roche Holding AG FLEX	Fut	Electronic	0.3	CHF	FRPL				0.3	0.2	CHF	FRPL
EUREX	Eurex	Equity	RO5F	Roche Holding AG FLEX	Fut	Electronic	0.3	CHF	FRPL				0.3	0.2	CHF	FRPL
EUREX	Eurex	Equity	ROGF	Roche Holding AG	Fut	Electronic	0.2	CHF	FRPL				0.2	0.2	CHF	FRPL
EUREX	Eurex	Equity	ROIF	Rosenbauer International AG	Fut	Electronic	0.13	EUR	FRPL				0.13	0.15	EUR	FRPL
EUREX	Eurex	Equity	RP4F	UPM-Kymmene Corp FLEX	Fut	Electronic	0.2	EUR	FRPL				0.2	0.15	EUR	FRPL
EUREX	Eurex	Equity	RP5F	UPM-Kymmene Corp FLEX	Fut	Electronic	0.2	EUR	FRPL				0.2	0.15	EUR	FRPL
EUREX	Eurex	Equity	RPLF	UPM-Kymmene Corp	Fut	Electronic	0.13	EUR	FRPL				0.13	0.15	EUR	FRPL
EUREX	Eurex	Equity	RR4F	Rolls Royce Group PLC FLEX	Fut	Electronic	0.15	GBP	FRPL				0.15	0.15	GBP	FRPL
EUREX	Eurex	Equity	RR5F	Rolls Royce Group PLC FLEX	Fut	Electronic	0.15	GBP	FRPL				0.15	0.15	GBP	FRPL
EUREX	Eurex	Equity	RRFF	Rolls Royce Group PLC	Fut	Electronic	0.1	GBP	FRPL				0.1	0.15	GBP	FRPL
EUREX	Eurex	Equity	RS4G	Randstad Holding N.V FLEX	Fut	Electronic	0.2	EUR	FRPL				0.2	0.15	EUR	FRPL
EUREX	Eurex	Equity	RS5G	Randstad Holding N.V FLEX	Fut	Electronic	0.2	EUR	FRPL				0.2	0.15	EUR	FRPL
EUREX	Eurex	Equity	RSA4	RSA Insurance Group PLC FLEX	Fut	Electronic	0.15	GBP	FRPL				0.15	0.15	GBP	FRPL
EUREX	Eurex	Equity	RSA5	RSA Insurance Group PLC FLEX	Fut	Electronic	0.15	GBP	FRPL				0.15	0.15	GBP	FRPL
EUREX	Eurex	Equity	RSAF	RSA Insurance Group PLC	Fut	Electronic	0.1	GBP	FRPL				0.1	0.15	GBP	FRPL
EUREX	Eurex	Equity	RSHG	Randstad Holding N.V	Fut	Electronic	0.13	EUR	FRPL				0.13	0.15	EUR	FRPL
EUREX	Eurex	Equity	RT4F	OAO Rostelecom FLEX	Fut	Electronic	0.3	USD	FRPL				0.3	0.2	USD	FRPL
EUREX	Eurex	Equity	RT5F	OAO Rostelecom FLEX	Fut	Electronic	0.3	USD	FRPL				0.3	0.2	USD	FRPL
EUREX	Eurex	Equity	RTLF	OAO Rostelecom	Fut	Electronic	0.2	USD	FRPL				0.2	0.2	USD	FRPL

Exch Code	Exch Desc	Comm Group	Prod Code	Product Desc	F/O	Platform	Trd Fee	Trd Fee Cur	Trd Fee Meth	Clr Fee	Clr Fee Cur	Clr Fee Meth	Fee Total	Brk Fee	Brk Fee Cur	Brk Fee Meth
EUREX	Eurex	Equity	RTN4	Raytheon Co FLEX	Fut	Electronic	0.3	USD	FRPL				0.3	0.2	USD	FRPL
EUREX	Eurex	Equity	RTNF	Raytheon Co	Fut	Electronic	0.2	USD	FRPL				0.2	0.2	USD	FRPL
EUREX	Eurex	Equity	RTO4	Rentokil Initial PLC FLEX	Fut	Electronic	0.15	GBP	FRPL				0.15	0.15	GBP	FRPL
EUREX	Eurex	Equity	RTO5	Rentokil Initial PLC FLEX	Fut	Electronic	0.15	GBP	FRPL				0.15	0.15	GBP	FRPL
EUREX	Eurex	Equity	RTOF	Rentokil Initial PLC	Fut	Electronic	0.1	GBP	FRPL				0.1	0.15	GBP	FRPL
EUREX	Eurex	Equity	RTSG	JSC Severstal	Fut	Electronic	0.2	USD	FRPL				0.2	0.2	USD	FRPL
EUREX	Eurex	Equity	RW3G	RWE AG Pref	Fut	Electronic	0.13	EUR	FRPL				0.13	0.15	EUR	FRPL
EUREX	Eurex	Equity	RW4G	RWE AG FLEX	Fut	Electronic	0.2	EUR	FRPL				0.2	0.15	EUR	FRPL
EUREX	Eurex	Equity	RW5G	RWE AG FLEX	Fut	Electronic	0.2	EUR	FRPL				0.2	0.15	EUR	FRPL
EUREX	Eurex	Equity	RWEG	RWE AG	Fut	Electronic	0.13	EUR	FRPL				0.13	0.15	EUR	FRPL
EUREX	Eurex	Equity	RWW4	Mediaset Espana Communicacion S.A FLEX	Fut	Electronic	0.2	EUR	FRPL				0.2	0.15	EUR	FRPL
EUREX	Eurex	Equity	RWWF	Mediaset Espana Communicacion S.A	Fut	Electronic	0.13	EUR	FRPL				0.13	0.15	EUR	FRPL
EUREX	Eurex	Equity	RY4F	Royal Bank of Canada FLEX	Fut	Electronic	0.3	USD	FRPL				0.3	0.2	USD	FRPL
EUREX	Eurex	Equity	RY4H	Ryanair Holdings PLC	Fut	Electronic	0.13	EUR	FRPL				0.13	0.15	EUR	FRPL
EUREX	Eurex	Equity	RY4I	Ryanair Holdings PLC	Fut	Electronic	0.13	EUR	FRPL				0.13	0.15	EUR	FRPL
EUREX	Eurex	Equity	RYFF	Royal Bank of Canada	Fut	Electronic	0.2	USD	FRPL				0.2	0.2	USD	FRPL
EUREX	Eurex	Equity	S14F	Starwood Hotels & Resorts Worldwide Inc FLEX	Fut	Electronic	0.3	USD	FRPL				0.3	0.2	USD	FRPL
EUREX	Eurex	Equity	S1VF	Starwood Hotels & Resorts Worldwide Inc	Fut	Electronic	0.2	USD	FRPL				0.2	0.2	USD	FRPL
EUREX	Eurex	Equity	S2AP	SAP AG Dividend	Fut	Electronic	1.2	EUR	FRPL				1.2	0.15	EUR	FRPL
EUREX	Eurex	Equity	S2CM	Swisscom AG Dividend	Fut	Electronic	1.6	CHF	FRPL				1.6	0.2	CHF	FRPL
EUREX	Eurex	Equity	S2GE	Societe Generale S.A Dividend	Fut	Electronic	1.2	EUR	FRPL				1.2	0.15	EUR	FRPL
EUREX	Eurex	Equity	S2IE	Siemens AG Dividend	Fut	Electronic	1.2	EUR	FRPL				1.2	0.15	EUR	FRPL
EUREX	Eurex	Equity	S2ND	Schneider Electric S.A Dividend	Fut	Electronic	1.2	EUR	FRPL				1.2	0.15	EUR	FRPL
EUREX	Eurex	Equity	S2NW	Sanofi Dividend	Fut	Electronic	1.2	EUR	FRPL				1.2	0.15	EUR	FRPL
EUREX	Eurex	Equity	S2QU	VINCI S.A Dividend	Fut	Electronic	1.2	EUR	FRPL				1.2	0.15	EUR	FRPL
EUREX	Eurex	Equity	S2RE	Swiss Re AG Dividend	Fut	Electronic	1.6	CHF	FRPL				1.6	0.2	CHF	FRPL
EUREX	Eurex	Equity	S2SD	Banco Santander S.A Dividend	Fut	Electronic	1.2	EUR	FRPL				1.2	0.15	EUR	FRPL
EUREX	Eurex	Equity	S34F	Stantec Inc FLEX	Fut	Electronic	0.3	USD	FRPL				0.3	0.2	USD	FRPL
EUREX	Eurex	Equity	S3AF	Stantec Inc	Fut	Electronic	0.2	USD	FRPL				0.2	0.2	USD	FRPL
EUREX	Eurex	Equity	S3AP	SAP AG Dividend	Fut	Electronic	1.2	EUR	FRPL				1.2	0.15	EUR	FRPL
EUREX	Eurex	Equity	S3ND	Schneider Electric S.A Dividend	Fut	Electronic	1.2	EUR	FRPL				1.2	0.15	EUR	FRPL
EUREX	Eurex	Equity	S44F	Siderurgica Nacional SA FLEX	Fut	Electronic	0.3	USD	FRPL				0.3	0.2	USD	FRPL
EUREX	Eurex	Equity	S4BF	Sberbank Rossii OAO FLEX	Fut	Electronic	0.3	USD	FRPL				0.3	0.2	USD	FRPL
EUREX	Eurex	Equity	S4DF	Siderurgica Nacional SA	Fut	Electronic	0.2	USD	FRPL				0.2	0.2	USD	FRPL
EUREX	Eurex	Equity	S4GF	Singulus Technologies AG FLEX	Fut	Electronic	0.2	EUR	FRPL				0.2	0.15	EUR	FRPL
EUREX	Eurex	Equity	S4HF	Suess MicroTec AG FLEX	Fut	Electronic	0.2	EUR	FRPL				0.2	0.15	EUR	FRPL
EUREX	Eurex	Equity	S4KG	Sika AG FLEX	Fut	Electronic	0.3	CHF	FRPL				0.3	0.2	CHF	FRPL
EUREX	Eurex	Equity	S4MF	SMA Solar Technology AG FLEX	Fut	Electronic	0.2	EUR	FRPL				0.2	0.15	EUR	FRPL
EUREX	Eurex	Equity	S4NG	Sonova Holding AG FLEX	Fut	Electronic	0.3	CHF	FRPL				0.3	0.2	CHF	FRPL
EUREX	Eurex	Equity	S4RG	Axel Springer AG FLEX	Fut	Electronic	0.2	EUR	FRPL				0.2	0.15	EUR	FRPL
EUREX	Eurex	Equity	S4UF	Supervalue Inc FLEX	Fut	Electronic	0.3	USD	FRPL				0.3	0.2	USD	FRPL
EUREX	Eurex	Equity	S4UG	Sudzucker AG FLEX	Fut	Electronic	0.2	EUR	FRPL				0.2	0.15	EUR	FRPL
EUREX	Eurex	Equity	S4VF	Suez Environnement FLEX	Fut	Electronic	0.2	EUR	FRPL				0.2	0.15	EUR	FRPL
EUREX	Eurex	Equity	S4WG	Software AG FLEX	Fut	Electronic	0.2	EUR	FRPL				0.2	0.15	EUR	FRPL
EUREX	Eurex	Equity	S4XF	Sixt AG FLEX	Fut	Electronic	0.2	EUR	FRPL				0.2	0.15	EUR	FRPL
EUREX	Eurex	Equity	S4ZG	STADA Arzneimittel AG FLEX	Fut	Electronic	0.2	EUR	FRPL				0.2	0.15	EUR	FRPL
EUREX	Eurex	Equity	S54F	Saneamento Basico do Estado SA FLEX	Fut	Electronic	0.3	USD	FRPL				0.3	0.2	USD	FRPL
EUREX	Eurex	Equity	S5BF	Sberbank Rossii OAO FLEX	Fut	Electronic	0.3	USD	FRPL				0.3	0.2	USD	FRPL
EUREX	Eurex	Equity	S5GF	Singulus Technologies AG FLEX	Fut	Electronic	0.2	EUR	FRPL				0.2	0.15	EUR	FRPL
EUREX	Eurex	Equity	S5HF	Suess MicroTec AG FLEX	Fut	Electronic	0.2	EUR	FRPL				0.2	0.15	EUR	FRPL
EUREX	Eurex	Equity	S5KG	Sika AG FLEX	Fut	Electronic	0.3	CHF	FRPL				0.3	0.2	CHF	FRPL
EUREX	Eurex	Equity	S5MF	SMA Solar Technology AG FLEX	Fut	Electronic	0.2	EUR	FRPL				0.2	0.15	EUR	FRPL
EUREX	Eurex	Equity	S5NG	Sonova Holding AG FLEX	Fut	Electronic	0.3	CHF	FRPL				0.3	0.2	CHF	FRPL
EUREX	Eurex	Equity	S5RG	Axel Springer AG FLEX	Fut	Electronic	0.2	EUR	FRPL				0.2	0.15	EUR	FRPL
EUREX	Eurex	Equity	S5SF	Saneamento Basico do Estado SA	Fut	Electronic	0.2	USD	FRPL				0.2	0.2	USD	FRPL
EUREX	Eurex	Equity	S5UG	Sudzucker AG FLEX	Fut	Electronic	0.2	EUR	FRPL				0.2	0.15	EUR	FRPL
EUREX	Eurex	Equity	S5VF	Suez Environnement FLEX	Fut	Electronic	0.2	EUR	FRPL				0.2	0.15	EUR	FRPL
EUREX	Eurex	Equity	S5WG	Software AG FLEX	Fut	Electronic	0.2	EUR	FRPL				0.2	0.15	EUR	FRPL
EUREX	Eurex	Equity	S5XF	Sixt AG FLEX	Fut	Electronic	0.2	EUR	FRPL				0.2	0.15	EUR	FRPL

Exch Code	Exch Desc	Comm Group	Prod Code	Product Desc	F/O	Platform	Trd Fee	Trd Fee Cur	Trd Fee Meth	Clr Fee	Clr Fee Cur	Clr Fee Meth	Fee Total	Brk Fee	Brk Fee Cur	Brk Fee Meth
EUREX	Eurex	Equity	S5ZG	STADA Arzneimittel AG FLEX	Fut	Electronic	0.2	EUR	FRPL				0.2	0.15	EUR	FRPL
EUREX	Eurex	Equity	S94F	Silvercorp Metals Inc FLEX	Fut	Electronic	0.3	USD	FRPL				0.3	0.2	USD	FRPL
EUREX	Eurex	Equity	S9YF	Silvercorp Metals Inc	Fut	Electronic	0.2	USD	FRPL				0.2	0.2	USD	FRPL
EUREX	Eurex	Equity	SA44	Banco Santander S.A FLEX	Fut	Electronic	0.2	EUR	FRPL				0.2	0.15	EUR	FRPL
EUREX	Eurex	Equity	SA4I	SAP AG FLEX	Fut	Electronic	0.2	EUR	FRPL				0.2	0.15	EUR	FRPL
EUREX	Eurex	Equity	SA5I	SAP AG FLEX	Fut	Electronic	0.2	EUR	FRPL				0.2	0.15	EUR	FRPL
EUREX	Eurex	Equity	SA5P	Banco Santander S.A FLEX	Fut	Electronic	0.2	EUR	FRPL				0.2	0.15	EUR	FRPL
EUREX	Eurex	Equity	SAB4	SABMiller PLC FLEX	Fut	Electronic	0.15	GBP	FRPL				0.15	0.15	GBP	FRPL
EUREX	Eurex	Equity	SAB5	SABMiller PLC FLEX	Fut	Electronic	0.15	GBP	FRPL				0.15	0.15	GBP	FRPL
EUREX	Eurex	Equity	SABF	SABMiller PLC	Fut	Electronic	0.1	GBP	FRPL				0.1	0.15	GBP	FRPL
EUREX	Eurex	Equity	SANG	Banco Santander S.A	Fut	Electronic	0.13	EUR	FRPL				0.13	0.15	EUR	FRPL
EUREX	Eurex	Equity	SANP	Banco Santander S.A	Fut	Electronic	0.13	EUR	FRPL				0.13	0.15	EUR	FRPL
EUREX	Eurex	Equity	SAPI	SAP AG	Fut	Electronic	0.13	EUR	FRPL				0.13	0.15	EUR	FRPL
EUREX	Eurex	Equity	SAZG	STADA Arzneimittel AG	Fut	Electronic	0.13	EUR	FRPL				0.13	0.15	EUR	FRPL
EUREX	Eurex	Equity	SB4F	Sainsbury (J) PLC FLEX	Fut	Electronic	0.15	GBP	FRPL				0.15	0.15	GBP	FRPL
EUREX	Eurex	Equity	SB4G	Schoeller-Bleckmann Oilfield Equipment AG FLEX	Fut	Electronic	0.2	EUR	FRPL				0.2	0.15	EUR	FRPL
EUREX	Eurex	Equity	SB5F	Sainsbury (J) PLC FLEX	Fut	Electronic	0.15	GBP	FRPL				0.15	0.15	GBP	FRPL
EUREX	Eurex	Equity	SB5G	Schoeller-Bleckmann Oilfield Equipment AG FLEX	Fut	Electronic	0.2	EUR	FRPL				0.2	0.15	EUR	FRPL
EUREX	Eurex	Equity	SBNF	Sberbank Rossii OAO	Fut	Electronic	0.2	USD	FRPL				0.2	0.2	USD	FRPL
EUREX	Eurex	Equity	SBOG	Schoeller-Bleckmann Oilfield Equipment AG	Fut	Electronic	0.13	EUR	FRPL				0.13	0.15	EUR	FRPL
EUREX	Eurex	Equity	SBRF	Sainsbury (J) PLC	Fut	Electronic	0.1	GBP	FRPL				0.1	0.15	GBP	FRPL
EUREX	Eurex	Equity	SBSF	STRATEC Biomedical AG	Fut	Electronic	0.13	EUR	FRPL				0.13	0.15	EUR	FRPL
EUREX	Eurex	Equity	SBU4	Starbucks Corp FLEX	Fut	Electronic	0.3	USD	FRPL				0.3	0.2	USD	FRPL
EUREX	Eurex	Equity	SBUF	Starbucks Corp	Fut	Electronic	0.2	USD	FRPL				0.2	0.2	USD	FRPL
EUREX	Eurex	Index	SC06	STOXX Europe 600 Optimised Automobiles Source ETF EFLEX	Opt	Electronic	0.4	EUR	FRPL				0.4	0.15	EUR	FRPL
EUREX	Eurex	Index	SC07	STOXX Europe 600 Optimised Automobiles Source ETF EFLEX	Opt	Electronic	0.4	EUR	FRPL				0.4	0.15	EUR	FRPL
EUREX	Eurex	Index	SC08	STOXX Europe 600 Optimised Automobiles Source ETF AFLEX	Opt	Electronic	0.4	EUR	FRPL				0.4	0.15	EUR	FRPL
EUREX	Eurex	Index	SC09	STOXX Europe 600 Optimised Automobiles Source ETF AFLEX	Opt	Electronic	0.4	EUR	FRPL				0.4	0.15	EUR	FRPL
EUREX	Eurex	Index	SC0A	STOXX Europe 600 Optimised Automobiles Source ETF	Opt	Electronic	0.3	EUR	FRPL				0.3	0.15	EUR	FRPL
EUREX	Eurex	Index	SC0G	STOXX Europe Mid 200 Source ETF	Opt	Electronic	0.3	EUR	FRPL				0.3	0.15	EUR	FRPL
EUREX	Eurex	Index	SC0I	STOXX Europe 600 Optimised Insurance Source ETF	Opt	Electronic	0.3	EUR	FRPL				0.3	0.15	EUR	FRPL
EUREX	Eurex	Index	SC0N	STOXX Europe 600 Optimised Construction Source ETF	Opt	Electronic	0.3	EUR	FRPL				0.3	0.15	EUR	FRPL
EUREX	Eurex	Index	SC0Q	STOXX Europe 600 Optimised Telecommunications Source ETF	Opt	Electronic	0.3	EUR	FRPL				0.3	0.15	EUR	FRPL
EUREX	Eurex	Index	SC0S	STOXX Europe 600 Optimised Industrial Goods & Services Source ETF	Opt	Electronic	0.3	EUR	FRPL				0.3	0.15	EUR	FRPL
EUREX	Eurex	Index	SC0U	STOXX Europe 600 Optimised Banks Source ETF	Opt	Electronic	0.3	EUR	FRPL				0.3	0.15	EUR	FRPL
EUREX	Eurex	Index	SC0V	STOXX Europe 600 Optimised Oil & Gas Source ETF	Opt	Electronic	0.3	EUR	FRPL				0.3	0.15	EUR	FRPL
EUREX	Eurex	Index	SC0W	STOXX Europe 600 Optimised Basic Resources Source ETF	Opt	Electronic	0.3	EUR	FRPL				0.3	0.15	EUR	FRPL
EUREX	Eurex	Index	SC0Z	STOXX Europe 600 Optimised Utilities Source ETF	Opt	Electronic	0.3	EUR	FRPL				0.3	0.15	EUR	FRPL
EUREX	Eurex	Equity	SC4I	SCOR SE FLEX	Fut	Electronic	0.2	EUR	FRPL				0.2	0.15	EUR	FRPL
EUREX	Eurex	Equity	SC5I	SCOR SE FLEX	Fut	Electronic	0.2	EUR	FRPL				0.2	0.15	EUR	FRPL
EUREX	Eurex	Index	SC6G	STOXX Europe Mid 200 Source ETF EFLEX	Opt	Electronic	0.4	EUR	FRPL				0.4	0.15	EUR	FRPL
EUREX	Eurex	Index	SC6I	STOXX Europe 600 Optimised Insurance Source ETF EFLEX	Opt	Electronic	0.4	EUR	FRPL				0.4	0.15	EUR	FRPL
EUREX	Eurex	Index	SC6N	STOXX Europe 600 Optimised Construction Source ETF EFLEX	Opt	Electronic	0.4	EUR	FRPL				0.4	0.15	EUR	FRPL
EUREX	Eurex	Index	SC6Q	STOXX Europe 600 Optimised Telecommunications Source ETF EFLEX	Opt	Electronic	0.4	EUR	FRPL				0.4	0.15	EUR	FRPL
EUREX	Eurex	Index	SC6S	STOXX Europe 600 Optimised Industrial Goods & Services Source ETF EFLEX	Opt	Electronic	0.4	EUR	FRPL				0.4	0.15	EUR	FRPL
EUREX	Eurex	Index	SC6U	STOXX Europe 600 Optimised Banks Source ETF EFLEX	Opt	Electronic	0.4	EUR	FRPL				0.4	0.15	EUR	FRPL
EUREX	Eurex	Index	SC6V	STOXX Europe 600 Optimised Oil & Gas Source ETF EFLEX	Opt	Electronic	0.4	EUR	FRPL				0.4	0.15	EUR	FRPL
EUREX	Eurex	Index	SC6W	STOXX Europe 600 Optimised Basic Resources Source ETF EFLEX	Opt	Electronic	0.4	EUR	FRPL				0.4	0.15	EUR	FRPL
EUREX	Eurex	Index	SC6Z	STOXX Europe 600 Optimised Utilities Source ETF EFLEX	Opt	Electronic	0.4	EUR	FRPL				0.4	0.15	EUR	FRPL

Exch Code	Exch Desc	Comm Group	Prod Code	Product Desc	F/O	Platform	Trd Fee	Trd Fee Cur	Trd Fee Meth	Clr Fee	Clr Fee Cur	Clr Fee Meth	Fee Total	Brk Fee	Brk Fee Cur	Brk Fee Meth
EUREX	Eurex	Index	SC7G	STOXX Europe Mid 200 Source ETF EFLEX	Opt	Electronic	0.4	EUR	FRPL				0.4	0.15	EUR	FRPL
EUREX	Eurex	Index	SC7I	STOXX Europe 600 Optimised Insurance Source ETF EFLEX	Opt	Electronic	0.4	EUR	FRPL				0.4	0.15	EUR	FRPL
EUREX	Eurex	Index	SC7N	STOXX Europe 600 Optimised Construction Source ETF EFLEX	Opt	Electronic	0.4	EUR	FRPL				0.4	0.15	EUR	FRPL
EUREX	Eurex	Index	SC7Q	STOXX Europe 600 Optimised Telecommunications Source ETF EFLEX	Opt	Electronic	0.4	EUR	FRPL				0.4	0.15	EUR	FRPL
EUREX	Eurex	Index	SC7S	STOXX Europe 600 Optimised Industrial Goods & Services Source ETF EFLEX	Opt	Electronic	0.4	EUR	FRPL				0.4	0.15	EUR	FRPL
EUREX	Eurex	Index	SC7U	STOXX Europe 600 Optimised Banks Source ETF EFLEX	Opt	Electronic	0.4	EUR	FRPL				0.4	0.15	EUR	FRPL
EUREX	Eurex	Index	SC7V	STOXX Europe 600 Optimised Oil & Gas Source ETF EFLEX	Opt	Electronic	0.4	EUR	FRPL				0.4	0.15	EUR	FRPL
EUREX	Eurex	Index	SC7W	STOXX Europe 600 Optimised Basic Resources Source ETF EFLEX	Opt	Electronic	0.4	EUR	FRPL				0.4	0.15	EUR	FRPL
EUREX	Eurex	Index	SC7Z	STOXX Europe 600 Optimised Utilities Source ETF EFLEX	Opt	Electronic	0.4	EUR	FRPL				0.4	0.15	EUR	FRPL
EUREX	Eurex	Index	SC8G	STOXX Europe Mid 200 Source ETF AFLEX	Opt	Electronic	0.4	EUR	FRPL				0.4	0.15	EUR	FRPL
EUREX	Eurex	Index	SC8I	STOXX Europe 600 Optimised Insurance Source ETF AFLEX	Opt	Electronic	0.4	EUR	FRPL				0.4	0.15	EUR	FRPL
EUREX	Eurex	Index	SC8N	STOXX Europe 600 Optimised Construction Source ETF AFLEX	Opt	Electronic	0.4	EUR	FRPL				0.4	0.15	EUR	FRPL
EUREX	Eurex	Index	SC8Q	STOXX Europe 600 Optimised Telecommunications Source ETF AFLEX	Opt	Electronic	0.4	EUR	FRPL				0.4	0.15	EUR	FRPL
EUREX	Eurex	Index	SC8S	STOXX Europe 600 Optimised Industrial Goods & Services Source ETF AFLEX	Opt	Electronic	0.4	EUR	FRPL				0.4	0.15	EUR	FRPL
EUREX	Eurex	Index	SC8U	STOXX Europe 600 Optimised Banks Source ETF AFLEX	Opt	Electronic	0.4	EUR	FRPL				0.4	0.15	EUR	FRPL
EUREX	Eurex	Index	SC8V	STOXX Europe 600 Optimised Oil & Gas Source ETF AFLEX	Opt	Electronic	0.4	EUR	FRPL				0.4	0.15	EUR	FRPL
EUREX	Eurex	Index	SC8W	STOXX Europe 600 Optimised Basic Resources Source ETF AFLEX	Opt	Electronic	0.4	EUR	FRPL				0.4	0.15	EUR	FRPL
EUREX	Eurex	Index	SC8Z	STOXX Europe 600 Optimised Utilities Source ETF AFLEX	Opt	Electronic	0.4	EUR	FRPL				0.4	0.15	EUR	FRPL
EUREX	Eurex	Index	SC9G	STOXX Europe Mid 200 Source ETF AFLEX	Opt	Electronic	0.4	EUR	FRPL				0.4	0.15	EUR	FRPL
EUREX	Eurex	Index	SC9I	STOXX Europe 600 Optimised Insurance Source ETF AFLEX	Opt	Electronic	0.4	EUR	FRPL				0.4	0.15	EUR	FRPL
EUREX	Eurex	Index	SC9N	STOXX Europe 600 Optimised Construction Source ETF AFLEX	Opt	Electronic	0.4	EUR	FRPL				0.4	0.15	EUR	FRPL
EUREX	Eurex	Index	SC9Q	STOXX Europe 600 Optimised Telecommunications Source ETF AFLEX	Opt	Electronic	0.4	EUR	FRPL				0.4	0.15	EUR	FRPL
EUREX	Eurex	Index	SC9S	STOXX Europe 600 Optimised Industrial Goods & Services Source ETF AFLEX	Opt	Electronic	0.4	EUR	FRPL				0.4	0.15	EUR	FRPL
EUREX	Eurex	Index	SC9U	STOXX Europe 600 Optimised Banks Source ETF AFLEX	Opt	Electronic	0.4	EUR	FRPL				0.4	0.15	EUR	FRPL
EUREX	Eurex	Index	SC9V	STOXX Europe 600 Optimised Oil & Gas Source ETF AFLEX	Opt	Electronic	0.4	EUR	FRPL				0.4	0.15	EUR	FRPL
EUREX	Eurex	Index	SC9W	STOXX Europe 600 Optimised Basic Resources Source ETF AFLEX	Opt	Electronic	0.4	EUR	FRPL				0.4	0.15	EUR	FRPL
EUREX	Eurex	Index	SC9Z	STOXX Europe 600 Optimised Utilities Source ETF AFLEX	Opt	Electronic	0.4	EUR	FRPL				0.4	0.15	EUR	FRPL
EUREX	Eurex	Equity	SCF4	Gazprom Neftyanaya Kompaniya FLEX	Fut	Electronic	0.3	USD	FRPL				0.3	0.2	USD	FRPL
EUREX	Eurex	Equity	SCF5	Gazprom Neftyanaya Kompaniya FLEX	Fut	Electronic	0.3	USD	FRPL				0.3	0.2	USD	FRPL
EUREX	Eurex	Equity	SCFF	Gazprom Neftyanaya Kompaniya	Fut	Electronic	0.2	USD	FRPL				0.2	0.2	USD	FRPL
EUREX	Eurex	Equity	SCM4	Swisscom AG FLEX	Fut	Electronic	0.3	CHF	FRPL				0.3	0.2	CHF	FRPL
EUREX	Eurex	Equity	SCM5	Swisscom AG FLEX	Fut	Electronic	0.3	CHF	FRPL				0.3	0.2	CHF	FRPL
EUREX	Eurex	Equity	SCMH	Swisscom AG	Fut	Electronic	0.2	CHF	FRPL				0.2	0.2	CHF	FRPL
EUREX	Eurex	Equity	SCOI	SCOR SE	Fut	Electronic	0.13	EUR	FRPL				0.13	0.15	EUR	FRPL
EUREX	Eurex	Equity	SD4H	K&S AG FLEX	Fut	Electronic	0.2	EUR	FRPL				0.2	0.15	EUR	FRPL
EUREX	Eurex	Equity	SD5H	K&S AG FLEX	Fut	Electronic	0.2	EUR	FRPL				0.2	0.15	EUR	FRPL
EUREX	Eurex	Equity	SDR4	Schroders PLC FLEX	Fut	Electronic	0.15	GBP	FRPL				0.15	0.15	GBP	FRPL
EUREX	Eurex	Equity	SDR5	Schroders PLC FLEX	Fut	Electronic	0.15	GBP	FRPL				0.15	0.15	GBP	FRPL
EUREX	Eurex	Equity	SDRF	Schroders PLC	Fut	Electronic	0.1	GBP	FRPL				0.1	0.15	GBP	FRPL
EUREX	Eurex	Equity	SDXH	K&S AG	Fut	Electronic	0.13	EUR	FRPL				0.13	0.15	EUR	FRPL
EUREX	Eurex	Equity	SE4F	Safran FLEX	Fut	Electronic	0.2	EUR	FRPL				0.2	0.15	EUR	FRPL
EUREX	Eurex	Equity	SE4W	Semperit AG Holding FLEX	Fut	Electronic	0.2	EUR	FRPL				0.2	0.15	EUR	FRPL
EUREX	Eurex	Equity	SE5F	Safran FLEX	Fut	Electronic	0.2	EUR	FRPL				0.2	0.15	EUR	FRPL
EUREX	Eurex	Equity	SE5W	Semperit AG Holding FLEX	Fut	Electronic	0.2	EUR	FRPL				0.2	0.15	EUR	FRPL
EUREX	Eurex	Equity	SEJF	Safran	Fut	Electronic	0.13	EUR	FRPL				0.13	0.15	EUR	FRPL
EUREX	Eurex	Equity	SES4	SES S.A FLEX	Fut	Electronic	0.2	EUR	FRPL				0.2	0.15	EUR	FRPL
EUREX	Eurex	Equity	SESF	SES S.A	Fut	Electronic	0.13	EUR	FRPL				0.13	0.15	EUR	FRPL

Exch Code	Exch Desc	Comm Group	Prod Code	Product Desc	F/O	Platform	Trd Fee	Trd Fee Cur	Trd Fee Meth	Clr Fee	Clr Fee Cur	Clr Fee Meth	Fee Total	Brk Fee	Brk Fee Cur	Brk Fee Meth
EUREX	Eurex	Equity	SEVF	Suez Environnement	Fut	Electronic	0.13	EUR	FRPL				0.13	0.15	EUR	FRPL
EUREX	Eurex	Equity	SEWF	Semperit AG Holding	Fut	Electronic	0.13	EUR	FRPL				0.13	0.15	EUR	FRPL
EUREX	Eurex	Equity	SG4I	Societe Generale S.A FLEX	Fut	Electronic	0.2	EUR	FRPL				0.2	0.15	EUR	FRPL
EUREX	Eurex	Equity	SG5I	Societe Generale S.A FLEX	Fut	Electronic	0.2	EUR	FRPL				0.2	0.15	EUR	FRPL
EUREX	Eurex	Equity	SGEI	Societe Generale S.A	Fut	Electronic	0.13	EUR	FRPL				0.13	0.15	EUR	FRPL
EUREX	Eurex	Equity	SGK4	Sage Group PLC FLEX	Fut	Electronic	0.15	GBP	FRPL				0.15	0.15	GBP	FRPL
EUREX	Eurex	Equity	SGK5	Sage Group PLC FLEX	Fut	Electronic	0.15	GBP	FRPL				0.15	0.15	GBP	FRPL
EUREX	Eurex	Equity	SGKF	Sage Group PLC	Fut	Electronic	0.1	GBP	FRPL				0.1	0.15	GBP	FRPL
EUREX	Eurex	Equity	SGL4	SGL Carbon SE FLEX	Fut	Electronic	0.2	EUR	FRPL				0.2	0.15	EUR	FRPL
EUREX	Eurex	Equity	SGL5	SGL Carbon SE FLEX	Fut	Electronic	0.2	EUR	FRPL				0.2	0.15	EUR	FRPL
EUREX	Eurex	Equity	SGLF	SGL Carbon SE	Fut	Electronic	0.13	EUR	FRPL				0.13	0.15	EUR	FRPL
EUREX	Eurex	Equity	SGM4	STMicroelectronics N.V FLEX	Fut	Electronic	0.2	EUR	FRPL				0.2	0.15	EUR	FRPL
EUREX	Eurex	Equity	SGM5	STMicroelectronics N.V FLEX	Fut	Electronic	0.2	EUR	FRPL				0.2	0.15	EUR	FRPL
EUREX	Eurex	Equity	SGMF	STMicroelectronics N.V	Fut	Electronic	0.13	EUR	FRPL				0.13	0.15	EUR	FRPL
EUREX	Eurex	Equity	SGN4	OAO Surgutneftegaz FLEX	Fut	Electronic	0.3	USD	FRPL				0.3	0.2	USD	FRPL
EUREX	Eurex	Equity	SGN5	OAO Surgutneftegaz FLEX	Fut	Electronic	0.3	USD	FRPL				0.3	0.2	USD	FRPL
EUREX	Eurex	Equity	SGNF	OAO Surgutneftegaz	Fut	Electronic	0.2	USD	FRPL				0.2	0.2	USD	FRPL
EUREX	Eurex	Equity	SGR4	Segro PLC FLEX	Fut	Electronic	0.15	GBP	FRPL				0.15	0.15	GBP	FRPL
EUREX	Eurex	Equity	SGR5	Segro PLC FLEX	Fut	Electronic	0.15	GBP	FRPL				0.15	0.15	GBP	FRPL
EUREX	Eurex	Equity	SGRF	Segro PLC	Fut	Electronic	0.1	GBP	FRPL				0.1	0.15	GBP	FRPL
EUREX	Eurex	Equity	SGS4	SGS S.A FLEX	Fut	Electronic	0.3	CHF	FRPL				0.3	0.2	CHF	FRPL
EUREX	Eurex	Equity	SGS5	SGS S.A FLEX	Fut	Electronic	0.3	CHF	FRPL				0.3	0.2	CHF	FRPL
EUREX	Eurex	Equity	SGSK	SGS S.A	Fut	Electronic	0.2	CHF	FRPL				0.2	0.2	CHF	FRPL
EUREX	Eurex	Equity	SH4F	Shire PLC FLEX	Fut	Electronic	0.15	GBP	FRPL				0.15	0.15	GBP	FRPL
EUREX	Eurex	Equity	SH5F	Shire PLC FLEX	Fut	Electronic	0.15	GBP	FRPL				0.15	0.15	GBP	FRPL
EUREX	Eurex	Equity	SHPF	Shire PLC	Fut	Electronic	0.1	GBP	FRPL				0.1	0.15	GBP	FRPL
EUREX	Eurex	Equity	SI4F	Silver Wheaton Corporation FLEX	Fut	Electronic	0.3	USD	FRPL				0.3	0.2	USD	FRPL
EUREX	Eurex	Equity	SI4G	Schindler Holding AG FLEX	Fut	Electronic	0.3	CHF	FRPL				0.3	0.2	CHF	FRPL
EUREX	Eurex	Equity	SI5G	Schindler Holding AG FLEX	Fut	Electronic	0.3	CHF	FRPL				0.3	0.2	CHF	FRPL
EUREX	Eurex	Equity	SIE4	Siemens AG FLEX	Fut	Electronic	0.2	EUR	FRPL				0.2	0.15	EUR	FRPL
EUREX	Eurex	Equity	SIE5	Siemens AG FLEX	Fut	Electronic	0.2	EUR	FRPL				0.2	0.15	EUR	FRPL
EUREX	Eurex	Equity	SIEF	Siemens AG	Fut	Electronic	0.13	EUR	FRPL				0.13	0.15	EUR	FRPL
EUREX	Eurex	Equity	SIIF	Silver Wheaton Corporation	Fut	Electronic	0.2	USD	FRPL				0.2	0.2	USD	FRPL
EUREX	Eurex	Equity	SIKG	Sika AG	Fut	Electronic	0.2	CHF	FRPL				0.2	0.2	CHF	FRPL
EUREX	Eurex	Equity	SINF	Schindler Holding AG	Fut	Electronic	0.2	CHF	FRPL				0.2	0.2	CHF	FRPL
EUREX	Eurex	Equity	SING	Schindler Holding AG	Fut	Electronic	0.2	CHF	FRPL				0.2	0.2	CHF	FRPL
EUREX	Eurex	Equity	SIXF	Sixt AG	Fut	Electronic	0.13	EUR	FRPL				0.13	0.15	EUR	FRPL
EUREX	Eurex	Equity	SJ4F	Sodexo S.A FLEX	Fut	Electronic	0.2	EUR	FRPL				0.2	0.15	EUR	FRPL
EUREX	Eurex	Equity	SJ5F	Sodexo S.A FLEX	Fut	Electronic	0.2	EUR	FRPL				0.2	0.15	EUR	FRPL
EUREX	Eurex	Equity	SJ7F	Sodexo S.A	Fut	Electronic	0.13	EUR	FRPL				0.13	0.15	EUR	FRPL
EUREX	Eurex	Equity	SK4F	Sky Deutschland AG FLEX	Fut	Electronic	0.2	EUR	FRPL				0.2	0.15	EUR	FRPL
EUREX	Eurex	Equity	SK4G	Sky Deutschland AG FLEX	Fut	Electronic	0.2	EUR	FRPL				0.2	0.15	EUR	FRPL
EUREX	Eurex	Equity	SK4I	Skanska AB FLEX	Fut	Electronic	0.2	EUR	FRPL				0.2	0.15	EUR	FRPL
EUREX	Eurex	Equity	SK5F	Sky Deutschland AG FLEX	Fut	Electronic	0.2	EUR	FRPL				0.2	0.15	EUR	FRPL
EUREX	Eurex	Equity	SK5G	Sky Deutschland AG FLEX	Fut	Electronic	0.2	EUR	FRPL				0.2	0.15	EUR	FRPL
EUREX	Eurex	Equity	SKAI	Skanska AB	Fut	Electronic	0.13	EUR	FRPL				0.13	0.15	EUR	FRPL
EUREX	Eurex	Equity	SKYF	Sky Deutschland AG	Fut	Electronic	0.13	EUR	FRPL				0.13	0.15	EUR	FRPL
EUREX	Eurex	Equity	SKYG	Sky Deutschland AG	Fut	Electronic	0.13	EUR	FRPL				0.13	0.15	EUR	FRPL
EUREX	Eurex	Equity	SL4G	Swiss Life Holding AG FLEX	Fut	Electronic	0.3	CHF	FRPL				0.3	0.2	CHF	FRPL
EUREX	Eurex	Equity	SL5G	Swiss Life Holding AG FLEX	Fut	Electronic	0.3	CHF	FRPL				0.3	0.2	CHF	FRPL
EUREX	Eurex	Equity	SLB4	Schlumberger N.V Ltd FLEX	Fut	Electronic	0.3	USD	FRPL				0.3	0.2	USD	FRPL
EUREX	Eurex	Equity	SLBF	Schlumberger N.V Ltd	Fut	Electronic	0.2	USD	FRPL				0.2	0.2	USD	FRPL
EUREX	Eurex	Equity	SLF4	The Standard Life Assurance Co FLEX	Fut	Electronic	0.15	GBP	FRPL				0.15	0.15	GBP	FRPL
EUREX	Eurex	Equity	SLF5	The Standard Life Assurance Co FLEX	Fut	Electronic	0.15	GBP	FRPL				0.15	0.15	GBP	FRPL
EUREX	Eurex	Equity	SLFF	The Standard Life Assurance Co	Fut	Electronic	0.1	GBP	FRPL				0.1	0.15	GBP	FRPL
EUREX	Eurex	Equity	SLHG	Swiss Life Holding AG	Fut	Electronic	0.2	CHF	FRPL				0.2	0.2	CHF	FRPL
EUREX	Eurex	Equity	SLR4	Solaria Energia Y Medio Ambiente FLEX	Fut	Electronic	0.2	EUR	FRPL				0.2	0.15	EUR	FRPL
EUREX	Eurex	Equity	SLRF	Solaria Energia Y Medio Ambiente	Fut	Electronic	0.13	EUR	FRPL				0.13	0.15	EUR	FRPL
EUREX	Eurex	Equity	SM4F	Sampo PLC FLEX	Fut	Electronic	0.2	EUR	FRPL				0.2	0.15	EUR	FRPL

Exch Code	Exch Desc	Comm Group	Prod Code	Product Desc	F/O	Platform	Trd Fee	Trd Fee Cur	Trd Fee Meth	Clr Fee	Clr Fee Cur	Clr Fee Meth	Fee Total	Brk Fee	Brk Fee Cur	Brk Fee Meth
EUREX	Eurex	Equity	SM5F	Sampo PLC FLEX	Fut	Electronic	0.2	EUR	FRPL				0.2	0.15	EUR	FRPL
EUREX	Eurex	Equity	SMAF	SMA Solar Technology AG	Fut	Electronic	0.13	EUR	FRPL				0.13	0.15	EUR	FRPL
EUREX	Eurex	Equity	SMHF	Suess MicroTec AG	Fut	Electronic	0.13	EUR	FRPL				0.13	0.15	EUR	FRPL
EUREX	Eurex	Equity	SMI4	Smiths Group PLC FLEX	Fut	Electronic	0.15	GBP	FRPL				0.15	0.15	GBP	FRPL
EUREX	Eurex	Equity	SMI5	Smiths Group PLC FLEX	Fut	Electronic	0.15	GBP	FRPL				0.15	0.15	GBP	FRPL
EUREX	Eurex	Equity	SMIF	Smiths Group PLC	Fut	Electronic	0.1	GBP	FRPL				0.1	0.15	GBP	FRPL
EUREX	Eurex	Equity	SMPF	Sampo PLC	Fut	Electronic	0.13	EUR	FRPL				0.13	0.15	EUR	FRPL
EUREX	Eurex	Equity	SN4F	Sanofi FLEX	Fut	Electronic	0.2	EUR	FRPL				0.2	0.15	EUR	FRPL
EUREX	Eurex	Equity	SN4H	Schneider Electric S.A FLEX	Fut	Electronic	0.2	EUR	FRPL				0.2	0.15	EUR	FRPL
EUREX	Eurex	Equity	SN5F	Sanofi FLEX	Fut	Electronic	0.2	EUR	FRPL				0.2	0.15	EUR	FRPL
EUREX	Eurex	Equity	SN5H	Schneider Electric S.A FLEX	Fut	Electronic	0.2	EUR	FRPL				0.2	0.15	EUR	FRPL
EUREX	Eurex	Equity	SNDH	Schneider Electric S.A	Fut	Electronic	0.13	EUR	FRPL				0.13	0.15	EUR	FRPL
EUREX	Eurex	Equity	SNF4	Snam S.p.A FLEX	Fut	Electronic	0.2	EUR	FRPL				0.2	0.15	EUR	FRPL
EUREX	Eurex	Equity	SNF5	Snam S.p.A FLEX	Fut	Electronic	0.2	EUR	FRPL				0.2	0.15	EUR	FRPL
EUREX	Eurex	Equity	SNFF	Snam S.p.A	Fut	Electronic	0.13	EUR	FRPL				0.13	0.15	EUR	FRPL
EUREX	Eurex	Equity	SNGF	Singulus Technologies AG	Fut	Electronic	0.13	EUR	FRPL				0.13	0.15	EUR	FRPL
EUREX	Eurex	Equity	SNWF	Sanofi	Fut	Electronic	0.13	EUR	FRPL				0.13	0.15	EUR	FRPL
EUREX	Eurex	Equity	SO4F	Solvay S.A FLEX	Fut	Electronic	0.2	EUR	FRPL				0.2	0.15	EUR	FRPL
EUREX	Eurex	Equity	SO4H	Fondiaria S.A.I S.p.A FLEX	Fut	Electronic	0.2	EUR	FRPL				0.2	0.15	EUR	FRPL
EUREX	Eurex	Equity	SO5F	Solvay S.A FLEX	Fut	Electronic	0.2	EUR	FRPL				0.2	0.15	EUR	FRPL
EUREX	Eurex	Equity	SO5H	Fondiaria S.A.I S.p.A FLEX	Fut	Electronic	0.2	EUR	FRPL				0.2	0.15	EUR	FRPL
EUREX	Eurex	Equity	SOAH	Fondiaria S.A.I S.p.A	Fut	Electronic	0.13	EUR	FRPL				0.13	0.15	EUR	FRPL
EUREX	Eurex	Equity	SOF4	The Southern Co FLEX	Fut	Electronic	0.3	USD	FRPL				0.3	0.2	USD	FRPL
EUREX	Eurex	Equity	SOFF	The Southern Co	Fut	Electronic	0.2	USD	FRPL				0.2	0.2	USD	FRPL
EUREX	Eurex	Equity	SOLF	Solvay S.A	Fut	Electronic	0.13	EUR	FRPL				0.13	0.15	EUR	FRPL
EUREX	Eurex	Equity	SONG	Sonova Holding AG	Fut	Electronic	0.2	CHF	FRPL				0.2	0.2	CHF	FRPL
EUREX	Eurex	Equity	SOWG	Software AG	Fut	Electronic	0.13	EUR	FRPL				0.13	0.15	EUR	FRPL
EUREX	Eurex	Equity	SP4H	Saipem S.p.A FLEX	Fut	Electronic	0.2	EUR	FRPL				0.2	0.15	EUR	FRPL
EUREX	Eurex	Equity	SP5H	Saipem S.p.A FLEX	Fut	Electronic	0.2	EUR	FRPL				0.2	0.15	EUR	FRPL
EUREX	Eurex	Equity	SP74	Seat Pagine Gialle S.p.A FLEX	Fut	Electronic	0.2	EUR	FRPL				0.2	0.15	EUR	FRPL
EUREX	Eurex	Equity	SP75	Seat Pagine Gialle S.p.A FLEX	Fut	Electronic	0.2	EUR	FRPL				0.2	0.15	EUR	FRPL
EUREX	Eurex	Equity	SP7F	Seat Pagine Gialle S.p.A	Fut	Electronic	0.13	EUR	FRPL				0.13	0.15	EUR	FRPL
EUREX	Eurex	Equity	SPEH	Saipem S.p.A	Fut	Electronic	0.13	EUR	FRPL				0.13	0.15	EUR	FRPL
EUREX	Eurex	Equity	SPRG	Axel Springer AG	Fut	Electronic	0.13	EUR	FRPL				0.13	0.15	EUR	FRPL
EUREX	Eurex	Equity	SQ4F	Strayer Education Inc FLEX	Fut	Electronic	0.3	USD	FRPL				0.3	0.2	USD	FRPL
EUREX	Eurex	Equity	SQ4G	VINCI S.A FLEX	Fut	Electronic	0.2	EUR	FRPL				0.2	0.15	EUR	FRPL
EUREX	Eurex	Equity	SQ5G	VINCI S.A FLEX	Fut	Electronic	0.2	EUR	FRPL				0.2	0.15	EUR	FRPL
EUREX	Eurex	Equity	SQEF	Strayer Education Inc	Fut	Electronic	0.2	USD	FRPL				0.2	0.2	USD	FRPL
EUREX	Eurex	Equity	SQUG	VINCI S.A	Fut	Electronic	0.13	EUR	FRPL				0.13	0.15	EUR	FRPL
EUREX	Eurex	Equity	SQY4	AFI Development PLC FLEX	Fut	Electronic	0.3	USD	FRPL				0.3	0.2	USD	FRPL
EUREX	Eurex	Equity	SQYF	AFI Development PLC	Fut	Electronic	0.2	USD	FRPL				0.2	0.2	USD	FRPL
EUREX	Eurex	Equity	SR4F	Serco Group PLC FLEX	Fut	Electronic	0.15	GBP	FRPL				0.15	0.15	GBP	FRPL
EUREX	Eurex	Equity	SR4G	Swiss Re AG FLEX	Fut	Electronic	0.3	CHF	FRPL				0.3	0.2	CHF	FRPL
EUREX	Eurex	Equity	SR5F	Serco Group PLC FLEX	Fut	Electronic	0.15	GBP	FRPL				0.15	0.15	GBP	FRPL
EUREX	Eurex	Equity	SR5G	Swiss Re AG FLEX	Fut	Electronic	0.3	CHF	FRPL				0.3	0.2	CHF	FRPL
EUREX	Eurex	Equity	SREG	Swiss Re AG	Fut	Electronic	0.2	CHF	FRPL				0.2	0.2	CHF	FRPL
EUREX	Eurex	Equity	SRPF	Serco Group PLC	Fut	Electronic	0.1	GBP	FRPL				0.1	0.15	GBP	FRPL
EUREX	Eurex	Equity	SS4F	SSE PLC FLEX	Fut	Electronic	0.15	GBP	FRPL				0.15	0.15	GBP	FRPL
EUREX	Eurex	Equity	SS5F	SSE PLC FLEX	Fut	Electronic	0.15	GBP	FRPL				0.15	0.15	GBP	FRPL
EUREX	Eurex	Equity	SSEF	SSE PLC	Fut	Electronic	0.1	GBP	FRPL				0.1	0.15	GBP	FRPL
EUREX	Eurex	Equity	ST4F	Straumann Holding AG FLEX	Fut	Electronic	0.3	CHF	FRPL				0.3	0.2	CHF	FRPL
EUREX	Eurex	Equity	ST4G	Standard Chartered PLC FLEX	Fut	Electronic	0.15	GBP	FRPL				0.15	0.15	GBP	FRPL
EUREX	Eurex	Equity	ST5F	Straumann Holding AG FLEX	Fut	Electronic	0.3	CHF	FRPL				0.3	0.2	CHF	FRPL
EUREX	Eurex	Equity	ST5G	Standard Chartered PLC FLEX	Fut	Electronic	0.15	GBP	FRPL				0.15	0.15	GBP	FRPL
EUREX	Eurex	Equity	STAG	Standard Chartered PLC	Fut	Electronic	0.1	GBP	FRPL				0.1	0.15	GBP	FRPL
EUREX	Eurex	Equity	STC4	Stockmann AB Oy FLEX	Fut	Electronic	0.2	EUR	FRPL				0.2	0.15	EUR	FRPL
EUREX	Eurex	Equity	STCF	Stockmann AB Oy	Fut	Electronic	0.13	EUR	FRPL				0.13	0.15	EUR	FRPL
EUREX	Eurex	Equity	STMF	Straumann Holding AG	Fut	Electronic	0.2	CHF	FRPL				0.2	0.2	CHF	FRPL
EUREX	Eurex	Equity	STR4	Strabag AG FLEX	Fut	Electronic	0.2	EUR	FRPL				0.2	0.15	EUR	FRPL

Exch Code	Exch Desc	Comm Group	Prod Code	Product Desc	F/O	Platform	Trd Fee	Trd Fee Cur	Trd Fee Meth	Clr Fee	Clr Fee Cur	Clr Fee Meth	Fee Total	Brk Fee	Brk Fee Cur	Brk Fee Meth
EUREX	Eurex	Equity	STR5	Strabag AG FLEX	Fut	Electronic	0.2	EUR	FRPL				0.2	0.15	EUR	FRPL
EUREX	Eurex	Equity	STRF	Strabag AG	Fut	Electronic	0.13	EUR	FRPL				0.13	0.15	EUR	FRPL
EUREX	Eurex	Equity	STT4	State Street Corp FLEX	Fut	Electronic	0.3	USD	FRPL				0.3	0.2	USD	FRPL
EUREX	Eurex	Equity	STTF	State Street Corp	Fut	Electronic	0.2	USD	FRPL				0.2	0.2	USD	FRPL
EUREX	Eurex	Equity	SU4F	Suncor Energy Inc FLEX	Fut	Electronic	0.3	USD	FRPL				0.3	0.2	USD	FRPL
EUREX	Eurex	Equity	SU4G	Sulzer AG FLEX	Fut	Electronic	0.3	CHF	FRPL				0.3	0.2	CHF	FRPL
EUREX	Eurex	Equity	SU5G	Sulzer AG FLEX	Fut	Electronic	0.3	CHF	FRPL				0.3	0.2	CHF	FRPL
EUREX	Eurex	Equity	SUEF	Suncor Energy Inc	Fut	Electronic	0.2	USD	FRPL				0.2	0.2	USD	FRPL
EUREX	Eurex	Equity	SUNG	Sulzer AG	Fut	Electronic	0.2	CHF	FRPL				0.2	0.2	CHF	FRPL
EUREX	Eurex	Equity	SV4F	Severn Trent PLC FLEX	Fut	Electronic	0.15	GBP	FRPL				0.15	0.15	GBP	FRPL
EUREX	Eurex	Equity	SV5F	Severn Trent PLC FLEX	Fut	Electronic	0.15	GBP	FRPL				0.15	0.15	GBP	FRPL
EUREX	Eurex	Equity	SVTF	Severn Trent PLC	Fut	Electronic	0.1	GBP	FRPL				0.1	0.15	GBP	FRPL
EUREX	Eurex	Equity	SVUF	Supervalue Inc	Fut	Electronic	0.2	USD	FRPL				0.2	0.2	USD	FRPL
EUREX	Eurex	Equity	SW4F	Sanoma Oyj FLEX	Fut	Electronic	0.2	EUR	FRPL				0.2	0.15	EUR	FRPL
EUREX	Eurex	Equity	SW4H	SolarWorld AG FLEX	Fut	Electronic	0.2	EUR	FRPL				0.2	0.15	EUR	FRPL
EUREX	Eurex	Equity	SW5F	Sanoma Oyj FLEX	Fut	Electronic	0.2	EUR	FRPL				0.2	0.15	EUR	FRPL
EUREX	Eurex	Equity	SW5H	SolarWorld AG FLEX	Fut	Electronic	0.2	EUR	FRPL				0.2	0.15	EUR	FRPL
EUREX	Eurex	Equity	SWG4	Charles Schwab Corp FLEX	Fut	Electronic	0.3	USD	FRPL				0.3	0.2	USD	FRPL
EUREX	Eurex	Equity	SWGF	Charles Schwab Corp	Fut	Electronic	0.2	USD	FRPL				0.2	0.2	USD	FRPL
EUREX	Eurex	Equity	SWM4	Swedish Match AB FLEX	Fut	Electronic	0.2	EUR	FRPL				0.2	0.15	EUR	FRPL
EUREX	Eurex	Equity	SWMF	Swedish Match AB	Fut	Electronic	0.13	EUR	FRPL				0.13	0.15	EUR	FRPL
EUREX	Eurex	Equity	SWSF	Sanoma Oyj	Fut	Electronic	0.13	EUR	FRPL				0.13	0.15	EUR	FRPL
EUREX	Eurex	Equity	SWVH	SolarWorld AG	Fut	Electronic	0.13	EUR	FRPL				0.13	0.15	EUR	FRPL
EUREX	Eurex	Equity	SY14	Symrise AG FLEX	Fut	Electronic	0.2	EUR	FRPL				0.2	0.15	EUR	FRPL
EUREX	Eurex	Equity	SY15	Symrise AG FLEX	Fut	Electronic	0.2	EUR	FRPL				0.2	0.15	EUR	FRPL
EUREX	Eurex	Equity	SY1F	Symrise AG	Fut	Electronic	0.13	EUR	FRPL				0.13	0.15	EUR	FRPL
EUREX	Eurex	Equity	SY4G	Syngenta AG FLEX	Fut	Electronic	0.3	CHF	FRPL				0.3	0.2	CHF	FRPL
EUREX	Eurex	Equity	SY5G	Syngenta AG FLEX	Fut	Electronic	0.3	CHF	FRPL				0.3	0.2	CHF	FRPL
EUREX	Eurex	Equity	SYM4	Symantec Corp FLEX	Fut	Electronic	0.3	USD	FRPL				0.3	0.2	USD	FRPL
EUREX	Eurex	Equity	SYMF	Symantec Corp	Fut	Electronic	0.2	USD	FRPL				0.2	0.2	USD	FRPL
EUREX	Eurex	Equity	SYNG	Syngenta AG	Fut	Electronic	0.2	CHF	FRPL				0.2	0.2	CHF	FRPL
EUREX	Eurex	Equity	SZ4G	Salzgitter AG FLEX	Fut	Electronic	0.2	EUR	FRPL				0.2	0.15	EUR	FRPL
EUREX	Eurex	Equity	SZ5G	Salzgitter AG FLEX	Fut	Electronic	0.2	EUR	FRPL				0.2	0.15	EUR	FRPL
EUREX	Eurex	Equity	SZGG	Salzgitter AG	Fut	Electronic	0.13	EUR	FRPL				0.13	0.15	EUR	FRPL
EUREX	Eurex	Equity	SZUG	Sudzucker AG	Fut	Electronic	0.13	EUR	FRPL				0.13	0.15	EUR	FRPL
EUREX	Eurex	Equity	T14F	TransCanada Corporation FLEX	Fut	Electronic	0.3	USD	FRPL				0.3	0.2	USD	FRPL
EUREX	Eurex	Equity	T1NE	Telefonica S.A Dividend	Fut	Electronic	0.2	EUR	FRPL				0.2	0.15	EUR	FRPL
EUREX	Eurex	Equity	T2NE	Telefonica S.A Dividend	Fut	Electronic	1.2	EUR	FRPL				1.2	0.15	EUR	FRPL
EUREX	Eurex	Equity	T2OT	Total S.A Dividend	Fut	Electronic	1.2	EUR	FRPL				1.2	0.15	EUR	FRPL
EUREX	Eurex	Equity	T2QI	Telecom Italia S.p.A Dividend	Fut	Electronic	0.4	EUR	FRPL				0.4	0.15	EUR	FRPL
EUREX	Eurex	Equity	T2SC	Tesco PLC Dividend	Fut	Electronic	0.3	GBP	FRPL				0.3	0.15	GBP	FRPL
EUREX	Eurex	Equity	T4KF	Teck Resources Ltd FLEX	Fut	Electronic	0.3	USD	FRPL				0.3	0.2	USD	FRPL
EUREX	Eurex	Equity	T4SF	Telekomunikacja Polska SA FLEX	Fut	Electronic	0.2	EUR	FRPL				0.2	0.15	EUR	FRPL
EUREX	Eurex	Equity	T4UF	TELUS Corp FLEX	Fut	Electronic	0.3	USD	FRPL				0.3	0.2	USD	FRPL
EUREX	Eurex	Equity	TA1F	Telekom Austria AG	Fut	Electronic	0.13	EUR	FRPL				0.13	0.15	EUR	FRPL
EUREX	Eurex	Equity	TA4F	Telekom Austria AG FLEX	Fut	Electronic	0.2	EUR	FRPL				0.2	0.15	EUR	FRPL
EUREX	Eurex	Equity	TA5F	Telekom Austria AG FLEX	Fut	Electronic	0.2	EUR	FRPL				0.2	0.15	EUR	FRPL
EUREX	Eurex	Equity	TAG4	TAG Immobilien AG FLEX	Fut	Electronic	0.2	EUR	FRPL				0.2	0.15	EUR	FRPL
EUREX	Eurex	Equity	TAG5	TAG Immobilien AG FLEX	Fut	Electronic	0.2	EUR	FRPL				0.2	0.15	EUR	FRPL
EUREX	Eurex	Equity	TAGF	TAG Immobilien AG	Fut	Electronic	0.13	EUR	FRPL				0.13	0.15	EUR	FRPL
EUREX	Eurex	Equity	TAT4	Tate & Lyle PLC FLEX	Fut	Electronic	0.15	GBP	FRPL				0.15	0.15	GBP	FRPL
EUREX	Eurex	Equity	TAT5	Tate & Lyle PLC FLEX	Fut	Electronic	0.15	GBP	FRPL				0.15	0.15	GBP	FRPL
EUREX	Eurex	Equity	TATF	Tate & Lyle PLC	Fut	Electronic	0.1	GBP	FRPL				0.1	0.15	GBP	FRPL
EUREX	Eurex	Equity	TD4F	Toronto-Dominion Bank FLEX	Fut	Electronic	0.3	USD	FRPL				0.3	0.2	USD	FRPL
EUREX	Eurex	Equity	TDFF	Toronto-Dominion Bank	Fut	Electronic	0.2	USD	FRPL				0.2	0.2	USD	FRPL
EUREX	Eurex	Equity	TE4F	Telefonica S.A FLEX	Fut	Electronic	0.2	EUR	FRPL				0.2	0.15	EUR	FRPL
EUREX	Eurex	Equity	TE4G	Tenaris S.A FLEX	Fut	Electronic	0.2	EUR	FRPL				0.2	0.15	EUR	FRPL
EUREX	Eurex	Equity	TE5P	Telefonica S.A FLEX	Fut	Electronic	0.2	EUR	FRPL				0.2	0.15	EUR	FRPL
EUREX	Eurex	Equity	TEFF	Telefonica S.A	Fut	Electronic	0.13	EUR	FRPL				0.13	0.15	EUR	FRPL

Exch Code	Exch Desc	Comm Group	Prod Code	Product Desc	F/O	Platform	Trd Fee	Trd Fee Cur	Trd Fee Meth	Clr Fee	Clr Fee Cur	Clr Fee Meth	Fee Total	Brk Fee	Brk Fee Cur	Brk Fee Meth
EUREX	Eurex	Equity	TEFP	Telefonica S.A	Fut	Electronic	0.13	EUR	FRPL				0.13	0.15	EUR	FRPL
EUREX	Eurex	Equity	TEKF	Teck Resources Ltd	Fut	Electronic	0.2	USD	FRPL				0.2	0.2	USD	FRPL
EUREX	Eurex	Equity	TENG	Tenaris S.A	Fut	Electronic	0.13	EUR	FRPL				0.13	0.15	EUR	FRPL
EUREX	Eurex	Equity	TEQ4	Telenor ASA FLEX	Fut	Electronic	0.2	EUR	FRPL				0.2	0.15	EUR	FRPL
EUREX	Eurex	Equity	TEQF	Telenor ASA	Fut	Electronic	0.13	EUR	FRPL				0.13	0.15	EUR	FRPL
EUREX	Eurex	Equity	TF4F	AT&T Inc FLEX	Fut	Electronic	0.3	USD	FRPL				0.3	0.2	USD	FRPL
EUREX	Eurex	Equity	TFFF	AT&T Inc	Fut	Electronic	0.2	USD	FRPL				0.2	0.2	USD	FRPL
EUREX	Eurex	Equity	TGT4	Target Corp FLEX	Fut	Electronic	0.3	USD	FRPL				0.3	0.2	USD	FRPL
EUREX	Eurex	Equity	TGTF	Target Corp	Fut	Electronic	0.2	USD	FRPL				0.2	0.2	USD	FRPL
EUREX	Eurex	Equity	TH4G	Technip S.A FLEX	Fut	Electronic	0.2	EUR	FRPL				0.2	0.15	EUR	FRPL
EUREX	Eurex	Equity	TH5G	Technip S.A FLEX	Fut	Electronic	0.2	EUR	FRPL				0.2	0.15	EUR	FRPL
EUREX	Eurex	Equity	THI4	Tim Hortons Inc FLEX	Fut	Electronic	0.3	USD	FRPL				0.3	0.2	USD	FRPL
EUREX	Eurex	Equity	THIF	Tim Hortons Inc	Fut	Electronic	0.2	USD	FRPL				0.2	0.2	USD	FRPL
EUREX	Eurex	Equity	THPG	Technip S.A	Fut	Electronic	0.13	EUR	FRPL				0.13	0.15	EUR	FRPL
EUREX	Eurex	Equity	TI4G	Titan Cement Co S.A FLEX	Fut	Electronic	0.2	EUR	FRPL				0.2	0.15	EUR	FRPL
EUREX	Eurex	Equity	TICG	Titan Cement Co S.A	Fut	Electronic	0.13	EUR	FRPL				0.13	0.15	EUR	FRPL
EUREX	Eurex	Equity	TK4G	ThyssenKrupp AG FLEX	Fut	Electronic	0.2	EUR	FRPL				0.2	0.15	EUR	FRPL
EUREX	Eurex	Equity	TK5G	ThyssenKrupp AG FLEX	Fut	Electronic	0.2	EUR	FRPL				0.2	0.15	EUR	FRPL
EUREX	Eurex	Equity	TKAG	ThyssenKrupp AG	Fut	Electronic	0.13	EUR	FRPL				0.13	0.15	EUR	FRPL
EUREX	Eurex	Equity	TL4F	Talisman Energy Inc FLEX	Fut	Electronic	0.3	USD	FRPL				0.3	0.2	USD	FRPL
EUREX	Eurex	Equity	TL4G	TeliaSonera AB FLEX	Fut	Electronic	0.2	EUR	FRPL				0.2	0.15	EUR	FRPL
EUREX	Eurex	Equity	TL5G	TeliaSonera AB FLEX	Fut	Electronic	0.2	EUR	FRPL				0.2	0.15	EUR	FRPL
EUREX	Eurex	Equity	TLMF	Talisman Energy Inc	Fut	Electronic	0.2	USD	FRPL				0.2	0.2	USD	FRPL
EUREX	Eurex	Equity	TLSG	TeliaSonera AB	Fut	Electronic	0.13	EUR	FRPL				0.13	0.15	EUR	FRPL
EUREX	Eurex	Equity	TLW4	Tullow Oil PLC FLEX	Fut	Electronic	0.15	GBP	FRPL				0.15	0.15	GBP	FRPL
EUREX	Eurex	Equity	TLW5	Tullow Oil PLC FLEX	Fut	Electronic	0.15	GBP	FRPL				0.15	0.15	GBP	FRPL
EUREX	Eurex	Equity	TLWF	Tullow Oil PLC	Fut	Electronic	0.1	GBP	FRPL				0.1	0.15	GBP	FRPL
EUREX	Eurex	Equity	TM4F	TMK OAO FLEX	Fut	Electronic	0.3	USD	FRPL				0.3	0.2	USD	FRPL
EUREX	Eurex	Equity	TMKF	TMK OAO	Fut	Electronic	0.2	USD	FRPL				0.2	0.2	USD	FRPL
EUREX	Eurex	Equity	TN4F	TNT Express NV FLEX	Fut	Electronic	0.2	EUR	FRPL				0.2	0.15	EUR	FRPL
EUREX	Eurex	Equity	TN5F	TNT Express NV FLEX	Fut	Electronic	0.2	EUR	FRPL				0.2	0.15	EUR	FRPL
EUREX	Eurex	Equity	TNEF	TNT Express NV	Fut	Electronic	0.13	EUR	FRPL				0.13	0.15	EUR	FRPL
EUREX	Eurex	Equity	TNM4	Technicolor FLEX	Fut	Electronic	0.2	EUR	FRPL				0.2	0.15	EUR	FRPL
EUREX	Eurex	Equity	TNM5	Technicolor FLEX	Fut	Electronic	0.2	EUR	FRPL				0.2	0.15	EUR	FRPL
EUREX	Eurex	Equity	TNMF	Technicolor	Fut	Electronic	0.13	EUR	FRPL				0.13	0.15	EUR	FRPL
EUREX	Eurex	Equity	TNU4	Groupe Eurotunnel S.A FLEX	Fut	Electronic	0.2	EUR	FRPL				0.2	0.15	EUR	FRPL
EUREX	Eurex	Equity	TNU5	Groupe Eurotunnel S.A FLEX	Fut	Electronic	0.2	EUR	FRPL				0.2	0.15	EUR	FRPL
EUREX	Eurex	Equity	TNUF	Groupe Eurotunnel S.A	Fut	Electronic	0.13	EUR	FRPL				0.13	0.15	EUR	FRPL
EUREX	Eurex	Equity	TO4F	Thomson Reuters Corporation FLEX	Fut	Electronic	0.3	USD	FRPL				0.3	0.2	USD	FRPL
EUREX	Eurex	Equity	TO4G	Total S.A FLEX	Fut	Electronic	0.2	EUR	FRPL				0.2	0.15	EUR	FRPL
EUREX	Eurex	Equity	TO5G	Total S.A FLEX	Fut	Electronic	0.2	EUR	FRPL				0.2	0.15	EUR	FRPL
EUREX	Eurex	Equity	TOCF	Thomson Reuters Corporation	Fut	Electronic	0.2	USD	FRPL				0.2	0.2	USD	FRPL
EUREX	Eurex	Equity	TOTG	Total S.A	Fut	Electronic	0.13	EUR	FRPL				0.13	0.15	EUR	FRPL
EUREX	Eurex	Equity	TP4F	Tauron Polska Energia SA FLEX	Fut	Electronic	0.2	EUR	FRPL				0.2	0.15	EUR	FRPL
EUREX	Eurex	Equity	TP4G	Travis Perkins PLC FLEX	Fut	Electronic	0.15	GBP	FRPL				0.15	0.15	GBP	FRPL
EUREX	Eurex	Equity	TP5G	Travis Perkins PLC FLEX	Fut	Electronic	0.15	GBP	FRPL				0.15	0.15	GBP	FRPL
EUREX	Eurex	Equity	TPEF	Tauron Polska Energia SA	Fut	Electronic	0.13	EUR	FRPL				0.13	0.15	EUR	FRPL
EUREX	Eurex	Equity	TPKG	Travis Perkins PLC	Fut	Electronic	0.1	GBP	FRPL				0.1	0.15	GBP	FRPL
EUREX	Eurex	Equity	TPSF	Telekomunikacja Polska SA	Fut	Electronic	0.13	EUR	FRPL				0.13	0.15	EUR	FRPL
EUREX	Eurex	Equity	TQ4F	Telecom Italia S.p.A FLEX	Fut	Electronic	0.2	EUR	FRPL				0.2	0.15	EUR	FRPL
EUREX	Eurex	Equity	TQ5F	Telecom Italia S.p.A FLEX	Fut	Electronic	0.2	EUR	FRPL				0.2	0.15	EUR	FRPL
EUREX	Eurex	Equity	TQIF	Telecom Italia S.p.A	Fut	Electronic	0.13	EUR	FRPL				0.13	0.15	EUR	FRPL
EUREX	Eurex	Equity	TQR4	Telecom Italia S.p.A FLEX	Fut	Electronic	0.2	EUR	FRPL				0.2	0.15	EUR	FRPL
EUREX	Eurex	Equity	TQR5	Telecom Italia S.p.A FLEX	Fut	Electronic	0.2	EUR	FRPL				0.2	0.15	EUR	FRPL
EUREX	Eurex	Equity	TQRF	Telecom Italia S.p.A	Fut	Electronic	0.13	EUR	FRPL				0.13	0.15	EUR	FRPL
EUREX	Eurex	Equity	TR4F	The Travelers Companies Inc FLEX	Fut	Electronic	0.3	USD	FRPL				0.3	0.2	USD	FRPL
EUREX	Eurex	Equity	TRSF	TransCanada Corporation	Fut	Electronic	0.2	USD	FRPL				0.2	0.2	USD	FRPL
EUREX	Eurex	Equity	TRVF	The Travelers Companies Inc	Fut	Electronic	0.2	USD	FRPL				0.2	0.2	USD	FRPL
EUREX	Eurex	Equity	TS4F	Tesco PLC FLEX	Fut	Electronic	0.15	GBP	FRPL				0.15	0.15	GBP	FRPL

Exch Code	Exch Desc	Comm Group	Prod Code	Product Desc	F/O	Platform	Trd Fee	Trd Fee Cur	Trd Fee Meth	Clr Fee	Clr Fee Cur	Clr Fee Meth	Fee Total	Brk Fee	Brk Fee Cur	Brk Fee Meth
EUREX	Eurex	Equity	TS5F	Tesco PLC FLEX	Fut	Electronic	0.15	GBP	FRPL				0.15	0.15	GBP	FRPL
EUREX	Eurex	Equity	TSCF	Tesco PLC	Fut	Electronic	0.1	GBP	FRPL				0.1	0.15	GBP	FRPL
EUREX	Eurex	Equity	TT4F	Tieto Corporation FLEX	Fut	Electronic	0.2	EUR	FRPL				0.2	0.15	EUR	FRPL
EUREX	Eurex	Equity	TT5F	Tieto Corporation FLEX	Fut	Electronic	0.2	EUR	FRPL				0.2	0.15	EUR	FRPL
EUREX	Eurex	Equity	TTEF	Tieto Corporation	Fut	Electronic	0.13	EUR	FRPL				0.13	0.15	EUR	FRPL
EUREX	Eurex	Equity	TTF4	Tatneft FLEX	Fut	Electronic	0.3	USD	FRPL				0.3	0.2	USD	FRPL
EUREX	Eurex	Equity	TTF5	Tatneft FLEX	Fut	Electronic	0.3	USD	FRPL				0.3	0.2	USD	FRPL
EUREX	Eurex	Equity	TTFF	Tatneft	Fut	Electronic	0.2	USD	FRPL				0.2	0.2	USD	FRPL
EUREX	Eurex	Equity	TU4F	TUI AG FLEX	Fut	Electronic	0.2	EUR	FRPL				0.2	0.15	EUR	FRPL
EUREX	Eurex	Equity	TU5F	TUI AG FLEX	Fut	Electronic	0.2	EUR	FRPL				0.2	0.15	EUR	FRPL
EUREX	Eurex	Equity	TUIF	TUI AG	Fut	Electronic	0.13	EUR	FRPL				0.13	0.15	EUR	FRPL
EUREX	Eurex	Equity	TUNF	TELUS Corp	Fut	Electronic	0.2	USD	FRPL				0.2	0.2	USD	FRPL
EUREX	Eurex	Equity	TV4F	TVN SA FLEX	Fut	Electronic	0.2	EUR	FRPL				0.2	0.15	EUR	FRPL
EUREX	Eurex	Equity	TVNF	TVN SA	Fut	Electronic	0.13	EUR	FRPL				0.13	0.15	EUR	FRPL
EUREX	Eurex	Equity	TW4F	Taylor Wimpey PLC FLEX	Fut	Electronic	0.15	GBP	FRPL				0.15	0.15	GBP	FRPL
EUREX	Eurex	Equity	TW5F	Taylor Wimpey PLC FLEX	Fut	Electronic	0.15	GBP	FRPL				0.15	0.15	GBP	FRPL
EUREX	Eurex	Equity	TWFF	Taylor Wimpey PLC	Fut	Electronic	0.1	GBP	FRPL				0.1	0.15	GBP	FRPL
EUREX	Eurex	Equity	TWX4	Time Warner Inc FLEX	Fut	Electronic	0.3	USD	FRPL				0.3	0.2	USD	FRPL
EUREX	Eurex	Equity	TWXF	Time Warner Inc	Fut	Electronic	0.2	USD	FRPL				0.2	0.2	USD	FRPL
EUREX	Eurex	Equity	TX4F	Texas Instruments Inc FLEX	Fut	Electronic	0.3	USD	FRPL				0.3	0.2	USD	FRPL
EUREX	Eurex	Equity	TXNF	Texas Instruments Inc	Fut	Electronic	0.2	USD	FRPL				0.2	0.2	USD	FRPL
EUREX	Eurex	Equity	TZ1F	Transalta Corporation	Fut	Electronic	0.2	USD	FRPL				0.2	0.2	USD	FRPL
EUREX	Eurex	Equity	TZ4F	Transalta Corporation FLEX	Fut	Electronic	0.3	USD	FRPL				0.3	0.2	USD	FRPL
EUREX	Eurex	Equity	U2BL	Unibail-Rodamco SE Dividend	Fut	Electronic	1.2	EUR	FRPL				1.2	0.15	EUR	FRPL
EUREX	Eurex	Equity	U2BS	UBS AG Dividend	Fut	Electronic	1.6	CHF	FRPL				1.6	0.2	CHF	FRPL
EUREX	Eurex	Equity	U2NI	Unilever N.V Dividend	Fut	Electronic	1.2	EUR	FRPL				1.2	0.15	EUR	FRPL
EUREX	Eurex	Equity	U4LG	Unibail-Rodamco SE FLEX	Fut	Electronic	0.2	EUR	FRPL				0.2	0.15	EUR	FRPL
EUREX	Eurex	Equity	U5LG	Unibail-Rodamco SE FLEX	Fut	Electronic	0.2	EUR	FRPL				0.2	0.15	EUR	FRPL
EUREX	Eurex	Equity	UB4F	UBM Realit AG FLEX	Fut	Electronic	0.2	EUR	FRPL				0.2	0.15	EUR	FRPL
EUREX	Eurex	Equity	UB4H	UBS AG FLEX	Fut	Electronic	0.3	CHF	FRPL				0.3	0.2	CHF	FRPL
EUREX	Eurex	Equity	UB5H	UBS AG FLEX	Fut	Electronic	0.3	CHF	FRPL				0.3	0.2	CHF	FRPL
EUREX	Eurex	Equity	UBLG	Unibail-Rodamco SE	Fut	Electronic	0.13	EUR	FRPL				0.13	0.15	EUR	FRPL
EUREX	Eurex	Equity	UBM4	UBM PLC FLEX	Fut	Electronic	0.15	GBP	FRPL				0.15	0.15	GBP	FRPL
EUREX	Eurex	Equity	UBM5	UBM PLC FLEX	Fut	Electronic	0.15	GBP	FRPL				0.15	0.15	GBP	FRPL
EUREX	Eurex	Equity	UBMF	UBM PLC	Fut	Electronic	0.1	GBP	FRPL				0.1	0.15	GBP	FRPL
EUREX	Eurex	Equity	UBRF	UBM Realit AG	Fut	Electronic	0.13	EUR	FRPL				0.13	0.15	EUR	FRPL
EUREX	Eurex	Equity	UBSH	UBS AG	Fut	Electronic	0.2	CHF	FRPL				0.2	0.2	CHF	FRPL
EUREX	Eurex	Equity	UE4F	Ubisoft Entertainment S.A FLEX	Fut	Electronic	0.2	EUR	FRPL				0.2	0.15	EUR	FRPL
EUREX	Eurex	Equity	UE5F	Ubisoft Entertainment S.A FLEX	Fut	Electronic	0.2	EUR	FRPL				0.2	0.15	EUR	FRPL
EUREX	Eurex	Equity	UEI4	Terna S.p.A FLEX	Fut	Electronic	0.2	EUR	FRPL				0.2	0.15	EUR	FRPL
EUREX	Eurex	Equity	UEI5	Terna S.p.A FLEX	Fut	Electronic	0.2	EUR	FRPL				0.2	0.15	EUR	FRPL
EUREX	Eurex	Equity	UEIF	Terna S.p.A	Fut	Electronic	0.13	EUR	FRPL				0.13	0.15	EUR	FRPL
EUREX	Eurex	Equity	UENF	Ubisoft Entertainment S.A	Fut	Electronic	0.13	EUR	FRPL				0.13	0.15	EUR	FRPL
EUREX	Eurex	Equity	UF4G	Ferrovial SA FLEX	Fut	Electronic	0.2	EUR	FRPL				0.2	0.15	EUR	FRPL
EUREX	Eurex	Equity	UFGG	Ferrovial SA	Fut	Electronic	0.13	EUR	FRPL				0.13	0.15	EUR	FRPL
EUREX	Eurex	Equity	UH4F	The Swatch Group AG FLEX	Fut	Electronic	0.3	CHF	FRPL				0.3	0.2	CHF	FRPL
EUREX	Eurex	Equity	UH5F	The Swatch Group AG FLEX	Fut	Electronic	0.3	CHF	FRPL				0.3	0.2	CHF	FRPL
EUREX	Eurex	Equity	UHFF	The Swatch Group AG	Fut	Electronic	0.2	CHF	FRPL				0.2	0.2	CHF	FRPL
EUREX	Eurex	Equity	UHR4	The Swatch Group AG FLEX	Fut	Electronic	0.3	CHF	FRPL				0.3	0.2	CHF	FRPL
EUREX	Eurex	Equity	UHR5	The Swatch Group AG FLEX	Fut	Electronic	0.3	CHF	FRPL				0.3	0.2	CHF	FRPL
EUREX	Eurex	Equity	UHRF	The Swatch Group AG	Fut	Electronic	0.2	CHF	FRPL				0.2	0.2	CHF	FRPL
EUREX	Eurex	Equity	UL4F	Unilever PLC FLEX	Fut	Electronic	0.15	GBP	FRPL				0.15	0.15	GBP	FRPL
EUREX	Eurex	Equity	UL5F	Unilever PLC FLEX	Fut	Electronic	0.15	GBP	FRPL				0.15	0.15	GBP	FRPL
EUREX	Eurex	Equity	ULVF	Unilever PLC	Fut	Electronic	0.1	GBP	FRPL				0.1	0.15	GBP	FRPL
EUREX	Eurex	Equity	UN4F	UCB S.A FLEX	Fut	Electronic	0.2	EUR	FRPL				0.2	0.15	EUR	FRPL
EUREX	Eurex	Equity	UN4G	Unipol Gruppo Finanziario S.p.A Azioni Priv FLEX	Fut	Electronic	0.2	EUR	FRPL				0.2	0.15	EUR	FRPL
EUREX	Eurex	Equity	UN4H	Unilever N.V FLEX	Fut	Electronic	0.2	EUR	FRPL				0.2	0.15	EUR	FRPL
EUREX	Eurex	Equity	UN5F	UCB S.A FLEX	Fut	Electronic	0.2	EUR	FRPL				0.2	0.15	EUR	FRPL
EUREX	Eurex	Equity	UN5H	Unilever N.V FLEX	Fut	Electronic	0.2	EUR	FRPL				0.2	0.15	EUR	FRPL

Exch Code	Exch Desc	Comm Group	Prod Code	Product Desc	F/O	Platform	Trd Fee	Trd Fee Cur	Trd Fee Meth	Clr Fee	Clr Fee Cur	Clr Fee Meth	Fee Total	Brk Fee	Brk Fee Cur	Brk Fee Meth
EUREX	Eurex	Equity	UN94	Uniqa Versicherungen AG FLEX	Fut	Electronic	0.2	EUR	FRPL				0.2	0.15	EUR	FRPL
EUREX	Eurex	Equity	UN95	Uniqa Versicherungen AG FLEX	Fut	Electronic	0.2	EUR	FRPL				0.2	0.15	EUR	FRPL
EUREX	Eurex	Equity	UN9F	Uniqa Versicherungen AG	Fut	Electronic	0.13	EUR	FRPL				0.13	0.15	EUR	FRPL
EUREX	Eurex	Equity	UNCF	UCB S.A	Fut	Electronic	0.13	EUR	FRPL				0.13	0.15	EUR	FRPL
EUREX	Eurex	Equity	UNFG	Unipol Gruppo Finanziario S.p.A Azioni Priv	Fut	Electronic	0.13	EUR	FRPL				0.13	0.15	EUR	FRPL
EUREX	Eurex	Equity	UNH4	UnitedHealth Group Inc FLEX	Fut	Electronic	0.3	USD	FRPL				0.3	0.2	USD	FRPL
EUREX	Eurex	Equity	UNHF	UnitedHealth Group Inc	Fut	Electronic	0.2	USD	FRPL				0.2	0.2	USD	FRPL
EUREX	Eurex	Equity	UNIH	Unilever N.V	Fut	Electronic	0.13	EUR	FRPL				0.13	0.15	EUR	FRPL
EUREX	Eurex	Equity	UNP4	Union Pacific Corp FLEX	Fut	Electronic	0.3	USD	FRPL				0.3	0.2	USD	FRPL
EUREX	Eurex	Equity	UNPF	Union Pacific Corp	Fut	Electronic	0.2	USD	FRPL				0.2	0.2	USD	FRPL
EUREX	Eurex	Equity	UP4F	United Parcel Service Inc FLEX	Fut	Electronic	0.3	USD	FRPL				0.3	0.2	USD	FRPL
EUREX	Eurex	Equity	UPSF	United Parcel Service Inc	Fut	Electronic	0.2	USD	FRPL				0.2	0.2	USD	FRPL
EUREX	Eurex	Equity	UQ4F	USG People N.V FLEX	Fut	Electronic	0.2	EUR	FRPL				0.2	0.15	EUR	FRPL
EUREX	Eurex	Equity	UQ5F	USG People N.V FLEX	Fut	Electronic	0.2	EUR	FRPL				0.2	0.15	EUR	FRPL
EUREX	Eurex	Equity	UQUF	USG People N.V	Fut	Electronic	0.13	EUR	FRPL				0.13	0.15	EUR	FRPL
EUREX	Eurex	Equity	US4F	U.S. Bancorp FLEX	Fut	Electronic	0.3	USD	FRPL				0.3	0.2	USD	FRPL
EUREX	Eurex	Equity	USBF	U.S. Bancorp	Fut	Electronic	0.2	USD	FRPL				0.2	0.2	USD	FRPL
EUREX	Eurex	Equity	UT4F	United Technologies Corp FLEX	Fut	Electronic	0.3	USD	FRPL				0.3	0.2	USD	FRPL
EUREX	Eurex	Equity	UT4G	United Internet AG FLEX	Fut	Electronic	0.2	EUR	FRPL				0.2	0.15	EUR	FRPL
EUREX	Eurex	Equity	UT5G	United Internet AG FLEX	Fut	Electronic	0.2	EUR	FRPL				0.2	0.15	EUR	FRPL
EUREX	Eurex	Equity	UTDG	United Internet AG	Fut	Electronic	0.13	EUR	FRPL				0.13	0.15	EUR	FRPL
EUREX	Eurex	Equity	UTXF	United Technologies Corp	Fut	Electronic	0.2	USD	FRPL				0.2	0.2	USD	FRPL
EUREX	Eurex	Equity	UU4F	United Utilities PLC FLEX	Fut	Electronic	0.15	GBP	FRPL				0.15	0.15	GBP	FRPL
EUREX	Eurex	Equity	UU5F	United Utilities PLC FLEX	Fut	Electronic	0.15	GBP	FRPL				0.15	0.15	GBP	FRPL
EUREX	Eurex	Equity	UUFF	United Utilities PLC	Fut	Electronic	0.1	GBP	FRPL				0.1	0.15	GBP	FRPL
EUREX	Eurex	Equity	V14F	Arkema S.A FLEX	Fut	Electronic	0.2	EUR	FRPL				0.2	0.15	EUR	FRPL
EUREX	Eurex	Equity	V15F	Arkema S.A FLEX	Fut	Electronic	0.2	EUR	FRPL				0.2	0.15	EUR	FRPL
EUREX	Eurex	Equity	V1SF	Arkema S.A	Fut	Electronic	0.13	EUR	FRPL				0.13	0.15	EUR	FRPL
EUREX	Eurex	Equity	V2O	Vodafone Group PLC Dividend	Fut	Electronic	0.3	GBP	FRPL				0.3	0.15	GBP	FRPL
EUREX	Eurex	Equity	V2VU	Vivendi S.A Dividend	Fut	Electronic	1.2	EUR	FRPL				1.2	0.15	EUR	FRPL
EUREX	Eurex	Equity	V2W3	VW AG Pref Dividend	Fut	Electronic	1.2	EUR	FRPL				1.2	0.15	EUR	FRPL
EUREX	Eurex	Equity	V3O	Vodafone Group PLC Dividend	Fut	Electronic	0.3	GBP	FRPL				0.3	0.15	GBP	FRPL
EUREX	Eurex	Equity	V3VU	Vivendi SA Dividend	Fut	Electronic	1.2	EUR	FRPL				1.2	0.15	EUR	FRPL
EUREX	Eurex	Equity	V44F	Vale SA FLEX	Fut	Electronic	0.3	USD	FRPL				0.3	0.2	USD	FRPL
EUREX	Eurex	Equity	V4CF	Viscofan S.A. FLEX	Fut	Electronic	0.2	EUR	FRPL				0.2	0.15	EUR	FRPL
EUREX	Eurex	Equity	V4DG	Vodafone Group PLC FLEX	Fut	Electronic	0.15	GBP	FRPL				0.15	0.15	GBP	FRPL
EUREX	Eurex	Equity	V4LF	Vale SA	Fut	Electronic	0.2	USD	FRPL				0.2	0.2	USD	FRPL
EUREX	Eurex	Equity	V4SF	Bureau Veritas S.A FLEX	Fut	Electronic	0.2	EUR	FRPL				0.2	0.15	EUR	FRPL
EUREX	Eurex	Equity	V4SG	Voestalpine AG FLEX	Fut	Electronic	0.2	EUR	FRPL				0.2	0.15	EUR	FRPL
EUREX	Eurex	Equity	V4UG	Vivendi SA FLEX	Fut	Electronic	0.2	EUR	FRPL				0.2	0.15	EUR	FRPL
EUREX	Eurex	Equity	V4WG	VW AG FLEX	Fut	Electronic	0.2	EUR	FRPL				0.2	0.15	EUR	FRPL
EUREX	Eurex	Equity	V5DG	Vodafone Group PLC FLEX	Fut	Electronic	0.15	GBP	FRPL				0.15	0.15	GBP	FRPL
EUREX	Eurex	Equity	V5SF	Bureau Veritas S.A FLEX	Fut	Electronic	0.2	EUR	FRPL				0.2	0.15	EUR	FRPL
EUREX	Eurex	Equity	V5SG	Voestalpine AG FLEX	Fut	Electronic	0.2	EUR	FRPL				0.2	0.15	EUR	FRPL
EUREX	Eurex	Equity	V5UG	Vivendi SA FLEX	Fut	Electronic	0.2	EUR	FRPL				0.2	0.15	EUR	FRPL
EUREX	Eurex	Equity	V5WG	VW AG FLEX	Fut	Electronic	0.2	EUR	FRPL				0.2	0.15	EUR	FRPL
EUREX	Eurex	Equity	VA4F	Validus Holdings Ltd FLEX	Fut	Electronic	0.3	USD	FRPL				0.3	0.2	USD	FRPL
EUREX	Eurex	Equity	VA4H	Vallourec S.A FLEX	Fut	Electronic	0.2	EUR	FRPL				0.2	0.15	EUR	FRPL
EUREX	Eurex	Equity	VA5H	Vallourec S.A FLEX	Fut	Electronic	0.2	EUR	FRPL				0.2	0.15	EUR	FRPL
EUREX	Eurex	Equity	VACH	Vallourec S.A	Fut	Electronic	0.13	EUR	FRPL				0.13	0.15	EUR	FRPL
EUREX	Eurex	Equity	VALF	Validus Holdings Ltd	Fut	Electronic	0.2	USD	FRPL				0.2	0.2	USD	FRPL
EUREX	Eurex	Equity	VASG	Voestalpine AG	Fut	Electronic	0.13	EUR	FRPL				0.13	0.15	EUR	FRPL
EUREX	Eurex	Equity	VAT4	Valiant Holding AG FLEX	Fut	Electronic	0.3	CHF	FRPL				0.3	0.2	CHF	FRPL
EUREX	Eurex	Equity	VAT5	Valiant Holding AG FLEX	Fut	Electronic	0.3	CHF	FRPL				0.3	0.2	CHF	FRPL
EUREX	Eurex	Equity	VATF	Valiant Holding AG	Fut	Electronic	0.2	CHF	FRPL				0.2	0.2	CHF	FRPL
EUREX	Eurex	Equity	VC4F	Charles Voegele H AG FLEX	Fut	Electronic	0.3	CHF	FRPL				0.3	0.2	CHF	FRPL
EUREX	Eurex	Equity	VC5F	Charles Voegele H AG FLEX	Fut	Electronic	0.3	CHF	FRPL				0.3	0.2	CHF	FRPL
EUREX	Eurex	Equity	VCIF	Viscofan S.A.	Fut	Electronic	0.13	EUR	FRPL				0.13	0.15	EUR	FRPL
EUREX	Eurex	Equity	VCNF	Charles Voegele H AG	Fut	Electronic	0.2	CHF	FRPL				0.2	0.2	CHF	FRPL

Exch Code	Exch Desc	Comm Group	Prod Code	Product Desc	F/O	Platform	Trd Fee	Trd Fee Cur	Trd Fee Meth	Clr Fee	Clr Fee Cur	Clr Fee Meth	Fee Total	Brk Fee	Brk Fee Cur	Brk Fee Meth
EUREX	Eurex	Equity	VE4F	Verbund AG FLEX	Fut	Electronic	0.2	EUR	FRPL				0.2	0.15	EUR	FRPL
EUREX	Eurex	Equity	VE5F	Verbund AG FLEX	Fut	Electronic	0.2	EUR	FRPL				0.2	0.15	EUR	FRPL
EUREX	Eurex	Equity	VERF	Verbund AG	Fut	Electronic	0.13	EUR	FRPL				0.13	0.15	EUR	FRPL
EUREX	Eurex	Equity	VG4F	Gildan Activewear Inc FLEX	Fut	Electronic	0.3	USD	FRPL				0.3	0.2	USD	FRPL
EUREX	Eurex	Equity	VGAF	Gildan Activewear Inc	Fut	Electronic	0.2	USD	FRPL				0.2	0.2	USD	FRPL
EUREX	Eurex	Equity	VH4G	Sacyr Vallehermoso S.A FLEX	Fut	Electronic	0.2	EUR	FRPL				0.2	0.15	EUR	FRPL
EUREX	Eurex	Equity	VHMG	Sacyr Vallehermoso S.A	Fut	Electronic	0.13	EUR	FRPL				0.13	0.15	EUR	FRPL
EUREX	Eurex	Equity	VI4F	VISA Inc FLEX	Fut	Electronic	0.3	USD	FRPL				0.3	0.2	USD	FRPL
EUREX	Eurex	Equity	VISF	VISA Inc	Fut	Electronic	0.2	USD	FRPL				0.2	0.2	USD	FRPL
EUREX	Eurex	Equity	VK4F	Vorarlberger Kraftwerke AG FLEX	Fut	Electronic	0.2	EUR	FRPL				0.2	0.15	EUR	FRPL
EUREX	Eurex	Equity	VK5F	Vorarlberger Kraftwerke AG FLEX	Fut	Electronic	0.2	EUR	FRPL				0.2	0.15	EUR	FRPL
EUREX	Eurex	Equity	VKWF	Vorarlberger Kraftwerke AG	Fut	Electronic	0.13	EUR	FRPL				0.13	0.15	EUR	FRPL
EUREX	Eurex	Equity	VL4F	Valero Energy Corporation FLEX	Fut	Electronic	0.3	USD	FRPL				0.3	0.2	USD	FRPL
EUREX	Eurex	Equity	VL4H	Metso Corp FLEX	Fut	Electronic	0.2	EUR	FRPL				0.2	0.15	EUR	FRPL
EUREX	Eurex	Equity	VL5H	Metso Corp FLEX	Fut	Electronic	0.2	EUR	FRPL				0.2	0.15	EUR	FRPL
EUREX	Eurex	Equity	VLMH	Metso Corp	Fut	Electronic	0.13	EUR	FRPL				0.13	0.15	EUR	FRPL
EUREX	Eurex	Equity	VLOF	Valero Energy Corporation	Fut	Electronic	0.2	USD	FRPL				0.2	0.2	USD	FRPL
EUREX	Eurex	Equity	VO3G	VW AG Pref	Fut	Electronic	0.13	EUR	FRPL				0.13	0.15	EUR	FRPL
EUREX	Eurex	Equity	VO4G	VW AG Pref FLEX	Fut	Electronic	0.2	EUR	FRPL				0.2	0.15	EUR	FRPL
EUREX	Eurex	Equity	VO5G	VW AG Pref FLEX	Fut	Electronic	0.2	EUR	FRPL				0.2	0.15	EUR	FRPL
EUREX	Eurex	Equity	VODG	Vodafone Group PLC	Fut	Electronic	0.1	GBP	FRPL				0.1	0.15	GBP	FRPL
EUREX	Eurex	Equity	VOLF	AB Volvo B	Fut	Electronic	0.13	EUR	FRPL				0.13	0.15	EUR	FRPL
EUREX	Eurex	Equity	VOS4	Vossloh AG FLEX	Fut	Electronic	0.2	EUR	FRPL				0.2	0.15	EUR	FRPL
EUREX	Eurex	Equity	VOS5	Vossloh AG FLEX	Fut	Electronic	0.2	EUR	FRPL				0.2	0.15	EUR	FRPL
EUREX	Eurex	Equity	VOSF	Vossloh AG	Fut	Electronic	0.13	EUR	FRPL				0.13	0.15	EUR	FRPL
EUREX	Eurex	Equity	VOWG	VW AG	Fut	Electronic	0.13	EUR	FRPL				0.13	0.15	EUR	FRPL
EUREX	Eurex	Equity	VP4F	Koninklijke Vopak N.V FLEX	Fut	Electronic	0.2	EUR	FRPL				0.2	0.15	EUR	FRPL
EUREX	Eurex	Equity	VP5F	Koninklijke Vopak N.V FLEX	Fut	Electronic	0.2	EUR	FRPL				0.2	0.15	EUR	FRPL
EUREX	Eurex	Equity	VPKF	Koninklijke Vopak N.V	Fut	Electronic	0.13	EUR	FRPL				0.13	0.15	EUR	FRPL
EUREX	Eurex	Equity	VR4F	Vedanta Resources PLC FLEX	Fut	Electronic	0.15	GBP	FRPL				0.15	0.15	GBP	FRPL
EUREX	Eurex	Equity	VR5F	Vedanta Resources PLC FLEX	Fut	Electronic	0.15	GBP	FRPL				0.15	0.15	GBP	FRPL
EUREX	Eurex	Equity	VR9F	Vedanta Resources PLC	Fut	Electronic	0.1	GBP	FRPL				0.1	0.15	GBP	FRPL
EUREX	Eurex	Equity	VS4F	Valeo S.A FLEX	Fut	Electronic	0.2	EUR	FRPL				0.2	0.15	EUR	FRPL
EUREX	Eurex	Equity	VS5F	Valeo S.A FLEX	Fut	Electronic	0.2	EUR	FRPL				0.2	0.15	EUR	FRPL
EUREX	Eurex	Equity	VSAF	Valeo S.A	Fut	Electronic	0.13	EUR	FRPL				0.13	0.15	EUR	FRPL
EUREX	Eurex	Equity	VT4F	VTB Bank OJSC FLEX	Fut	Electronic	0.3	USD	FRPL				0.3	0.2	USD	FRPL
EUREX	Eurex	Equity	VTBF	VTB Bank OJSC	Fut	Electronic	0.2	USD	FRPL				0.2	0.2	USD	FRPL
EUREX	Eurex	Equity	VTSF	Bureau Veritas S.A	Fut	Electronic	0.13	EUR	FRPL				0.13	0.15	EUR	FRPL
EUREX	Eurex	Equity	VV4G	Veolia Environnement S.A FLEX	Fut	Electronic	0.2	EUR	FRPL				0.2	0.15	EUR	FRPL
EUREX	Eurex	Equity	VV5G	Veolia Environnement S.A FLEX	Fut	Electronic	0.2	EUR	FRPL				0.2	0.15	EUR	FRPL
EUREX	Eurex	Equity	VVDG	Veolia Environnement S.A	Fut	Electronic	0.13	EUR	FRPL				0.13	0.15	EUR	FRPL
EUREX	Eurex	Equity	VVUG	Vivendi SA	Fut	Electronic	0.13	EUR	FRPL				0.13	0.15	EUR	FRPL
EUREX	Eurex	Equity	VZ4F	Verizon Communications Inc FLEX	Fut	Electronic	0.3	USD	FRPL				0.3	0.2	USD	FRPL
EUREX	Eurex	Equity	VZFF	Verizon Communications Inc	Fut	Electronic	0.2	USD	FRPL				0.2	0.2	USD	FRPL
EUREX	Eurex	Equity	W74F	Aeroports de Paris FLEX	Fut	Electronic	0.2	EUR	FRPL				0.2	0.15	EUR	FRPL
EUREX	Eurex	Equity	W7LF	Aeroports de Paris	Fut	Electronic	0.13	EUR	FRPL				0.13	0.15	EUR	FRPL
EUREX	Eurex	Equity	WA4F	Walgreen Co FLEX	Fut	Electronic	0.3	USD	FRPL				0.3	0.2	USD	FRPL
EUREX	Eurex	Equity	WAGF	Walgreen Co	Fut	Electronic	0.2	USD	FRPL				0.2	0.2	USD	FRPL
EUREX	Eurex	Equity	WC4F	Wacker Chemie AG FLEX	Fut	Electronic	0.2	EUR	FRPL				0.2	0.15	EUR	FRPL
EUREX	Eurex	Equity	WC5F	Wacker Chemie AG FLEX	Fut	Electronic	0.2	EUR	FRPL				0.2	0.15	EUR	FRPL
EUREX	Eurex	Equity	WCHF	Wacker Chemie AG	Fut	Electronic	0.13	EUR	FRPL				0.13	0.15	EUR	FRPL
EUREX	Eurex	Equity	WD4F	Wirecard AG FLEX	Fut	Electronic	0.2	EUR	FRPL				0.2	0.15	EUR	FRPL
EUREX	Eurex	Equity	WD5F	Wirecard AG FLEX	Fut	Electronic	0.2	EUR	FRPL				0.2	0.15	EUR	FRPL
EUREX	Eurex	Equity	WDIF	Wirecard AG	Fut	Electronic	0.13	EUR	FRPL				0.13	0.15	EUR	FRPL
EUREX	Eurex	Equity	WE4G	Wereldhave N.V FLEX	Fut	Electronic	0.2	EUR	FRPL				0.2	0.15	EUR	FRPL
EUREX	Eurex	Equity	WE5G	Wereldhave N.V FLEX	Fut	Electronic	0.2	EUR	FRPL				0.2	0.15	EUR	FRPL
EUREX	Eurex	Equity	WERG	Wereldhave N.V	Fut	Electronic	0.13	EUR	FRPL				0.13	0.15	EUR	FRPL
EUREX	Eurex	Equity	WF4F	Wells Fargo & Co FLEX	Fut	Electronic	0.3	USD	FRPL				0.3	0.2	USD	FRPL
EUREX	Eurex	Equity	WFCF	Wells Fargo & Co	Fut	Electronic	0.2	USD	FRPL				0.2	0.2	USD	FRPL

Exch Code	Exch Desc	Comm Group	Prod Code	Product Desc	F/O	Platform	Trd Fee	Trd Fee Cur	Trd Fee Meth	Clr Fee	Clr Fee Cur	Clr Fee Meth	Fee Total	Brk Fee	Brk Fee Cur	Brk Fee Meth
EUREX	Eurex	Equity	WI4H	Wincor Nixdorf AG FLEX	Fut	Electronic	0.2	EUR	FRPL				0.2	0.15	EUR	FRPL
EUREX	Eurex	Equity	WI5H	Wincor Nixdorf AG FLEX	Fut	Electronic	0.2	EUR	FRPL				0.2	0.15	EUR	FRPL
EUREX	Eurex	Equity	WIB4	Wienerberger AG FLEX	Fut	Electronic	0.2	EUR	FRPL				0.2	0.15	EUR	FRPL
EUREX	Eurex	Equity	WIB5	Wienerberger AG FLEX	Fut	Electronic	0.2	EUR	FRPL				0.2	0.15	EUR	FRPL
EUREX	Eurex	Equity	WIBG	Wienerberger AG	Fut	Electronic	0.13	EUR	FRPL				0.13	0.15	EUR	FRPL
EUREX	Eurex	Equity	WINH	Wincor Nixdorf AG	Fut	Electronic	0.13	EUR	FRPL				0.13	0.15	EUR	FRPL
EUREX	Eurex	Equity	WL4F	Wolseley PLC FLEX	Fut	Electronic	0.15	GBP	FRPL				0.15	0.15	GBP	FRPL
EUREX	Eurex	Equity	WL4G	Wolseley PLC FLEX	Fut	Electronic	0.15	GBP	FRPL				0.15	0.15	GBP	FRPL
EUREX	Eurex	Equity	WL5F	Wolseley PLC FLEX	Fut	Electronic	0.15	GBP	FRPL				0.15	0.15	GBP	FRPL
EUREX	Eurex	Equity	WL5G	Wolseley PLC FLEX	Fut	Electronic	0.15	GBP	FRPL				0.15	0.15	GBP	FRPL
EUREX	Eurex	Equity	WLP4	Wellpoint Inc FLEX	Fut	Electronic	0.3	USD	FRPL				0.3	0.2	USD	FRPL
EUREX	Eurex	Equity	WLPF	Wellpoint Inc	Fut	Electronic	0.2	USD	FRPL				0.2	0.2	USD	FRPL
EUREX	Eurex	Equity	WLYF	Wolseley PLC	Fut	Electronic	0.1	GBP	FRPL				0.1	0.15	GBP	FRPL
EUREX	Eurex	Equity	WLYG	Wolseley PLC	Fut	Electronic	0.1	GBP	FRPL				0.1	0.15	GBP	FRPL
EUREX	Eurex	Equity	WM4F	William Hill PLC FLEX	Fut	Electronic	0.15	GBP	FRPL				0.15	0.15	GBP	FRPL
EUREX	Eurex	Equity	WM5F	William Hill PLC FLEX	Fut	Electronic	0.15	GBP	FRPL				0.15	0.15	GBP	FRPL
EUREX	Eurex	Equity	WMHF	William Hill PLC	Fut	Electronic	0.1	GBP	FRPL				0.1	0.15	GBP	FRPL
EUREX	Eurex	Equity	WMT4	Wal-Mart Stores Inc FLEX	Fut	Electronic	0.3	USD	FRPL				0.3	0.2	USD	FRPL
EUREX	Eurex	Equity	WMTF	Wal-Mart Stores Inc	Fut	Electronic	0.2	USD	FRPL				0.2	0.2	USD	FRPL
EUREX	Eurex	Equity	WO4F	Wolters Kluwer N.V FLEX	Fut	Electronic	0.2	EUR	FRPL				0.2	0.15	EUR	FRPL
EUREX	Eurex	Equity	WO5F	Wolters Kluwer N.V FLEX	Fut	Electronic	0.2	EUR	FRPL				0.2	0.15	EUR	FRPL
EUREX	Eurex	Equity	WOSF	Wolters Kluwer N.V	Fut	Electronic	0.13	EUR	FRPL				0.13	0.15	EUR	FRPL
EUREX	Eurex	Equity	WP4F	WPP Group PLC FLEX	Fut	Electronic	0.15	GBP	FRPL				0.15	0.15	GBP	FRPL
EUREX	Eurex	Equity	WP5F	WPP Group PLC FLEX	Fut	Electronic	0.15	GBP	FRPL				0.15	0.15	GBP	FRPL
EUREX	Eurex	Equity	WPPF	WPP Group PLC	Fut	Electronic	0.1	GBP	FRPL				0.1	0.15	GBP	FRPL
EUREX	Eurex	Equity	WS4G	Vienna Insurance Group AG Wiener Versicherung Gruppe FLEX	Fut	Electronic	0.2	EUR	FRPL				0.2	0.15	EUR	FRPL
EUREX	Eurex	Equity	WS5G	Vienna Insurance Group AG Wiener Versicherung Gruppe FLEX	Fut	Electronic	0.2	EUR	FRPL				0.2	0.15	EUR	FRPL
EUREX	Eurex	Equity	WSTG	Vienna Insurance Group AG Wiener Versicherung Gruppe	Fut	Electronic	0.13	EUR	FRPL				0.13	0.15	EUR	FRPL
EUREX	Eurex	Equity	WT4F	Whitbread PLC FLEX	Fut	Electronic	0.15	GBP	FRPL				0.15	0.15	GBP	FRPL
EUREX	Eurex	Equity	WT5F	Whitbread PLC FLEX	Fut	Electronic	0.15	GBP	FRPL				0.15	0.15	GBP	FRPL
EUREX	Eurex	Equity	WTBF	Whitbread PLC	Fut	Electronic	0.1	GBP	FRPL				0.1	0.15	GBP	FRPL
EUREX	Eurex	Equity	WYN4	Wynn Resorts Ltd FLEX	Fut	Electronic	0.3	USD	FRPL				0.3	0.2	USD	FRPL
EUREX	Eurex	Equity	WYNF	Wynn Resorts Ltd	Fut	Electronic	0.2	USD	FRPL				0.2	0.2	USD	FRPL
EUREX	Eurex	Equity	X2CA	Credit Agricole S.A Dividend	Fut	Electronic	1.2	EUR	FRPL				1.2	0.15	EUR	FRPL
EUREX	Eurex	Equity	XC4F	Exco Resources Inc FLEX	Fut	Electronic	0.3	USD	FRPL				0.3	0.2	USD	FRPL
EUREX	Eurex	Equity	XC4H	Credit Agricole S.A FLEX	Fut	Electronic	0.2	EUR	FRPL				0.2	0.15	EUR	FRPL
EUREX	Eurex	Equity	XC5H	Credit Agricole S.A FLEX	Fut	Electronic	0.2	EUR	FRPL				0.2	0.15	EUR	FRPL
EUREX	Eurex	Equity	XCAH	Credit Agricole S.A	Fut	Electronic	0.13	EUR	FRPL				0.13	0.15	EUR	FRPL
EUREX	Eurex	Equity	XCOF	Exco Resources Inc	Fut	Electronic	0.2	USD	FRPL				0.2	0.2	USD	FRPL
EUREX	Eurex	Equity	XI4F	Xilinx Inc FLEX	Fut	Electronic	0.3	USD	FRPL				0.3	0.2	USD	FRPL
EUREX	Eurex	Equity	XIXF	Xilinx Inc	Fut	Electronic	0.2	USD	FRPL				0.2	0.2	USD	FRPL
EUREX	Eurex	Index	XM4F	CS ETF (CH) on SMI FLEX	Fut	Electronic	0.7	CHF	FRPL				0.7	0.2	CHF	FRPL
EUREX	Eurex	Index	XM5F	CS ETF (CH) on SMI FLEX	Fut	Electronic	0.7	CHF	FRPL				0.7	0.2	CHF	FRPL
EUREX	Eurex	Index	XMT	CS ETF (CH) on SMI	Opt	Electronic	0.5	CHF	FRPL				0.5	0.2	CHF	FRPL
EUREX	Eurex	Index	XMT6	CS ETF (CH) on SMI EFLEX	Opt	Electronic	0.7	CHF	FRPL				0.7	0.2	CHF	FRPL
EUREX	Eurex	Index	XMT7	CS ETF (CH) on SMI EFLEX	Opt	Electronic	0.7	CHF	FRPL				0.7	0.2	CHF	FRPL
EUREX	Eurex	Index	XMT8	CS ETF (CH) on SMI AFLEX	Opt	Electronic	0.7	CHF	FRPL				0.7	0.2	CHF	FRPL
EUREX	Eurex	Index	XMT9	CS ETF (CH) on SMI AFLEX	Opt	Electronic	0.7	CHF	FRPL				0.7	0.2	CHF	FRPL
EUREX	Eurex	Index	XMTF	CS ETF (CH) on SMI	Fut	Electronic	0.5	CHF	FRPL				0.5	0.2	CHF	FRPL
EUREX	Eurex	Equity	XN4F	CNP Assurances S.A FLEX	Fut	Electronic	0.2	EUR	FRPL				0.2	0.15	EUR	FRPL
EUREX	Eurex	Equity	XN5F	CNP Assurances S.A FLEX	Fut	Electronic	0.2	EUR	FRPL				0.2	0.15	EUR	FRPL
EUREX	Eurex	Equity	XNPF	CNP Assurances S.A	Fut	Electronic	0.13	EUR	FRPL				0.13	0.15	EUR	FRPL
EUREX	Eurex	Equity	XO4F	Exxon Mobil Corp FLEX	Fut	Electronic	0.3	USD	FRPL				0.3	0.2	USD	FRPL
EUREX	Eurex	Equity	XOMF	Exxon Mobil Corp	Fut	Electronic	0.2	USD	FRPL				0.2	0.2	USD	FRPL
EUREX	Eurex	Equity	XT4G	Xstrata PLC FLEX	Fut	Electronic	0.15	GBP	FRPL				0.15	0.15	GBP	FRPL
EUREX	Eurex	Equity	XT5G	Xstrata PLC FLEX	Fut	Electronic	0.15	GBP	FRPL				0.15	0.15	GBP	FRPL
EUREX	Eurex	Equity	XTAG	Xstrata PLC	Fut	Electronic	0.1	GBP	FRPL				0.1	0.15	GBP	FRPL

Exch Code	Exch Desc	Comm Group	Prod Code	Product Desc	F/O	Platform	Trd Fee	Trd Fee Cur	Trd Fee Meth	Clr Fee	Clr Fee Cur	Clr Fee Meth	Fee Total	Brk Fee	Brk Fee Cur	Brk Fee Meth
EUREX	Eurex	Equity	YE4F	hibu PLC FLEX	Fut	Electronic	0.15	GBP	FRPL				0.15	0.15	GBP	FRPL
EUREX	Eurex	Equity	YE5F	hibu PLC FLEX	Fut	Electronic	0.15	GBP	FRPL				0.15	0.15	GBP	FRPL
EUREX	Eurex	Equity	YELF	hibu PLC	Fut	Electronic	0.1	GBP	FRPL				0.1	0.15	GBP	FRPL
EUREX	Eurex	Equity	YH4F	Yahoo! Inc FLEX	Fut	Electronic	0.3	USD	FRPL				0.3	0.2	USD	FRPL
EUREX	Eurex	Equity	YHOF	Yahoo! Inc	Fut	Electronic	0.2	USD	FRPL				0.2	0.2	USD	FRPL
EUREX	Eurex	Equity	YI4F	YIT Ojy FLEX	Fut	Electronic	0.2	EUR	FRPL				0.2	0.15	EUR	FRPL
EUREX	Eurex	Equity	YI5F	YIT Ojy FLEX	Fut	Electronic	0.2	EUR	FRPL				0.2	0.15	EUR	FRPL
EUREX	Eurex	Equity	YITF	YIT Ojy	Fut	Electronic	0.13	EUR	FRPL				0.13	0.15	EUR	FRPL
EUREX	Eurex	Equity	YT2F	Antena 3 de Television S.A	Fut	Electronic	0.13	EUR	FRPL				0.13	0.15	EUR	FRPL
EUREX	Eurex	Equity	YT4F	Antena 3 de Television S.A FLEX	Fut	Electronic	0.2	EUR	FRPL				0.2	0.15	EUR	FRPL
EUREX	Eurex	Equity	YU4F	Yum! Brands Inc FLEX	Fut	Electronic	0.3	USD	FRPL				0.3	0.2	USD	FRPL
EUREX	Eurex	Equity	YUMF	Yum! Brands Inc	Fut	Electronic	0.2	USD	FRPL				0.2	0.2	USD	FRPL
EUREX	Eurex	Equity	Z2UR	Zurich Insurance Group AG Dividend	Fut	Electronic	1.6	CHF	FRPL				1.6	0.2	CHF	FRPL
EUREX	Eurex	Equity	Z4CG	Zodiac S.A FLEX	Fut	Electronic	0.2	EUR	FRPL				0.2	0.15	EUR	FRPL
EUREX	Eurex	Equity	Z4LF	Zipcar Inc FLEX	Fut	Electronic	0.3	USD	FRPL				0.3	0.2	USD	FRPL
EUREX	Eurex	Equity	Z5CG	Zodiac S.A FLEX	Fut	Electronic	0.2	EUR	FRPL				0.2	0.15	EUR	FRPL
EUREX	Eurex	Equity	ZA4F	Zumtobel AG FLEX	Fut	Electronic	0.2	EUR	FRPL				0.2	0.15	EUR	FRPL
EUREX	Eurex	Equity	ZA5F	Zumtobel AG FLEX	Fut	Electronic	0.2	EUR	FRPL				0.2	0.15	EUR	FRPL
EUREX	Eurex	Equity	ZAGF	Zumtobel AG	Fut	Electronic	0.13	EUR	FRPL				0.13	0.15	EUR	FRPL
EUREX	Eurex	Equity	ZD4H	Zardoyaotis FLEX	Fut	Electronic	0.2	EUR	FRPL				0.2	0.15	EUR	FRPL
EUREX	Eurex	Equity	ZDCG	Zodiac S.A	Fut	Electronic	0.13	EUR	FRPL				0.13	0.15	EUR	FRPL
EUREX	Eurex	Equity	ZDOH	Zardoyaotis	Fut	Electronic	0.13	EUR	FRPL				0.13	0.15	EUR	FRPL
EUREX	Eurex	Equity	ZI4G	ElringKlinger AG FLEX	Fut	Electronic	0.2	EUR	FRPL				0.2	0.15	EUR	FRPL
EUREX	Eurex	Equity	ZI5G	ElringKlinger AG FLEX	Fut	Electronic	0.2	EUR	FRPL				0.2	0.15	EUR	FRPL
EUREX	Eurex	Equity	ZILG	ElringKlinger AG	Fut	Electronic	0.13	EUR	FRPL				0.13	0.15	EUR	FRPL
EUREX	Eurex	Equity	ZIPF	Zipcar Inc	Fut	Electronic	0.2	USD	FRPL				0.2	0.2	USD	FRPL
EUREX	Eurex	Equity	ZUR4	Zurich Insurance Group AG FLEX	Fut	Electronic	0.3	CHF	FRPL				0.3	0.2	CHF	FRPL
EUREX	Eurex	Equity	ZUR5	Zurich Insurance Group AG FLEX	Fut	Electronic	0.3	CHF	FRPL				0.3	0.2	CHF	FRPL
EUREX	Eurex	Equity	ZURF	Zurich Insurance Group AG	Fut	Electronic	0.2	CHF	FRPL				0.2	0.2	CHF	FRPL
HKEX	Hong Kong Exchange	Equity		Group: HKEX46 (AIA Group Limited)	Opt	Electronic	3	HKD	FRPL				3	18.5	HKD	FRPL
HKEX	Hong Kong Exchange	Index	2822	CSOP FTSE China A50 ETF	Opt	Electronic	3	HKD	FRPL				3	18.5	HKD	FRPL
HKEX	Hong Kong Exchange	Index	3188	ChinaAMC SSI 300 Index ETF	Opt	Electronic	3	HKD	FRPL				3	18.5	HKD	FRPL
HKEX	Hong Kong Exchange	Index	A50	iShares FTSE/Xinhua A50 China Index ETF	Opt	Electronic	3	HKD	FRPL				3	18.5	HKD	FRPL
HKEX	Hong Kong Exchange	Equity	ALC	Aluminum Corporation of China Limited	Fut	Electronic	3.62	HKD	FRPL				3.62	18.5	HKD	FRPL
HKEX	Hong Kong Exchange	Equity	BCA	Bank of Communications Co Ltd Adj	Fut	Electronic	3.62	HKD	FRPL				3.62	18.5	HKD	FRPL
HKEX	Hong Kong Exchange	Equity	BCL	Bank of China Limited	Fut	Electronic	3.62	HKD	FRPL				3.62	18.5	HKD	FRPL
HKEX	Hong Kong Exchange	Equity	BCM	Bank of Communications Co Ltd	Fut	Electronic	3.62	HKD	FRPL				3.62	18.5	HKD	FRPL
HKEX	Hong Kong Exchange	Equity	BEA	The Bank of East Asia Limited	Fut	Electronic	3.62	HKD	FRPL				3.62	18.5	HKD	FRPL
HKEX	Hong Kong Exchange	Equity	BOC	BOC Hong Kong (Holdings) Limited	Fut	Electronic	3.62	HKD	FRPL				3.62	18.5	HKD	FRPL
HKEX	Hong Kong Exchange	Index	BOV	IBOVESPA Index	Fut	Electronic	10.6	HKD	FRPL				10.6	18.5	HKD	FRPL
HKEX	Hong Kong Exchange	Index	BSC	Sensex Index	Fut	Electronic	5.6	HKD	FRPL				5.6	18.5	HKD	FRPL
HKEX	Hong Kong Exchange	Equity	CCB	China Construction Bank Corporation	Fut	Electronic	3.62	HKD	FRPL				3.62	18.5	HKD	FRPL
HKEX	Hong Kong Exchange	Equity	CCC	China Communications Construction Company Limited	Fut	Electronic	3.62	HKD	FRPL				3.62	18.5	HKD	FRPL
HKEX	Hong Kong Exchange	Equity	CHT	China Mobile Limited	Fut	Electronic	3.62	HKD	FRPL				3.62	18.5	HKD	FRPL
HKEX	Hong Kong Exchange	Equity	CHU	China Unicom (Hong Kong) Limited	Fut	Electronic	3.62	HKD	FRPL				3.62	18.5	HKD	FRPL
HKEX	Hong Kong Exchange	Equity	CIT	CITIC Pacific Limited	Fut	Electronic	3.62	HKD	FRPL				3.62	18.5	HKD	FRPL
HKEX	Hong Kong Exchange	Equity	CKH	Cheung Kong (Holdings) Limited	Fut	Electronic	3.62	HKD	FRPL				3.62	18.5	HKD	FRPL
HKEX	Hong Kong Exchange	Equity	CLI	China Life Insurance Company Limited	Fut	Electronic	3.62	HKD	FRPL				3.62	18.5	HKD	FRPL
HKEX	Hong Kong Exchange	Equity	CLP	CLP Holdings Limited	Fut	Electronic	3.62	HKD	FRPL				3.62	18.5	HKD	FRPL
HKEX	Hong Kong Exchange	Equity	CMB	China Merchants Bank Co Ltd	Fut	Electronic	3.62	HKD	FRPL				3.62	18.5	HKD	FRPL
HKEX	Hong Kong Exchange	Equity	CNC	CNOOC Limited	Fut	Electronic	3.62	HKD	FRPL				3.62	18.5	HKD	FRPL
HKEX	Hong Kong Exchange	Equity	CPA	Cathay Pacific Airways Limited	Fut	Electronic	3.62	HKD	FRPL				3.62	18.5	HKD	FRPL
HKEX	Hong Kong Exchange	Equity	CPC	China Petroleum & Chemical Corporation	Fut	Electronic	3.62	HKD	FRPL				3.62	18.5	HKD	FRPL
HKEX	Hong Kong Exchange	Index	CS3	WISE-CSI 300 China Tracker	Opt	Electronic	3	HKD	FRPL				3	18.5	HKD	FRPL
HKEX	Hong Kong Exchange	Equity	CTC	China Telecom Corporation Limited	Fut	Electronic	3.62	HKD	FRPL				3.62	18.5	HKD	FRPL
HKEX	Hong Kong Exchange	Currency	CUS	US Dollar vs Renminbi (Hong Kong) (USD/CNH) Futures	Fut	Electronic	8	CNY	FRPL				8	18.5	HKD	FRPL
HKEX	Hong Kong Exchange	Index	DHH	HSCEI Dividend Point Index	Fut	Electronic	2.1	HKD	FRPL				2.1	18.5	HKD	FRPL
HKEX	Hong Kong Exchange	Index	DHS	HSI Dividend Point Index	Fut	Electronic	3.6	HKD	FRPL				3.6	18.5	HKD	FRPL
HKEX	Hong Kong Exchange	Int Rate	EF3	Three-Year Exchange Fund Note	Fut	Electronic	6.6	HKD	FRPL				6.6	18.5	HKD	FRPL

Exch Code	Exch Desc	Comm Group	Prod Code	Product Desc	F/O	Platform	Trd Fee	Trd Fee Cur	Trd Fee Meth	Clr Fee	Clr Fee Cur	Clr Fee Meth	Fee Total	Brk Fee	Brk Fee Cur	Brk Fee Meth
HKEX	Hong Kong Exchange	Equity	ESP	Esprit Holdings Limited	Fut	Electronic	3.62	HKD	FRPL				3.62	18.5	HKD	FRPL
HKEX	Hong Kong Exchange	Equity	FIH	Foxconn International Holdings Limited	Fut	Electronic	3.62	HKD	FRPL				3.62	18.5	HKD	FRPL
HKEX	Hong Kong Exchange	Metal	GLD	Gold	Fut	Electronic	1.38	USD	FRPL				1.38	18.5	HKD	FRPL
HKEX	Hong Kong Exchange	Int Rate	HB1	One-Month HIBOR	Fut	Electronic	5.6	HKD	FRPL				5.6	18.5	HKD	FRPL
HKEX	Hong Kong Exchange	Int Rate	HB3	Three-Month HIBOR	Fut	Electronic	5.6	HKD	FRPL				5.6	18.5	HKD	FRPL
HKEX	Hong Kong Exchange	Equity	HEH	Power Assets	Fut	Electronic	3.62	HKD	FRPL				3.62	18.5	HKD	FRPL
HKEX	Hong Kong Exchange	Equity	HEX	Hong Kong Exchanges and Clearing Limited	Fut	Electronic	3.62	HKD	FRPL				3.62	18.5	HKD	FRPL
HKEX	Hong Kong Exchange	Index	HHI	H-Shares Index	Fut	Electronic	4.1	HKD	FRPL				4.1	18.5	HKD	FRPL
HKEX	Hong Kong Exchange	Index	HHI	H-Shares Index	Opt	Electronic	4.1	HKD	FRPL				4.1	18.5	HKD	FRPL
HKEX	Hong Kong Exchange	Equity	HKA	The Hong Kong and China Gas Company Limited Adj	Fut	Electronic	3.62	HKD	FRPL				3.62	18.5	HKD	FRPL
HKEX	Hong Kong Exchange	Equity	HKB	HSBC Holdings Plc	Fut	Electronic	3.62	HKD	FRPL				3.62	18.5	HKD	FRPL
HKEX	Hong Kong Exchange	Equity	HKG	The Hong Kong and China Gas Company Limited	Fut	Electronic	3.62	HKD	FRPL				3.62	18.5	HKD	FRPL
HKEX	Hong Kong Exchange	Equity	HLD	Henderson Land Development Company Limited	Fut	Electronic	3.62	HKD	FRPL				3.62	18.5	HKD	FRPL
HKEX	Hong Kong Exchange	Equity	HNP	Huaneng Power International Inc	Fut	Electronic	3.62	HKD	FRPL				3.62	18.5	HKD	FRPL
HKEX	Hong Kong Exchange	Equity	HSB	Hang Seng Bank Limited	Fut	Electronic	3.62	HKD	FRPL				3.62	18.5	HKD	FRPL
HKEX	Hong Kong Exchange	Index	HSI	Hang Seng Index	Fut	Electronic	10.6	HKD	FRPL				10.6	18.5	HKD	FRPL
HKEX	Hong Kong Exchange	Index	HSI	Hang Seng Index	Opt	Electronic	10.6	HKD	FRPL				10.6	18.5	HKD	FRPL
HKEX	Hong Kong Exchange	Equity	HWL	Hutchison Whampoa Limited	Fut	Electronic	3.62	HKD	FRPL				3.62	18.5	HKD	FRPL
HKEX	Hong Kong Exchange	Equity	ICB	Industrial and Commercial Bank of China Limited	Fut	Electronic	3.62	HKD	FRPL				3.62	18.5	HKD	FRPL
HKEX	Hong Kong Exchange	Equity	LIA	Li & Fung Limited Adj	Fut	Electronic	3.62	HKD	FRPL				3.62	18.5	HKD	FRPL
HKEX	Hong Kong Exchange	Equity	LIF	Li & Fung Limited	Fut	Electronic	3.62	HKD	FRPL				3.62	18.5	HKD	FRPL
HKEX	Hong Kong Exchange	Index	MCH	Mini Hang Seng H-Shares Index	Fut	Electronic	2.12	HKD	FRPL				2.12	18.5	HKD	FRPL
HKEX	Hong Kong Exchange	Index	MCX	MICEX Index	Fut	Electronic	5.6	HKD	FRPL				5.6	18.5	HKD	FRPL
HKEX	Hong Kong Exchange	Index	MHI	Mini-Hang Seng Index	Fut	Electronic	3.62	HKD	FRPL				3.62	18.5	HKD	FRPL
HKEX	Hong Kong Exchange	Index	MHI	Mini-Hang Seng Index	Opt	Electronic	2.12	HKD	FRPL				2.12	18.5	HKD	FRPL
HKEX	Hong Kong Exchange	Equity	MTR	MTR Corporation Limited	Fut	Electronic	3.62	HKD	FRPL				3.62	18.5	HKD	FRPL
HKEX	Hong Kong Exchange	Equity	NWA	New World Development Company Limited Adj	Fut	Electronic	3.62	HKD	FRPL				3.62	18.5	HKD	FRPL
HKEX	Hong Kong Exchange	Equity	NWD	New World Development Company Limited	Fut	Electronic	3.62	HKD	FRPL				3.62	18.5	HKD	FRPL
HKEX	Hong Kong Exchange	Equity	PAI	Ping An Insurance (Group) Company of China Ltd	Fut	Electronic	3.62	HKD	FRPL				3.62	18.5	HKD	FRPL
HKEX	Hong Kong Exchange	Equity	PEC	PetroChina Company Limited	Fut	Electronic	3.62	HKD	FRPL				3.62	18.5	HKD	FRPL
HKEX	Hong Kong Exchange	Equity	PIA	PICC Property and Casualty Company Limited Adj	Fut	Electronic	3.62	HKD	FRPL				3.62	18.5	HKD	FRPL
HKEX	Hong Kong Exchange	Equity	PIC	PICC Property and Casualty Company Limited	Fut	Electronic	3.62	HKD	FRPL				3.62	18.5	HKD	FRPL
HKEX	Hong Kong Exchange	Index	SAF	FTSE/JSE Top40 Index	Fut	Electronic	5.6	HKD	FRPL				5.6	18.5	HKD	FRPL
HKEX	Hong Kong Exchange	Equity	SHK	Sun Hung Kai Properties Limited	Fut	Electronic	3.62	HKD	FRPL				3.62	18.5	HKD	FRPL
HKEX	Hong Kong Exchange	Equity	SWA	Swire Pacific Limited 'A'	Fut	Electronic	3.62	HKD	FRPL				3.62	18.5	HKD	FRPL
HKEX	Hong Kong Exchange	Equity	SWB	Swire Pacific Limited 'A' Adj	Fut	Electronic	3.62	HKD	FRPL				3.62	18.5	HKD	FRPL
HKEX	Hong Kong Exchange	Equity	SWC	Swire Pacific Limited 'A' Adj	Fut	Electronic	3.62	HKD	FRPL				3.62	18.5	HKD	FRPL
HKEX	Hong Kong Exchange	Equity	SWD	Swire Pacific Limited 'A' Adj	Fut	Electronic	3.62	HKD	FRPL				3.62	18.5	HKD	FRPL
HKEX	Hong Kong Exchange	Index	VHS	HSI Volatility Index	Fut	Electronic	10.6	HKD	FRPL				10.6	18.5	HKD	FRPL
HKEX	Hong Kong Exchange	Equity	WHL	The Wharf (Holdings) Limited	Fut	Electronic	3.62	HKD	FRPL				3.62	18.5	HKD	FRPL
ICE	Intercontinental Exchange	Energy	AAA	Fuel Oil 1% FOB NWE Cargoes BALMO Swap Day 1	Fut	Electronic	21.75	USD	FRPL	11	USD	FRPL	32.75	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	AAB	Fuel Oil 1% FOB NWE Cargoes BALMO Swap Day 2	Fut	Electronic	21.75	USD	FRPL	11	USD	FRPL	32.75	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	AAC	Fuel Oil 1% FOB NWE Cargoes BALMO Swap Day 3	Fut	Electronic	21.75	USD	FRPL	11	USD	FRPL	32.75	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	AAD	Fuel Oil 1% FOB NWE Cargoes BALMO Swap Day 4	Fut	Electronic	21.75	USD	FRPL	11	USD	FRPL	32.75	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	AAE	Fuel Oil 1% FOB NWE Cargoes BALMO Swap Day 5	Fut	Electronic	21.75	USD	FRPL	11	USD	FRPL	32.75	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	AAF	Fuel Oil 1% FOB NWE Cargoes BALMO Swap Day 6	Fut	Electronic	21.75	USD	FRPL	11	USD	FRPL	32.75	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	AAG	Fuel Oil 1% FOB NWE Cargoes BALMO Swap Day 7	Fut	Electronic	21.75	USD	FRPL	11	USD	FRPL	32.75	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	AAH	Fuel Oil 1% FOB NWE Cargoes BALMO Swap Day 8	Fut	Electronic	21.75	USD	FRPL	11	USD	FRPL	32.75	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	AAI	Fuel Oil 1% FOB NWE Cargoes BALMO Swap Day 9	Fut	Electronic	21.75	USD	FRPL	11	USD	FRPL	32.75	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	AAJ	Fuel Oil 1% FOB NWE Cargoes BALMO Swap Day 10	Fut	Electronic	21.75	USD	FRPL	11	USD	FRPL	32.75	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	AAK	Fuel Oil 1% FOB NWE Cargoes BALMO Swap Day 11	Fut	Electronic	21.75	USD	FRPL	11	USD	FRPL	32.75	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	AAL	Fuel Oil 1% FOB NWE Cargoes BALMO Swap Day 12	Fut	Electronic	21.75	USD	FRPL	11	USD	FRPL	32.75	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	AAM	Fuel Oil 1% FOB NWE Cargoes BALMO Swap Day 13	Fut	Electronic	21.75	USD	FRPL	11	USD	FRPL	32.75	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	AAN	Fuel Oil 1% FOB NWE Cargoes BALMO Swap Day 14	Fut	Electronic	21.75	USD	FRPL	11	USD	FRPL	32.75	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	AAO	Fuel Oil 1% FOB NWE Cargoes BALMO Swap Day 15	Fut	Electronic	21.75	USD	FRPL	11	USD	FRPL	32.75	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	AAP	Fuel Oil 1% FOB NWE Cargoes BALMO Swap Day 16	Fut	Electronic	21.75	USD	FRPL	11	USD	FRPL	32.75	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	AAQ	Fuel Oil 1% FOB NWE Cargoes BALMO Swap Day 17	Fut	Electronic	21.75	USD	FRPL	11	USD	FRPL	32.75	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	AAR	Fuel Oil 1% FOB NWE Cargoes BALMO Swap Day 18	Fut	Electronic	21.75	USD	FRPL	11	USD	FRPL	32.75	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	AAS	Fuel Oil 1% FOB NWE Cargoes BALMO Swap Day 19	Fut	Electronic	21.75	USD	FRPL	11	USD	FRPL	32.75	0.2	USD	FRPL

Exch Code	Exch Desc	Comm Group	Prod Code	Product Desc	F/O	Platform	Trd Fee	Trd Fee Cur	Trd Fee Meth	Clr Fee	Clr Fee Cur	Clr Fee Meth	Fee Total	Brk Fee	Brk Fee Cur	Brk Fee Meth
ICE	Intercontinental Exchange	Energy	AAT	Fuel Oil 1% FOB NWE Cargoes BALMO Swap Day 20	Fut	Electronic	21.75	USD	FRPL	11	USD	FRPL	32.75	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	AAU	Fuel Oil 1% FOB NWE Cargoes BALMO Swap Day 21	Fut	Electronic	21.75	USD	FRPL	11	USD	FRPL	32.75	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	AAV	Fuel Oil 1% FOB NWE Cargoes BALMO Swap Day 22	Fut	Electronic	21.75	USD	FRPL	11	USD	FRPL	32.75	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	AAW	Fuel Oil 1% FOB NWE Cargoes BALMO Swap Day 23	Fut	Electronic	21.75	USD	FRPL	11	USD	FRPL	32.75	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	AAX	Fuel Oil 1% FOB NWE Cargoes BALMO Swap Day 24	Fut	Electronic	21.75	USD	FRPL	11	USD	FRPL	32.75	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	AAY	Fuel Oil 1% FOB NWE Cargoes BALMO Swap Day 25	Fut	Electronic	21.75	USD	FRPL	11	USD	FRPL	32.75	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	AAZ	Fuel Oil 1% FOB NWE Cargoes BALMO Swap Day 26	Fut	Electronic	21.75	USD	FRPL	11	USD	FRPL	32.75	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	ABA	Fuel Oil 1% FOB NWE Cargoes BALMO Swap Day 27	Fut	Electronic	21.75	USD	FRPL	11	USD	FRPL	32.75	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	ABB	Fuel Oil 1% FOB NWE Cargoes BALMO Swap Day 28	Fut	Electronic	21.75	USD	FRPL	11	USD	FRPL	32.75	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	ABC	Fuel Oil 1% FOB NWE Cargoes BALMO Swap Day 29	Fut	Electronic	21.75	USD	FRPL	11	USD	FRPL	32.75	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	ABD	Fuel Oil 1% FOB NWE Cargoes BALMO Swap Day 30	Fut	Electronic	21.75	USD	FRPL	11	USD	FRPL	32.75	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	ABE	Fuel Oil 1% FOB NWE Cargoes BALMO Swap Day 31	Fut	Electronic	21.75	USD	FRPL	11	USD	FRPL	32.75	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	ABI	Argus Biodiesel RME FOB RDAM Swap	Fut	Electronic	27.25	USD	FRPL	11	USD	FRPL	38.25	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	ADA	PJM AEP Dayton Hub Day Ahead LMP, Peak Daily	Fut	Electronic	0.04	USD	FRPL	0.08	USD	FRPL	0.12	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	ADB	PJM AEP Dayton Hub Day Ahead LMP, Peak Monthly	Fut	Electronic	0.04	USD	FRPL	0.12	USD	FRPL	0.16	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	ADC	PJM AEP Dayton Hub Day Ahead LMP, Off-Peak Daily	Fut	Electronic	0.01	USD	FRPL	0.02	USD	FRPL	0.03	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	ADD	PJM AEP Dayton Hub Day Ahead LMP, Off-Peak Monthly	Fut	Electronic	0.01	USD	FRPL	0.04	USD	FRPL	0.05	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	ADO	AD Hub Real Time Off-Peak Daily	Fut	Electronic	0.13	USD	FRPL	0.25	USD	FRPL	0.38	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	ADP	NYISO Zone A Financial Peak Daily	Fut	Electronic	2	USD	FRPL	4	USD	FRPL	6	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	AEC	AB NIT Financial Basis	Fut	Electronic	0.14	USD	FRPL	0.52	USD	FRPL	0.66	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	AEO	Euro-BOB OXY FOB Rotterdam Barges Swap	Fut	Electronic	31.65	USD	FRPL	11	USD	FRPL	42.65	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	AFE	Financial Propane Index Swap	Fut	Electronic	80	USD	FRPL	28	USD	FRPL	108	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	AGA	180CST Singapore Fuel Oil vs. 3.5% Fuel Oil Barges FOB Rotterdam Balmo Swap Day 1	Fut	Electronic	21.75	USD	FRPL	11	USD	FRPL	32.75	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	AGB	180CST Singapore Fuel Oil vs. 3.5% Fuel Oil Barges FOB Rotterdam Balmo Swap Day 2	Fut	Electronic	21.75	USD	FRPL	11	USD	FRPL	32.75	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	AGC	180CST Singapore Fuel Oil vs. 3.5% Fuel Oil Barges FOB Rotterdam Balmo Swap Day 3	Fut	Electronic	21.75	USD	FRPL	11	USD	FRPL	32.75	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	AGD	180CST Singapore Fuel Oil vs. 3.5% Fuel Oil Barges FOB Rotterdam Balmo Swap Day 4	Fut	Electronic	21.75	USD	FRPL	11	USD	FRPL	32.75	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	AGE	180CST Singapore Fuel Oil vs. 3.5% Fuel Oil Barges FOB Rotterdam Balmo Swap Day 5	Fut	Electronic	21.75	USD	FRPL	11	USD	FRPL	32.75	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	AGF	180CST Singapore Fuel Oil vs. 3.5% Fuel Oil Barges FOB Rotterdam Balmo Swap Day 6	Fut	Electronic	21.75	USD	FRPL	11	USD	FRPL	32.75	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	AGG	180CST Singapore Fuel Oil vs. 3.5% Fuel Oil Barges FOB Rotterdam Balmo Swap Day 7	Fut	Electronic	21.75	USD	FRPL	11	USD	FRPL	32.75	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	AGH	180CST Singapore Fuel Oil vs. 3.5% Fuel Oil Barges FOB Rotterdam Balmo Swap Day 8	Fut	Electronic	21.75	USD	FRPL	11	USD	FRPL	32.75	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	AGI	180CST Singapore Fuel Oil vs. 3.5% Fuel Oil Barges FOB Rotterdam Balmo Swap Day 9	Fut	Electronic	21.75	USD	FRPL	11	USD	FRPL	32.75	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	AGJ	180CST Singapore Fuel Oil vs. 3.5% Fuel Oil Barges FOB Rotterdam Balmo Swap Day 10	Fut	Electronic	21.75	USD	FRPL	11	USD	FRPL	32.75	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	AGK	180CST Singapore Fuel Oil vs. 3.5% Fuel Oil Barges FOB Rotterdam Balmo Swap Day 11	Fut	Electronic	21.75	USD	FRPL	11	USD	FRPL	32.75	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	AGL	180CST Singapore Fuel Oil vs. 3.5% Fuel Oil Barges FOB Rotterdam Balmo Swap Day 12	Fut	Electronic	21.75	USD	FRPL	11	USD	FRPL	32.75	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	AGM	180CST Singapore Fuel Oil vs. 3.5% Fuel Oil Barges FOB Rotterdam Balmo Swap Day 13	Fut	Electronic	21.75	USD	FRPL	11	USD	FRPL	32.75	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	AGN	180CST Singapore Fuel Oil vs. 3.5% Fuel Oil Barges FOB Rotterdam Balmo Swap Day 14	Fut	Electronic	21.75	USD	FRPL	11	USD	FRPL	32.75	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	AGO	180CST Singapore Fuel Oil vs. 3.5% Fuel Oil Barges FOB Rotterdam Balmo Swap Day 15	Fut	Electronic	21.75	USD	FRPL	11	USD	FRPL	32.75	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	AGP	180CST Singapore Fuel Oil vs. 3.5% Fuel Oil Barges FOB Rotterdam Balmo Swap Day 16	Fut	Electronic	21.75	USD	FRPL	11	USD	FRPL	32.75	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	AGQ	180CST Singapore Fuel Oil vs. 3.5% Fuel Oil Barges FOB Rotterdam Balmo Swap Day 17	Fut	Electronic	21.75	USD	FRPL	11	USD	FRPL	32.75	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	AGR	180CST Singapore Fuel Oil vs. 3.5% Fuel Oil Barges FOB Rotterdam Balmo Swap Day 18	Fut	Electronic	21.75	USD	FRPL	11	USD	FRPL	32.75	0.2	USD	FRPL

Exch Code	Exch Desc	Comm Group	Prod Code	Product Desc	F/O	Platform	Trd Fee	Trd Fee Cur	Trd Fee Meth	Clr Fee	Clr Fee Cur	Clr Fee Meth	Fee Total	Brk Fee	Brk Fee Cur	Brk Fee Meth
ICE	Intercontinental Exchange	Energy	AGS	180CST Singapore Fuel Oil vs. 3.5% Fuel Oil Barges FOB Rotterdam Balmo Swap Day 19	Fut	Electronic	21.75	USD	FRPL	11	USD	FRPL	32.75	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	AGT	180CST Singapore Fuel Oil vs. 3.5% Fuel Oil Barges FOB Rotterdam Balmo Swap Day 20	Fut	Electronic	21.75	USD	FRPL	11	USD	FRPL	32.75	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	AGU	180CST Singapore Fuel Oil vs. 3.5% Fuel Oil Barges FOB Rotterdam Balmo Swap Day 21	Fut	Electronic	21.75	USD	FRPL	11	USD	FRPL	32.75	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	AGV	180CST Singapore Fuel Oil vs. 3.5% Fuel Oil Barges FOB Rotterdam Balmo Swap Day 22	Fut	Electronic	21.75	USD	FRPL	11	USD	FRPL	32.75	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	AGW	180CST Singapore Fuel Oil vs. 3.5% Fuel Oil Barges FOB Rotterdam Balmo Swap Day 23	Fut	Electronic	21.75	USD	FRPL	11	USD	FRPL	32.75	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	AGX	180CST Singapore Fuel Oil vs. 3.5% Fuel Oil Barges FOB Rotterdam Balmo Swap Day 24	Fut	Electronic	21.75	USD	FRPL	11	USD	FRPL	32.75	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	AGY	180CST Singapore Fuel Oil vs. 3.5% Fuel Oil Barges FOB Rotterdam Balmo Swap Day 25	Fut	Electronic	21.75	USD	FRPL	11	USD	FRPL	32.75	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	AGZ	180CST Singapore Fuel Oil vs. 3.5% Fuel Oil Barges FOB Rotterdam Balmo Swap Day 26	Fut	Electronic	21.75	USD	FRPL	11	USD	FRPL	32.75	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	AHA	180CST Singapore Fuel Oil vs. 3.5% Fuel Oil Barges FOB Rotterdam Balmo Swap Day 27	Fut	Electronic	21.75	USD	FRPL	11	USD	FRPL	32.75	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	AHB	180CST Singapore Fuel Oil vs. 3.5% Fuel Oil Barges FOB Rotterdam Balmo Swap Day 28	Fut	Electronic	21.75	USD	FRPL	11	USD	FRPL	32.75	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	AHC	180CST Singapore Fuel Oil vs. 3.5% Fuel Oil Barges FOB Rotterdam Balmo Swap Day 29	Fut	Electronic	21.75	USD	FRPL	11	USD	FRPL	32.75	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	AHD	180CST Singapore Fuel Oil vs. 3.5% Fuel Oil Barges FOB Rotterdam Balmo Swap Day 30	Fut	Electronic	21.75	USD	FRPL	11	USD	FRPL	32.75	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	AHE	180CST Singapore Fuel Oil vs. 3.5% Fuel Oil Barges FOB Rotterdam Balmo Swap Day 31	Fut	Electronic	21.75	USD	FRPL	11	USD	FRPL	32.75	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	AHF	380 cst Sing vs 3.5% Rdam FOB Barges Balmo Swap Day 1	Fut	Electronic	21.75	USD	FRPL	11	USD	FRPL	32.75	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	AHG	380 cst Sing vs 3.5% Rdam FOB Barges Balmo Swap Day 2	Fut	Electronic	21.75	USD	FRPL	11	USD	FRPL	32.75	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	AHH	380 cst Sing vs 3.5% Rdam FOB Barges Balmo Swap Day 3	Fut	Electronic	21.75	USD	FRPL	11	USD	FRPL	32.75	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	AHI	380 cst Sing vs 3.5% Rdam FOB Barges Balmo Swap Day 4	Fut	Electronic	21.75	USD	FRPL	11	USD	FRPL	32.75	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	AHJ	380 cst Sing vs 3.5% Rdam FOB Barges Balmo Swap Day 5	Fut	Electronic	21.75	USD	FRPL	11	USD	FRPL	32.75	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	AHK	380 cst Sing vs 3.5% Rdam FOB Barges Balmo Swap Day 6	Fut	Electronic	21.75	USD	FRPL	11	USD	FRPL	32.75	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	AHL	380 cst Sing vs 3.5% Rdam FOB Barges Balmo Swap Day 7	Fut	Electronic	21.75	USD	FRPL	11	USD	FRPL	32.75	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	AHM	380 cst Sing vs 3.5% Rdam FOB Barges Balmo Swap Day 8	Fut	Electronic	21.75	USD	FRPL	11	USD	FRPL	32.75	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	AHN	380 cst Sing vs 3.5% Rdam FOB Barges Balmo Swap Day 9	Fut	Electronic	21.75	USD	FRPL	11	USD	FRPL	32.75	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	AHO	380 cst Sing vs 3.5% Rdam FOB Barges Balmo Swap Day 10	Fut	Electronic	21.75	USD	FRPL	11	USD	FRPL	32.75	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	AHP	380 cst Sing vs 3.5% Rdam FOB Barges Balmo Swap Day 11	Fut	Electronic	21.75	USD	FRPL	11	USD	FRPL	32.75	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	AHQ	380 cst Sing vs 3.5% Rdam FOB Barges Balmo Swap Day 12	Fut	Electronic	21.75	USD	FRPL	11	USD	FRPL	32.75	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	AHR	380 cst Sing vs 3.5% Rdam FOB Barges Balmo Swap Day 13	Fut	Electronic	21.75	USD	FRPL	11	USD	FRPL	32.75	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	AHS	380 cst Sing vs 3.5% Rdam FOB Barges Balmo Swap Day 14	Fut	Electronic	21.75	USD	FRPL	11	USD	FRPL	32.75	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	AHT	380 cst Sing vs 3.5% Rdam FOB Barges Balmo Swap Day 15	Fut	Electronic	21.75	USD	FRPL	11	USD	FRPL	32.75	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	AHU	380 cst Sing vs 3.5% Rdam FOB Barges Balmo Swap Day 16	Fut	Electronic	21.75	USD	FRPL	11	USD	FRPL	32.75	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	AHV	380 cst Sing vs 3.5% Rdam FOB Barges Balmo Swap Day 17	Fut	Electronic	21.75	USD	FRPL	11	USD	FRPL	32.75	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	AHW	380 cst Sing vs 3.5% Rdam FOB Barges Balmo Swap Day 18	Fut	Electronic	21.75	USD	FRPL	11	USD	FRPL	32.75	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	AHX	380 cst Sing vs 3.5% Rdam FOB Barges Balmo Swap Day 19	Fut	Electronic	21.75	USD	FRPL	11	USD	FRPL	32.75	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	AHY	380 cst Sing vs 3.5% Rdam FOB Barges Balmo Swap Day 20	Fut	Electronic	21.75	USD	FRPL	11	USD	FRPL	32.75	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	AHZ	380 cst Sing vs 3.5% Rdam FOB Barges Balmo Swap Day 21	Fut	Electronic	21.75	USD	FRPL	11	USD	FRPL	32.75	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	AIA	380 cst Sing vs 3.5% Rdam FOB Barges Balmo Swap Day 22	Fut	Electronic	21.75	USD	FRPL	11	USD	FRPL	32.75	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	AIB	380 cst Sing vs 3.5% Rdam FOB Barges Balmo Swap Day 23	Fut	Electronic	21.75	USD	FRPL	11	USD	FRPL	32.75	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	AIC	380 cst Sing vs 3.5% Rdam FOB Barges Balmo Swap Day 24	Fut	Electronic	21.75	USD	FRPL	11	USD	FRPL	32.75	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	AID	380 cst Sing vs 3.5% Rdam FOB Barges Balmo Swap Day 25	Fut	Electronic	21.75	USD	FRPL	11	USD	FRPL	32.75	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	AIE	380 cst Sing vs 3.5% Rdam FOB Barges Balmo Swap Day 26	Fut	Electronic	21.75	USD	FRPL	11	USD	FRPL	32.75	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	AIF	380 cst Sing vs 3.5% Rdam FOB Barges Balmo Swap Day 27	Fut	Electronic	21.75	USD	FRPL	11	USD	FRPL	32.75	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	AIG	380 cst Sing vs 3.5% Rdam FOB Barges Balmo Swap Day 28	Fut	Electronic	21.75	USD	FRPL	11	USD	FRPL	32.75	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	AIH	380 cst Sing vs 3.5% Rdam FOB Barges Balmo Swap Day 29	Fut	Electronic	21.75	USD	FRPL	11	USD	FRPL	32.75	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	AII	380 cst Sing vs 3.5% Rdam FOB Barges Balmo Swap Day 30	Fut	Electronic	21.75	USD	FRPL	11	USD	FRPL	32.75	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	AIJ	380 cst Sing vs 3.5% Rdam FOB Barges Balmo Swap Day 31	Fut	Electronic	21.75	USD	FRPL	11	USD	FRPL	32.75	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	AIS	AB NIT Financial Index	Fut	Electronic	0.14	USD	FRPL	0.52	USD	FRPL	0.66	0.2	USD	FRPL

Exch Code	Exch Desc	Comm Group	Prod Code	Product Desc	F/O	Platform	Trd Fee	Trd Fee Cur	Trd Fee Meth	Clr Fee	Clr Fee Cur	Clr Fee Meth	Fee Total	Brk Fee	Brk Fee Cur	Brk Fee Meth
ICE	Intercontinental Exchange	Energy	AKA	180CST Singapore Fuel Oil vs. 380CST Singapore Fuel Oil Balmo Swap Day 1	Fut	Electronic	21.75	USD	FRPL	11	USD	FRPL	32.75	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	AKB	180CST Singapore Fuel Oil vs. 380CST Singapore Fuel Oil Balmo Swap Day 2	Fut	Electronic	21.75	USD	FRPL	11	USD	FRPL	32.75	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	AKC	180CST Singapore Fuel Oil vs. 380CST Singapore Fuel Oil Balmo Swap Day 3	Fut	Electronic	21.75	USD	FRPL	11	USD	FRPL	32.75	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	AKD	180CST Singapore Fuel Oil vs. 380CST Singapore Fuel Oil Balmo Swap Day 4	Fut	Electronic	21.75	USD	FRPL	11	USD	FRPL	32.75	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	AKE	180CST Singapore Fuel Oil vs. 380CST Singapore Fuel Oil Balmo Swap Day 5	Fut	Electronic	21.75	USD	FRPL	11	USD	FRPL	32.75	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	AKF	180CST Singapore Fuel Oil vs. 380CST Singapore Fuel Oil Balmo Swap Day 6	Fut	Electronic	21.75	USD	FRPL	11	USD	FRPL	32.75	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	AKG	180CST Singapore Fuel Oil vs. 380CST Singapore Fuel Oil Balmo Swap Day 7	Fut	Electronic	21.75	USD	FRPL	11	USD	FRPL	32.75	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	AKH	180CST Singapore Fuel Oil vs. 380CST Singapore Fuel Oil Balmo Swap Day 8	Fut	Electronic	21.75	USD	FRPL	11	USD	FRPL	32.75	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	AKI	180CST Singapore Fuel Oil vs. 380CST Singapore Fuel Oil Balmo Swap Day 9	Fut	Electronic	21.75	USD	FRPL	11	USD	FRPL	32.75	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	AKJ	180CST Singapore Fuel Oil vs. 380CST Singapore Fuel Oil Balmo Swap Day 10	Fut	Electronic	21.75	USD	FRPL	11	USD	FRPL	32.75	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	AKK	180CST Singapore Fuel Oil vs. 380CST Singapore Fuel Oil Balmo Swap Day 11	Fut	Electronic	21.75	USD	FRPL	11	USD	FRPL	32.75	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	AKL	180CST Singapore Fuel Oil vs. 380CST Singapore Fuel Oil Balmo Swap Day 12	Fut	Electronic	21.75	USD	FRPL	11	USD	FRPL	32.75	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	AKM	180CST Singapore Fuel Oil vs. 380CST Singapore Fuel Oil Balmo Swap Day 13	Fut	Electronic	21.75	USD	FRPL	11	USD	FRPL	32.75	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	AKN	180CST Singapore Fuel Oil vs. 380CST Singapore Fuel Oil Balmo Swap Day 14	Fut	Electronic	21.75	USD	FRPL	11	USD	FRPL	32.75	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	AKO	180CST Singapore Fuel Oil vs. 380CST Singapore Fuel Oil Balmo Swap Day 15	Fut	Electronic	21.75	USD	FRPL	11	USD	FRPL	32.75	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	AKP	180CST Singapore Fuel Oil vs. 380CST Singapore Fuel Oil Balmo Swap Day 16	Fut	Electronic	21.75	USD	FRPL	11	USD	FRPL	32.75	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	AKQ	180CST Singapore Fuel Oil vs. 380CST Singapore Fuel Oil Balmo Swap Day 17	Fut	Electronic	21.75	USD	FRPL	11	USD	FRPL	32.75	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	AKR	180CST Singapore Fuel Oil vs. 380CST Singapore Fuel Oil Balmo Swap Day 18	Fut	Electronic	21.75	USD	FRPL	11	USD	FRPL	32.75	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	AKS	180CST Singapore Fuel Oil vs. 380CST Singapore Fuel Oil Balmo Swap Day 19	Fut	Electronic	21.75	USD	FRPL	11	USD	FRPL	32.75	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	AKT	180CST Singapore Fuel Oil vs. 380CST Singapore Fuel Oil Balmo Swap Day 20	Fut	Electronic	21.75	USD	FRPL	11	USD	FRPL	32.75	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	AKU	180CST Singapore Fuel Oil vs. 380CST Singapore Fuel Oil Balmo Swap Day 21	Fut	Electronic	21.75	USD	FRPL	11	USD	FRPL	32.75	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	AKV	180CST Singapore Fuel Oil vs. 380CST Singapore Fuel Oil Balmo Swap Day 22	Fut	Electronic	21.75	USD	FRPL	11	USD	FRPL	32.75	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	AKW	180CST Singapore Fuel Oil vs. 380CST Singapore Fuel Oil Balmo Swap Day 23	Fut	Electronic	21.75	USD	FRPL	11	USD	FRPL	32.75	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	AKX	180CST Singapore Fuel Oil vs. 380CST Singapore Fuel Oil Balmo Swap Day 24	Fut	Electronic	21.75	USD	FRPL	11	USD	FRPL	32.75	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	AKY	180CST Singapore Fuel Oil vs. 380CST Singapore Fuel Oil Balmo Swap Day 25	Fut	Electronic	21.75	USD	FRPL	11	USD	FRPL	32.75	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	AKZ	180CST Singapore Fuel Oil vs. 380CST Singapore Fuel Oil Balmo Swap Day 26	Fut	Electronic	21.75	USD	FRPL	11	USD	FRPL	32.75	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	ALA	180CST Singapore Fuel Oil vs. 380CST Singapore Fuel Oil Balmo Swap Day 27	Fut	Electronic	21.75	USD	FRPL	11	USD	FRPL	32.75	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	ALB	180CST Singapore Fuel Oil vs. 380CST Singapore Fuel Oil Balmo Swap Day 28	Fut	Electronic	21.75	USD	FRPL	11	USD	FRPL	32.75	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	ALC	180CST Singapore Fuel Oil vs. 380CST Singapore Fuel Oil Balmo Swap Day 29	Fut	Electronic	21.75	USD	FRPL	11	USD	FRPL	32.75	0.2	USD	FRPL

Exch Code	Exch Desc	Comm Group	Prod Code	Product Desc	F/O	Platform	Trd Fee	Trd Fee Cur	Trd Fee Meth	Clr Fee	Clr Fee Cur	Clr Fee Meth	Fee Total	Brk Fee	Brk Fee Cur	Brk Fee Meth
ICE	Intercontinental Exchange	Energy	ALD	180CST Singapore Fuel Oil vs. 380CST Singapore Fuel Oil Balmo Swap Day 30	Fut	Electronic	21.75	USD	FRPL	11	USD	FRPL	32.75	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	ALE	180CST Singapore Fuel Oil vs. 380CST Singapore Fuel Oil Balmo Swap Day 31	Fut	Electronic	21.75	USD	FRPL	11	USD	FRPL	32.75	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	ALI	Algonquin Citygates Financial Index	Fut	Electronic	0.14	USD	FRPL	0.52	USD	FRPL	0.66	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	ALQ	Algonquin Citygates Financial Basis	Fut	Electronic	0.14	USD	FRPL	0.52	USD	FRPL	0.66	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	ALS	Algonquin Citygates Financial Swing	Fut	Electronic	0.14	USD	FRPL	0.52	USD	FRPL	0.66	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	AMA	Dubai 1st Line Balmo Swap Day 1	Fut	Electronic	1.25	USD	FRPL	1.34	USD	FRPL	2.59	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	AMB	Dubai 1st Line Balmo Swap Day 2	Fut	Electronic	1.25	USD	FRPL	1.34	USD	FRPL	2.59	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	AMC	Dubai 1st Line Balmo Swap Day 3	Fut	Electronic	1.25	USD	FRPL	1.34	USD	FRPL	2.59	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	AMD	Dubai 1st Line Balmo Swap Day 4	Fut	Electronic	1.25	USD	FRPL	1.34	USD	FRPL	2.59	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	AME	Dubai 1st Line Balmo Swap Day 5	Fut	Electronic	1.25	USD	FRPL	1.34	USD	FRPL	2.59	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	AMF	Dubai 1st Line Balmo Swap Day 6	Fut	Electronic	1.25	USD	FRPL	1.34	USD	FRPL	2.59	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	AMG	Dubai 1st Line Balmo Swap Day 7	Fut	Electronic	1.25	USD	FRPL	1.34	USD	FRPL	2.59	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	AMH	Dubai 1st Line Balmo Swap Day 8	Fut	Electronic	1.25	USD	FRPL	1.34	USD	FRPL	2.59	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	AMI	Dubai 1st Line Balmo Swap Day 9	Fut	Electronic	1.25	USD	FRPL	1.34	USD	FRPL	2.59	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	AMJ	Dubai 1st Line Balmo Swap Day 10	Fut	Electronic	1.25	USD	FRPL	1.34	USD	FRPL	2.59	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	AMK	Dubai 1st Line Balmo Swap Day 11	Fut	Electronic	1.25	USD	FRPL	1.34	USD	FRPL	2.59	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	AML	Dubai 1st Line Balmo Swap Day 12	Fut	Electronic	1.25	USD	FRPL	1.34	USD	FRPL	2.59	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	AMM	Dubai 1st Line Balmo Swap Day 13	Fut	Electronic	1.25	USD	FRPL	1.34	USD	FRPL	2.59	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	AMN	Dubai 1st Line Balmo Swap Day 14	Fut	Electronic	1.25	USD	FRPL	1.34	USD	FRPL	2.59	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	AMO	Dubai 1st Line Balmo Swap Day 15	Fut	Electronic	1.25	USD	FRPL	1.34	USD	FRPL	2.59	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	AMP	Dubai 1st Line Balmo Swap Day 16	Fut	Electronic	1.25	USD	FRPL	1.34	USD	FRPL	2.59	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	AMQ	Dubai 1st Line Balmo Swap Day 17	Fut	Electronic	1.25	USD	FRPL	1.34	USD	FRPL	2.59	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	AMR	Dubai 1st Line Balmo Swap Day 18	Fut	Electronic	1.25	USD	FRPL	1.34	USD	FRPL	2.59	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	AMS	Dubai 1st Line Balmo Swap Day 19	Fut	Electronic	1.25	USD	FRPL	1.34	USD	FRPL	2.59	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	AMT	Dubai 1st Line Balmo Swap Day 20	Fut	Electronic	1.25	USD	FRPL	1.34	USD	FRPL	2.59	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	AMU	Dubai 1st Line Balmo Swap Day 21	Fut	Electronic	1.25	USD	FRPL	1.34	USD	FRPL	2.59	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	AMV	Dubai 1st Line Balmo Swap Day 22	Fut	Electronic	1.25	USD	FRPL	1.34	USD	FRPL	2.59	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	AMW	Dubai 1st Line Balmo Swap Day 23	Fut	Electronic	1.25	USD	FRPL	1.34	USD	FRPL	2.59	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	AMX	Dubai 1st Line Balmo Swap Day 24	Fut	Electronic	1.25	USD	FRPL	1.34	USD	FRPL	2.59	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	AMY	Dubai 1st Line Balmo Swap Day 25	Fut	Electronic	1.25	USD	FRPL	1.34	USD	FRPL	2.59	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	AMZ	Dubai 1st Line Balmo Swap Day 26	Fut	Electronic	1.25	USD	FRPL	1.34	USD	FRPL	2.59	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	ANA	Dubai 1st Line Balmo Swap Day 27	Fut	Electronic	1.25	USD	FRPL	1.34	USD	FRPL	2.59	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	ANB	Dubai 1st Line Balmo Swap Day 28	Fut	Electronic	1.25	USD	FRPL	1.34	USD	FRPL	2.59	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	ANC	Dubai 1st Line Balmo Swap Day 29	Fut	Electronic	1.25	USD	FRPL	1.34	USD	FRPL	2.59	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	AND	Dubai 1st Line Balmo Swap Day 30	Fut	Electronic	1.25	USD	FRPL	1.34	USD	FRPL	2.59	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	ANE	Dubai 1st Line Balmo Swap Day 31	Fut	Electronic	1.25	USD	FRPL	1.34	USD	FRPL	2.59	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	ANO	ANR SW (Oklahoma) Financial Basis	Fut	Electronic	0.14	USD	FRPL	0.52	USD	FRPL	0.66	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	AOD	AD Hub Real Time Financial Off-Peak	Fut	Electronic	0.13	USD	FRPL	0.37	USD	FRPL	0.5	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	AOD	AD Hub Real-Time Off-Peak Monthly	Opt	Electronic	0.13	USD	FRPL	0.37	USD	FRPL	0.5	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	AOI	ANR SW (Oklahoma) Financial Index	Fut	Electronic	0.14	USD	FRPL	0.52	USD	FRPL	0.66	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	AOP	NYISO Zone A Financial Off-Peak	Fut	Electronic	0.13	USD	FRPL	0.37	USD	FRPL	0.5	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	AOS	ANR SW (Oklahoma) Financial Swing	Fut	Electronic	0.14	USD	FRPL	0.52	USD	FRPL	0.66	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	APC	Argus CIF ARA Large Cargo - Financial Propane Swap	Fut	Electronic	80	USD	FRPL	28	USD	FRPL	108	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	API	ANR SE (Louisiana) Financial Index	Fut	Electronic	0.14	USD	FRPL	0.52	USD	FRPL	0.66	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	APN	Argus CIF ARA vs Naphtha CIF NWE Differential - Financial Propane Swap	Fut	Electronic	80	USD	FRPL	28	USD	FRPL	108	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	APO	NYISO Zone A Financial Off-Peak Daily	Fut	Electronic	0.13	USD	FRPL	0.25	USD	FRPL	0.38	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	APS	ANR SE (Louisiana) Financial Swing	Fut	Electronic	0.14	USD	FRPL	0.52	USD	FRPL	0.66	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	AQA	Jet CIF NWE Cargoes vs Gasoil 1st Line BALMO Swap Day 1	Fut	Electronic	29.4	USD	FRPL	11	USD	FRPL	40.4	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	AQB	Jet CIF NWE Cargoes vs Gasoil 1st Line BALMO Swap Day 2	Fut	Electronic	29.4	USD	FRPL	11	USD	FRPL	40.4	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	AQC	Jet CIF NWE Cargoes vs Gasoil 1st Line BALMO Swap Day 3	Fut	Electronic	29.4	USD	FRPL	11	USD	FRPL	40.4	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	AQD	Jet CIF NWE Cargoes vs Gasoil 1st Line BALMO Swap Day 4	Fut	Electronic	29.4	USD	FRPL	11	USD	FRPL	40.4	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	AQE	Jet CIF NWE Cargoes vs Gasoil 1st Line BALMO Swap Day 5	Fut	Electronic	29.4	USD	FRPL	11	USD	FRPL	40.4	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	AQF	Jet CIF NWE Cargoes vs Gasoil 1st Line BALMO Swap Day 6	Fut	Electronic	29.4	USD	FRPL	11	USD	FRPL	40.4	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	AQG	Jet CIF NWE Cargoes vs Gasoil 1st Line BALMO Swap Day 7	Fut	Electronic	29.4	USD	FRPL	11	USD	FRPL	40.4	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	AQH	Jet CIF NWE Cargoes vs Gasoil 1st Line BALMO Swap Day 8	Fut	Electronic	29.4	USD	FRPL	11	USD	FRPL	40.4	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	AQI	Jet CIF NWE Cargoes vs Gasoil 1st Line BALMO Swap Day 9	Fut	Electronic	29.4	USD	FRPL	11	USD	FRPL	40.4	0.2	USD	FRPL

Exch Code	Exch Desc	Comm Group	Prod Code	Product Desc	F/O	Platform	Trd Fee	Trd Fee Cur	Trd Fee Meth	Clr Fee	Clr Fee Cur	Clr Fee Meth	Fee Total	Brk Fee	Brk Fee Cur	Brk Fee Meth
ICE	Intercontinental Exchange	Energy	AQJ	Jet CIF NWE Cargoes vs Gasoil 1st Line BALMO Swap Day 10	Fut	Electronic	29.4	USD	FRPL	11	USD	FRPL	40.4	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	AQK	Jet CIF NWE Cargoes vs Gasoil 1st Line BALMO Swap Day 11	Fut	Electronic	29.4	USD	FRPL	11	USD	FRPL	40.4	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	AQL	Jet CIF NWE Cargoes vs Gasoil 1st Line BALMO Swap Day 12	Fut	Electronic	29.4	USD	FRPL	11	USD	FRPL	40.4	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	AQM	Jet CIF NWE Cargoes vs Gasoil 1st Line BALMO Swap Day 13	Fut	Electronic	29.4	USD	FRPL	11	USD	FRPL	40.4	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	AQN	Jet CIF NWE Cargoes vs Gasoil 1st Line BALMO Swap Day 14	Fut	Electronic	29.4	USD	FRPL	11	USD	FRPL	40.4	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	AQO	Jet CIF NWE Cargoes vs Gasoil 1st Line BALMO Swap Day 15	Fut	Electronic	29.4	USD	FRPL	11	USD	FRPL	40.4	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	AQP	Jet CIF NWE Cargoes vs Gasoil 1st Line BALMO Swap Day 16	Fut	Electronic	29.4	USD	FRPL	11	USD	FRPL	40.4	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	AQQ	Jet CIF NWE Cargoes vs Gasoil 1st Line BALMO Swap Day 17	Fut	Electronic	29.4	USD	FRPL	11	USD	FRPL	40.4	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	AQR	Jet CIF NWE Cargoes vs Gasoil 1st Line BALMO Swap Day 18	Fut	Electronic	29.4	USD	FRPL	11	USD	FRPL	40.4	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	AQS	Jet CIF NWE Cargoes vs Gasoil 1st Line BALMO Swap Day 19	Fut	Electronic	29.4	USD	FRPL	11	USD	FRPL	40.4	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	AQT	Jet CIF NWE Cargoes vs Gasoil 1st Line BALMO Swap Day 20	Fut	Electronic	29.4	USD	FRPL	11	USD	FRPL	40.4	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	AQU	Jet CIF NWE Cargoes vs Gasoil 1st Line BALMO Swap Day 21	Fut	Electronic	29.4	USD	FRPL	11	USD	FRPL	40.4	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	AQV	Jet CIF NWE Cargoes vs Gasoil 1st Line BALMO Swap Day 22	Fut	Electronic	29.4	USD	FRPL	11	USD	FRPL	40.4	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	AQW	Jet CIF NWE Cargoes vs Gasoil 1st Line BALMO Swap Day 23	Fut	Electronic	29.4	USD	FRPL	11	USD	FRPL	40.4	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	AQX	Jet CIF NWE Cargoes vs Gasoil 1st Line BALMO Swap Day 24	Fut	Electronic	29.4	USD	FRPL	11	USD	FRPL	40.4	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	AQY	Jet CIF NWE Cargoes vs Gasoil 1st Line BALMO Swap Day 25	Fut	Electronic	29.4	USD	FRPL	11	USD	FRPL	40.4	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	AQZ	Jet CIF NWE Cargoes vs Gasoil 1st Line BALMO Swap Day 26	Fut	Electronic	29.4	USD	FRPL	11	USD	FRPL	40.4	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	ARA	Jet CIF NWE Cargoes vs Gasoil 1st Line BALMO Swap Day 27	Fut	Electronic	29.4	USD	FRPL	11	USD	FRPL	40.4	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	ARB	Jet CIF NWE Cargoes vs Gasoil 1st Line BALMO Swap Day 28	Fut	Electronic	29.4	USD	FRPL	11	USD	FRPL	40.4	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	ARC	Jet CIF NWE Cargoes vs Gasoil 1st Line BALMO Swap Day 29	Fut	Electronic	29.4	USD	FRPL	11	USD	FRPL	40.4	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	ARD	Jet CIF NWE Cargoes vs Gasoil 1st Line BALMO Swap Day 30	Fut	Electronic	29.4	USD	FRPL	11	USD	FRPL	40.4	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	ARE	Jet CIF NWE Cargoes vs Gasoil 1st Line BALMO Swap Day 31	Fut	Electronic	29.4	USD	FRPL	11	USD	FRPL	40.4	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	ARF	Argus East Siberian Pacific Ocean (ESPO) Diff Swap	Fut	Electronic	1.25	USD	FRPL	1.34	USD	FRPL	2.59	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	ARG	Argus East Siberian Pacific Ocean (ESPO) Swap	Fut	Electronic	1.25	USD	FRPL	1.34	USD	FRPL	2.59	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	ARH	Argus LLS Swap	Fut	Electronic	1.25	USD	FRPL	1.34	USD	FRPL	2.59	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	ARI	Argus LLS vs Brent 1st Line Swap	Fut	Electronic	1.25	USD	FRPL	1.34	USD	FRPL	2.59	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	ARJ	Argus LLS vs Dated Brent Swap	Fut	Electronic	1.25	USD	FRPL	1.34	USD	FRPL	2.59	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	ARK	Argus LLS vs WTI 1st Line Swap	Fut	Electronic	1.25	USD	FRPL	1.34	USD	FRPL	2.59	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	ARL	Argus LLS vs WTI Trade Month Swap	Fut	Electronic	1.25	USD	FRPL	1.34	USD	FRPL	2.59	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	ARM	Argus Mars Swap	Fut	Electronic	1.25	USD	FRPL	1.34	USD	FRPL	2.59	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	ARN	Argus Mars vs Brent 1st Line Swap	Fut	Electronic	1.25	USD	FRPL	1.34	USD	FRPL	2.59	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	ARO	Argus Mars vs WTI 1st Line Swap	Fut	Electronic	1.25	USD	FRPL	1.34	USD	FRPL	2.59	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	ARY	AD Hub Real-Time Cal 1x Fixed Price Swap	Fut	Electronic	2	USD	FRPL	6	USD	FRPL	8	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	ARY	AD Hub Real-Time Cal 1x Fixed Price	Opt	Electronic	2	USD	FRPL	6	USD	FRPL	8	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	ARZ	AD Hub Real-Time Off-Peak Cal 1x Fixed Price Swap	Fut	Electronic	0.13	USD	FRPL	0.37	USD	FRPL	0.5	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	ARZ	AD Hub Real-Time Off-Peak Cal 1x Fixed Price	Opt	Electronic	0.13	USD	FRPL	0.37	USD	FRPL	0.5	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	ASS	AB NIT Financial Swing	Fut	Electronic	0.14	USD	FRPL	0.52	USD	FRPL	0.66	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	AUA	Fuel Oil 3.5% FOB Med Cargoes BALMO Swap Day 1	Fut	Electronic	21.75	USD	FRPL	11	USD	FRPL	32.75	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	AUB	Fuel Oil 3.5% FOB Med Cargoes BALMO Swap Day 2	Fut	Electronic	21.75	USD	FRPL	11	USD	FRPL	32.75	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	AUC	Fuel Oil 3.5% FOB Med Cargoes BALMO Swap Day 3	Fut	Electronic	21.75	USD	FRPL	11	USD	FRPL	32.75	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	AUD	Fuel Oil 3.5% FOB Med Cargoes BALMO Swap Day 4	Fut	Electronic	21.75	USD	FRPL	11	USD	FRPL	32.75	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	AUE	Fuel Oil 3.5% FOB Med Cargoes BALMO Swap Day 5	Fut	Electronic	21.75	USD	FRPL	11	USD	FRPL	32.75	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	AUF	Fuel Oil 3.5% FOB Med Cargoes BALMO Swap Day 6	Fut	Electronic	21.75	USD	FRPL	11	USD	FRPL	32.75	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	AUG	Fuel Oil 3.5% FOB Med Cargoes BALMO Swap Day 7	Fut	Electronic	21.75	USD	FRPL	11	USD	FRPL	32.75	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	AUH	Fuel Oil 3.5% FOB Med Cargoes BALMO Swap Day 8	Fut	Electronic	21.75	USD	FRPL	11	USD	FRPL	32.75	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	AUI	Fuel Oil 3.5% FOB Med Cargoes BALMO Swap Day 9	Fut	Electronic	21.75	USD	FRPL	11	USD	FRPL	32.75	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	AUJ	Fuel Oil 3.5% FOB Med Cargoes BALMO Swap Day 10	Fut	Electronic	21.75	USD	FRPL	11	USD	FRPL	32.75	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	AUK	Fuel Oil 3.5% FOB Med Cargoes BALMO Swap Day 11	Fut	Electronic	21.75	USD	FRPL	11	USD	FRPL	32.75	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	AUL	Fuel Oil 3.5% FOB Med Cargoes BALMO Swap Day 12	Fut	Electronic	21.75	USD	FRPL	11	USD	FRPL	32.75	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	AUM	Fuel Oil 3.5% FOB Med Cargoes BALMO Swap Day 13	Fut	Electronic	21.75	USD	FRPL	11	USD	FRPL	32.75	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	AUN	Fuel Oil 3.5% FOB Med Cargoes BALMO Swap Day 14	Fut	Electronic	21.75	USD	FRPL	11	USD	FRPL	32.75	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	AUO	Fuel Oil 3.5% FOB Med Cargoes BALMO Swap Day 15	Fut	Electronic	21.75	USD	FRPL	11	USD	FRPL	32.75	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	AUP	Fuel Oil 3.5% FOB Med Cargoes BALMO Swap Day 16	Fut	Electronic	21.75	USD	FRPL	11	USD	FRPL	32.75	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	AUQ	Fuel Oil 3.5% FOB Med Cargoes BALMO Swap Day 17	Fut	Electronic	21.75	USD	FRPL	11	USD	FRPL	32.75	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	AUR	Fuel Oil 3.5% FOB Med Cargoes BALMO Swap Day 18	Fut	Electronic	21.75	USD	FRPL	11	USD	FRPL	32.75	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	AUS	Fuel Oil 3.5% FOB Med Cargoes BALMO Swap Day 19	Fut	Electronic	21.75	USD	FRPL	11	USD	FRPL	32.75	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	AUT	Fuel Oil 3.5% FOB Med Cargoes BALMO Swap Day 20	Fut	Electronic	21.75	USD	FRPL	11	USD	FRPL	32.75	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	AUU	Fuel Oil 3.5% FOB Med Cargoes BALMO Swap Day 21	Fut	Electronic	21.75	USD	FRPL	11	USD	FRPL	32.75	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	AUV	Fuel Oil 3.5% FOB Med Cargoes BALMO Swap Day 22	Fut	Electronic	21.75	USD	FRPL	11	USD	FRPL	32.75	0.2	USD	FRPL

Exch Code	Exch Desc	Comm Group	Prod Code	Product Desc	F/O	Platform	Trd Fee	Trd Fee Cur	Trd Fee Meth	Clr Fee	Clr Fee Cur	Clr Fee Meth	Fee Total	Brk Fee	Brk Fee Cur	Brk Fee Meth
ICE	Intercontinental Exchange	Energy	AUW	Fuel Oil 3.5% FOB Med Cargoes BALMO Swap Day 23	Fut	Electronic	21.75	USD	FRPL	11	USD	FRPL	32.75	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	AUX	Fuel Oil 3.5% FOB Med Cargoes BALMO Swap Day 24	Fut	Electronic	21.75	USD	FRPL	11	USD	FRPL	32.75	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	AUY	Fuel Oil 3.5% FOB Med Cargoes BALMO Swap Day 25	Fut	Electronic	21.75	USD	FRPL	11	USD	FRPL	32.75	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	AUZ	Fuel Oil 3.5% FOB Med Cargoes BALMO Swap Day 26	Fut	Electronic	21.75	USD	FRPL	11	USD	FRPL	32.75	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	AVA	Fuel Oil 3.5% FOB Med Cargoes BALMO Swap Day 27	Fut	Electronic	21.75	USD	FRPL	11	USD	FRPL	32.75	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	AVB	Fuel Oil 3.5% FOB Med Cargoes BALMO Swap Day 28	Fut	Electronic	21.75	USD	FRPL	11	USD	FRPL	32.75	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	AVC	Fuel Oil 3.5% FOB Med Cargoes BALMO Swap Day 29	Fut	Electronic	21.75	USD	FRPL	11	USD	FRPL	32.75	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	AVD	Fuel Oil 3.5% FOB Med Cargoes BALMO Swap Day 30	Fut	Electronic	21.75	USD	FRPL	11	USD	FRPL	32.75	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	AVE	Fuel Oil 3.5% FOB Med Cargoes BALMO Swap Day 31	Fut	Electronic	21.75	USD	FRPL	11	USD	FRPL	32.75	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	AWA	Fuel Oil 1% FOB Rotterdam Barges BALMO Swap Day 1	Fut	Electronic	21.75	USD	FRPL	11	USD	FRPL	32.75	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	AWB	Fuel Oil 1% FOB Rotterdam Barges BALMO Swap Day 2	Fut	Electronic	21.75	USD	FRPL	11	USD	FRPL	32.75	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	AWC	Fuel Oil 1% FOB Rotterdam Barges BALMO Swap Day 3	Fut	Electronic	21.75	USD	FRPL	11	USD	FRPL	32.75	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	AWD	Fuel Oil 1% FOB Rotterdam Barges BALMO Swap Day 4	Fut	Electronic	21.75	USD	FRPL	11	USD	FRPL	32.75	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	AWE	Fuel Oil 1% FOB Rotterdam Barges BALMO Swap Day 5	Fut	Electronic	21.75	USD	FRPL	11	USD	FRPL	32.75	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	AWF	Fuel Oil 1% FOB Rotterdam Barges BALMO Swap Day 6	Fut	Electronic	21.75	USD	FRPL	11	USD	FRPL	32.75	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	AWG	Fuel Oil 1% FOB Rotterdam Barges BALMO Swap Day 7	Fut	Electronic	21.75	USD	FRPL	11	USD	FRPL	32.75	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	AWH	Fuel Oil 1% FOB Rotterdam Barges BALMO Swap Day 8	Fut	Electronic	21.75	USD	FRPL	11	USD	FRPL	32.75	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	AWI	Fuel Oil 1% FOB Rotterdam Barges BALMO Swap Day 9	Fut	Electronic	21.75	USD	FRPL	11	USD	FRPL	32.75	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	AWJ	Fuel Oil 1% FOB Rotterdam Barges BALMO Swap Day 10	Fut	Electronic	21.75	USD	FRPL	11	USD	FRPL	32.75	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	AWK	Fuel Oil 1% FOB Rotterdam Barges BALMO Swap Day 11	Fut	Electronic	21.75	USD	FRPL	11	USD	FRPL	32.75	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	AWL	Fuel Oil 1% FOB Rotterdam Barges BALMO Swap Day 12	Fut	Electronic	21.75	USD	FRPL	11	USD	FRPL	32.75	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	AWM	Fuel Oil 1% FOB Rotterdam Barges BALMO Swap Day 13	Fut	Electronic	21.75	USD	FRPL	11	USD	FRPL	32.75	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	AWN	Fuel Oil 1% FOB Rotterdam Barges BALMO Swap Day 14	Fut	Electronic	21.75	USD	FRPL	11	USD	FRPL	32.75	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	AWO	Fuel Oil 1% FOB Rotterdam Barges BALMO Swap Day 15	Fut	Electronic	21.75	USD	FRPL	11	USD	FRPL	32.75	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	AWP	Fuel Oil 1% FOB Rotterdam Barges BALMO Swap Day 16	Fut	Electronic	21.75	USD	FRPL	11	USD	FRPL	32.75	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	AWQ	Fuel Oil 1% FOB Rotterdam Barges BALMO Swap Day 17	Fut	Electronic	21.75	USD	FRPL	11	USD	FRPL	32.75	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	AWR	Fuel Oil 1% FOB Rotterdam Barges BALMO Swap Day 18	Fut	Electronic	21.75	USD	FRPL	11	USD	FRPL	32.75	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	AWS	Fuel Oil 1% FOB Rotterdam Barges BALMO Swap Day 19	Fut	Electronic	21.75	USD	FRPL	11	USD	FRPL	32.75	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	AWT	Fuel Oil 1% FOB Rotterdam Barges BALMO Swap Day 20	Fut	Electronic	21.75	USD	FRPL	11	USD	FRPL	32.75	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	AWU	Fuel Oil 1% FOB Rotterdam Barges BALMO Swap Day 21	Fut	Electronic	21.75	USD	FRPL	11	USD	FRPL	32.75	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	AWV	Fuel Oil 1% FOB Rotterdam Barges BALMO Swap Day 22	Fut	Electronic	21.75	USD	FRPL	11	USD	FRPL	32.75	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	AWW	Fuel Oil 1% FOB Rotterdam Barges BALMO Swap Day 23	Fut	Electronic	21.75	USD	FRPL	11	USD	FRPL	32.75	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	AWX	Fuel Oil 1% FOB Rotterdam Barges BALMO Swap Day 24	Fut	Electronic	21.75	USD	FRPL	11	USD	FRPL	32.75	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	AWY	Fuel Oil 1% FOB Rotterdam Barges BALMO Swap Day 25	Fut	Electronic	21.75	USD	FRPL	11	USD	FRPL	32.75	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	AWZ	Fuel Oil 1% FOB Rotterdam Barges BALMO Swap Day 26	Fut	Electronic	21.75	USD	FRPL	11	USD	FRPL	32.75	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	AXA	Fuel Oil 1% FOB Rotterdam Barges BALMO Swap Day 27	Fut	Electronic	21.75	USD	FRPL	11	USD	FRPL	32.75	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	AXB	Fuel Oil 1% FOB Rotterdam Barges BALMO Swap Day 28	Fut	Electronic	21.75	USD	FRPL	11	USD	FRPL	32.75	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	AXC	Fuel Oil 1% FOB Rotterdam Barges BALMO Swap Day 29	Fut	Electronic	21.75	USD	FRPL	11	USD	FRPL	32.75	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	AXD	Fuel Oil 1% FOB Rotterdam Barges BALMO Swap Day 30	Fut	Electronic	21.75	USD	FRPL	11	USD	FRPL	32.75	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	AXE	Fuel Oil 1% FOB Rotterdam Barges BALMO Swap Day 31	Fut	Electronic	21.75	USD	FRPL	11	USD	FRPL	32.75	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	AYA	Euro-BOB OXY FOB Rotterdam Barges BALMO Swap Day 1	Fut	Electronic	31.65	USD	FRPL	11	USD	FRPL	42.65	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	AYB	Euro-BOB OXY FOB Rotterdam Barges BALMO Swap Day 2	Fut	Electronic	31.65	USD	FRPL	11	USD	FRPL	42.65	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	AYC	Euro-BOB OXY FOB Rotterdam Barges BALMO Swap Day 3	Fut	Electronic	31.65	USD	FRPL	11	USD	FRPL	42.65	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	AYD	Euro-BOB OXY FOB Rotterdam Barges BALMO Swap Day 4	Fut	Electronic	31.65	USD	FRPL	11	USD	FRPL	42.65	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	AYE	Euro-BOB OXY FOB Rotterdam Barges BALMO Swap Day 5	Fut	Electronic	31.65	USD	FRPL	11	USD	FRPL	42.65	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	AYF	Euro-BOB OXY FOB Rotterdam Barges BALMO Swap Day 6	Fut	Electronic	31.65	USD	FRPL	11	USD	FRPL	42.65	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	AYG	Euro-BOB OXY FOB Rotterdam Barges BALMO Swap Day 7	Fut	Electronic	31.65	USD	FRPL	11	USD	FRPL	42.65	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	AYH	Euro-BOB OXY FOB Rotterdam Barges BALMO Swap Day 8	Fut	Electronic	31.65	USD	FRPL	11	USD	FRPL	42.65	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	AYI	Euro-BOB OXY FOB Rotterdam Barges BALMO Swap Day 9	Fut	Electronic	31.65	USD	FRPL	11	USD	FRPL	42.65	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	AYJ	Euro-BOB OXY FOB Rotterdam Barges BALMO Swap Day 10	Fut	Electronic	31.65	USD	FRPL	11	USD	FRPL	42.65	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	AYK	Euro-BOB OXY FOB Rotterdam Barges BALMO Swap Day 11	Fut	Electronic	31.65	USD	FRPL	11	USD	FRPL	42.65	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	AYL	Euro-BOB OXY FOB Rotterdam Barges BALMO Swap Day 12	Fut	Electronic	31.65	USD	FRPL	11	USD	FRPL	42.65	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	AYM	Euro-BOB OXY FOB Rotterdam Barges BALMO Swap Day 13	Fut	Electronic	31.65	USD	FRPL	11	USD	FRPL	42.65	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	AYN	Euro-BOB OXY FOB Rotterdam Barges BALMO Swap Day 14	Fut	Electronic	31.65	USD	FRPL	11	USD	FRPL	42.65	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	AYO	Euro-BOB OXY FOB Rotterdam Barges BALMO Swap Day 15	Fut	Electronic	31.65	USD	FRPL	11	USD	FRPL	42.65	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	AYP	Euro-BOB OXY FOB Rotterdam Barges BALMO Swap Day 16	Fut	Electronic	31.65	USD	FRPL	11	USD	FRPL	42.65	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	AYQ	Euro-BOB OXY FOB Rotterdam Barges BALMO Swap Day 17	Fut	Electronic	31.65	USD	FRPL	11	USD	FRPL	42.65	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	AYR	Euro-BOB OXY FOB Rotterdam Barges BALMO Swap Day 18	Fut	Electronic	31.65	USD	FRPL	11	USD	FRPL	42.65	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	AYS	Euro-BOB OXY FOB Rotterdam Barges BALMO Swap Day 19	Fut	Electronic	31.65	USD	FRPL	11	USD	FRPL	42.65	0.2	USD	FRPL

Exch Code	Exch Desc	Comm Group	Prod Code	Product Desc	F/O	Platform	Trd Fee	Trd Fee Cur	Trd Fee Meth	Clr Fee	Clr Fee Cur	Clr Fee Meth	Fee Total	Brk Fee	Brk Fee Cur	Brk Fee Meth
ICE	Intercontinental Exchange	Energy	AYT	Euro-BOB OXY FOB Rotterdam Barges BALMO Swap Day 20	Fut	Electronic	31.65	USD	FRPL	11	USD	FRPL	42.65	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	AYU	Euro-BOB OXY FOB Rotterdam Barges BALMO Swap Day 21	Fut	Electronic	31.65	USD	FRPL	11	USD	FRPL	42.65	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	AYV	Euro-BOB OXY FOB Rotterdam Barges BALMO Swap Day 22	Fut	Electronic	31.65	USD	FRPL	11	USD	FRPL	42.65	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	AYW	Euro-BOB OXY FOB Rotterdam Barges BALMO Swap Day 23	Fut	Electronic	31.65	USD	FRPL	11	USD	FRPL	42.65	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	AYX	Euro-BOB OXY FOB Rotterdam Barges BALMO Swap Day 24	Fut	Electronic	31.65	USD	FRPL	11	USD	FRPL	42.65	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	AYY	Euro-BOB OXY FOB Rotterdam Barges BALMO Swap Day 25	Fut	Electronic	31.65	USD	FRPL	11	USD	FRPL	42.65	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	AYZ	Euro-BOB OXY FOB Rotterdam Barges BALMO Swap Day 26	Fut	Electronic	31.65	USD	FRPL	11	USD	FRPL	42.65	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	AZA	Euro-BOB OXY FOB Rotterdam Barges BALMO Swap Day 27	Fut	Electronic	31.65	USD	FRPL	11	USD	FRPL	42.65	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	AZB	Euro-BOB OXY FOB Rotterdam Barges BALMO Swap Day 28	Fut	Electronic	31.65	USD	FRPL	11	USD	FRPL	42.65	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	AZC	Euro-BOB OXY FOB Rotterdam Barges BALMO Swap Day 29	Fut	Electronic	31.65	USD	FRPL	11	USD	FRPL	42.65	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	AZD	Euro-BOB OXY FOB Rotterdam Barges BALMO Swap Day 30	Fut	Electronic	31.65	USD	FRPL	11	USD	FRPL	42.65	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	AZE	Euro-BOB OXY FOB Rotterdam Barges BALMO Swap Day 31	Fut	Electronic	31.65	USD	FRPL	11	USD	FRPL	42.65	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	BAM	Mini 3.5% FOB RDAM Barges Fuel Oil Swap	Fut	Electronic	2.18	USD	FRPL	1.09	USD	FRPL	3.27	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	BAR	Fuel Oil 3.5% FOB Rotterdam Barges Swap	Fut	Electronic	21.75	USD	FRPL	11	USD	FRPL	32.75	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	BAR	Fuel Oil 3.5% FOB Rotterdam Barges Swap	Opt	Electronic	21.75	USD	FRPL	11	USD	FRPL	32.75	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	BBA	Dated Brent vs Brent 1st Line BALMO Swap Day 1	Fut	Electronic	1.25	USD	FRPL	1.34	USD	FRPL	2.59	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	BBB	Dated Brent vs Brent 1st Line BALMO Swap Day 2	Fut	Electronic	1.25	USD	FRPL	1.34	USD	FRPL	2.59	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	BBC	Dated Brent vs Brent 1st Line BALMO Swap Day 3	Fut	Electronic	1.25	USD	FRPL	1.34	USD	FRPL	2.59	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	BBD	Dated Brent vs Brent 1st Line BALMO Swap Day 4	Fut	Electronic	1.25	USD	FRPL	1.34	USD	FRPL	2.59	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	BBE	Dated Brent vs Brent 1st Line BALMO Swap Day 5	Fut	Electronic	1.25	USD	FRPL	1.34	USD	FRPL	2.59	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	BBF	Dated Brent vs Brent 1st Line BALMO Swap Day 6	Fut	Electronic	1.25	USD	FRPL	1.34	USD	FRPL	2.59	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	BBG	Dated Brent vs Brent 1st Line BALMO Swap Day 7	Fut	Electronic	1.25	USD	FRPL	1.34	USD	FRPL	2.59	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	BBH	Dated Brent vs Brent 1st Line BALMO Swap Day 8	Fut	Electronic	1.25	USD	FRPL	1.34	USD	FRPL	2.59	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	BBI	Dated Brent vs Brent 1st Line BALMO Swap Day 9	Fut	Electronic	1.25	USD	FRPL	1.34	USD	FRPL	2.59	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	BBJ	Dated Brent vs Brent 1st Line BALMO Swap Day 10	Fut	Electronic	1.25	USD	FRPL	1.34	USD	FRPL	2.59	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	BBK	Dated Brent vs Brent 1st Line BALMO Swap Day 11	Fut	Electronic	1.25	USD	FRPL	1.34	USD	FRPL	2.59	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	BBL	Dated Brent vs Brent 1st Line BALMO Swap Day 12	Fut	Electronic	1.25	USD	FRPL	1.34	USD	FRPL	2.59	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	BBM	Dated Brent vs Brent 1st Line BALMO Swap Day 13	Fut	Electronic	1.25	USD	FRPL	1.34	USD	FRPL	2.59	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	BBN	Dated Brent vs Brent 1st Line BALMO Swap Day 14	Fut	Electronic	1.25	USD	FRPL	1.34	USD	FRPL	2.59	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	BBO	Dated Brent vs Brent 1st Line BALMO Swap Day 15	Fut	Electronic	1.25	USD	FRPL	1.34	USD	FRPL	2.59	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	BBP	Dated Brent vs Brent 1st Line BALMO Swap Day 16	Fut	Electronic	1.25	USD	FRPL	1.34	USD	FRPL	2.59	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	BBQ	Dated Brent vs Brent 1st Line BALMO Swap Day 17	Fut	Electronic	1.25	USD	FRPL	1.34	USD	FRPL	2.59	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	BBR	Dated Brent vs Brent 1st Line BALMO Swap Day 18	Fut	Electronic	1.25	USD	FRPL	1.34	USD	FRPL	2.59	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	BBS	Dated Brent vs Brent 1st Line BALMO Swap Day 19	Fut	Electronic	1.25	USD	FRPL	1.34	USD	FRPL	2.59	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	BBT	Dated Brent vs Brent 1st Line BALMO Swap Day 20	Fut	Electronic	1.25	USD	FRPL	1.34	USD	FRPL	2.59	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	BBU	Dated Brent vs Brent 1st Line BALMO Swap Day 21	Fut	Electronic	1.25	USD	FRPL	1.34	USD	FRPL	2.59	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	BBV	Dated Brent vs Brent 1st Line BALMO Swap Day 22	Fut	Electronic	1.25	USD	FRPL	1.34	USD	FRPL	2.59	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	BBW	Dated Brent vs Brent 1st Line BALMO Swap Day 23	Fut	Electronic	1.25	USD	FRPL	1.34	USD	FRPL	2.59	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	BBX	Dated Brent vs Brent 1st Line BALMO Swap Day 24	Fut	Electronic	1.25	USD	FRPL	1.34	USD	FRPL	2.59	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	BBY	Dated Brent vs Brent 1st Line BALMO Swap Day 25	Fut	Electronic	1.25	USD	FRPL	1.34	USD	FRPL	2.59	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	BBZ	Dated Brent vs Brent 1st Line BALMO Swap Day 26	Fut	Electronic	1.25	USD	FRPL	1.34	USD	FRPL	2.59	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	BCA	Dated Brent vs Brent 1st Line BALMO Swap Day 27	Fut	Electronic	1.25	USD	FRPL	1.34	USD	FRPL	2.59	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	BCB	Dated Brent vs Brent 1st Line BALMO Swap Day 28	Fut	Electronic	1.25	USD	FRPL	1.34	USD	FRPL	2.59	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	BCC	Dated Brent vs Brent 1st Line BALMO Swap Day 29	Fut	Electronic	1.25	USD	FRPL	1.34	USD	FRPL	2.59	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	BCD	Dated Brent vs Brent 1st Line BALMO Swap Day 30	Fut	Electronic	1.25	USD	FRPL	1.34	USD	FRPL	2.59	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	BCE	Dated Brent vs Brent 1st Line BALMO Swap Day 31	Fut	Electronic	1.25	USD	FRPL	1.34	USD	FRPL	2.59	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	BGY	PJM BGE Zone Day Ahead, Peak Monthly	Fut	Electronic	0.04	USD	FRPL	0.12	USD	FRPL	0.16	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	BGZ	PJM BGE Zone Day Ahead, Off-Peak Monthly	Fut	Electronic	0.01	USD	FRPL	0.04	USD	FRPL	0.05	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	BHA	3.5% CIF MED Cargoes Balmo Swap Day 1	Fut	Electronic	21.75	USD	FRPL	11	USD	FRPL	32.75	0.2	USD	FRPL

Exch Code	Exch Desc	Comm Group	Prod Code	Product Desc	F/O	Platform	Trd Fee	Trd Fee Cur	Trd Fee Meth	Clr Fee	Clr Fee Cur	Clr Fee Meth	Fee Total	Brk Fee	Brk Fee Cur	Brk Fee Meth
ICE	Intercontinental Exchange	Energy	BHB	3.5% CIF MED Cargoes Balmo Swap Day 2	Fut	Electronic	21.75	USD	FRPL	11	USD	FRPL	32.75	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	BHC	3.5% CIF MED Cargoes Balmo Swap Day 3	Fut	Electronic	21.75	USD	FRPL	11	USD	FRPL	32.75	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	BHD	3.5% CIF MED Cargoes Balmo Swap Day 4	Fut	Electronic	21.75	USD	FRPL	11	USD	FRPL	32.75	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	BHE	3.5% CIF MED Cargoes Balmo Swap Day 5	Fut	Electronic	21.75	USD	FRPL	11	USD	FRPL	32.75	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	BHF	3.5% CIF MED Cargoes Balmo Swap Day 6	Fut	Electronic	21.75	USD	FRPL	11	USD	FRPL	32.75	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	BHG	3.5% CIF MED Cargoes Balmo Swap Day 7	Fut	Electronic	21.75	USD	FRPL	11	USD	FRPL	32.75	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	BHH	3.5% CIF MED Cargoes Balmo Swap Day 8	Fut	Electronic	21.75	USD	FRPL	11	USD	FRPL	32.75	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	BHI	3.5% CIF MED Cargoes Balmo Swap Day 9	Fut	Electronic	21.75	USD	FRPL	11	USD	FRPL	32.75	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	BHJ	3.5% CIF MED Cargoes Balmo Swap Day 10	Fut	Electronic	21.75	USD	FRPL	11	USD	FRPL	32.75	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	BHK	3.5% CIF MED Cargoes Balmo Swap Day 11	Fut	Electronic	21.75	USD	FRPL	11	USD	FRPL	32.75	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	BHL	3.5% CIF MED Cargoes Balmo Swap Day 12	Fut	Electronic	21.75	USD	FRPL	11	USD	FRPL	32.75	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	BHM	3.5% CIF MED Cargoes Balmo Swap Day 13	Fut	Electronic	21.75	USD	FRPL	11	USD	FRPL	32.75	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	BHN	3.5% CIF MED Cargoes Balmo Swap Day 14	Fut	Electronic	21.75	USD	FRPL	11	USD	FRPL	32.75	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	BHO	3.5% CIF MED Cargoes Balmo Swap Day 15	Fut	Electronic	21.75	USD	FRPL	11	USD	FRPL	32.75	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	BHP	3.5% CIF MED Cargoes Balmo Swap Day 16	Fut	Electronic	21.75	USD	FRPL	11	USD	FRPL	32.75	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	BHQ	3.5% CIF MED Cargoes Balmo Swap Day 17	Fut	Electronic	21.75	USD	FRPL	11	USD	FRPL	32.75	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	BHR	3.5% CIF MED Cargoes Balmo Swap Day 18	Fut	Electronic	21.75	USD	FRPL	11	USD	FRPL	32.75	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	BHS	3.5% CIF MED Cargoes Balmo Swap Day 19	Fut	Electronic	21.75	USD	FRPL	11	USD	FRPL	32.75	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	BHT	3.5% CIF MED Cargoes Balmo Swap Day 20	Fut	Electronic	21.75	USD	FRPL	11	USD	FRPL	32.75	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	BHU	3.5% CIF MED Cargoes Balmo Swap Day 21	Fut	Electronic	21.75	USD	FRPL	11	USD	FRPL	32.75	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	BHV	3.5% CIF MED Cargoes Balmo Swap Day 22	Fut	Electronic	21.75	USD	FRPL	11	USD	FRPL	32.75	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	BHW	3.5% CIF MED Cargoes Balmo Swap Day 23	Fut	Electronic	21.75	USD	FRPL	11	USD	FRPL	32.75	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	BHX	3.5% CIF MED Cargoes Balmo Swap Day 24	Fut	Electronic	21.75	USD	FRPL	11	USD	FRPL	32.75	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	BHY	3.5% CIF MED Cargoes Balmo Swap Day 25	Fut	Electronic	21.75	USD	FRPL	11	USD	FRPL	32.75	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	BHZ	3.5% CIF MED Cargoes Balmo Swap Day 26	Fut	Electronic	21.75	USD	FRPL	11	USD	FRPL	32.75	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	BIA	3.5% CIF MED Cargoes Balmo Swap Day 27	Fut	Electronic	21.75	USD	FRPL	11	USD	FRPL	32.75	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	BIB	3.5% CIF MED Cargoes Balmo Swap Day 28	Fut	Electronic	21.75	USD	FRPL	11	USD	FRPL	32.75	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	BIC	3.5% CIF MED Cargoes Balmo Swap Day 29	Fut	Electronic	21.75	USD	FRPL	11	USD	FRPL	32.75	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	BID	3.5% CIF MED Cargoes Balmo Swap Day 30	Fut	Electronic	21.75	USD	FRPL	11	USD	FRPL	32.75	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	BIE	3.5% CIF MED Cargoes Balmo Swap Day 31	Fut	Electronic	21.75	USD	FRPL	11	USD	FRPL	32.75	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	BJA	380cst Sing Balmo Swap Day 1	Fut	Electronic	21.75	USD	FRPL	11	USD	FRPL	32.75	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	BJB	380cst Sing Balmo Swap Day 2	Fut	Electronic	21.75	USD	FRPL	11	USD	FRPL	32.75	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	BJC	380cst Sing Balmo Swap Day 3	Fut	Electronic	21.75	USD	FRPL	11	USD	FRPL	32.75	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	BJD	380cst Sing Balmo Swap Day 4	Fut	Electronic	21.75	USD	FRPL	11	USD	FRPL	32.75	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	BJE	380cst Sing Balmo Swap Day 5	Fut	Electronic	21.75	USD	FRPL	11	USD	FRPL	32.75	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	BJF	380cst Sing Balmo Swap Day 6	Fut	Electronic	21.75	USD	FRPL	11	USD	FRPL	32.75	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	BJG	380cst Sing Balmo Swap Day 7	Fut	Electronic	21.75	USD	FRPL	11	USD	FRPL	32.75	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	BJH	380cst Sing Balmo Swap Day 8	Fut	Electronic	21.75	USD	FRPL	11	USD	FRPL	32.75	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	BJI	380cst Sing Balmo Swap Day 9	Fut	Electronic	21.75	USD	FRPL	11	USD	FRPL	32.75	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	BJJ	380cst Sing Balmo Swap Day 10	Fut	Electronic	21.75	USD	FRPL	11	USD	FRPL	32.75	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	BJK	380cst Sing Balmo Swap Day 11	Fut	Electronic	21.75	USD	FRPL	11	USD	FRPL	32.75	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	BJL	380cst Sing Balmo Swap Day 12	Fut	Electronic	21.75	USD	FRPL	11	USD	FRPL	32.75	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	BJM	380cst Sing Balmo Swap Day 13	Fut	Electronic	21.75	USD	FRPL	11	USD	FRPL	32.75	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	BJN	380cst Sing Balmo Swap Day 14	Fut	Electronic	21.75	USD	FRPL	11	USD	FRPL	32.75	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	BJO	380cst Sing Balmo Swap Day 15	Fut	Electronic	21.75	USD	FRPL	11	USD	FRPL	32.75	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	BJP	380cst Sing Balmo Swap Day 16	Fut	Electronic	21.75	USD	FRPL	11	USD	FRPL	32.75	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	BJQ	380cst Sing Balmo Swap Day 17	Fut	Electronic	21.75	USD	FRPL	11	USD	FRPL	32.75	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	BJR	380cst Sing Balmo Swap Day 18	Fut	Electronic	21.75	USD	FRPL	11	USD	FRPL	32.75	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	BJS	380cst Sing Balmo Swap Day 19	Fut	Electronic	21.75	USD	FRPL	11	USD	FRPL	32.75	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	BJT	380cst Sing Balmo Swap Day 20	Fut	Electronic	21.75	USD	FRPL	11	USD	FRPL	32.75	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	BJU	380cst Sing Balmo Swap Day 21	Fut	Electronic	21.75	USD	FRPL	11	USD	FRPL	32.75	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	BJV	380cst Sing Balmo Swap Day 22	Fut	Electronic	21.75	USD	FRPL	11	USD	FRPL	32.75	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	BJW	380cst Sing Balmo Swap Day 23	Fut	Electronic	21.75	USD	FRPL	11	USD	FRPL	32.75	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	BJX	380cst Sing Balmo Swap Day 24	Fut	Electronic	21.75	USD	FRPL	11	USD	FRPL	32.75	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	BJY	380cst Sing Balmo Swap Day 25	Fut	Electronic	21.75	USD	FRPL	11	USD	FRPL	32.75	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	BJZ	380cst Sing Balmo Swap Day 26	Fut	Electronic	21.75	USD	FRPL	11	USD	FRPL	32.75	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	BKA	380cst Sing Balmo Swap Day 27	Fut	Electronic	21.75	USD	FRPL	11	USD	FRPL	32.75	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	BKB	380cst Sing Balmo Swap Day 28	Fut	Electronic	21.75	USD	FRPL	11	USD	FRPL	32.75	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	BKC	380cst Sing Balmo Swap Day 29	Fut	Electronic	21.75	USD	FRPL	11	USD	FRPL	32.75	0.2	USD	FRPL

Exch Code	Exch Desc	Comm Group	Prod Code	Product Desc	F/O	Platform	Trd Fee	Trd Fee Cur	Trd Fee Meth	Clr Fee	Clr Fee Cur	Clr Fee Meth	Fee Total	Brk Fee	Brk Fee Cur	Brk Fee Meth
ICE	Intercontinental Exchange	Energy	BKD	380cst Sing Balmo Swap Day 30	Fut	Electronic	21.75	USD	FRPL	11	USD	FRPL	32.75	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	BKE	380cst Sing Balmo Swap Day 31	Fut	Electronic	21.75	USD	FRPL	11	USD	FRPL	32.75	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	BLA	180cst Sing Balmo Swap Day 1	Fut	Electronic	21.75	USD	FRPL	11	USD	FRPL	32.75	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	BLB	180cst Sing Balmo Swap Day 2	Fut	Electronic	21.75	USD	FRPL	11	USD	FRPL	32.75	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	BLC	180cst Sing Balmo Swap Day 3	Fut	Electronic	21.75	USD	FRPL	11	USD	FRPL	32.75	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	BLD	180cst Sing Balmo Swap Day 4	Fut	Electronic	21.75	USD	FRPL	11	USD	FRPL	32.75	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	BLE	180cst Sing Balmo Swap Day 5	Fut	Electronic	21.75	USD	FRPL	11	USD	FRPL	32.75	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	BLF	180cst Sing Balmo Swap Day 6	Fut	Electronic	21.75	USD	FRPL	11	USD	FRPL	32.75	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	BLG	180cst Sing Balmo Swap Day 7	Fut	Electronic	21.75	USD	FRPL	11	USD	FRPL	32.75	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	BLH	180cst Sing Balmo Swap Day 8	Fut	Electronic	21.75	USD	FRPL	11	USD	FRPL	32.75	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	BLI	180cst Sing Balmo Swap Day 9	Fut	Electronic	21.75	USD	FRPL	11	USD	FRPL	32.75	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	BLJ	180cst Sing Balmo Swap Day 10	Fut	Electronic	21.75	USD	FRPL	11	USD	FRPL	32.75	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	BLK	180cst Sing Balmo Swap Day 11	Fut	Electronic	21.75	USD	FRPL	11	USD	FRPL	32.75	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	BLL	180cst Sing Balmo Swap Day 12	Fut	Electronic	21.75	USD	FRPL	11	USD	FRPL	32.75	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	BLM	180cst Sing Balmo Swap Day 13	Fut	Electronic	21.75	USD	FRPL	11	USD	FRPL	32.75	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	BLN	180cst Sing Balmo Swap Day 14	Fut	Electronic	21.75	USD	FRPL	11	USD	FRPL	32.75	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	BLO	180cst Sing Balmo Swap Day 15	Fut	Electronic	21.75	USD	FRPL	11	USD	FRPL	32.75	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	BLP	180cst Sing Balmo Swap Day 16	Fut	Electronic	21.75	USD	FRPL	11	USD	FRPL	32.75	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	BLQ	180cst Sing Balmo Swap Day 17	Fut	Electronic	21.75	USD	FRPL	11	USD	FRPL	32.75	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	BLR	180cst Sing Balmo Swap Day 18	Fut	Electronic	21.75	USD	FRPL	11	USD	FRPL	32.75	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	BLS	180cst Sing Balmo Swap Day 19	Fut	Electronic	21.75	USD	FRPL	11	USD	FRPL	32.75	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	BLT	180cst Sing Balmo Swap Day 20	Fut	Electronic	21.75	USD	FRPL	11	USD	FRPL	32.75	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	BLU	180cst Sing Balmo Swap Day 21	Fut	Electronic	21.75	USD	FRPL	11	USD	FRPL	32.75	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	BLV	180cst Sing Balmo Swap Day 22	Fut	Electronic	21.75	USD	FRPL	11	USD	FRPL	32.75	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	BLW	180cst Sing Balmo Swap Day 23	Fut	Electronic	21.75	USD	FRPL	11	USD	FRPL	32.75	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	BLX	180cst Sing Balmo Swap Day 24	Fut	Electronic	21.75	USD	FRPL	11	USD	FRPL	32.75	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	BLY	180cst Sing Balmo Swap Day 25	Fut	Electronic	21.75	USD	FRPL	11	USD	FRPL	32.75	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	BLZ	180cst Sing Balmo Swap Day 26	Fut	Electronic	21.75	USD	FRPL	11	USD	FRPL	32.75	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	BMA	180cst Sing Balmo Swap Day 27	Fut	Electronic	21.75	USD	FRPL	11	USD	FRPL	32.75	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	BMB	180cst Sing Balmo Swap Day 28	Fut	Electronic	21.75	USD	FRPL	11	USD	FRPL	32.75	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	BMC	180cst Sing Balmo Swap Day 29	Fut	Electronic	21.75	USD	FRPL	11	USD	FRPL	32.75	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	BMD	180cst Sing Balmo Swap Day 30	Fut	Electronic	21.75	USD	FRPL	11	USD	FRPL	32.75	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	BME	180cst Sing Balmo Swap Day 31	Fut	Electronic	21.75	USD	FRPL	11	USD	FRPL	32.75	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	BNB	Brent Bullet Swap	Fut	Electronic	1.25	USD	FRPL	1.34	USD	FRPL	2.59	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	BNL	Brent NX 1st Line Swap	Fut	Electronic	1.25	USD	FRPL	1.34	USD	FRPL	2.59	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	BNL	Brent NX 1st Line Swap	Opt	Electronic	1.25	USD	FRPL	1.34	USD	FRPL	2.59	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	BNU	USGC Jet vs Brent NX 1st Line Swap	Fut	Electronic	3.75	USD	FRPL	1.34	USD	FRPL	5.09	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	BOA	3.5% FOB RDAM Barges vs Brent 1st Line Swap	Fut	Electronic	3.75	USD	FRPL	1.34	USD	FRPL	5.09	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	BOB	Fuel Oil 3.5% FOB Rotterdam Barges vs Brent 1st Line Swap	Fut	Electronic	21.75	USD	FRPL	11	USD	FRPL	32.75	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	BOD	Brent 1st Line vs Dubai 1st Line Swap	Fut	Electronic	1.25	USD	FRPL	1.34	USD	FRPL	2.59	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	BQA	Sing Kero Balmo Swap Day 1	Fut	Electronic	3.75	USD	FRPL	1.34	USD	FRPL	5.09	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	BQB	Sing Kero Balmo Swap Day 2	Fut	Electronic	3.75	USD	FRPL	1.34	USD	FRPL	5.09	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	BQC	Sing Kero Balmo Swap Day 3	Fut	Electronic	3.75	USD	FRPL	1.34	USD	FRPL	5.09	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	BQD	Sing Kero Balmo Swap Day 4	Fut	Electronic	3.75	USD	FRPL	1.34	USD	FRPL	5.09	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	BQE	Sing Kero Balmo Swap Day 5	Fut	Electronic	3.75	USD	FRPL	1.34	USD	FRPL	5.09	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	BQF	Sing Kero Balmo Swap Day 6	Fut	Electronic	3.75	USD	FRPL	1.34	USD	FRPL	5.09	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	BQG	Sing Kero Balmo Swap Day 7	Fut	Electronic	3.75	USD	FRPL	1.34	USD	FRPL	5.09	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	BQH	Sing Kero Balmo Swap Day 8	Fut	Electronic	3.75	USD	FRPL	1.34	USD	FRPL	5.09	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	BQI	Sing Kero Balmo Swap Day 9	Fut	Electronic	3.75	USD	FRPL	1.34	USD	FRPL	5.09	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	BQJ	Sing Kero Balmo Swap Day 10	Fut	Electronic	3.75	USD	FRPL	1.34	USD	FRPL	5.09	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	BQK	Sing Kero Balmo Swap Day 11	Fut	Electronic	3.75	USD	FRPL	1.34	USD	FRPL	5.09	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	BQL	Sing Kero Balmo Swap Day 12	Fut	Electronic	3.75	USD	FRPL	1.34	USD	FRPL	5.09	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	BQM	Sing Kero Balmo Swap Day 13	Fut	Electronic	3.75	USD	FRPL	1.34	USD	FRPL	5.09	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	BQN	Sing Kero Balmo Swap Day 14	Fut	Electronic	3.75	USD	FRPL	1.34	USD	FRPL	5.09	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	BQO	Sing Kero Balmo Swap Day 15	Fut	Electronic	3.75	USD	FRPL	1.34	USD	FRPL	5.09	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	BQP	Sing Kero Balmo Swap Day 16	Fut	Electronic	3.75	USD	FRPL	1.34	USD	FRPL	5.09	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	BQQ	Sing Kero Balmo Swap Day 17	Fut	Electronic	3.75	USD	FRPL	1.34	USD	FRPL	5.09	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	BQR	Sing Kero Balmo Swap Day 18	Fut	Electronic	3.75	USD	FRPL	1.34	USD	FRPL	5.09	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	BQS	Sing Kero Balmo Swap Day 19	Fut	Electronic	3.75	USD	FRPL	1.34	USD	FRPL	5.09	0.2	USD	FRPL

Exch Code	Exch Desc	Comm Group	Prod Code	Product Desc	F/O	Platform	Trd Fee	Trd Fee Cur	Trd Fee Meth	Clr Fee	Clr Fee Cur	Clr Fee Meth	Fee Total	Brk Fee	Brk Fee Cur	Brk Fee Meth
ICE	Intercontinental Exchange	Energy	BQT	Sing Kero Balmo Swap Day 20	Fut	Electronic	3.75	USD	FRPL	1.34	USD	FRPL	5.09	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	BQU	Sing Kero Balmo Swap Day 21	Fut	Electronic	3.75	USD	FRPL	1.34	USD	FRPL	5.09	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	BQV	Sing Kero Balmo Swap Day 22	Fut	Electronic	3.75	USD	FRPL	1.34	USD	FRPL	5.09	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	BQW	Sing Kero Balmo Swap Day 23	Fut	Electronic	3.75	USD	FRPL	1.34	USD	FRPL	5.09	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	BQX	Sing Kero Balmo Swap Day 24	Fut	Electronic	3.75	USD	FRPL	1.34	USD	FRPL	5.09	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	BQY	Sing Kero Balmo Swap Day 25	Fut	Electronic	3.75	USD	FRPL	1.34	USD	FRPL	5.09	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	BQZ	Sing Kero Balmo Swap Day 26	Fut	Electronic	3.75	USD	FRPL	1.34	USD	FRPL	5.09	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	BRA	Sing Kero Balmo Swap Day 27	Fut	Electronic	3.75	USD	FRPL	1.34	USD	FRPL	5.09	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	BRB	Sing Kero Balmo Swap Day 28	Fut	Electronic	3.75	USD	FRPL	1.34	USD	FRPL	5.09	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	BRC	Sing Kero Balmo Swap Day 29	Fut	Electronic	3.75	USD	FRPL	1.34	USD	FRPL	5.09	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	BRD	Sing Kero Balmo Swap Day 30	Fut	Electronic	3.75	USD	FRPL	1.34	USD	FRPL	5.09	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	BRE	Sing Kero Balmo Swap Day 31	Fut	Electronic	3.75	USD	FRPL	1.34	USD	FRPL	5.09	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	BRM	Brent Crude Oil 1-Month Calendar Spread	Opt	Electronic	1.25	USD	FRPL	1.34	USD	FRPL	2.59	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	BRZ	Brent Crude Oil 12-Month Calendar Spread	Opt	Electronic	1.25	USD	FRPL	1.34	USD	FRPL	2.59	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	BTD	WTI 1st Line/Brent 1st Line	Fut	Electronic	1.25	USD	FRPL	1.34	USD	FRPL	2.59	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	BUL	Brent Crude	Opt	Electronic	1.25	USD	FRPL	1.34	USD	FRPL	2.59	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	BVA	0.5% Sing Balmo Swap Day 1	Fut	Electronic	3.75	USD	FRPL	1.34	USD	FRPL	5.09	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	BVB	0.5% Sing Balmo Swap Day 2	Fut	Electronic	3.75	USD	FRPL	1.34	USD	FRPL	5.09	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	BVC	0.5% Sing Balmo Swap Day 3	Fut	Electronic	3.75	USD	FRPL	1.34	USD	FRPL	5.09	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	BVD	0.5% Sing Balmo Swap Day 4	Fut	Electronic	3.75	USD	FRPL	1.34	USD	FRPL	5.09	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	BVE	0.5% Sing Balmo Swap Day 5	Fut	Electronic	3.75	USD	FRPL	1.34	USD	FRPL	5.09	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	BVF	0.5% Sing Balmo Swap Day 6	Fut	Electronic	3.75	USD	FRPL	1.34	USD	FRPL	5.09	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	BVG	0.5% Sing Balmo Swap Day 7	Fut	Electronic	3.75	USD	FRPL	1.34	USD	FRPL	5.09	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	BVH	0.5% Sing Balmo Swap Day 8	Fut	Electronic	3.75	USD	FRPL	1.34	USD	FRPL	5.09	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	BVI	0.5% Sing Balmo Swap Day 9	Fut	Electronic	3.75	USD	FRPL	1.34	USD	FRPL	5.09	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	BVJ	0.5% Sing Balmo Swap Day 10	Fut	Electronic	3.75	USD	FRPL	1.34	USD	FRPL	5.09	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	BVK	0.5% Sing Balmo Swap Day 11	Fut	Electronic	3.75	USD	FRPL	1.34	USD	FRPL	5.09	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	BVL	0.5% Sing Balmo Swap Day 12	Fut	Electronic	3.75	USD	FRPL	1.34	USD	FRPL	5.09	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	BVM	0.5% Sing Balmo Swap Day 13	Fut	Electronic	3.75	USD	FRPL	1.34	USD	FRPL	5.09	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	BVN	0.5% Sing Balmo Swap Day 14	Fut	Electronic	3.75	USD	FRPL	1.34	USD	FRPL	5.09	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	BVO	0.5% Sing Balmo Swap Day 15	Fut	Electronic	3.75	USD	FRPL	1.34	USD	FRPL	5.09	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	BVP	0.5% Sing Balmo Swap Day 16	Fut	Electronic	3.75	USD	FRPL	1.34	USD	FRPL	5.09	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	BVQ	0.5% Sing Balmo Swap Day 17	Fut	Electronic	3.75	USD	FRPL	1.34	USD	FRPL	5.09	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	BVR	0.5% Sing Balmo Swap Day 18	Fut	Electronic	3.75	USD	FRPL	1.34	USD	FRPL	5.09	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	BVS	0.5% Sing Balmo Swap Day 19	Fut	Electronic	3.75	USD	FRPL	1.34	USD	FRPL	5.09	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	BVT	0.5% Sing Balmo Swap Day 20	Fut	Electronic	3.75	USD	FRPL	1.34	USD	FRPL	5.09	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	BVU	0.5% Sing Balmo Swap Day 21	Fut	Electronic	3.75	USD	FRPL	1.34	USD	FRPL	5.09	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	BVV	0.5% Sing Balmo Swap Day 22	Fut	Electronic	3.75	USD	FRPL	1.34	USD	FRPL	5.09	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	BVW	0.5% Sing Balmo Swap Day 23	Fut	Electronic	3.75	USD	FRPL	1.34	USD	FRPL	5.09	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	BVX	0.5% Sing Balmo Swap Day 24	Fut	Electronic	3.75	USD	FRPL	1.34	USD	FRPL	5.09	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	BVY	0.5% Sing Balmo Swap Day 25	Fut	Electronic	3.75	USD	FRPL	1.34	USD	FRPL	5.09	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	BVZ	0.5% Sing Balmo Swap Day 26	Fut	Electronic	3.75	USD	FRPL	1.34	USD	FRPL	5.09	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	BWA	0.5% Sing Balmo Swap Day 27	Fut	Electronic	3.75	USD	FRPL	1.34	USD	FRPL	5.09	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	BWB	0.5% Sing Balmo Swap Day 28	Fut	Electronic	3.75	USD	FRPL	1.34	USD	FRPL	5.09	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	BWC	0.5% Sing Balmo Swap Day 29	Fut	Electronic	3.75	USD	FRPL	1.34	USD	FRPL	5.09	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	BWD	0.5% Sing Balmo Swap Day 30	Fut	Electronic	3.75	USD	FRPL	1.34	USD	FRPL	5.09	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	BWE	0.5% Sing Balmo Swap Day 31	Fut	Electronic	3.75	USD	FRPL	1.34	USD	FRPL	5.09	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	BXA	Fuel Oil 3.5% FOB Rotterdam Barges BALMO Swap Day 1	Fut	Electronic	21.75	USD	FRPL	11	USD	FRPL	32.75	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	BXB	Fuel Oil 3.5% FOB Rotterdam Barges BALMO Swap Day 2	Fut	Electronic	21.75	USD	FRPL	11	USD	FRPL	32.75	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	BXC	Fuel Oil 3.5% FOB Rotterdam Barges BALMO Swap Day 3	Fut	Electronic	21.75	USD	FRPL	11	USD	FRPL	32.75	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	BXD	Fuel Oil 3.5% FOB Rotterdam Barges BALMO Swap Day 4	Fut	Electronic	21.75	USD	FRPL	11	USD	FRPL	32.75	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	BXE	Fuel Oil 3.5% FOB Rotterdam Barges BALMO Swap Day 5	Fut	Electronic	21.75	USD	FRPL	11	USD	FRPL	32.75	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	BXF	Fuel Oil 3.5% FOB Rotterdam Barges BALMO Swap Day 6	Fut	Electronic	21.75	USD	FRPL	11	USD	FRPL	32.75	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	BXG	Fuel Oil 3.5% FOB Rotterdam Barges BALMO Swap Day 7	Fut	Electronic	21.75	USD	FRPL	11	USD	FRPL	32.75	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	BXH	Fuel Oil 3.5% FOB Rotterdam Barges BALMO Swap Day 8	Fut	Electronic	21.75	USD	FRPL	11	USD	FRPL	32.75	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	BXI	Fuel Oil 3.5% FOB Rotterdam Barges BALMO Swap Day 9	Fut	Electronic	21.75	USD	FRPL	11	USD	FRPL	32.75	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	BXJ	Fuel Oil 3.5% FOB Rotterdam Barges BALMO Swap Day 10	Fut	Electronic	21.75	USD	FRPL	11	USD	FRPL	32.75	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	BXK	Fuel Oil 3.5% FOB Rotterdam Barges BALMO Swap Day 11	Fut	Electronic	21.75	USD	FRPL	11	USD	FRPL	32.75	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	BXL	Fuel Oil 3.5% FOB Rotterdam Barges BALMO Swap Day 12	Fut	Electronic	21.75	USD	FRPL	11	USD	FRPL	32.75	0.2	USD	FRPL

Exch Code	Exch Desc	Comm Group	Prod Code	Product Desc	F/O	Platform	Trd Fee	Trd Fee Cur	Trd Fee Meth	Clr Fee	Clr Fee Cur	Clr Fee Meth	Fee Total	Brk Fee	Brk Fee Cur	Brk Fee Meth
ICE	Intercontinental Exchange	Energy	BXM	Fuel Oil 3.5% FOB Rotterdam Barges BALMO Swap Day 13	Fut	Electronic	21.75	USD	FRPL	11	USD	FRPL	32.75	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	BXN	Fuel Oil 3.5% FOB Rotterdam Barges BALMO Swap Day 14	Fut	Electronic	21.75	USD	FRPL	11	USD	FRPL	32.75	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	BXO	Fuel Oil 3.5% FOB Rotterdam Barges BALMO Swap Day 15	Fut	Electronic	21.75	USD	FRPL	11	USD	FRPL	32.75	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	BXP	Fuel Oil 3.5% FOB Rotterdam Barges BALMO Swap Day 16	Fut	Electronic	21.75	USD	FRPL	11	USD	FRPL	32.75	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	BXQ	Fuel Oil 3.5% FOB Rotterdam Barges BALMO Swap Day 17	Fut	Electronic	21.75	USD	FRPL	11	USD	FRPL	32.75	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	BXR	Fuel Oil 3.5% FOB Rotterdam Barges BALMO Swap Day 18	Fut	Electronic	21.75	USD	FRPL	11	USD	FRPL	32.75	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	BXS	Fuel Oil 3.5% FOB Rotterdam Barges BALMO Swap Day 19	Fut	Electronic	21.75	USD	FRPL	11	USD	FRPL	32.75	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	BXT	Fuel Oil 3.5% FOB Rotterdam Barges BALMO Swap Day 20	Fut	Electronic	21.75	USD	FRPL	11	USD	FRPL	32.75	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	BXU	Fuel Oil 3.5% FOB Rotterdam Barges BALMO Swap Day 21	Fut	Electronic	21.75	USD	FRPL	11	USD	FRPL	32.75	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	BXV	Fuel Oil 3.5% FOB Rotterdam Barges BALMO Swap Day 22	Fut	Electronic	21.75	USD	FRPL	11	USD	FRPL	32.75	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	BXW	Fuel Oil 3.5% FOB Rotterdam Barges BALMO Swap Day 23	Fut	Electronic	21.75	USD	FRPL	11	USD	FRPL	32.75	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	BXX	Fuel Oil 3.5% FOB Rotterdam Barges BALMO Swap Day 24	Fut	Electronic	21.75	USD	FRPL	11	USD	FRPL	32.75	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	BXY	Fuel Oil 3.5% FOB Rotterdam Barges BALMO Swap Day 25	Fut	Electronic	21.75	USD	FRPL	11	USD	FRPL	32.75	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	BXZ	Fuel Oil 3.5% FOB Rotterdam Barges BALMO Swap Day 26	Fut	Electronic	21.75	USD	FRPL	11	USD	FRPL	32.75	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	BYA	Fuel Oil 3.5% FOB Rotterdam Barges BALMO Swap Day 27	Fut	Electronic	21.75	USD	FRPL	11	USD	FRPL	32.75	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	BYB	Fuel Oil 3.5% FOB Rotterdam Barges BALMO Swap Day 28	Fut	Electronic	21.75	USD	FRPL	11	USD	FRPL	32.75	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	BYC	Fuel Oil 3.5% FOB Rotterdam Barges BALMO Swap Day 29	Fut	Electronic	21.75	USD	FRPL	11	USD	FRPL	32.75	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	BYD	Fuel Oil 3.5% FOB Rotterdam Barges BALMO Swap Day 30	Fut	Electronic	21.75	USD	FRPL	11	USD	FRPL	32.75	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	BYE	Fuel Oil 3.5% FOB Rotterdam Barges BALMO Swap Day 31	Fut	Electronic	21.75	USD	FRPL	11	USD	FRPL	32.75	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	CAL	California Carbon Allowance Vintage 2013	Fut	Electronic	2	USD	FRPL	3	USD	FRPL	5	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	CAL	California Carbon Allowance Vintage 2013	Opt	Electronic	2	USD	FRPL	3	USD	FRPL	5	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	CAM	California Carbon Allowance Vintage 2014	Fut	Electronic	2	USD	FRPL	3	USD	FRPL	5	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	CAM	California Carbon Allowance Vintage 2014	Opt	Electronic	2	USD	FRPL	3	USD	FRPL	5	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	CAN	California Carbon Allowance Vintage 2015	Fut	Electronic	2	USD	FRPL	3	USD	FRPL	5	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	CAN	California Carbon Allowance Vintage 2015	Opt	Electronic	2	USD	FRPL	3	USD	FRPL	5	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	CAR	Fuel Oil 1% FOB NWE Cargoes Swap	Fut	Electronic	21.75	USD	FRPL	11	USD	FRPL	32.75	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	CCH	California Climate Action Reserve Vintage 2009	Fut	Electronic	2	USD	FRPL	2.5	USD	FRPL	4.5	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	CCI	California Climate Action Reserve Vintage 2010	Fut	Electronic	2	USD	FRPL	2.5	USD	FRPL	4.5	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	CCJ	California Climate Action Reserve Vintage 2011	Fut	Electronic	2	USD	FRPL	2.5	USD	FRPL	4.5	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	CCK	California Climate Action Reserve Vintage 2012	Fut	Electronic	2	USD	FRPL	2.5	USD	FRPL	4.5	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	CCS	California Climate Action Reserve	Fut	Electronic	2	USD	FRPL	2.5	USD	FRPL	4.5	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	CCS	California Climate Action Reserve	Opt	Electronic	2	USD	FRPL	2.5	USD	FRPL	4.5	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	CDA	Diesel 10ppm FOB Rotterdam Barges Balmo Swap Day 1	Fut	Electronic	27.25	USD	FRPL	11	USD	FRPL	38.25	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	CDB	Diesel 10ppm FOB Rotterdam Barges Balmo Swap Day 2	Fut	Electronic	27.25	USD	FRPL	11	USD	FRPL	38.25	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	CDC	Diesel 10ppm FOB Rotterdam Barges Balmo Swap Day 3	Fut	Electronic	27.25	USD	FRPL	11	USD	FRPL	38.25	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	CDD	Diesel 10ppm FOB Rotterdam Barges Balmo Swap Day 4	Fut	Electronic	27.25	USD	FRPL	11	USD	FRPL	38.25	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	CDE	Diesel 10ppm FOB Rotterdam Barges Balmo Swap Day 5	Fut	Electronic	27.25	USD	FRPL	11	USD	FRPL	38.25	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	CDF	Diesel 10ppm FOB Rotterdam Barges Balmo Swap Day 6	Fut	Electronic	27.25	USD	FRPL	11	USD	FRPL	38.25	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	CDG	Diesel 10ppm FOB Rotterdam Barges Balmo Swap Day 7	Fut	Electronic	27.25	USD	FRPL	11	USD	FRPL	38.25	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	CDH	Diesel 10ppm FOB Rotterdam Barges Balmo Swap Day 8	Fut	Electronic	27.25	USD	FRPL	11	USD	FRPL	38.25	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	CDI	Diesel 10ppm FOB Rotterdam Barges Balmo Swap Day 9	Fut	Electronic	27.25	USD	FRPL	11	USD	FRPL	38.25	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	CDJ	Diesel 10ppm FOB Rotterdam Barges Balmo Swap Day 10	Fut	Electronic	27.25	USD	FRPL	11	USD	FRPL	38.25	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	CDK	Diesel 10ppm FOB Rotterdam Barges Balmo Swap Day 11	Fut	Electronic	27.25	USD	FRPL	11	USD	FRPL	38.25	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	CDL	Diesel 10ppm FOB Rotterdam Barges Balmo Swap Day 12	Fut	Electronic	27.25	USD	FRPL	11	USD	FRPL	38.25	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	CDM	Diesel 10ppm FOB Rotterdam Barges Balmo Swap Day 13	Fut	Electronic	27.25	USD	FRPL	11	USD	FRPL	38.25	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	CDN	Diesel 10ppm FOB Rotterdam Barges Balmo Swap Day 14	Fut	Electronic	27.25	USD	FRPL	11	USD	FRPL	38.25	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	CDO	Diesel 10ppm FOB Rotterdam Barges Balmo Swap Day 15	Fut	Electronic	27.25	USD	FRPL	11	USD	FRPL	38.25	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	CDP	Diesel 10ppm FOB Rotterdam Barges Balmo Swap Day 16	Fut	Electronic	27.25	USD	FRPL	11	USD	FRPL	38.25	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	CDQ	Diesel 10ppm FOB Rotterdam Barges Balmo Swap Day 17	Fut	Electronic	27.25	USD	FRPL	11	USD	FRPL	38.25	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	CDR	Diesel 10ppm FOB Rotterdam Barges Balmo Swap Day 18	Fut	Electronic	27.25	USD	FRPL	11	USD	FRPL	38.25	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	CDS	Diesel 10ppm FOB Rotterdam Barges Balmo Swap Day 19	Fut	Electronic	27.25	USD	FRPL	11	USD	FRPL	38.25	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	CDT	Diesel 10ppm FOB Rotterdam Barges Balmo Swap Day 20	Fut	Electronic	27.25	USD	FRPL	11	USD	FRPL	38.25	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	CDU	Diesel 10ppm FOB Rotterdam Barges Balmo Swap Day 21	Fut	Electronic	27.25	USD	FRPL	11	USD	FRPL	38.25	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	CDV	Diesel 10ppm FOB Rotterdam Barges Balmo Swap Day 22	Fut	Electronic	27.25	USD	FRPL	11	USD	FRPL	38.25	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	CDW	Diesel 10ppm FOB Rotterdam Barges Balmo Swap Day 23	Fut	Electronic	27.25	USD	FRPL	11	USD	FRPL	38.25	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	CDX	Diesel 10ppm FOB Rotterdam Barges Balmo Swap Day 24	Fut	Electronic	27.25	USD	FRPL	11	USD	FRPL	38.25	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	CDY	Diesel 10ppm FOB Rotterdam Barges Balmo Swap Day 25	Fut	Electronic	27.25	USD	FRPL	11	USD	FRPL	38.25	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	CDZ	Diesel 10ppm FOB Rotterdam Barges Balmo Swap Day 26	Fut	Electronic	27.25	USD	FRPL	11	USD	FRPL	38.25	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	CEA	Diesel 10ppm FOB Rotterdam Barges Balmo Swap Day 27	Fut	Electronic	27.25	USD	FRPL	11	USD	FRPL	38.25	0.2	USD	FRPL

Exch Code	Exch Desc	Comm Group	Prod Code	Product Desc	F/O	Platform	Trd Fee	Trd Fee Cur	Trd Fee Meth	Clr Fee	Clr Fee Cur	Clr Fee Meth	Fee Total	Brk Fee	Brk Fee Cur	Brk Fee Meth
ICE	Intercontinental Exchange	Energy	CEB	Diesel 10ppm FOB Rotterdam Barges Balmo Swap Day 28	Fut	Electronic	27.25	USD	FRPL	11	USD	FRPL	38.25	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	CEC	Diesel 10ppm FOB Rotterdam Barges Balmo Swap Day 29	Fut	Electronic	27.25	USD	FRPL	11	USD	FRPL	38.25	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	CED	Diesel 10ppm FOB Rotterdam Barges Balmo Swap Day 30	Fut	Electronic	27.25	USD	FRPL	11	USD	FRPL	38.25	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	CEE	Diesel 10ppm FOB Rotterdam Barges Balmo Swap Day 31	Fut	Electronic	27.25	USD	FRPL	11	USD	FRPL	38.25	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	CEO	PJM ComEd Zone Day Ahead LMP Off-Peak Monthly	Fut	Electronic	0.01	USD	FRPL	0.04	USD	FRPL	0.05	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	CEP	PJM ComEd Zone Day Ahead LMP Peak Monthly	Fut	Electronic	0.04	USD	FRPL	0.12	USD	FRPL	0.16	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	CFD	Brent CFD vs second month swap	Fut	Electronic	0.25	USD	FRPL	0.27	USD	FRPL	0.52	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	CFG	0.1% Gasoil CIF NWE Cargoes vs Gasoil 1st Line Swap	Fut	Electronic	27.25	USD	FRPL	11	USD	FRPL	38.25	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	CFM	Monthly CFD vs Second Month Swap	Fut	Electronic	1.25	USD	FRPL	1.34	USD	FRPL	2.59	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	CFO	Brent CFD vs First Month Swap	Fut	Electronic	0.25	USD	FRPL	0.27	USD	FRPL	0.52	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	CFS	Carbon Financial Instrument United States	Fut	Electronic	2	USD	FRPL	2.5	USD	FRPL	4.5	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	CFS	Carbon Financial Instrument United States	Opt	Electronic	2	USD	FRPL	2.5	USD	FRPL	4.5	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	CFT	Brent CFD vs Third Month Swap	Fut	Electronic	0.25	USD	FRPL	0.27	USD	FRPL	0.52	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	CFU	Urals North vs Dated Brent CFD	Fut	Electronic	1.25	USD	FRPL	1.34	USD	FRPL	2.59	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	CGB	CG Mainline Financial Basis	Fut	Electronic	0.14	USD	FRPL	0.52	USD	FRPL	0.66	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	CGI	CG Mainline Financial Index	Fut	Electronic	0.14	USD	FRPL	0.52	USD	FRPL	0.66	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	CGM	ANR SE (Louisiana) Financial Basis	Fut	Electronic	0.14	USD	FRPL	0.52	USD	FRPL	0.66	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	CGR	CG Mainline Swing	Fut	Electronic	0.14	USD	FRPL	0.52	USD	FRPL	0.66	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	CGS	TCO Financial Swing	Fut	Electronic	0.14	USD	FRPL	0.52	USD	FRPL	0.66	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	CIB	1% CIF MED Cargoes vs 1% FOB NWE Cargoes Swap	Fut	Electronic	21.75	USD	FRPL	11	USD	FRPL	32.75	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	CID	1% CIF NWE Cargoes Swap	Fut	Electronic	21.75	USD	FRPL	11	USD	FRPL	32.75	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	CIF	Fuel Oil 1% CIF Med Cargoes Swap	Fut	Electronic	21.75	USD	FRPL	11	USD	FRPL	32.75	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	CIH	1% CIF NWE Cargoes vs 1% FOB NWE Cargoes Swap	Fut	Electronic	21.75	USD	FRPL	11	USD	FRPL	32.75	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	CIM	3.5% CIF MED Cargoes Swap	Fut	Electronic	21.75	USD	FRPL	11	USD	FRPL	32.75	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	CIN	MISO Indiana Real Time Peak	Fut	Electronic	2	USD	FRPL	6	USD	FRPL	8	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	CIN	MISO Indiana Hub Real Time Peak	Opt	Electronic	2	USD	FRPL	6	USD	FRPL	8	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	CIS	Chicago Financial Index	Fut	Electronic	0.14	USD	FRPL	0.52	USD	FRPL	0.66	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	CJA	Fuel Oil 1% CIF MED Cargoes BALMO Swap Day 1	Fut	Electronic	21.75	USD	FRPL	11	USD	FRPL	32.75	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	CJB	Fuel Oil 1% CIF MED Cargoes BALMO Swap Day 2	Fut	Electronic	21.75	USD	FRPL	11	USD	FRPL	32.75	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	CJC	Fuel Oil 1% CIF MED Cargoes BALMO Swap Day 3	Fut	Electronic	21.75	USD	FRPL	11	USD	FRPL	32.75	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	CJD	Fuel Oil 1% CIF MED Cargoes BALMO Swap Day 4	Fut	Electronic	21.75	USD	FRPL	11	USD	FRPL	32.75	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	CJE	Fuel Oil 1% CIF MED Cargoes BALMO Swap Day 5	Fut	Electronic	21.75	USD	FRPL	11	USD	FRPL	32.75	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	CJF	Fuel Oil 1% CIF MED Cargoes BALMO Swap Day 6	Fut	Electronic	21.75	USD	FRPL	11	USD	FRPL	32.75	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	CJG	Fuel Oil 1% CIF MED Cargoes BALMO Swap Day 7	Fut	Electronic	21.75	USD	FRPL	11	USD	FRPL	32.75	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	CJH	Fuel Oil 1% CIF MED Cargoes BALMO Swap Day 8	Fut	Electronic	21.75	USD	FRPL	11	USD	FRPL	32.75	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	CJI	Fuel Oil 1% CIF MED Cargoes BALMO Swap Day 9	Fut	Electronic	21.75	USD	FRPL	11	USD	FRPL	32.75	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	CJJ	Fuel Oil 1% CIF MED Cargoes BALMO Swap Day 10	Fut	Electronic	21.75	USD	FRPL	11	USD	FRPL	32.75	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	CJK	Fuel Oil 1% CIF MED Cargoes BALMO Swap Day 11	Fut	Electronic	21.75	USD	FRPL	11	USD	FRPL	32.75	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	CJL	Fuel Oil 1% CIF MED Cargoes BALMO Swap Day 12	Fut	Electronic	21.75	USD	FRPL	11	USD	FRPL	32.75	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	CJM	Fuel Oil 1% CIF MED Cargoes BALMO Swap Day 13	Fut	Electronic	21.75	USD	FRPL	11	USD	FRPL	32.75	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	CJN	Fuel Oil 1% CIF MED Cargoes BALMO Swap Day 14	Fut	Electronic	21.75	USD	FRPL	11	USD	FRPL	32.75	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	CJO	Fuel Oil 1% CIF MED Cargoes BALMO Swap Day 15	Fut	Electronic	21.75	USD	FRPL	11	USD	FRPL	32.75	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	CJP	Fuel Oil 1% CIF MED Cargoes BALMO Swap Day 16	Fut	Electronic	21.75	USD	FRPL	11	USD	FRPL	32.75	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	CJQ	Fuel Oil 1% CIF MED Cargoes BALMO Swap Day 17	Fut	Electronic	21.75	USD	FRPL	11	USD	FRPL	32.75	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	CJR	Fuel Oil 1% CIF MED Cargoes BALMO Swap Day 18	Fut	Electronic	21.75	USD	FRPL	11	USD	FRPL	32.75	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	CJS	Fuel Oil 1% CIF MED Cargoes BALMO Swap Day 19	Fut	Electronic	21.75	USD	FRPL	11	USD	FRPL	32.75	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	CJT	Fuel Oil 1% CIF MED Cargoes BALMO Swap Day 20	Fut	Electronic	21.75	USD	FRPL	11	USD	FRPL	32.75	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	CJU	Fuel Oil 1% CIF MED Cargoes BALMO Swap Day 21	Fut	Electronic	21.75	USD	FRPL	11	USD	FRPL	32.75	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	CJV	Fuel Oil 1% CIF MED Cargoes BALMO Swap Day 22	Fut	Electronic	21.75	USD	FRPL	11	USD	FRPL	32.75	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	CJW	Fuel Oil 1% CIF MED Cargoes BALMO Swap Day 23	Fut	Electronic	21.75	USD	FRPL	11	USD	FRPL	32.75	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	CJX	Fuel Oil 1% CIF MED Cargoes BALMO Swap Day 24	Fut	Electronic	21.75	USD	FRPL	11	USD	FRPL	32.75	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	CJY	Fuel Oil 1% CIF MED Cargoes BALMO Swap Day 25	Fut	Electronic	21.75	USD	FRPL	11	USD	FRPL	32.75	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	CJZ	Fuel Oil 1% CIF MED Cargoes BALMO Swap Day 26	Fut	Electronic	21.75	USD	FRPL	11	USD	FRPL	32.75	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	CKA	Fuel Oil 1% CIF MED Cargoes BALMO Swap Day 27	Fut	Electronic	21.75	USD	FRPL	11	USD	FRPL	32.75	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	CKB	Fuel Oil 1% CIF MED Cargoes BALMO Swap Day 28	Fut	Electronic	21.75	USD	FRPL	11	USD	FRPL	32.75	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	CKC	Fuel Oil 1% CIF MED Cargoes BALMO Swap Day 29	Fut	Electronic	21.75	USD	FRPL	11	USD	FRPL	32.75	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	CKD	Fuel Oil 1% CIF MED Cargoes BALMO Swap Day 30	Fut	Electronic	21.75	USD	FRPL	11	USD	FRPL	32.75	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	CKE	Fuel Oil 1% CIF MED Cargoes BALMO Swap Day 31	Fut	Electronic	21.75	USD	FRPL	11	USD	FRPL	32.75	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	CMA	Brent 1st Line BALMO Swap Day 1	Fut	Electronic	1.25	USD	FRPL	1.34	USD	FRPL	2.59	0.2	USD	FRPL

Exch Code	Exch Desc	Comm Group	Prod Code	Product Desc	F/O	Platform	Trd Fee	Trd Fee Cur	Trd Fee Meth	Clr Fee	Clr Fee Cur	Clr Fee Meth	Fee Total	Brk Fee	Brk Fee Cur	Brk Fee Meth
ICE	Intercontinental Exchange	Energy	CMB	Brent 1st Line BALMO Swap Day 2	Fut	Electronic	1.25	USD	FRPL	1.34	USD	FRPL	2.59	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	CMC	Brent 1st Line BALMO Swap Day 3	Fut	Electronic	1.25	USD	FRPL	1.34	USD	FRPL	2.59	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	CMD	Brent 1st Line BALMO Swap Day 4	Fut	Electronic	1.25	USD	FRPL	1.34	USD	FRPL	2.59	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	CME	Brent 1st Line BALMO Swap Day 5	Fut	Electronic	1.25	USD	FRPL	1.34	USD	FRPL	2.59	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	CMF	Brent 1st Line BALMO Swap Day 6	Fut	Electronic	1.25	USD	FRPL	1.34	USD	FRPL	2.59	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	CMG	Brent 1st Line BALMO Swap Day 7	Fut	Electronic	1.25	USD	FRPL	1.34	USD	FRPL	2.59	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	CMH	Brent 1st Line BALMO Swap Day 8	Fut	Electronic	1.25	USD	FRPL	1.34	USD	FRPL	2.59	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	CMI	Brent 1st Line BALMO Swap Day 9	Fut	Electronic	1.25	USD	FRPL	1.34	USD	FRPL	2.59	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	CMJ	Brent 1st Line BALMO Swap Day 10	Fut	Electronic	1.25	USD	FRPL	1.34	USD	FRPL	2.59	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	CMK	Brent 1st Line BALMO Swap Day 11	Fut	Electronic	1.25	USD	FRPL	1.34	USD	FRPL	2.59	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	CML	Brent 1st Line BALMO Swap Day 12	Fut	Electronic	1.25	USD	FRPL	1.34	USD	FRPL	2.59	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	CMM	Brent 1st Line BALMO Swap Day 13	Fut	Electronic	1.25	USD	FRPL	1.34	USD	FRPL	2.59	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	CMN	Brent 1st Line BALMO Swap Day 14	Fut	Electronic	1.25	USD	FRPL	1.34	USD	FRPL	2.59	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	CMO	Brent 1st Line BALMO Swap Day 15	Fut	Electronic	1.25	USD	FRPL	1.34	USD	FRPL	2.59	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	CMP	Brent 1st Line BALMO Swap Day 16	Fut	Electronic	1.25	USD	FRPL	1.34	USD	FRPL	2.59	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	CMQ	Brent 1st Line BALMO Swap Day 17	Fut	Electronic	1.25	USD	FRPL	1.34	USD	FRPL	2.59	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	CMR	Brent 1st Line BALMO Swap Day 18	Fut	Electronic	1.25	USD	FRPL	1.34	USD	FRPL	2.59	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	CMS	Brent 1st Line BALMO Swap Day 19	Fut	Electronic	1.25	USD	FRPL	1.34	USD	FRPL	2.59	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	CMT	Brent 1st Line BALMO Swap Day 20	Fut	Electronic	1.25	USD	FRPL	1.34	USD	FRPL	2.59	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	CMU	Brent 1st Line BALMO Swap Day 21	Fut	Electronic	1.25	USD	FRPL	1.34	USD	FRPL	2.59	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	CMV	Brent 1st Line BALMO Swap Day 22	Fut	Electronic	1.25	USD	FRPL	1.34	USD	FRPL	2.59	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	CMW	Brent 1st Line BALMO Swap Day 23	Fut	Electronic	1.25	USD	FRPL	1.34	USD	FRPL	2.59	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	CMX	Brent 1st Line BALMO Swap Day 24	Fut	Electronic	1.25	USD	FRPL	1.34	USD	FRPL	2.59	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	CMY	Brent 1st Line BALMO Swap Day 25	Fut	Electronic	1.25	USD	FRPL	1.34	USD	FRPL	2.59	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	CMZ	Brent 1st Line BALMO Swap Day 26	Fut	Electronic	1.25	USD	FRPL	1.34	USD	FRPL	2.59	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	CNA	Brent 1st Line BALMO Swap Day 27	Fut	Electronic	1.25	USD	FRPL	1.34	USD	FRPL	2.59	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	CNB	Brent 1st Line BALMO Swap Day 28	Fut	Electronic	1.25	USD	FRPL	1.34	USD	FRPL	2.59	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	CNC	Brent 1st Line BALMO Swap Day 29	Fut	Electronic	1.25	USD	FRPL	1.34	USD	FRPL	2.59	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	CND	Brent 1st Line BALMO Swap Day 30	Fut	Electronic	1.25	USD	FRPL	1.34	USD	FRPL	2.59	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	CNE	Brent 1st Line BALMO Swap Day 31	Fut	Electronic	1.25	USD	FRPL	1.34	USD	FRPL	2.59	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	CON	CG Onshore Financial Basis	Fut	Electronic	0.14	USD	FRPL	0.52	USD	FRPL	0.66	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	CPC	CAISO PV Day Ahead LPM, Peak Daily	Fut	Electronic	0.04	USD	FRPL	0.08	USD	FRPL	0.12	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	CPO	MISO Indiana Real Time Financial Swap Off-Peak	Fut	Electronic	0.13	USD	FRPL	0.37	USD	FRPL	0.5	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	CRC	CIG Rockies Financial Index	Fut	Electronic	0.14	USD	FRPL	0.52	USD	FRPL	0.66	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	CRI	CIG Rockies Financial Basis	Fut	Electronic	0.14	USD	FRPL	0.52	USD	FRPL	0.66	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	CRS	CIG Rockies Financial Swing	Fut	Electronic	0.14	USD	FRPL	0.52	USD	FRPL	0.66	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	CSS	Chicago Financial Swing	Fut	Electronic	0.14	USD	FRPL	0.52	USD	FRPL	0.66	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	CTI	Centerpoint Financial Index	Fut	Electronic	0.14	USD	FRPL	0.52	USD	FRPL	0.66	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	CTP	Centerpoint Financial Basis	Fut	Electronic	0.14	USD	FRPL	0.52	USD	FRPL	0.66	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	CTR	Connecticut Compliance Renewable Energy Certificates Class 1	Fut	Electronic	1.5	USD	FRPL	2	USD	FRPL	3.5	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	CTS	Centerpoint Financial Swing	Fut	Electronic	0.14	USD	FRPL	0.52	USD	FRPL	0.66	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	CUA	Gasoil 1st Line BALMO Swap Day 1	Fut	Electronic	2.73	USD	FRPL	1.09	USD	FRPL	3.82	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	CUB	Gasoil 1st Line BALMO Swap Day 2	Fut	Electronic	2.73	USD	FRPL	1.09	USD	FRPL	3.82	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	CUC	Gasoil 1st Line BALMO Swap Day 3	Fut	Electronic	2.73	USD	FRPL	1.09	USD	FRPL	3.82	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	CUD	Gasoil 1st Line BALMO Swap Day 4	Fut	Electronic	2.73	USD	FRPL	1.09	USD	FRPL	3.82	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	CUE	Gasoil 1st Line BALMO Swap Day 5	Fut	Electronic	2.73	USD	FRPL	1.09	USD	FRPL	3.82	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	CUF	Gasoil 1st Line BALMO Swap Day 6	Fut	Electronic	2.73	USD	FRPL	1.09	USD	FRPL	3.82	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	CUG	Gasoil 1st Line BALMO Swap Day 7	Fut	Electronic	2.73	USD	FRPL	1.09	USD	FRPL	3.82	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	CUH	Gasoil 1st Line BALMO Swap Day 8	Fut	Electronic	2.73	USD	FRPL	1.09	USD	FRPL	3.82	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	CUI	Gasoil 1st Line BALMO Swap Day 9	Fut	Electronic	2.73	USD	FRPL	1.09	USD	FRPL	3.82	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	CUJ	Gasoil 1st Line BALMO Swap Day 10	Fut	Electronic	2.73	USD	FRPL	1.09	USD	FRPL	3.82	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	CUK	Gasoil 1st Line BALMO Swap Day 11	Fut	Electronic	2.73	USD	FRPL	1.09	USD	FRPL	3.82	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	CUL	Gasoil 1st Line BALMO Swap Day 12	Fut	Electronic	2.73	USD	FRPL	1.09	USD	FRPL	3.82	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	CUM	Gasoil 1st Line BALMO Swap Day 13	Fut	Electronic	2.73	USD	FRPL	1.09	USD	FRPL	3.82	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	CUN	Gasoil 1st Line BALMO Swap Day 14	Fut	Electronic	2.73	USD	FRPL	1.09	USD	FRPL	3.82	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	CUO	Gasoil 1st Line BALMO Swap Day 15	Fut	Electronic	2.73	USD	FRPL	1.09	USD	FRPL	3.82	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	CUP	Gasoil 1st Line BALMO Swap Day 16	Fut	Electronic	2.73	USD	FRPL	1.09	USD	FRPL	3.82	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	CUQ	Gasoil 1st Line BALMO Swap Day 17	Fut	Electronic	2.73	USD	FRPL	1.09	USD	FRPL	3.82	0.2	USD	FRPL

Exch Code	Exch Desc	Comm Group	Prod Code	Product Desc	F/O	Platform	Trd Fee	Trd Fee Cur	Trd Fee Meth	Clr Fee	Clr Fee Cur	Clr Fee Meth	Fee Total	Brk Fee	Brk Fee Cur	Brk Fee Meth
ICE	Intercontinental Exchange	Energy	CUR	Gasoil 1st Line BALMO Swap Day 18	Fut	Electronic	2.73	USD	FRPL	1.09	USD	FRPL	3.82	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	CUS	Gasoil 1st Line BALMO Swap Day 19	Fut	Electronic	2.73	USD	FRPL	1.09	USD	FRPL	3.82	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	CUT	Gasoil 1st Line BALMO Swap Day 20	Fut	Electronic	2.73	USD	FRPL	1.09	USD	FRPL	3.82	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	CUU	Gasoil 1st Line BALMO Swap Day 21	Fut	Electronic	2.73	USD	FRPL	1.09	USD	FRPL	3.82	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	CUV	Gasoil 1st Line BALMO Swap Day 22	Fut	Electronic	2.73	USD	FRPL	1.09	USD	FRPL	3.82	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	CUW	Gasoil 1st Line BALMO Swap Day 23	Fut	Electronic	2.73	USD	FRPL	1.09	USD	FRPL	3.82	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	CUX	Gasoil 1st Line BALMO Swap Day 24	Fut	Electronic	2.73	USD	FRPL	1.09	USD	FRPL	3.82	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	CUY	Gasoil 1st Line BALMO Swap Day 25	Fut	Electronic	2.73	USD	FRPL	1.09	USD	FRPL	3.82	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	CUZ	Gasoil 1st Line BALMO Swap Day 26	Fut	Electronic	2.73	USD	FRPL	1.09	USD	FRPL	3.82	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	CVA	Gasoil 1st Line BALMO Swap Day 27	Fut	Electronic	2.73	USD	FRPL	1.09	USD	FRPL	3.82	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	CVB	Gasoil 1st Line BALMO Swap Day 28	Fut	Electronic	2.73	USD	FRPL	1.09	USD	FRPL	3.82	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	CVC	Gasoil 1st Line BALMO Swap Day 29	Fut	Electronic	2.73	USD	FRPL	1.09	USD	FRPL	3.82	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	CVD	Gasoil 1st Line BALMO Swap Day 30	Fut	Electronic	2.73	USD	FRPL	1.09	USD	FRPL	3.82	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	CVE	Gasoil 1st Line BALMO Swap Day 31	Fut	Electronic	2.73	USD	FRPL	1.09	USD	FRPL	3.82	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	CWA	Argus Eurobob Oxy FOB Rotterdam vs Brent 1st Line BALMO Swap Day 1	Fut	Electronic	31.65	USD	FRPL	11	USD	FRPL	42.65	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	CWB	Argus Eurobob Oxy FOB Rotterdam vs Brent 1st Line BALMO Swap Day 2	Fut	Electronic	31.65	USD	FRPL	11	USD	FRPL	42.65	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	CWC	Argus Eurobob Oxy FOB Rotterdam vs Brent 1st Line BALMO Swap Day 3	Fut	Electronic	31.65	USD	FRPL	11	USD	FRPL	42.65	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	CWD	Argus Eurobob Oxy FOB Rotterdam vs Brent 1st Line BALMO Swap Day 4	Fut	Electronic	31.65	USD	FRPL	11	USD	FRPL	42.65	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	CWE	Argus Eurobob Oxy FOB Rotterdam vs Brent 1st Line BALMO Swap Day 5	Fut	Electronic	31.65	USD	FRPL	11	USD	FRPL	42.65	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	CWF	Argus Eurobob Oxy FOB Rotterdam vs Brent 1st Line BALMO Swap Day 6	Fut	Electronic	31.65	USD	FRPL	11	USD	FRPL	42.65	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	CWG	Argus Eurobob Oxy FOB Rotterdam vs Brent 1st Line BALMO Swap Day 7	Fut	Electronic	31.65	USD	FRPL	11	USD	FRPL	42.65	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	CWH	Argus Eurobob Oxy FOB Rotterdam vs Brent 1st Line BALMO Swap Day 8	Fut	Electronic	31.65	USD	FRPL	11	USD	FRPL	42.65	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	CWI	Argus Eurobob Oxy FOB Rotterdam vs Brent 1st Line BALMO Swap Day 9	Fut	Electronic	31.65	USD	FRPL	11	USD	FRPL	42.65	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	CWJ	Argus Eurobob Oxy FOB Rotterdam vs Brent 1st Line BALMO Swap Day 10	Fut	Electronic	31.65	USD	FRPL	11	USD	FRPL	42.65	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	CWK	Argus Eurobob Oxy FOB Rotterdam vs Brent 1st Line BALMO Swap Day 11	Fut	Electronic	31.65	USD	FRPL	11	USD	FRPL	42.65	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	CWL	Argus Eurobob Oxy FOB Rotterdam vs Brent 1st Line BALMO Swap Day 12	Fut	Electronic	31.65	USD	FRPL	11	USD	FRPL	42.65	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	CWM	Argus Eurobob Oxy FOB Rotterdam vs Brent 1st Line BALMO Swap Day 13	Fut	Electronic	31.65	USD	FRPL	11	USD	FRPL	42.65	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	CWN	Argus Eurobob Oxy FOB Rotterdam vs Brent 1st Line BALMO Swap Day 14	Fut	Electronic	31.65	USD	FRPL	11	USD	FRPL	42.65	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	CWO	Argus Eurobob Oxy FOB Rotterdam vs Brent 1st Line BALMO Swap Day 15	Fut	Electronic	31.65	USD	FRPL	11	USD	FRPL	42.65	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	CWP	Argus Eurobob Oxy FOB Rotterdam vs Brent 1st Line BALMO Swap Day 16	Fut	Electronic	31.65	USD	FRPL	11	USD	FRPL	42.65	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	CWQ	Argus Eurobob Oxy FOB Rotterdam vs Brent 1st Line BALMO Swap Day 17	Fut	Electronic	31.65	USD	FRPL	11	USD	FRPL	42.65	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	CWR	Argus Eurobob Oxy FOB Rotterdam vs Brent 1st Line BALMO Swap Day 18	Fut	Electronic	31.65	USD	FRPL	11	USD	FRPL	42.65	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	CWS	Argus Eurobob Oxy FOB Rotterdam vs Brent 1st Line BALMO Swap Day 19	Fut	Electronic	31.65	USD	FRPL	11	USD	FRPL	42.65	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	CWT	Argus Eurobob Oxy FOB Rotterdam vs Brent 1st Line BALMO Swap Day 20	Fut	Electronic	31.65	USD	FRPL	11	USD	FRPL	42.65	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	CWU	Argus Eurobob Oxy FOB Rotterdam vs Brent 1st Line BALMO Swap Day 21	Fut	Electronic	31.65	USD	FRPL	11	USD	FRPL	42.65	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	CWV	Argus Eurobob Oxy FOB Rotterdam vs Brent 1st Line BALMO Swap Day 22	Fut	Electronic	31.65	USD	FRPL	11	USD	FRPL	42.65	0.2	USD	FRPL

Exch Code	Exch Desc	Comm Group	Prod Code	Product Desc	F/O	Platform	Trd Fee	Trd Fee Cur	Trd Fee Meth	Clr Fee	Clr Fee Cur	Clr Fee Meth	Fee Total	Brk Fee	Brk Fee Cur	Brk Fee Meth
ICE	Intercontinental Exchange	Energy	CWW	Argus Eurobob Oxy FOB Rotterdam vs Brent 1st Line BALMO Swap Day 23	Fut	Electronic	31.65	USD	FRPL	11	USD	FRPL	42.65	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	CWX	Argus Eurobob Oxy FOB Rotterdam vs Brent 1st Line BALMO Swap Day 24	Fut	Electronic	31.65	USD	FRPL	11	USD	FRPL	42.65	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	CWY	Argus Eurobob Oxy FOB Rotterdam vs Brent 1st Line BALMO Swap Day 25	Fut	Electronic	31.65	USD	FRPL	11	USD	FRPL	42.65	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	CWZ	Argus Eurobob Oxy FOB Rotterdam vs Brent 1st Line BALMO Swap Day 26	Fut	Electronic	31.65	USD	FRPL	11	USD	FRPL	42.65	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	CXA	Argus Eurobob Oxy FOB Rotterdam vs Brent 1st Line BALMO Swap Day 27	Fut	Electronic	31.65	USD	FRPL	11	USD	FRPL	42.65	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	CXB	Argus Eurobob Oxy FOB Rotterdam vs Brent 1st Line BALMO Swap Day 28	Fut	Electronic	31.65	USD	FRPL	11	USD	FRPL	42.65	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	CXC	Argus Eurobob Oxy FOB Rotterdam vs Brent 1st Line BALMO Swap Day 29	Fut	Electronic	31.65	USD	FRPL	11	USD	FRPL	42.65	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	CXD	Argus Eurobob Oxy FOB Rotterdam vs Brent 1st Line BALMO Swap Day 30	Fut	Electronic	31.65	USD	FRPL	11	USD	FRPL	42.65	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	CXE	Argus Eurobob Oxy FOB Rotterdam vs Brent 1st Line BALMO Swap Day 31	Fut	Electronic	31.65	USD	FRPL	11	USD	FRPL	42.65	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	DAA	Diesel 10ppm (UK) CIF NWE/Gasoil 1st Line Balmo Swap Day 1	Fut	Electronic	27.25	USD	FRPL	11	USD	FRPL	38.25	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	DAB	Diesel 10ppm (UK) CIF NWE/Gasoil 1st Line Balmo Swap Day 2	Fut	Electronic	27.25	USD	FRPL	11	USD	FRPL	38.25	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	DAC	Diesel 10ppm (UK) CIF NWE/Gasoil 1st Line Balmo Swap Day 3	Fut	Electronic	27.25	USD	FRPL	11	USD	FRPL	38.25	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	DAD	Diesel 10ppm (UK) CIF NWE/Gasoil 1st Line Balmo Swap Day 4	Fut	Electronic	27.25	USD	FRPL	11	USD	FRPL	38.25	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	DAE	Diesel 10ppm (UK) CIF NWE/Gasoil 1st Line Balmo Swap Day 5	Fut	Electronic	27.25	USD	FRPL	11	USD	FRPL	38.25	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	DAF	Diesel 10ppm (UK) CIF NWE/Gasoil 1st Line Balmo Swap Day 6	Fut	Electronic	27.25	USD	FRPL	11	USD	FRPL	38.25	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	DAG	Diesel 10ppm (UK) CIF NWE/Gasoil 1st Line Balmo Swap Day 7	Fut	Electronic	27.25	USD	FRPL	11	USD	FRPL	38.25	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	DAH	Diesel 10ppm (UK) CIF NWE/Gasoil 1st Line Balmo Swap Day 8	Fut	Electronic	27.25	USD	FRPL	11	USD	FRPL	38.25	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	DAI	Diesel 10ppm (UK) CIF NWE/Gasoil 1st Line Balmo Swap Day 9	Fut	Electronic	27.25	USD	FRPL	11	USD	FRPL	38.25	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	DAJ	Diesel 10ppm (UK) CIF NWE/Gasoil 1st Line Balmo Swap Day 10	Fut	Electronic	27.25	USD	FRPL	11	USD	FRPL	38.25	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	DAK	Diesel 10ppm (UK) CIF NWE/Gasoil 1st Line Balmo Swap Day 11	Fut	Electronic	27.25	USD	FRPL	11	USD	FRPL	38.25	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	DAL	Diesel 10ppm (UK) CIF NWE/Gasoil 1st Line Balmo Swap Day 12	Fut	Electronic	27.25	USD	FRPL	11	USD	FRPL	38.25	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	DAM	Diesel 10ppm (UK) CIF NWE/Gasoil 1st Line Balmo Swap Day 13	Fut	Electronic	27.25	USD	FRPL	11	USD	FRPL	38.25	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	DAN	Diesel 10ppm (UK) CIF NWE/Gasoil 1st Line Balmo Swap Day 14	Fut	Electronic	27.25	USD	FRPL	11	USD	FRPL	38.25	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	DAO	Diesel 10ppm (UK) CIF NWE/Gasoil 1st Line Balmo Swap Day 15	Fut	Electronic	27.25	USD	FRPL	11	USD	FRPL	38.25	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	DAP	Diesel 10ppm (UK) CIF NWE/Gasoil 1st Line Balmo Swap Day 16	Fut	Electronic	27.25	USD	FRPL	11	USD	FRPL	38.25	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	DAQ	Diesel 10ppm (UK) CIF NWE/Gasoil 1st Line Balmo Swap Day 17	Fut	Electronic	27.25	USD	FRPL	11	USD	FRPL	38.25	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	DAR	Diesel 10ppm (UK) CIF NWE/Gasoil 1st Line Balmo Swap Day 18	Fut	Electronic	27.25	USD	FRPL	11	USD	FRPL	38.25	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	DAS	Diesel 10ppm (UK) CIF NWE/Gasoil 1st Line Balmo Swap Day 19	Fut	Electronic	27.25	USD	FRPL	11	USD	FRPL	38.25	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	DAT	Diesel 10ppm (UK) CIF NWE/Gasoil 1st Line Balmo Swap Day 20	Fut	Electronic	27.25	USD	FRPL	11	USD	FRPL	38.25	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	DAU	Diesel 10ppm (UK) CIF NWE/Gasoil 1st Line Balmo Swap Day 21	Fut	Electronic	27.25	USD	FRPL	11	USD	FRPL	38.25	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	DAV	Diesel 10ppm (UK) CIF NWE/Gasoil 1st Line Balmo Swap Day 22	Fut	Electronic	27.25	USD	FRPL	11	USD	FRPL	38.25	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	DAW	Diesel 10ppm (UK) CIF NWE/Gasoil 1st Line Balmo Swap Day 23	Fut	Electronic	27.25	USD	FRPL	11	USD	FRPL	38.25	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	DAX	Diesel 10ppm (UK) CIF NWE/Gasoil 1st Line Balmo Swap Day 24	Fut	Electronic	27.25	USD	FRPL	11	USD	FRPL	38.25	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	DAY	Diesel 10ppm (UK) CIF NWE/Gasoil 1st Line Balmo Swap Day 25	Fut	Electronic	27.25	USD	FRPL	11	USD	FRPL	38.25	0.2	USD	FRPL

Exch Code	Exch Desc	Comm Group	Prod Code	Product Desc	F/O	Platform	Trd Fee	Trd Fee Cur	Trd Fee Meth	Clr Fee	Clr Fee Cur	Clr Fee Meth	Fee Total	Brk Fee	Brk Fee Cur	Brk Fee Meth
ICE	Intercontinental Exchange	Energy	DAZ	Diesel 10ppm (UK) CIF NWE/Gasoil 1st Line Balmo Swap Day 26	Fut	Electronic	27.25	USD	FRPL	11	USD	FRPL	38.25	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	DBA	Diesel 10ppm (UK) CIF NWE/Gasoil 1st Line Balmo Swap Day 27	Fut	Electronic	27.25	USD	FRPL	11	USD	FRPL	38.25	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	DBB	Diesel 10ppm (UK) CIF NWE/Gasoil 1st Line Balmo Swap Day 28	Fut	Electronic	27.25	USD	FRPL	11	USD	FRPL	38.25	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	DBC	Diesel 10ppm (UK) CIF NWE/Gasoil 1st Line Balmo Swap Day 29	Fut	Electronic	27.25	USD	FRPL	11	USD	FRPL	38.25	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	DBD	Diesel 10ppm (UK) CIF NWE/Gasoil 1st Line Balmo Swap Day 30	Fut	Electronic	27.25	USD	FRPL	11	USD	FRPL	38.25	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	DBE	Diesel 10ppm (UK) CIF NWE/Gasoil 1st Line Balmo Swap Day 31	Fut	Electronic	27.25	USD	FRPL	11	USD	FRPL	38.25	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	DBF	Dated Brent vs Brent 1st Line Swap	Fut	Electronic	1.25	USD	FRPL	1.34	USD	FRPL	2.59	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	DBI	Dubai 1st Line Swap	Fut	Electronic	1.25	USD	FRPL	1.34	USD	FRPL	2.59	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	DCC	Diesel 10ppm CIF NWE Cargoes Swap	Fut	Electronic	27.25	USD	FRPL	11	USD	FRPL	38.25	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	DCG	Diesel 10ppm CIF NWE (Le Havre)/gasoil 1st Line	Fut	Electronic	27.25	USD	FRPL	11	USD	FRPL	38.25	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	DCN	Diesel 10ppm (UK) CIF NWE Cargoes Swap	Fut	Electronic	27.25	USD	FRPL	11	USD	FRPL	38.25	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	DCU	Diesel 10ppm (UK) CIF NWE Cargoes vs Gasoil 1st Line Swap	Fut	Electronic	27.25	USD	FRPL	11	USD	FRPL	38.25	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	DDO	AD Hub Real Time Peak Daily	Fut	Electronic	2	USD	FRPL	4	USD	FRPL	6	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	DDO	AD Hub Real Time Peak Daily	Opt	Electronic	2	USD	FRPL	4	USD	FRPL	6	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	DDP	AD Hub Real Time Peak Daily	Fut	Electronic	2	USD	FRPL	4	USD	FRPL	6	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	DEI	NNG Demarc Financial Index	Fut	Electronic	0.14	USD	FRPL	0.52	USD	FRPL	0.66	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	DEM	NNG Demarc Financial Basis	Fut	Electronic	0.14	USD	FRPL	0.52	USD	FRPL	0.66	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	DES	NNG Demarc Financial Swing	Fut	Electronic	0.14	USD	FRPL	0.52	USD	FRPL	0.66	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	DFG	Diesel 10ppm Barges FOB Rdam/Gasoil 1st Line Swap	Fut	Electronic	27.25	USD	FRPL	11	USD	FRPL	38.25	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	DFI	Diesel 10ppm FOB Rdam Barges vs Gasoil 50 ppm FOB Rdam Barges Swap	Fut	Electronic	27.25	USD	FRPL	11	USD	FRPL	38.25	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	DGD	Chicago Financial Basis	Fut	Electronic	0.14	USD	FRPL	0.52	USD	FRPL	0.66	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	DHA	Diesel 10ppm CIF NWE Cargoes vs Gasoil 1st Line Balmo Swap Day 1	Fut	Electronic	27.25	USD	FRPL	11	USD	FRPL	38.25	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	DHB	Diesel 10ppm CIF NWE Cargoes vs Gasoil 1st Line Balmo Swap Day 2	Fut	Electronic	27.25	USD	FRPL	11	USD	FRPL	38.25	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	DHC	Diesel 10ppm CIF NWE Cargoes vs Gasoil 1st Line Balmo Swap Day 3	Fut	Electronic	27.25	USD	FRPL	11	USD	FRPL	38.25	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	DHD	Diesel 10ppm CIF NWE Cargoes vs Gasoil 1st Line Balmo Swap Day 4	Fut	Electronic	27.25	USD	FRPL	11	USD	FRPL	38.25	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	DHE	Diesel 10ppm CIF NWE Cargoes vs Gasoil 1st Line Balmo Swap Day 5	Fut	Electronic	27.25	USD	FRPL	11	USD	FRPL	38.25	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	DHF	Diesel 10ppm CIF NWE Cargoes vs Gasoil 1st Line Balmo Swap Day 6	Fut	Electronic	27.25	USD	FRPL	11	USD	FRPL	38.25	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	DHG	Diesel 10ppm CIF NWE Cargoes vs Gasoil 1st Line Balmo Swap Day 7	Fut	Electronic	27.25	USD	FRPL	11	USD	FRPL	38.25	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	DHH	Diesel 10ppm CIF NWE Cargoes vs Gasoil 1st Line Balmo Swap Day 8	Fut	Electronic	27.25	USD	FRPL	11	USD	FRPL	38.25	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	DHI	Diesel 10ppm CIF NWE Cargoes vs Gasoil 1st Line Balmo Swap Day 9	Fut	Electronic	27.25	USD	FRPL	11	USD	FRPL	38.25	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	DHJ	Diesel 10ppm CIF NWE Cargoes vs Gasoil 1st Line Balmo Swap Day 10	Fut	Electronic	27.25	USD	FRPL	11	USD	FRPL	38.25	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	DHK	Diesel 10ppm CIF NWE Cargoes vs Gasoil 1st Line Balmo Swap Day 11	Fut	Electronic	27.25	USD	FRPL	11	USD	FRPL	38.25	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	DHL	Diesel 10ppm CIF NWE Cargoes vs Gasoil 1st Line Balmo Swap Day 12	Fut	Electronic	27.25	USD	FRPL	11	USD	FRPL	38.25	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	DHM	Diesel 10ppm CIF NWE Cargoes vs Gasoil 1st Line Balmo Swap Day 13	Fut	Electronic	27.25	USD	FRPL	11	USD	FRPL	38.25	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	DHN	Diesel 10ppm CIF NWE Cargoes vs Gasoil 1st Line Balmo Swap Day 14	Fut	Electronic	27.25	USD	FRPL	11	USD	FRPL	38.25	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	DHO	Diesel 10ppm CIF NWE Cargoes vs Gasoil 1st Line Balmo Swap Day 15	Fut	Electronic	27.25	USD	FRPL	11	USD	FRPL	38.25	0.2	USD	FRPL

Exch Code	Exch Desc	Comm Group	Prod Code	Product Desc	F/O	Platform	Trd Fee	Trd Fee Cur	Trd Fee Meth	Clr Fee	Clr Fee Cur	Clr Fee Meth	Fee Total	Brk Fee	Brk Fee Cur	Brk Fee Meth
ICE	Intercontinental Exchange	Energy	DHP	Diesel 10ppm CIF NWE Cargoes vs Gasoil 1st Line Balmo Swap Day 16	Fut	Electronic	27.25	USD	FRPL	11	USD	FRPL	38.25	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	DHQ	Diesel 10ppm CIF NWE Cargoes vs Gasoil 1st Line Balmo Swap Day 17	Fut	Electronic	27.25	USD	FRPL	11	USD	FRPL	38.25	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	DHR	Diesel 10ppm CIF NWE Cargoes vs Gasoil 1st Line Balmo Swap Day 18	Fut	Electronic	27.25	USD	FRPL	11	USD	FRPL	38.25	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	DHS	Diesel 10ppm CIF NWE Cargoes vs Gasoil 1st Line Balmo Swap Day 19	Fut	Electronic	27.25	USD	FRPL	11	USD	FRPL	38.25	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	DHT	Diesel 10ppm CIF NWE Cargoes vs Gasoil 1st Line Balmo Swap Day 20	Fut	Electronic	27.25	USD	FRPL	11	USD	FRPL	38.25	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	DHU	Diesel 10ppm CIF NWE Cargoes vs Gasoil 1st Line Balmo Swap Day 21	Fut	Electronic	27.25	USD	FRPL	11	USD	FRPL	38.25	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	DHV	Diesel 10ppm CIF NWE Cargoes vs Gasoil 1st Line Balmo Swap Day 22	Fut	Electronic	27.25	USD	FRPL	11	USD	FRPL	38.25	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	DHW	Diesel 10ppm CIF NWE Cargoes vs Gasoil 1st Line Balmo Swap Day 23	Fut	Electronic	27.25	USD	FRPL	11	USD	FRPL	38.25	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	DHX	Diesel 10ppm CIF NWE Cargoes vs Gasoil 1st Line Balmo Swap Day 24	Fut	Electronic	27.25	USD	FRPL	11	USD	FRPL	38.25	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	DHY	Diesel 10ppm CIF NWE Cargoes vs Gasoil 1st Line Balmo Swap Day 25	Fut	Electronic	27.25	USD	FRPL	11	USD	FRPL	38.25	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	DHZ	Diesel 10ppm CIF NWE Cargoes vs Gasoil 1st Line Balmo Swap Day 26	Fut	Electronic	27.25	USD	FRPL	11	USD	FRPL	38.25	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	DIA	Diesel 10ppm CIF NWE Cargoes vs Gasoil 1st Line Balmo Swap Day 27	Fut	Electronic	27.25	USD	FRPL	11	USD	FRPL	38.25	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	DIB	Diesel 10ppm CIF NWE Cargoes vs Gasoil 1st Line Balmo Swap Day 28	Fut	Electronic	27.25	USD	FRPL	11	USD	FRPL	38.25	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	DIC	Diesel 10ppm CIF NWE Cargoes vs Gasoil 1st Line Balmo Swap Day 29	Fut	Electronic	27.25	USD	FRPL	11	USD	FRPL	38.25	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	DID	Diesel 10ppm CIF NWE Cargoes vs Gasoil 1st Line Balmo Swap Day 30	Fut	Electronic	27.25	USD	FRPL	11	USD	FRPL	38.25	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	DIE	Diesel 10ppm CIF NWE Cargoes vs Gasoil 1st Line Balmo Swap Day 31	Fut	Electronic	27.25	USD	FRPL	11	USD	FRPL	38.25	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	DIS	Dominion South Financial Index	Fut	Electronic	0.14	USD	FRPL	0.52	USD	FRPL	0.66	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	DJA	1% Fuel Oil FOB MED Cargoes BALMO Swap Day 1	Fut	Electronic	21.75	USD	FRPL	11	USD	FRPL	32.75	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	DJB	1% Fuel Oil FOB MED Cargoes BALMO Swap Day 2	Fut	Electronic	21.75	USD	FRPL	11	USD	FRPL	32.75	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	DJC	1% Fuel Oil FOB MED Cargoes BALMO Swap Day 3	Fut	Electronic	21.75	USD	FRPL	11	USD	FRPL	32.75	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	DJD	1% Fuel Oil FOB MED Cargoes BALMO Swap Day 4	Fut	Electronic	21.75	USD	FRPL	11	USD	FRPL	32.75	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	DJE	1% Fuel Oil FOB MED Cargoes BALMO Swap Day 5	Fut	Electronic	21.75	USD	FRPL	11	USD	FRPL	32.75	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	DJF	1% Fuel Oil FOB MED Cargoes BALMO Swap Day 6	Fut	Electronic	21.75	USD	FRPL	11	USD	FRPL	32.75	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	DJG	1% Fuel Oil FOB MED Cargoes BALMO Swap Day 7	Fut	Electronic	21.75	USD	FRPL	11	USD	FRPL	32.75	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	DJH	1% Fuel Oil FOB MED Cargoes BALMO Swap Day 8	Fut	Electronic	21.75	USD	FRPL	11	USD	FRPL	32.75	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	DJI	1% Fuel Oil FOB MED Cargoes BALMO Swap Day 9	Fut	Electronic	21.75	USD	FRPL	11	USD	FRPL	32.75	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	DJJ	1% Fuel Oil FOB MED Cargoes BALMO Swap Day 10	Fut	Electronic	21.75	USD	FRPL	11	USD	FRPL	32.75	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	DJK	1% Fuel Oil FOB MED Cargoes BALMO Swap Day 11	Fut	Electronic	21.75	USD	FRPL	11	USD	FRPL	32.75	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	DJL	1% Fuel Oil FOB MED Cargoes BALMO Swap Day 12	Fut	Electronic	21.75	USD	FRPL	11	USD	FRPL	32.75	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	DJM	1% Fuel Oil FOB MED Cargoes BALMO Swap Day 13	Fut	Electronic	21.75	USD	FRPL	11	USD	FRPL	32.75	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	DJN	1% Fuel Oil FOB MED Cargoes BALMO Swap Day 14	Fut	Electronic	21.75	USD	FRPL	11	USD	FRPL	32.75	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	DJO	1% Fuel Oil FOB MED Cargoes BALMO Swap Day 15	Fut	Electronic	21.75	USD	FRPL	11	USD	FRPL	32.75	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	DJP	1% Fuel Oil FOB MED Cargoes BALMO Swap Day 16	Fut	Electronic	21.75	USD	FRPL	11	USD	FRPL	32.75	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	DJQ	1% Fuel Oil FOB MED Cargoes BALMO Swap Day 17	Fut	Electronic	21.75	USD	FRPL	11	USD	FRPL	32.75	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	DJR	1% Fuel Oil FOB MED Cargoes BALMO Swap Day 18	Fut	Electronic	21.75	USD	FRPL	11	USD	FRPL	32.75	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	DJS	1% Fuel Oil FOB MED Cargoes BALMO Swap Day 19	Fut	Electronic	21.75	USD	FRPL	11	USD	FRPL	32.75	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	DJT	1% Fuel Oil FOB MED Cargoes BALMO Swap Day 20	Fut	Electronic	21.75	USD	FRPL	11	USD	FRPL	32.75	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	DJU	1% Fuel Oil FOB MED Cargoes BALMO Swap Day 21	Fut	Electronic	21.75	USD	FRPL	11	USD	FRPL	32.75	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	DJV	1% Fuel Oil FOB MED Cargoes BALMO Swap Day 22	Fut	Electronic	21.75	USD	FRPL	11	USD	FRPL	32.75	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	DJW	1% Fuel Oil FOB MED Cargoes BALMO Swap Day 23	Fut	Electronic	21.75	USD	FRPL	11	USD	FRPL	32.75	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	DJX	1% Fuel Oil FOB MED Cargoes BALMO Swap Day 24	Fut	Electronic	21.75	USD	FRPL	11	USD	FRPL	32.75	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	DJY	1% Fuel Oil FOB MED Cargoes BALMO Swap Day 25	Fut	Electronic	21.75	USD	FRPL	11	USD	FRPL	32.75	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	DJZ	1% Fuel Oil FOB MED Cargoes BALMO Swap Day 26	Fut	Electronic	21.75	USD	FRPL	11	USD	FRPL	32.75	0.2	USD	FRPL

Exch Code	Exch Desc	Comm Group	Prod Code	Product Desc	F/O	Platform	Trd Fee	Trd Fee Cur	Trd Fee Meth	Clr Fee	Clr Fee Cur	Clr Fee Meth	Fee Total	Brk Fee	Brk Fee Cur	Brk Fee Meth
ICE	Intercontinental Exchange	Energy	DKA	1% Fuel Oil FOB MED Cargoes BALMO Swap Day 27	Fut	Electronic	21.75	USD	FRPL	11	USD	FRPL	32.75	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	DKB	1% Fuel Oil FOB MED Cargoes BALMO Swap Day 28	Fut	Electronic	21.75	USD	FRPL	11	USD	FRPL	32.75	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	DKC	1% Fuel Oil FOB MED Cargoes BALMO Swap Day 29	Fut	Electronic	21.75	USD	FRPL	11	USD	FRPL	32.75	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	DKD	1% Fuel Oil FOB MED Cargoes BALMO Swap Day 30	Fut	Electronic	21.75	USD	FRPL	11	USD	FRPL	32.75	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	DKE	1% Fuel Oil FOB MED Cargoes BALMO Swap Day 31	Fut	Electronic	21.75	USD	FRPL	11	USD	FRPL	32.75	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	DLA	1% Fuel Oil FOB Rotterdam Barges vs 1% Fuel Oil FOB NWE Cargoes BALMO Swap Day 1	Fut	Electronic	21.75	USD	FRPL	11	USD	FRPL	32.75	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	DLB	1% Fuel Oil FOB Rotterdam Barges vs 1% Fuel Oil FOB NWE Cargoes BALMO Swap Day 2	Fut	Electronic	21.75	USD	FRPL	11	USD	FRPL	32.75	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	DLC	1% Fuel Oil FOB Rotterdam Barges vs 1% Fuel Oil FOB NWE Cargoes BALMO Swap Day 3	Fut	Electronic	21.75	USD	FRPL	11	USD	FRPL	32.75	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	DLD	1% Fuel Oil FOB Rotterdam Barges vs 1% Fuel Oil FOB NWE Cargoes BALMO Swap Day 4	Fut	Electronic	21.75	USD	FRPL	11	USD	FRPL	32.75	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	DLE	1% Fuel Oil FOB Rotterdam Barges vs 1% Fuel Oil FOB NWE Cargoes BALMO Swap Day 5	Fut	Electronic	21.75	USD	FRPL	11	USD	FRPL	32.75	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	DLF	1% Fuel Oil FOB Rotterdam Barges vs 1% Fuel Oil FOB NWE Cargoes BALMO Swap Day 6	Fut	Electronic	21.75	USD	FRPL	11	USD	FRPL	32.75	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	DLG	1% Fuel Oil FOB Rotterdam Barges vs 1% Fuel Oil FOB NWE Cargoes BALMO Swap Day 7	Fut	Electronic	21.75	USD	FRPL	11	USD	FRPL	32.75	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	DLH	1% Fuel Oil FOB Rotterdam Barges vs 1% Fuel Oil FOB NWE Cargoes BALMO Swap Day 8	Fut	Electronic	21.75	USD	FRPL	11	USD	FRPL	32.75	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	DLI	1% Fuel Oil FOB Rotterdam Barges vs 1% Fuel Oil FOB NWE Cargoes BALMO Swap Day 9	Fut	Electronic	21.75	USD	FRPL	11	USD	FRPL	32.75	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	DLJ	1% Fuel Oil FOB Rotterdam Barges vs 1% Fuel Oil FOB NWE Cargoes BALMO Swap Day 10	Fut	Electronic	21.75	USD	FRPL	11	USD	FRPL	32.75	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	DLK	1% Fuel Oil FOB Rotterdam Barges vs 1% Fuel Oil FOB NWE Cargoes BALMO Swap Day 11	Fut	Electronic	21.75	USD	FRPL	11	USD	FRPL	32.75	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	DLL	1% Fuel Oil FOB Rotterdam Barges vs 1% Fuel Oil FOB NWE Cargoes BALMO Swap Day 12	Fut	Electronic	21.75	USD	FRPL	11	USD	FRPL	32.75	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	DLM	1% Fuel Oil FOB Rotterdam Barges vs 1% Fuel Oil FOB NWE Cargoes BALMO Swap Day 13	Fut	Electronic	21.75	USD	FRPL	11	USD	FRPL	32.75	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	DLN	1% Fuel Oil FOB Rotterdam Barges vs 1% Fuel Oil FOB NWE Cargoes BALMO Swap Day 14	Fut	Electronic	21.75	USD	FRPL	11	USD	FRPL	32.75	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	DLO	1% Fuel Oil FOB Rotterdam Barges vs 1% Fuel Oil FOB NWE Cargoes BALMO Swap Day 15	Fut	Electronic	21.75	USD	FRPL	11	USD	FRPL	32.75	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	DLP	1% Fuel Oil FOB Rotterdam Barges vs 1% Fuel Oil FOB NWE Cargoes BALMO Swap Day 16	Fut	Electronic	21.75	USD	FRPL	11	USD	FRPL	32.75	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	DLQ	1% Fuel Oil FOB Rotterdam Barges vs 1% Fuel Oil FOB NWE Cargoes BALMO Swap Day 17	Fut	Electronic	21.75	USD	FRPL	11	USD	FRPL	32.75	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	DLR	1% Fuel Oil FOB Rotterdam Barges vs 1% Fuel Oil FOB NWE Cargoes BALMO Swap Day 18	Fut	Electronic	21.75	USD	FRPL	11	USD	FRPL	32.75	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	DLS	1% Fuel Oil FOB Rotterdam Barges vs 1% Fuel Oil FOB NWE Cargoes BALMO Swap Day 19	Fut	Electronic	21.75	USD	FRPL	11	USD	FRPL	32.75	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	DLT	1% Fuel Oil FOB Rotterdam Barges vs 1% Fuel Oil FOB NWE Cargoes BALMO Swap Day 20	Fut	Electronic	21.75	USD	FRPL	11	USD	FRPL	32.75	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	DLU	1% Fuel Oil FOB Rotterdam Barges vs 1% Fuel Oil FOB NWE Cargoes BALMO Swap Day 21	Fut	Electronic	21.75	USD	FRPL	11	USD	FRPL	32.75	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	DLV	1% Fuel Oil FOB Rotterdam Barges vs 1% Fuel Oil FOB NWE Cargoes BALMO Swap Day 22	Fut	Electronic	21.75	USD	FRPL	11	USD	FRPL	32.75	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	DLW	1% Fuel Oil FOB Rotterdam Barges vs 1% Fuel Oil FOB NWE Cargoes BALMO Swap Day 23	Fut	Electronic	21.75	USD	FRPL	11	USD	FRPL	32.75	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	DLX	1% Fuel Oil FOB Rotterdam Barges vs 1% Fuel Oil FOB NWE Cargoes BALMO Swap Day 24	Fut	Electronic	21.75	USD	FRPL	11	USD	FRPL	32.75	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	DLY	1% Fuel Oil FOB Rotterdam Barges vs 1% Fuel Oil FOB NWE Cargoes BALMO Swap Day 25	Fut	Electronic	21.75	USD	FRPL	11	USD	FRPL	32.75	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	DLZ	1% Fuel Oil FOB Rotterdam Barges vs 1% Fuel Oil FOB NWE Cargoes BALMO Swap Day 26	Fut	Electronic	21.75	USD	FRPL	11	USD	FRPL	32.75	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	DMA	1% Fuel Oil FOB Rotterdam Barges vs 1% Fuel Oil FOB NWE Cargoes BALMO Swap Day 27	Fut	Electronic	21.75	USD	FRPL	11	USD	FRPL	32.75	0.2	USD	FRPL

Exch Code	Exch Desc	Comm Group	Prod Code	Product Desc	F/O	Platform	Trd Fee	Trd Fee Cur	Trd Fee Meth	Clr Fee	Clr Fee Cur	Clr Fee Meth	Fee Total	Brk Fee	Brk Fee Cur	Brk Fee Meth
ICE	Intercontinental Exchange	Energy	DMB	1% Fuel Oil FOB Rotterdam Barges vs 1% Fuel Oil FOB NWE Cargoes BALMO Swap Day 28	Fut	Electronic	21.75	USD	FRPL	11	USD	FRPL	32.75	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	DMC	1% Fuel Oil FOB Rotterdam Barges vs 1% Fuel Oil FOB NWE Cargoes BALMO Swap Day 29	Fut	Electronic	21.75	USD	FRPL	11	USD	FRPL	32.75	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	DMD	1% Fuel Oil FOB Rotterdam Barges vs 1% Fuel Oil FOB NWE Cargoes BALMO Swap Day 30	Fut	Electronic	21.75	USD	FRPL	11	USD	FRPL	32.75	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	DME	1% Fuel Oil FOB Rotterdam Barges vs 1% Fuel Oil FOB NWE Cargoes BALMO Swap Day 31	Fut	Electronic	21.75	USD	FRPL	11	USD	FRPL	32.75	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	DMG	ULSD 10ppm Cargoes CIF MED vs Gasoil 1st Line Swap	Fut	Electronic	27.25	USD	FRPL	11	USD	FRPL	38.25	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	DOM	Dominion South Financial Basis	Fut	Electronic	0.14	USD	FRPL	0.52	USD	FRPL	0.66	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	DOR	Diesel 10ppm FOB Rotterdam Barges Swap	Fut	Electronic	27.25	USD	FRPL	11	USD	FRPL	38.25	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	DPN	NP-15 Financial Day-Ahead LMP Peak Daily	Fut	Electronic	1	USD	FRPL	2	USD	FRPL	3	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	DSS	Dominion South Financial Swing	Fut	Electronic	0.14	USD	FRPL	0.52	USD	FRPL	0.66	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	DTA	3.5% Fuel Oil FOB MED Cargoes vs 3.5% FOB Rotterdam Barges BALMO Swap Day 1	Fut	Electronic	21.75	USD	FRPL	11	USD	FRPL	32.75	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	DTB	3.5% Fuel Oil FOB MED Cargoes vs 3.5% FOB Rotterdam Barges BALMO Swap Day 2	Fut	Electronic	21.75	USD	FRPL	11	USD	FRPL	32.75	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	DTC	3.5% Fuel Oil FOB MED Cargoes vs 3.5% FOB Rotterdam Barges BALMO Swap Day 3	Fut	Electronic	21.75	USD	FRPL	11	USD	FRPL	32.75	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	DTD	3.5% Fuel Oil FOB MED Cargoes vs 3.5% FOB Rotterdam Barges BALMO Swap Day 4	Fut	Electronic	21.75	USD	FRPL	11	USD	FRPL	32.75	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	DTE	3.5% Fuel Oil FOB MED Cargoes vs 3.5% FOB Rotterdam Barges BALMO Swap Day 5	Fut	Electronic	21.75	USD	FRPL	11	USD	FRPL	32.75	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	DTF	3.5% Fuel Oil FOB MED Cargoes vs 3.5% FOB Rotterdam Barges BALMO Swap Day 6	Fut	Electronic	21.75	USD	FRPL	11	USD	FRPL	32.75	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	DTG	3.5% Fuel Oil FOB MED Cargoes vs 3.5% FOB Rotterdam Barges BALMO Swap Day 7	Fut	Electronic	21.75	USD	FRPL	11	USD	FRPL	32.75	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	DTH	3.5% Fuel Oil FOB MED Cargoes vs 3.5% FOB Rotterdam Barges BALMO Swap Day 8	Fut	Electronic	21.75	USD	FRPL	11	USD	FRPL	32.75	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	DTI	3.5% Fuel Oil FOB MED Cargoes vs 3.5% FOB Rotterdam Barges BALMO Swap Day 9	Fut	Electronic	21.75	USD	FRPL	11	USD	FRPL	32.75	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	DTJ	3.5% Fuel Oil FOB MED Cargoes vs 3.5% FOB Rotterdam Barges BALMO Swap Day 10	Fut	Electronic	21.75	USD	FRPL	11	USD	FRPL	32.75	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	DTK	3.5% Fuel Oil FOB MED Cargoes vs 3.5% FOB Rotterdam Barges BALMO Swap Day 11	Fut	Electronic	21.75	USD	FRPL	11	USD	FRPL	32.75	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	DTL	3.5% Fuel Oil FOB MED Cargoes vs 3.5% FOB Rotterdam Barges BALMO Swap Day 12	Fut	Electronic	21.75	USD	FRPL	11	USD	FRPL	32.75	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	DTM	3.5% Fuel Oil FOB MED Cargoes vs 3.5% FOB Rotterdam Barges BALMO Swap Day 13	Fut	Electronic	21.75	USD	FRPL	11	USD	FRPL	32.75	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	DTN	3.5% Fuel Oil FOB MED Cargoes vs 3.5% FOB Rotterdam Barges BALMO Swap Day 14	Fut	Electronic	21.75	USD	FRPL	11	USD	FRPL	32.75	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	DTO	3.5% Fuel Oil FOB MED Cargoes vs 3.5% FOB Rotterdam Barges BALMO Swap Day 15	Fut	Electronic	21.75	USD	FRPL	11	USD	FRPL	32.75	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	DTP	3.5% Fuel Oil FOB MED Cargoes vs 3.5% FOB Rotterdam Barges BALMO Swap Day 16	Fut	Electronic	21.75	USD	FRPL	11	USD	FRPL	32.75	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	DTQ	3.5% Fuel Oil FOB MED Cargoes vs 3.5% FOB Rotterdam Barges BALMO Swap Day 17	Fut	Electronic	21.75	USD	FRPL	11	USD	FRPL	32.75	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	DTR	3.5% Fuel Oil FOB MED Cargoes vs 3.5% FOB Rotterdam Barges BALMO Swap Day 18	Fut	Electronic	21.75	USD	FRPL	11	USD	FRPL	32.75	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	DTS	3.5% Fuel Oil FOB MED Cargoes vs 3.5% FOB Rotterdam Barges BALMO Swap Day 19	Fut	Electronic	21.75	USD	FRPL	11	USD	FRPL	32.75	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	DTT	3.5% Fuel Oil FOB MED Cargoes vs 3.5% FOB Rotterdam Barges BALMO Swap Day 20	Fut	Electronic	21.75	USD	FRPL	11	USD	FRPL	32.75	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	DTU	3.5% Fuel Oil FOB MED Cargoes vs 3.5% FOB Rotterdam Barges BALMO Swap Day 21	Fut	Electronic	21.75	USD	FRPL	11	USD	FRPL	32.75	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	DTV	3.5% Fuel Oil FOB MED Cargoes vs 3.5% FOB Rotterdam Barges BALMO Swap Day 22	Fut	Electronic	21.75	USD	FRPL	11	USD	FRPL	32.75	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	DTW	3.5% Fuel Oil FOB MED Cargoes vs 3.5% FOB Rotterdam Barges BALMO Swap Day 23	Fut	Electronic	21.75	USD	FRPL	11	USD	FRPL	32.75	0.2	USD	FRPL

Exch Code	Exch Desc	Comm Group	Prod Code	Product Desc	F/O	Platform	Trd Fee	Trd Fee Cur	Trd Fee Meth	Clr Fee	Clr Fee Cur	Clr Fee Meth	Fee Total	Brk Fee	Brk Fee Cur	Brk Fee Meth
ICE	Intercontinental Exchange	Energy	DTX	3.5% Fuel Oil FOB MED Cargoes vs 3.5% FOB Rotterdam Barges BALMO Swap Day 24	Fut	Electronic	21.75	USD	FRPL	11	USD	FRPL	32.75	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	DTY	3.5% Fuel Oil FOB MED Cargoes vs 3.5% FOB Rotterdam Barges BALMO Swap Day 25	Fut	Electronic	21.75	USD	FRPL	11	USD	FRPL	32.75	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	DTZ	3.5% Fuel Oil FOB MED Cargoes vs 3.5% FOB Rotterdam Barges BALMO Swap Day 26	Fut	Electronic	21.75	USD	FRPL	11	USD	FRPL	32.75	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	DUA	3.5% Fuel Oil FOB MED Cargoes vs 3.5% FOB Rotterdam Barges BALMO Swap Day 27	Fut	Electronic	21.75	USD	FRPL	11	USD	FRPL	32.75	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	DUB	3.5% Fuel Oil FOB MED Cargoes vs 3.5% FOB Rotterdam Barges BALMO Swap Day 28	Fut	Electronic	21.75	USD	FRPL	11	USD	FRPL	32.75	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	DUC	3.5% Fuel Oil FOB MED Cargoes vs 3.5% FOB Rotterdam Barges BALMO Swap Day 29	Fut	Electronic	21.75	USD	FRPL	11	USD	FRPL	32.75	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	DUD	3.5% Fuel Oil FOB MED Cargoes vs 3.5% FOB Rotterdam Barges BALMO Swap Day 30	Fut	Electronic	21.75	USD	FRPL	11	USD	FRPL	32.75	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	DUE	3.5% Fuel Oil FOB MED Cargoes vs 3.5% FOB Rotterdam Barges BALMO Swap Day 31	Fut	Electronic	21.75	USD	FRPL	11	USD	FRPL	32.75	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	DVA	0.1% Gasoil CIF NWE Cargoes vs Gasoil 1st Line BALMO Swap Day 1	Fut	Electronic	27.25	USD	FRPL	11	USD	FRPL	38.25	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	DVB	0.1% Gasoil CIF NWE Cargoes vs Gasoil 1st Line BALMO Swap Day 2	Fut	Electronic	27.25	USD	FRPL	11	USD	FRPL	38.25	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	DVC	0.1% Gasoil CIF NWE Cargoes vs Gasoil 1st Line BALMO Swap Day 3	Fut	Electronic	27.25	USD	FRPL	11	USD	FRPL	38.25	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	DVD	0.1% Gasoil CIF NWE Cargoes vs Gasoil 1st Line BALMO Swap Day 4	Fut	Electronic	27.25	USD	FRPL	11	USD	FRPL	38.25	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	DVE	0.1% Gasoil CIF NWE Cargoes vs Gasoil 1st Line BALMO Swap Day 5	Fut	Electronic	27.25	USD	FRPL	11	USD	FRPL	38.25	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	DVF	0.1% Gasoil CIF NWE Cargoes vs Gasoil 1st Line BALMO Swap Day 6	Fut	Electronic	27.25	USD	FRPL	11	USD	FRPL	38.25	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	DVG	0.1% Gasoil CIF NWE Cargoes vs Gasoil 1st Line BALMO Swap Day 7	Fut	Electronic	27.25	USD	FRPL	11	USD	FRPL	38.25	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	DVH	0.1% Gasoil CIF NWE Cargoes vs Gasoil 1st Line BALMO Swap Day 8	Fut	Electronic	27.25	USD	FRPL	11	USD	FRPL	38.25	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	DVI	0.1% Gasoil CIF NWE Cargoes vs Gasoil 1st Line BALMO Swap Day 9	Fut	Electronic	27.25	USD	FRPL	11	USD	FRPL	38.25	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	DVJ	0.1% Gasoil CIF NWE Cargoes vs Gasoil 1st Line BALMO Swap Day 10	Fut	Electronic	27.25	USD	FRPL	11	USD	FRPL	38.25	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	DVK	0.1% Gasoil CIF NWE Cargoes vs Gasoil 1st Line BALMO Swap Day 11	Fut	Electronic	27.25	USD	FRPL	11	USD	FRPL	38.25	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	DVL	0.1% Gasoil CIF NWE Cargoes vs Gasoil 1st Line BALMO Swap Day 12	Fut	Electronic	27.25	USD	FRPL	11	USD	FRPL	38.25	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	DVM	0.1% Gasoil CIF NWE Cargoes vs Gasoil 1st Line BALMO Swap Day 13	Fut	Electronic	27.25	USD	FRPL	11	USD	FRPL	38.25	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	DVN	0.1% Gasoil CIF NWE Cargoes vs Gasoil 1st Line BALMO Swap Day 14	Fut	Electronic	27.25	USD	FRPL	11	USD	FRPL	38.25	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	DVO	0.1% Gasoil CIF NWE Cargoes vs Gasoil 1st Line BALMO Swap Day 15	Fut	Electronic	27.25	USD	FRPL	11	USD	FRPL	38.25	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	DVP	0.1% Gasoil CIF NWE Cargoes vs Gasoil 1st Line BALMO Swap Day 16	Fut	Electronic	27.25	USD	FRPL	11	USD	FRPL	38.25	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	DVQ	0.1% Gasoil CIF NWE Cargoes vs Gasoil 1st Line BALMO Swap Day 17	Fut	Electronic	27.25	USD	FRPL	11	USD	FRPL	38.25	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	DVR	0.1% Gasoil CIF NWE Cargoes vs Gasoil 1st Line BALMO Swap Day 18	Fut	Electronic	27.25	USD	FRPL	11	USD	FRPL	38.25	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	DVS	0.1% Gasoil CIF NWE Cargoes vs Gasoil 1st Line BALMO Swap Day 19	Fut	Electronic	27.25	USD	FRPL	11	USD	FRPL	38.25	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	DVT	0.1% Gasoil CIF NWE Cargoes vs Gasoil 1st Line BALMO Swap Day 20	Fut	Electronic	27.25	USD	FRPL	11	USD	FRPL	38.25	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	DVU	0.1% Gasoil CIF NWE Cargoes vs Gasoil 1st Line BALMO Swap Day 21	Fut	Electronic	27.25	USD	FRPL	11	USD	FRPL	38.25	0.2	USD	FRPL

Exch Code	Exch Desc	Comm Group	Prod Code	Product Desc	F/O	Platform	Trd Fee	Trd Fee Cur	Trd Fee Meth	Clr Fee	Clr Fee Cur	Clr Fee Meth	Fee Total	Brk Fee	Brk Fee Cur	Brk Fee Meth
ICE	Intercontinental Exchange	Energy	DVV	0.1% Gasoil CIF NWE Cargoes vs Gasoil 1st Line BALMO Swap Day 22	Fut	Electronic	27.25	USD	FRPL	11	USD	FRPL	38.25	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	DVW	0.1% Gasoil CIF NWE Cargoes vs Gasoil 1st Line BALMO Swap Day 23	Fut	Electronic	27.25	USD	FRPL	11	USD	FRPL	38.25	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	DVX	0.1% Gasoil CIF NWE Cargoes vs Gasoil 1st Line BALMO Swap Day 24	Fut	Electronic	27.25	USD	FRPL	11	USD	FRPL	38.25	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	DVY	0.1% Gasoil CIF NWE Cargoes vs Gasoil 1st Line BALMO Swap Day 25	Fut	Electronic	27.25	USD	FRPL	11	USD	FRPL	38.25	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	DVZ	0.1% Gasoil CIF NWE Cargoes vs Gasoil 1st Line BALMO Swap Day 26	Fut	Electronic	27.25	USD	FRPL	11	USD	FRPL	38.25	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	DWA	0.1% Gasoil CIF NWE Cargoes vs Gasoil 1st Line BALMO Swap Day 27	Fut	Electronic	27.25	USD	FRPL	11	USD	FRPL	38.25	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	DWB	0.1% Gasoil CIF NWE Cargoes vs Gasoil 1st Line BALMO Swap Day 28	Fut	Electronic	27.25	USD	FRPL	11	USD	FRPL	38.25	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	DWC	0.1% Gasoil CIF NWE Cargoes vs Gasoil 1st Line BALMO Swap Day 29	Fut	Electronic	27.25	USD	FRPL	11	USD	FRPL	38.25	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	DWD	0.1% Gasoil CIF NWE Cargoes vs Gasoil 1st Line BALMO Swap Day 30	Fut	Electronic	27.25	USD	FRPL	11	USD	FRPL	38.25	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	DWE	0.1% Gasoil CIF NWE Cargoes vs Gasoil 1st Line BALMO Swap Day 31	Fut	Electronic	27.25	USD	FRPL	11	USD	FRPL	38.25	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	DWN	Union Dawn Financial Basis	Fut	Electronic	0.14	USD	FRPL	0.52	USD	FRPL	0.66	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	DXA	0.1% Gasoil FOB Rdam Barges vs Gasoil 1st Line BALMO Swap Day 1	Fut	Electronic	27.25	USD	FRPL	11	USD	FRPL	38.25	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	DXB	0.1% Gasoil FOB Rdam Barges vs Gasoil 1st Line BALMO Swap Day 2	Fut	Electronic	27.25	USD	FRPL	11	USD	FRPL	38.25	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	DXC	0.1% Gasoil FOB Rdam Barges vs Gasoil 1st Line BALMO Swap Day 3	Fut	Electronic	27.25	USD	FRPL	11	USD	FRPL	38.25	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	DXD	0.1% Gasoil FOB Rdam Barges vs Gasoil 1st Line BALMO Swap Day 4	Fut	Electronic	27.25	USD	FRPL	11	USD	FRPL	38.25	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	DXE	0.1% Gasoil FOB Rdam Barges vs Gasoil 1st Line BALMO Swap Day 5	Fut	Electronic	27.25	USD	FRPL	11	USD	FRPL	38.25	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	DXF	0.1% Gasoil FOB Rdam Barges vs Gasoil 1st Line BALMO Swap Day 6	Fut	Electronic	27.25	USD	FRPL	11	USD	FRPL	38.25	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	DXG	0.1% Gasoil FOB Rdam Barges vs Gasoil 1st Line BALMO Swap Day 7	Fut	Electronic	27.25	USD	FRPL	11	USD	FRPL	38.25	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	DXH	0.1% Gasoil FOB Rdam Barges vs Gasoil 1st Line BALMO Swap Day 8	Fut	Electronic	27.25	USD	FRPL	11	USD	FRPL	38.25	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	DXI	0.1% Gasoil FOB Rdam Barges vs Gasoil 1st Line BALMO Swap Day 9	Fut	Electronic	27.25	USD	FRPL	11	USD	FRPL	38.25	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	DXJ	0.1% Gasoil FOB Rdam Barges vs Gasoil 1st Line BALMO Swap Day 10	Fut	Electronic	27.25	USD	FRPL	11	USD	FRPL	38.25	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	DXK	0.1% Gasoil FOB Rdam Barges vs Gasoil 1st Line BALMO Swap Day 11	Fut	Electronic	27.25	USD	FRPL	11	USD	FRPL	38.25	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	DXL	0.1% Gasoil FOB Rdam Barges vs Gasoil 1st Line BALMO Swap Day 12	Fut	Electronic	27.25	USD	FRPL	11	USD	FRPL	38.25	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	DXM	0.1% Gasoil FOB Rdam Barges vs Gasoil 1st Line BALMO Swap Day 13	Fut	Electronic	27.25	USD	FRPL	11	USD	FRPL	38.25	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	DXN	0.1% Gasoil FOB Rdam Barges vs Gasoil 1st Line BALMO Swap Day 14	Fut	Electronic	27.25	USD	FRPL	11	USD	FRPL	38.25	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	DXO	0.1% Gasoil FOB Rdam Barges vs Gasoil 1st Line BALMO Swap Day 15	Fut	Electronic	27.25	USD	FRPL	11	USD	FRPL	38.25	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	DXP	0.1% Gasoil FOB Rdam Barges vs Gasoil 1st Line BALMO Swap Day 16	Fut	Electronic	27.25	USD	FRPL	11	USD	FRPL	38.25	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	DXQ	0.1% Gasoil FOB Rdam Barges vs Gasoil 1st Line BALMO Swap Day 17	Fut	Electronic	27.25	USD	FRPL	11	USD	FRPL	38.25	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	DXR	0.1% Gasoil FOB Rdam Barges vs Gasoil 1st Line BALMO Swap Day 18	Fut	Electronic	27.25	USD	FRPL	11	USD	FRPL	38.25	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	DXS	0.1% Gasoil FOB Rdam Barges vs Gasoil 1st Line BALMO Swap Day 19	Fut	Electronic	27.25	USD	FRPL	11	USD	FRPL	38.25	0.2	USD	FRPL

Exch Code	Exch Desc	Comm Group	Prod Code	Product Desc	F/O	Platform	Trd Fee	Trd Fee Cur	Trd Fee Meth	Clr Fee	Clr Fee Cur	Clr Fee Meth	Fee Total	Brk Fee	Brk Fee Cur	Brk Fee Meth
ICE	Intercontinental Exchange	Energy	DXT	0.1% Gasoil FOB Rdam Barges vs Gasoil 1st Line BALMO Swap Day 20	Fut	Electronic	27.25	USD	FRPL	11	USD	FRPL	38.25	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	DXU	0.1% Gasoil FOB Rdam Barges vs Gasoil 1st Line BALMO Swap Day 21	Fut	Electronic	27.25	USD	FRPL	11	USD	FRPL	38.25	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	DXV	0.1% Gasoil FOB Rdam Barges vs Gasoil 1st Line BALMO Swap Day 22	Fut	Electronic	27.25	USD	FRPL	11	USD	FRPL	38.25	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	DXW	0.1% Gasoil FOB Rdam Barges vs Gasoil 1st Line BALMO Swap Day 23	Fut	Electronic	27.25	USD	FRPL	11	USD	FRPL	38.25	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	DXX	0.1% Gasoil FOB Rdam Barges vs Gasoil 1st Line BALMO Swap Day 24	Fut	Electronic	27.25	USD	FRPL	11	USD	FRPL	38.25	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	DXY	0.1% Gasoil FOB Rdam Barges vs Gasoil 1st Line BALMO Swap Day 25	Fut	Electronic	27.25	USD	FRPL	11	USD	FRPL	38.25	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	DXZ	0.1% Gasoil FOB Rdam Barges vs Gasoil 1st Line BALMO Swap Day 26	Fut	Electronic	27.25	USD	FRPL	11	USD	FRPL	38.25	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	DYA	0.1% Gasoil FOB Rdam Barges vs Gasoil 1st Line BALMO Swap Day 27	Fut	Electronic	27.25	USD	FRPL	11	USD	FRPL	38.25	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	DYB	0.1% Gasoil FOB Rdam Barges vs Gasoil 1st Line BALMO Swap Day 28	Fut	Electronic	27.25	USD	FRPL	11	USD	FRPL	38.25	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	DYC	0.1% Gasoil FOB Rdam Barges vs Gasoil 1st Line BALMO Swap Day 29	Fut	Electronic	27.25	USD	FRPL	11	USD	FRPL	38.25	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	DYD	0.1% Gasoil FOB Rdam Barges vs Gasoil 1st Line BALMO Swap Day 30	Fut	Electronic	27.25	USD	FRPL	11	USD	FRPL	38.25	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	DYE	0.1% Gasoil FOB Rdam Barges vs Gasoil 1st Line BALMO Swap Day 31	Fut	Electronic	27.25	USD	FRPL	11	USD	FRPL	38.25	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	DYF	ULSD 10ppm Cargoes CIF MED vs Gasoil 1st Line Balmo Swap Day 1	Fut	Electronic	27.25	USD	FRPL	11	USD	FRPL	38.25	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	DYG	ULSD 10ppm Cargoes CIF MED vs Gasoil 1st Line Balmo Swap Day 2	Fut	Electronic	27.25	USD	FRPL	11	USD	FRPL	38.25	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	DYH	ULSD 10ppm Cargoes CIF MED vs Gasoil 1st Line Balmo Swap Day 3	Fut	Electronic	27.25	USD	FRPL	11	USD	FRPL	38.25	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	DYI	ULSD 10ppm Cargoes CIF MED vs Gasoil 1st Line Balmo Swap Day 4	Fut	Electronic	27.25	USD	FRPL	11	USD	FRPL	38.25	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	DYJ	ULSD 10ppm Cargoes CIF MED vs Gasoil 1st Line Balmo Swap Day 5	Fut	Electronic	27.25	USD	FRPL	11	USD	FRPL	38.25	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	DYK	ULSD 10ppm Cargoes CIF MED vs Gasoil 1st Line Balmo Swap Day 6	Fut	Electronic	27.25	USD	FRPL	11	USD	FRPL	38.25	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	DYL	ULSD 10ppm Cargoes CIF MED vs Gasoil 1st Line Balmo Swap Day 7	Fut	Electronic	27.25	USD	FRPL	11	USD	FRPL	38.25	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	DYM	ULSD 10ppm Cargoes CIF MED vs Gasoil 1st Line Balmo Swap Day 8	Fut	Electronic	27.25	USD	FRPL	11	USD	FRPL	38.25	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	DYN	ULSD 10ppm Cargoes CIF MED vs Gasoil 1st Line Balmo Swap Day 9	Fut	Electronic	27.25	USD	FRPL	11	USD	FRPL	38.25	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	DYO	ULSD 10ppm Cargoes CIF MED vs Gasoil 1st Line Balmo Swap Day 10	Fut	Electronic	27.25	USD	FRPL	11	USD	FRPL	38.25	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	DYP	ULSD 10ppm Cargoes CIF MED vs Gasoil 1st Line Balmo Swap Day 11	Fut	Electronic	27.25	USD	FRPL	11	USD	FRPL	38.25	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	DYQ	ULSD 10ppm Cargoes CIF MED vs Gasoil 1st Line Balmo Swap Day 12	Fut	Electronic	27.25	USD	FRPL	11	USD	FRPL	38.25	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	DYR	ULSD 10ppm Cargoes CIF MED vs Gasoil 1st Line Balmo Swap Day 13	Fut	Electronic	27.25	USD	FRPL	11	USD	FRPL	38.25	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	DYS	ULSD 10ppm Cargoes CIF MED vs Gasoil 1st Line Balmo Swap Day 14	Fut	Electronic	27.25	USD	FRPL	11	USD	FRPL	38.25	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	DYT	ULSD 10ppm Cargoes CIF MED vs Gasoil 1st Line Balmo Swap Day 15	Fut	Electronic	27.25	USD	FRPL	11	USD	FRPL	38.25	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	DYU	ULSD 10ppm Cargoes CIF MED vs Gasoil 1st Line Balmo Swap Day 16	Fut	Electronic	27.25	USD	FRPL	11	USD	FRPL	38.25	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	DYV	ULSD 10ppm Cargoes CIF MED vs Gasoil 1st Line Balmo Swap Day 17	Fut	Electronic	27.25	USD	FRPL	11	USD	FRPL	38.25	0.2	USD	FRPL

Exch Code	Exch Desc	Comm Group	Prod Code	Product Desc	F/O	Platform	Trd Fee	Trd Fee Cur	Trd Fee Meth	Clr Fee	Clr Fee Cur	Clr Fee Meth	Fee Total	Brk Fee	Brk Fee Cur	Brk Fee Meth
ICE	Intercontinental Exchange	Energy	DYW	ULSD 10ppm Cargoes CIF MED vs Gasoil 1st Line Balmo Swap Day 18	Fut	Electronic	27.25	USD	FRPL	11	USD	FRPL	38.25	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	DYX	ULSD 10ppm Cargoes CIF MED vs Gasoil 1st Line Balmo Swap Day 19	Fut	Electronic	27.25	USD	FRPL	11	USD	FRPL	38.25	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	DYY	ULSD 10ppm Cargoes CIF MED vs Gasoil 1st Line Balmo Swap Day 20	Fut	Electronic	27.25	USD	FRPL	11	USD	FRPL	38.25	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	DYZ	ULSD 10ppm Cargoes CIF MED vs Gasoil 1st Line Balmo Swap Day 21	Fut	Electronic	27.25	USD	FRPL	11	USD	FRPL	38.25	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	DZA	ULSD 10ppm Cargoes CIF MED vs Gasoil 1st Line Balmo Swap Day 22	Fut	Electronic	27.25	USD	FRPL	11	USD	FRPL	38.25	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	DZB	ULSD 10ppm Cargoes CIF MED vs Gasoil 1st Line Balmo Swap Day 23	Fut	Electronic	27.25	USD	FRPL	11	USD	FRPL	38.25	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	DZC	ULSD 10ppm Cargoes CIF MED vs Gasoil 1st Line Balmo Swap Day 24	Fut	Electronic	27.25	USD	FRPL	11	USD	FRPL	38.25	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	DZD	ULSD 10ppm Cargoes CIF MED vs Gasoil 1st Line Balmo Swap Day 25	Fut	Electronic	27.25	USD	FRPL	11	USD	FRPL	38.25	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	DZE	ULSD 10ppm Cargoes CIF MED vs Gasoil 1st Line Balmo Swap Day 26	Fut	Electronic	27.25	USD	FRPL	11	USD	FRPL	38.25	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	DZF	ULSD 10ppm Cargoes CIF MED vs Gasoil 1st Line Balmo Swap Day 27	Fut	Electronic	27.25	USD	FRPL	11	USD	FRPL	38.25	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	DZG	ULSD 10ppm Cargoes CIF MED vs Gasoil 1st Line Balmo Swap Day 28	Fut	Electronic	27.25	USD	FRPL	11	USD	FRPL	38.25	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	DZH	ULSD 10ppm Cargoes CIF MED vs Gasoil 1st Line Balmo Swap Day 29	Fut	Electronic	27.25	USD	FRPL	11	USD	FRPL	38.25	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	DZI	ULSD 10ppm Cargoes CIF MED vs Gasoil 1st Line Balmo Swap Day 30	Fut	Electronic	27.25	USD	FRPL	11	USD	FRPL	38.25	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	DZJ	ULSD 10ppm Cargoes CIF MED vs Gasoil 1st Line Balmo Swap Day 31	Fut	Electronic	27.25	USD	FRPL	11	USD	FRPL	38.25	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	EAA	Naphtha CIF NWE Cargoes BALMO Swap Day 1	Fut	Electronic	34.5	USD	FRPL	11	USD	FRPL	45.5	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	EAB	Naphtha CIF NWE Cargoes BALMO Swap Day 2	Fut	Electronic	34.5	USD	FRPL	11	USD	FRPL	45.5	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	EAC	Naphtha CIF NWE Cargoes BALMO Swap Day 3	Fut	Electronic	34.5	USD	FRPL	11	USD	FRPL	45.5	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	EAD	Naphtha CIF NWE Cargoes BALMO Swap Day 4	Fut	Electronic	34.5	USD	FRPL	11	USD	FRPL	45.5	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	EAE	Naphtha CIF NWE Cargoes BALMO Swap Day 5	Fut	Electronic	34.5	USD	FRPL	11	USD	FRPL	45.5	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	EAF	Naphtha CIF NWE Cargoes BALMO Swap Day 6	Fut	Electronic	34.5	USD	FRPL	11	USD	FRPL	45.5	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	EAG	Naphtha CIF NWE Cargoes BALMO Swap Day 7	Fut	Electronic	34.5	USD	FRPL	11	USD	FRPL	45.5	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	EAH	Naphtha CIF NWE Cargoes BALMO Swap Day 8	Fut	Electronic	34.5	USD	FRPL	11	USD	FRPL	45.5	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	EAI	Naphtha CIF NWE Cargoes BALMO Swap Day 9	Fut	Electronic	34.5	USD	FRPL	11	USD	FRPL	45.5	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	EAJ	Naphtha CIF NWE Cargoes BALMO Swap Day 10	Fut	Electronic	34.5	USD	FRPL	11	USD	FRPL	45.5	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	EAK	Naphtha CIF NWE Cargoes BALMO Swap Day 11	Fut	Electronic	34.5	USD	FRPL	11	USD	FRPL	45.5	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	EAL	Naphtha CIF NWE Cargoes BALMO Swap Day 12	Fut	Electronic	34.5	USD	FRPL	11	USD	FRPL	45.5	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	EAM	Naphtha CIF NWE Cargoes BALMO Swap Day 13	Fut	Electronic	34.5	USD	FRPL	11	USD	FRPL	45.5	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	EAN	Naphtha CIF NWE Cargoes BALMO Swap Day 14	Fut	Electronic	34.5	USD	FRPL	11	USD	FRPL	45.5	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	EAO	Naphtha CIF NWE Cargoes BALMO Swap Day 15	Fut	Electronic	34.5	USD	FRPL	11	USD	FRPL	45.5	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	EAP	Naphtha CIF NWE Cargoes BALMO Swap Day 16	Fut	Electronic	34.5	USD	FRPL	11	USD	FRPL	45.5	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	EAQ	Naphtha CIF NWE Cargoes BALMO Swap Day 17	Fut	Electronic	34.5	USD	FRPL	11	USD	FRPL	45.5	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	EAR	Naphtha CIF NWE Cargoes BALMO Swap Day 18	Fut	Electronic	34.5	USD	FRPL	11	USD	FRPL	45.5	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	EAS	Naphtha CIF NWE Cargoes BALMO Swap Day 19	Fut	Electronic	34.5	USD	FRPL	11	USD	FRPL	45.5	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	EAT	Naphtha CIF NWE Cargoes BALMO Swap Day 20	Fut	Electronic	34.5	USD	FRPL	11	USD	FRPL	45.5	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	EAU	Naphtha CIF NWE Cargoes BALMO Swap Day 21	Fut	Electronic	34.5	USD	FRPL	11	USD	FRPL	45.5	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	EAV	Naphtha CIF NWE Cargoes BALMO Swap Day 22	Fut	Electronic	34.5	USD	FRPL	11	USD	FRPL	45.5	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	EAW	Naphtha CIF NWE Cargoes BALMO Swap Day 23	Fut	Electronic	34.5	USD	FRPL	11	USD	FRPL	45.5	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	EAX	Naphtha CIF NWE Cargoes BALMO Swap Day 24	Fut	Electronic	34.5	USD	FRPL	11	USD	FRPL	45.5	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	EAY	Naphtha CIF NWE Cargoes BALMO Swap Day 25	Fut	Electronic	34.5	USD	FRPL	11	USD	FRPL	45.5	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	EAZ	Naphtha CIF NWE Cargoes BALMO Swap Day 26	Fut	Electronic	34.5	USD	FRPL	11	USD	FRPL	45.5	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	EBA	Naphtha CIF NWE Cargoes BALMO Swap Day 27	Fut	Electronic	34.5	USD	FRPL	11	USD	FRPL	45.5	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	EBB	Naphtha CIF NWE Cargoes BALMO Swap Day 28	Fut	Electronic	34.5	USD	FRPL	11	USD	FRPL	45.5	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	EBC	Naphtha CIF NWE Cargoes BALMO Swap Day 29	Fut	Electronic	34.5	USD	FRPL	11	USD	FRPL	45.5	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	EBD	Naphtha CIF NWE Cargoes BALMO Swap Day 30	Fut	Electronic	34.5	USD	FRPL	11	USD	FRPL	45.5	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	EBE	Naphtha CIF NWE Cargoes BALMO Swap Day 31	Fut	Electronic	34.5	USD	FRPL	11	USD	FRPL	45.5	0.2	USD	FRPL

Exch Code	Exch Desc	Comm Group	Prod Code	Product Desc	F/O	Platform	Trd Fee	Trd Fee Cur	Trd Fee Meth	Clr Fee	Clr Fee Cur	Clr Fee Meth	Fee Total	Brk Fee	Brk Fee Cur	Brk Fee Meth
ICE	Intercontinental Exchange	Energy	ECB	Mt. B-Enterprise, FP for OPIS - Financial Ethane Contained in E/P Mix Swap	Fut	Electronic	7.5	USD	FRPL	3.25	USD	FRPL	10.75	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	ECC	Conway, FP for OPIS - Financial Ethane Contained in E/P Mix Swap	Fut	Electronic	7.5	USD	FRPL	3.25	USD	FRPL	10.75	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	EDH	ERCOT Houston Load Zone RT, Peak Monthly	Fut	Electronic	0.04	USD	FRPL	0.12	USD	FRPL	0.16	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	EDN	ERCOT North Load Zone RT, Peak Monthly	Fut	Electronic	0.04	USD	FRPL	0.12	USD	FRPL	0.16	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	EDP	Nepool Peak Daily	Fut	Electronic	2	USD	FRPL	4	USD	FRPL	6	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	EDP	Nepool MH DA Peak Daily	Opt	Electronic	2	USD	FRPL	4	USD	FRPL	6	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	EDS	ERCOT South Load Zone RT, Peak Monthly	Fut	Electronic	0.04	USD	FRPL	0.12	USD	FRPL	0.16	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	EDW	ERCOT West Load Zone RT, Peak Monthly	Fut	Electronic	0.04	USD	FRPL	0.12	USD	FRPL	0.16	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	EEA	Mt Belvieu-Ent Ethane, FP for OPIS Average Balmo Day 1	Fut	Electronic	7.5	USD	FRPL	3.25	USD	FRPL	10.75	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	EEB	Mt Belvieu-Ent Ethane, FP for OPIS Average Balmo Day 2	Fut	Electronic	7.5	USD	FRPL	3.25	USD	FRPL	10.75	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	EEC	Mt Belvieu-Ent Ethane, FP for OPIS Average Balmo Day 3	Fut	Electronic	7.5	USD	FRPL	3.25	USD	FRPL	10.75	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	EED	Mt Belvieu-Ent Ethane, FP for OPIS Average Balmo Day 4	Fut	Electronic	7.5	USD	FRPL	3.25	USD	FRPL	10.75	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	EEE	Mt Belvieu-Ent Ethane, FP for OPIS Average Balmo Day 5	Fut	Electronic	7.5	USD	FRPL	3.25	USD	FRPL	10.75	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	EEF	Mt Belvieu-Ent Ethane, FP for OPIS Average Balmo Day 6	Fut	Electronic	7.5	USD	FRPL	3.25	USD	FRPL	10.75	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	EEG	Mt Belvieu-Ent Ethane, FP for OPIS Average Balmo Day 7	Fut	Electronic	7.5	USD	FRPL	3.25	USD	FRPL	10.75	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	EEH	Mt Belvieu-Ent Ethane, FP for OPIS Average Balmo Day 8	Fut	Electronic	7.5	USD	FRPL	3.25	USD	FRPL	10.75	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	EEI	Mt Belvieu-Ent Ethane, FP for OPIS Average Balmo Day 9	Fut	Electronic	7.5	USD	FRPL	3.25	USD	FRPL	10.75	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	EEJ	Mt Belvieu-Ent Ethane, FP for OPIS Average Balmo Day 10	Fut	Electronic	7.5	USD	FRPL	3.25	USD	FRPL	10.75	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	EEK	Mt Belvieu-Ent Ethane, FP for OPIS Average Balmo Day 11	Fut	Electronic	7.5	USD	FRPL	3.25	USD	FRPL	10.75	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	EEL	Mt Belvieu-Ent Ethane, FP for OPIS Average Balmo Day 12	Fut	Electronic	7.5	USD	FRPL	3.25	USD	FRPL	10.75	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	EEM	Mt Belvieu-Ent Ethane, FP for OPIS Average Balmo Day 13	Fut	Electronic	7.5	USD	FRPL	3.25	USD	FRPL	10.75	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	EEN	Mt Belvieu-Ent Ethane, FP for OPIS Average Balmo Day 14	Fut	Electronic	7.5	USD	FRPL	3.25	USD	FRPL	10.75	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	EEO	Mt Belvieu-Ent Ethane, FP for OPIS Average Balmo Day 15	Fut	Electronic	7.5	USD	FRPL	3.25	USD	FRPL	10.75	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	EEP	Mt Belvieu-Ent Ethane, FP for OPIS Average Balmo Day 16	Fut	Electronic	7.5	USD	FRPL	3.25	USD	FRPL	10.75	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	EEQ	Mt Belvieu-Ent Ethane, FP for OPIS Average Balmo Day 17	Fut	Electronic	7.5	USD	FRPL	3.25	USD	FRPL	10.75	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	EER	Mt Belvieu-Ent Ethane, FP for OPIS Average Balmo Day 18	Fut	Electronic	7.5	USD	FRPL	3.25	USD	FRPL	10.75	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	EES	Mt Belvieu-Ent Ethane, FP for OPIS Average Balmo Day 19	Fut	Electronic	7.5	USD	FRPL	3.25	USD	FRPL	10.75	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	EET	Mt Belvieu-Ent Ethane, FP for OPIS Average Balmo Day 20	Fut	Electronic	7.5	USD	FRPL	3.25	USD	FRPL	10.75	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	EEU	Mt Belvieu-Ent Ethane, FP for OPIS Average Balmo Day 21	Fut	Electronic	7.5	USD	FRPL	3.25	USD	FRPL	10.75	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	EEV	Mt Belvieu-Ent Ethane, FP for OPIS Average Balmo Day 22	Fut	Electronic	7.5	USD	FRPL	3.25	USD	FRPL	10.75	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	EEW	Mt Belvieu-Ent Ethane, FP for OPIS Average Balmo Day 23	Fut	Electronic	7.5	USD	FRPL	3.25	USD	FRPL	10.75	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	EEX	Mt Belvieu-Ent Ethane, FP for OPIS Average Balmo Day 24	Fut	Electronic	7.5	USD	FRPL	3.25	USD	FRPL	10.75	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	EEY	Mt Belvieu-Ent Ethane, FP for OPIS Average Balmo Day 25	Fut	Electronic	7.5	USD	FRPL	3.25	USD	FRPL	10.75	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	EEZ	Mt Belvieu-Ent Ethane, FP for OPIS Average Balmo Day 26	Fut	Electronic	7.5	USD	FRPL	3.25	USD	FRPL	10.75	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	EFA	Mt Belvieu-Ent Ethane, FP for OPIS Average Balmo Day 27	Fut	Electronic	7.5	USD	FRPL	3.25	USD	FRPL	10.75	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	EFB	Mt Belvieu-Ent Ethane, FP for OPIS Average Balmo Day 28	Fut	Electronic	7.5	USD	FRPL	3.25	USD	FRPL	10.75	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	EFC	Mt Belvieu-Ent Ethane, FP for OPIS Average Balmo Day 29	Fut	Electronic	7.5	USD	FRPL	3.25	USD	FRPL	10.75	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	EFD	Mt Belvieu-Ent Ethane, FP for OPIS Average Balmo Day 30	Fut	Electronic	7.5	USD	FRPL	3.25	USD	FRPL	10.75	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	EFE	Mt Belvieu-Ent Ethane, FP for OPIS Average Balmo Day 31	Fut	Electronic	7.5	USD	FRPL	3.25	USD	FRPL	10.75	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	EGD	Argus Far East Index vs Argus CIF ARA Large Cargo Differential - Financial Propane Swap	Fut	Electronic	80	USD	FRPL	28	USD	FRPL	108	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	EHD	ERCOT Houston Zone, Peak Daily	Fut	Electronic	2	USD	FRPL	4	USD	FRPL	6	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	EIS	PG&E Citygate Financial Index	Fut	Electronic	0.14	USD	FRPL	0.52	USD	FRPL	0.66	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	EJA	0.1% Gasoil FOB Rdam Barges BALMO Swap Day 1	Fut	Electronic	27.25	USD	FRPL	11	USD	FRPL	38.25	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	EJB	0.1% Gasoil FOB Rdam Barges BALMO Swap Day 2	Fut	Electronic	27.25	USD	FRPL	11	USD	FRPL	38.25	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	EJC	0.1% Gasoil FOB Rdam Barges BALMO Swap Day 3	Fut	Electronic	27.25	USD	FRPL	11	USD	FRPL	38.25	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	EJD	0.1% Gasoil FOB Rdam Barges BALMO Swap Day 4	Fut	Electronic	27.25	USD	FRPL	11	USD	FRPL	38.25	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	EJE	0.1% Gasoil FOB Rdam Barges BALMO Swap Day 5	Fut	Electronic	27.25	USD	FRPL	11	USD	FRPL	38.25	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	EJF	0.1% Gasoil FOB Rdam Barges BALMO Swap Day 6	Fut	Electronic	27.25	USD	FRPL	11	USD	FRPL	38.25	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	EJG	0.1% Gasoil FOB Rdam Barges BALMO Swap Day 7	Fut	Electronic	27.25	USD	FRPL	11	USD	FRPL	38.25	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	EJH	0.1% Gasoil FOB Rdam Barges BALMO Swap Day 8	Fut	Electronic	27.25	USD	FRPL	11	USD	FRPL	38.25	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	EJI	0.1% Gasoil FOB Rdam Barges BALMO Swap Day 9	Fut	Electronic	27.25	USD	FRPL	11	USD	FRPL	38.25	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	EJJ	0.1% Gasoil FOB Rdam Barges BALMO Swap Day 10	Fut	Electronic	27.25	USD	FRPL	11	USD	FRPL	38.25	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	EJK	0.1% Gasoil FOB Rdam Barges BALMO Swap Day 11	Fut	Electronic	27.25	USD	FRPL	11	USD	FRPL	38.25	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	EJL	0.1% Gasoil FOB Rdam Barges BALMO Swap Day 12	Fut	Electronic	27.25	USD	FRPL	11	USD	FRPL	38.25	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	EJM	0.1% Gasoil FOB Rdam Barges BALMO Swap Day 13	Fut	Electronic	27.25	USD	FRPL	11	USD	FRPL	38.25	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	EJN	0.1% Gasoil FOB Rdam Barges BALMO Swap Day 14	Fut	Electronic	27.25	USD	FRPL	11	USD	FRPL	38.25	0.2	USD	FRPL

Exch Code	Exch Desc	Comm Group	Prod Code	Product Desc	F/O	Platform	Trd Fee	Trd Fee Cur	Trd Fee Meth	Clr Fee	Clr Fee Cur	Clr Fee Meth	Fee Total	Brk Fee	Brk Fee Cur	Brk Fee Meth
ICE	Intercontinental Exchange	Energy	EJO	0.1% Gasoil FOB Rdam Barges BALMO Swap Day 15	Fut	Electronic	27.25	USD	FRPL	11	USD	FRPL	38.25	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	EJP	0.1% Gasoil FOB Rdam Barges BALMO Swap Day 16	Fut	Electronic	27.25	USD	FRPL	11	USD	FRPL	38.25	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	EJQ	0.1% Gasoil FOB Rdam Barges BALMO Swap Day 17	Fut	Electronic	27.25	USD	FRPL	11	USD	FRPL	38.25	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	EJR	0.1% Gasoil FOB Rdam Barges BALMO Swap Day 18	Fut	Electronic	27.25	USD	FRPL	11	USD	FRPL	38.25	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	EJS	0.1% Gasoil FOB Rdam Barges BALMO Swap Day 19	Fut	Electronic	27.25	USD	FRPL	11	USD	FRPL	38.25	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	EJT	0.1% Gasoil FOB Rdam Barges BALMO Swap Day 20	Fut	Electronic	27.25	USD	FRPL	11	USD	FRPL	38.25	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	EJU	0.1% Gasoil FOB Rdam Barges BALMO Swap Day 21	Fut	Electronic	27.25	USD	FRPL	11	USD	FRPL	38.25	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	EJV	0.1% Gasoil FOB Rdam Barges BALMO Swap Day 22	Fut	Electronic	27.25	USD	FRPL	11	USD	FRPL	38.25	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	EJW	0.1% Gasoil FOB Rdam Barges BALMO Swap Day 23	Fut	Electronic	27.25	USD	FRPL	11	USD	FRPL	38.25	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	EJX	0.1% Gasoil FOB Rdam Barges BALMO Swap Day 24	Fut	Electronic	27.25	USD	FRPL	11	USD	FRPL	38.25	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	EJY	0.1% Gasoil FOB Rdam Barges BALMO Swap Day 25	Fut	Electronic	27.25	USD	FRPL	11	USD	FRPL	38.25	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	EJZ	0.1% Gasoil FOB Rdam Barges BALMO Swap Day 26	Fut	Electronic	27.25	USD	FRPL	11	USD	FRPL	38.25	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	EKA	0.1% Gasoil FOB Rdam Barges BALMO Swap Day 27	Fut	Electronic	27.25	USD	FRPL	11	USD	FRPL	38.25	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	EKB	0.1% Gasoil FOB Rdam Barges BALMO Swap Day 28	Fut	Electronic	27.25	USD	FRPL	11	USD	FRPL	38.25	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	EKC	0.1% Gasoil FOB Rdam Barges BALMO Swap Day 29	Fut	Electronic	27.25	USD	FRPL	11	USD	FRPL	38.25	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	EKD	0.1% Gasoil FOB Rdam Barges BALMO Swap Day 30	Fut	Electronic	27.25	USD	FRPL	11	USD	FRPL	38.25	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	EKE	0.1% Gasoil FOB Rdam Barges BALMO Swap Day 31	Fut	Electronic	27.25	USD	FRPL	11	USD	FRPL	38.25	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	ELA	Jet CIF NWE Cargoes BALMO Swap Day 1	Fut	Electronic	29.4	USD	FRPL	11	USD	FRPL	40.4	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	ELB	Jet CIF NWE Cargoes BALMO Swap Day 2	Fut	Electronic	29.4	USD	FRPL	11	USD	FRPL	40.4	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	ELC	Jet CIF NWE Cargoes BALMO Swap Day 3	Fut	Electronic	29.4	USD	FRPL	11	USD	FRPL	40.4	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	ELD	Jet CIF NWE Cargoes BALMO Swap Day 4	Fut	Electronic	29.4	USD	FRPL	11	USD	FRPL	40.4	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	ELE	Jet CIF NWE Cargoes BALMO Swap Day 5	Fut	Electronic	29.4	USD	FRPL	11	USD	FRPL	40.4	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	ELF	Jet CIF NWE Cargoes BALMO Swap Day 6	Fut	Electronic	29.4	USD	FRPL	11	USD	FRPL	40.4	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	ELG	Jet CIF NWE Cargoes BALMO Swap Day 7	Fut	Electronic	29.4	USD	FRPL	11	USD	FRPL	40.4	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	ELH	Jet CIF NWE Cargoes BALMO Swap Day 8	Fut	Electronic	29.4	USD	FRPL	11	USD	FRPL	40.4	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	ELI	Jet CIF NWE Cargoes BALMO Swap Day 9	Fut	Electronic	29.4	USD	FRPL	11	USD	FRPL	40.4	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	ELJ	Jet CIF NWE Cargoes BALMO Swap Day 10	Fut	Electronic	29.4	USD	FRPL	11	USD	FRPL	40.4	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	ELK	Jet CIF NWE Cargoes BALMO Swap Day 11	Fut	Electronic	29.4	USD	FRPL	11	USD	FRPL	40.4	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	ELL	Jet CIF NWE Cargoes BALMO Swap Day 12	Fut	Electronic	29.4	USD	FRPL	11	USD	FRPL	40.4	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	ELM	Jet CIF NWE Cargoes BALMO Swap Day 13	Fut	Electronic	29.4	USD	FRPL	11	USD	FRPL	40.4	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	ELN	Jet CIF NWE Cargoes BALMO Swap Day 14	Fut	Electronic	29.4	USD	FRPL	11	USD	FRPL	40.4	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	ELO	Jet CIF NWE Cargoes BALMO Swap Day 15	Fut	Electronic	29.4	USD	FRPL	11	USD	FRPL	40.4	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	ELP	Jet CIF NWE Cargoes BALMO Swap Day 16	Fut	Electronic	29.4	USD	FRPL	11	USD	FRPL	40.4	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	ELQ	Jet CIF NWE Cargoes BALMO Swap Day 17	Fut	Electronic	29.4	USD	FRPL	11	USD	FRPL	40.4	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	ELR	Jet CIF NWE Cargoes BALMO Swap Day 18	Fut	Electronic	29.4	USD	FRPL	11	USD	FRPL	40.4	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	ELS	Jet CIF NWE Cargoes BALMO Swap Day 19	Fut	Electronic	29.4	USD	FRPL	11	USD	FRPL	40.4	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	ELT	Jet CIF NWE Cargoes BALMO Swap Day 20	Fut	Electronic	29.4	USD	FRPL	11	USD	FRPL	40.4	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	ELU	Jet CIF NWE Cargoes BALMO Swap Day 21	Fut	Electronic	29.4	USD	FRPL	11	USD	FRPL	40.4	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	ELV	Jet CIF NWE Cargoes BALMO Swap Day 22	Fut	Electronic	29.4	USD	FRPL	11	USD	FRPL	40.4	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	ELW	Jet CIF NWE Cargoes BALMO Swap Day 23	Fut	Electronic	29.4	USD	FRPL	11	USD	FRPL	40.4	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	ELX	Jet CIF NWE Cargoes BALMO Swap Day 24	Fut	Electronic	29.4	USD	FRPL	11	USD	FRPL	40.4	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	ELY	Jet CIF NWE Cargoes BALMO Swap Day 25	Fut	Electronic	29.4	USD	FRPL	11	USD	FRPL	40.4	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	ELZ	Jet CIF NWE Cargoes BALMO Swap Day 26	Fut	Electronic	29.4	USD	FRPL	11	USD	FRPL	40.4	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	EMA	Jet CIF NWE Cargoes BALMO Swap Day 27	Fut	Electronic	29.4	USD	FRPL	11	USD	FRPL	40.4	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	EMB	Jet CIF NWE Cargoes BALMO Swap Day 28	Fut	Electronic	29.4	USD	FRPL	11	USD	FRPL	40.4	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	EMC	Jet CIF NWE Cargoes BALMO Swap Day 29	Fut	Electronic	29.4	USD	FRPL	11	USD	FRPL	40.4	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	EMD	Jet CIF NWE Cargoes BALMO Swap Day 30	Fut	Electronic	29.4	USD	FRPL	11	USD	FRPL	40.4	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	EME	Jet CIF NWE Cargoes BALMO Swap Day 31	Fut	Electronic	29.4	USD	FRPL	11	USD	FRPL	40.4	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	END	ERCOT North Zone, Peak Daily	Fut	Electronic	2	USD	FRPL	4	USD	FRPL	6	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	ENO	ERCOT North 345LV Real Time Daily Swap	Fut	Electronic	2	USD	FRPL	4	USD	FRPL	6	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	ENO	ERCOT North 345KV Real Time Daily	Opt	Electronic	2	USD	FRPL	4	USD	FRPL	6	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	EOB	Argus EuroBOB OXY FOB Rotterdam Barge vs Brent 1st Line Swap	Fut	Electronic	31.65	USD	FRPL	11	USD	FRPL	42.65	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	EPA	ULSD 10 ppm CIF NWE (ARA)/Gasoil 1st Line BALMO Day 1	Fut	Electronic	27.25	USD	FRPL	11	USD	FRPL	38.25	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	EPB	ULSD 10 ppm CIF NWE (ARA)/Gasoil 1st Line BALMO Day 2	Fut	Electronic	27.25	USD	FRPL	11	USD	FRPL	38.25	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	EPC	ULSD 10 ppm CIF NWE (ARA)/Gasoil 1st Line BALMO Day 3	Fut	Electronic	27.25	USD	FRPL	11	USD	FRPL	38.25	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	EPD	ULSD 10 ppm CIF NWE (ARA)/Gasoil 1st Line BALMO Day 4	Fut	Electronic	27.25	USD	FRPL	11	USD	FRPL	38.25	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	EPE	ULSD 10 ppm CIF NWE (ARA)/Gasoil 1st Line BALMO Day 5	Fut	Electronic	27.25	USD	FRPL	11	USD	FRPL	38.25	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	EPF	ULSD 10 ppm CIF NWE (ARA)/Gasoil 1st Line BALMO Day 6	Fut	Electronic	27.25	USD	FRPL	11	USD	FRPL	38.25	0.2	USD	FRPL

Exch Code	Exch Desc	Comm Group	Prod Code	Product Desc	F/O	Platform	Trd Fee	Trd Fee Cur	Trd Fee Meth	Clr Fee	Clr Fee Cur	Clr Fee Meth	Fee Total	Brk Fee	Brk Fee Cur	Brk Fee Meth
ICE	Intercontinental Exchange	Energy	EPG	ULSD 10 ppm CIF NWE (ARA)/Gasoil 1st Line BALMO Day 7	Fut	Electronic	27.25	USD	FRPL	11	USD	FRPL	38.25	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	EPH	ULSD 10 ppm CIF NWE (ARA)/Gasoil 1st Line BALMO Day 8	Fut	Electronic	27.25	USD	FRPL	11	USD	FRPL	38.25	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	EPI	ULSD 10 ppm CIF NWE (ARA)/Gasoil 1st Line BALMO Day 9	Fut	Electronic	27.25	USD	FRPL	11	USD	FRPL	38.25	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	EPJ	ULSD 10 ppm CIF NWE (ARA)/Gasoil 1st Line BALMO Day 10	Fut	Electronic	27.25	USD	FRPL	11	USD	FRPL	38.25	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	EPK	ULSD 10 ppm CIF NWE (ARA)/Gasoil 1st Line BALMO Day 11	Fut	Electronic	27.25	USD	FRPL	11	USD	FRPL	38.25	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	EPL	ULSD 10 ppm CIF NWE (ARA)/Gasoil 1st Line BALMO Day 12	Fut	Electronic	27.25	USD	FRPL	11	USD	FRPL	38.25	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	EPM	ULSD 10 ppm CIF NWE (ARA)/Gasoil 1st Line BALMO Day 13	Fut	Electronic	27.25	USD	FRPL	11	USD	FRPL	38.25	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	EPN	ULSD 10 ppm CIF NWE (ARA)/Gasoil 1st Line BALMO Day 14	Fut	Electronic	27.25	USD	FRPL	11	USD	FRPL	38.25	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	EPO	ULSD 10 ppm CIF NWE (ARA)/Gasoil 1st Line BALMO Day 15	Fut	Electronic	27.25	USD	FRPL	11	USD	FRPL	38.25	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	EPP	ULSD 10 ppm CIF NWE (ARA)/Gasoil 1st Line BALMO Day 16	Fut	Electronic	27.25	USD	FRPL	11	USD	FRPL	38.25	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	EPQ	ULSD 10 ppm CIF NWE (ARA)/Gasoil 1st Line BALMO Day 17	Fut	Electronic	27.25	USD	FRPL	11	USD	FRPL	38.25	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	EPR	ULSD 10 ppm CIF NWE (ARA)/Gasoil 1st Line BALMO Day 18	Fut	Electronic	27.25	USD	FRPL	11	USD	FRPL	38.25	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	EPS	ULSD 10 ppm CIF NWE (ARA)/Gasoil 1st Line BALMO Day 19	Fut	Electronic	27.25	USD	FRPL	11	USD	FRPL	38.25	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	EPT	ULSD 10 ppm CIF NWE (ARA)/Gasoil 1st Line BALMO Day 20	Fut	Electronic	27.25	USD	FRPL	11	USD	FRPL	38.25	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	EPU	ULSD 10 ppm CIF NWE (ARA)/Gasoil 1st Line BALMO Day 21	Fut	Electronic	27.25	USD	FRPL	11	USD	FRPL	38.25	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	EPV	ULSD 10 ppm CIF NWE (ARA)/Gasoil 1st Line BALMO Day 22	Fut	Electronic	27.25	USD	FRPL	11	USD	FRPL	38.25	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	EPW	ULSD 10 ppm CIF NWE (ARA)/Gasoil 1st Line BALMO Day 23	Fut	Electronic	27.25	USD	FRPL	11	USD	FRPL	38.25	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	EPX	ULSD 10 ppm CIF NWE (ARA)/Gasoil 1st Line BALMO Day 24	Fut	Electronic	27.25	USD	FRPL	11	USD	FRPL	38.25	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	EPY	ULSD 10 ppm CIF NWE (ARA)/Gasoil 1st Line BALMO Day 25	Fut	Electronic	27.25	USD	FRPL	11	USD	FRPL	38.25	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	EPZ	ULSD 10 ppm CIF NWE (ARA)/Gasoil 1st Line BALMO Day 26	Fut	Electronic	27.25	USD	FRPL	11	USD	FRPL	38.25	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	EQA	ULSD 10 ppm CIF NWE (ARA)/Gasoil 1st Line BALMO Day 27	Fut	Electronic	27.25	USD	FRPL	11	USD	FRPL	38.25	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	EQB	ULSD 10 ppm CIF NWE (ARA)/Gasoil 1st Line BALMO Day 28	Fut	Electronic	27.25	USD	FRPL	11	USD	FRPL	38.25	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	EQC	ULSD 10 ppm CIF NWE (ARA)/Gasoil 1st Line BALMO Day 29	Fut	Electronic	27.25	USD	FRPL	11	USD	FRPL	38.25	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	EQD	ULSD 10 ppm CIF NWE (ARA)/Gasoil 1st Line BALMO Day 30	Fut	Electronic	27.25	USD	FRPL	11	USD	FRPL	38.25	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	EQE	ULSD 10 ppm CIF NWE (ARA)/Gasoil 1st Line BALMO Day 31	Fut	Electronic	27.25	USD	FRPL	11	USD	FRPL	38.25	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	ERH	ERCOT Houston Zone Peak	Fut	Electronic	2	USD	FRPL	6	USD	FRPL	8	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	ERN	ERCOT North Zone Peak	Fut	Electronic	2	USD	FRPL	6	USD	FRPL	8	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	ERN	ERCOT North Zone 345kv RT Peak	Opt	Electronic	2	USD	FRPL	4	USD	FRPL	6	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	ERS	ERCOT South Zone Peak	Fut	Electronic	2	USD	FRPL	6	USD	FRPL	8	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	ERW	ERCOT West Zone, Peak Monthly	Fut	Electronic	2	USD	FRPL	6	USD	FRPL	8	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	ESD	ERCOT South Zone, Peak Daily	Fut	Electronic	2	USD	FRPL	4	USD	FRPL	6	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	ESO	Platts East Siberian Pacific Ocean (ESPO) Swap	Fut	Electronic	1.25	USD	FRPL	1.34	USD	FRPL	2.59	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	ESP	Platts East Siberian Pacific Ocean (ESPO) Diff Swap	Fut	Electronic	1.25	USD	FRPL	1.34	USD	FRPL	2.59	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	ETC	Ethanol Swap - Chicago	Fut	Electronic	15	USD	FRPL	1	USD	FRPL	16	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	ETE	Mt Belvieu-Ent Ethane, FP for OPIS Average	Fut	Electronic	7.5	USD	FRPL	3.25	USD	FRPL	10.75	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	ETE	Mt Belvieu-Ent Ethane, FP for OPIS Average Price	Opt	Electronic	7.5	USD	FRPL	3.25	USD	FRPL	10.75	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	ETN	Ethanol Swap - New York	Fut	Electronic	15	USD	FRPL	1	USD	FRPL	16	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	EUA	Diesel 10ppm FOB Rdam Barges vs ICE Gasoil BALMO Swap Day 1	Fut	Electronic	27.25	USD	FRPL	11	USD	FRPL	38.25	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	EUB	Diesel 10ppm FOB Rdam Barges vs ICE Gasoil BALMO Swap Day 2	Fut	Electronic	27.25	USD	FRPL	11	USD	FRPL	38.25	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	EUC	Diesel 10ppm FOB Rdam Barges vs ICE Gasoil BALMO Swap Day 3	Fut	Electronic	27.25	USD	FRPL	11	USD	FRPL	38.25	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	EUD	Diesel 10ppm FOB Rdam Barges vs ICE Gasoil BALMO Swap Day 4	Fut	Electronic	27.25	USD	FRPL	11	USD	FRPL	38.25	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	EUE	Diesel 10ppm FOB Rdam Barges vs ICE Gasoil BALMO Swap Day 5	Fut	Electronic	27.25	USD	FRPL	11	USD	FRPL	38.25	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	EUF	Diesel 10ppm FOB Rdam Barges vs ICE Gasoil BALMO Swap Day 6	Fut	Electronic	27.25	USD	FRPL	11	USD	FRPL	38.25	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	EUG	Diesel 10ppm FOB Rdam Barges vs ICE Gasoil BALMO Swap Day 7	Fut	Electronic	27.25	USD	FRPL	11	USD	FRPL	38.25	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	EUH	Diesel 10ppm FOB Rdam Barges vs ICE Gasoil BALMO Swap Day 8	Fut	Electronic	27.25	USD	FRPL	11	USD	FRPL	38.25	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	EUI	Diesel 10ppm FOB Rdam Barges vs ICE Gasoil BALMO Swap Day 9	Fut	Electronic	27.25	USD	FRPL	11	USD	FRPL	38.25	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	EUJ	Diesel 10ppm FOB Rdam Barges vs ICE Gasoil BALMO Swap Day 10	Fut	Electronic	27.25	USD	FRPL	11	USD	FRPL	38.25	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	EUK	Diesel 10ppm FOB Rdam Barges vs ICE Gasoil BALMO Swap Day 11	Fut	Electronic	27.25	USD	FRPL	11	USD	FRPL	38.25	0.2	USD	FRPL

Exch Code	Exch Desc	Comm Group	Prod Code	Product Desc	F/O	Platform	Trd Fee	Trd Fee Cur	Trd Fee Meth	Clr Fee	Clr Fee Cur	Clr Fee Meth	Fee Total	Brk Fee	Brk Fee Cur	Brk Fee Meth
ICE	Intercontinental Exchange	Energy	EUL	Diesel 10ppm FOB Rdam Barges vs ICE Gasoil BALMO Swap Day 12	Fut	Electronic	27.25	USD	FRPL	11	USD	FRPL	38.25	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	EUM	Diesel 10ppm FOB Rdam Barges vs ICE Gasoil BALMO Swap Day 13	Fut	Electronic	27.25	USD	FRPL	11	USD	FRPL	38.25	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	EUN	Diesel 10ppm FOB Rdam Barges vs ICE Gasoil BALMO Swap Day 14	Fut	Electronic	27.25	USD	FRPL	11	USD	FRPL	38.25	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	EUO	Diesel 10ppm FOB Rdam Barges vs ICE Gasoil BALMO Swap Day 15	Fut	Electronic	27.25	USD	FRPL	11	USD	FRPL	38.25	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	EUP	Diesel 10ppm FOB Rdam Barges vs ICE Gasoil BALMO Swap Day 16	Fut	Electronic	27.25	USD	FRPL	11	USD	FRPL	38.25	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	EUQ	Diesel 10ppm FOB Rdam Barges vs ICE Gasoil BALMO Swap Day 17	Fut	Electronic	27.25	USD	FRPL	11	USD	FRPL	38.25	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	EUR	Diesel 10ppm FOB Rdam Barges vs ICE Gasoil BALMO Swap Day 18	Fut	Electronic	27.25	USD	FRPL	11	USD	FRPL	38.25	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	EUS	Diesel 10ppm FOB Rdam Barges vs ICE Gasoil BALMO Swap Day 19	Fut	Electronic	27.25	USD	FRPL	11	USD	FRPL	38.25	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	EUT	Diesel 10ppm FOB Rdam Barges vs ICE Gasoil BALMO Swap Day 20	Fut	Electronic	27.25	USD	FRPL	11	USD	FRPL	38.25	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	EUU	Diesel 10ppm FOB Rdam Barges vs ICE Gasoil BALMO Swap Day 21	Fut	Electronic	27.25	USD	FRPL	11	USD	FRPL	38.25	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	EUV	Diesel 10ppm FOB Rdam Barges vs ICE Gasoil BALMO Swap Day 22	Fut	Electronic	27.25	USD	FRPL	11	USD	FRPL	38.25	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	EUW	Diesel 10ppm FOB Rdam Barges vs ICE Gasoil BALMO Swap Day 23	Fut	Electronic	27.25	USD	FRPL	11	USD	FRPL	38.25	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	EUX	Diesel 10ppm FOB Rdam Barges vs ICE Gasoil BALMO Swap Day 24	Fut	Electronic	27.25	USD	FRPL	11	USD	FRPL	38.25	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	EUY	Diesel 10ppm FOB Rdam Barges vs ICE Gasoil BALMO Swap Day 25	Fut	Electronic	27.25	USD	FRPL	11	USD	FRPL	38.25	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	EUZ	Diesel 10ppm FOB Rdam Barges vs ICE Gasoil BALMO Swap Day 26	Fut	Electronic	27.25	USD	FRPL	11	USD	FRPL	38.25	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	EVA	Diesel 10ppm FOB Rdam Barges vs ICE Gasoil BALMO Swap Day 27	Fut	Electronic	27.25	USD	FRPL	11	USD	FRPL	38.25	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	EVB	Diesel 10ppm FOB Rdam Barges vs ICE Gasoil BALMO Swap Day 28	Fut	Electronic	27.25	USD	FRPL	11	USD	FRPL	38.25	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	EVC	Diesel 10ppm FOB Rdam Barges vs ICE Gasoil BALMO Swap Day 29	Fut	Electronic	27.25	USD	FRPL	11	USD	FRPL	38.25	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	EVD	Diesel 10ppm FOB Rdam Barges vs ICE Gasoil BALMO Swap Day 30	Fut	Electronic	27.25	USD	FRPL	11	USD	FRPL	38.25	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	EVE	Diesel 10ppm FOB Rdam Barges vs ICE Gasoil BALMO Swap Day 31	Fut	Electronic	27.25	USD	FRPL	11	USD	FRPL	38.25	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	EVN	ERCOT North 345kV Hub DA, Peak Monthly	Fut	Electronic	4	USD	FRPL	0.12	USD	FRPL	4.12	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	EWD	ERCOT West Zone, Peak Daily	Fut	Electronic	2	USD	FRPL	4	USD	FRPL	6	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	FAM	Argus FAME Zero Biodiesel FOB Rotterdam Swap	Fut	Electronic	27.25	USD	FRPL	11	USD	FRPL	38.25	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	FBC	Fuel Oil 1% FOB Rotterdam Barges vs 1% FOB NWE Cargoes Swap	Fut	Electronic	21.75	USD	FRPL	11	USD	FRPL	32.75	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	FBE	1% Rdam FOB Barges vs 1% CIF NWE Cargoes Swap	Fut	Electronic	21.75	USD	FRPL	11	USD	FRPL	32.75	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	FBG	Diesel 10ppm FOB Rotterdam Barges Bullet Swap	Fut	Electronic	2.73	USD	FRPL	1.09	USD	FRPL	3.82	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	FCA	1% Fuel Oil FOB NWE Cargoes vs 3.5% FOB Rotterdam Barges BALMO Swap Day 1	Fut	Electronic	21.75	USD	FRPL	11	USD	FRPL	32.75	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	FCB	1% Fuel Oil FOB NWE Cargoes vs 3.5% FOB Rotterdam Barges BALMO Swap Day 2	Fut	Electronic	21.75	USD	FRPL	11	USD	FRPL	32.75	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	FCC	1% Fuel Oil FOB NWE Cargoes vs 3.5% FOB Rotterdam Barges BALMO Swap Day 3	Fut	Electronic	21.75	USD	FRPL	11	USD	FRPL	32.75	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	FCD	1% Fuel Oil FOB NWE Cargoes vs 3.5% FOB Rotterdam Barges BALMO Swap Day 4	Fut	Electronic	21.75	USD	FRPL	11	USD	FRPL	32.75	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	FCE	1% Fuel Oil FOB NWE Cargoes vs 3.5% FOB Rotterdam Barges BALMO Swap Day 5	Fut	Electronic	21.75	USD	FRPL	11	USD	FRPL	32.75	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	FCF	1% Fuel Oil FOB NWE Cargoes vs 3.5% FOB Rotterdam Barges BALMO Swap Day 6	Fut	Electronic	21.75	USD	FRPL	11	USD	FRPL	32.75	0.2	USD	FRPL

Exch Code	Exch Desc	Comm Group	Prod Code	Product Desc	F/O	Platform	Trd Fee	Trd Fee Cur	Trd Fee Meth	Clr Fee	Clr Fee Cur	Clr Fee Meth	Fee Total	Brk Fee	Brk Fee Cur	Brk Fee Meth
ICE	Intercontinental Exchange	Energy	FCG	1% Fuel Oil FOB NWE Cargoes vs 3.5% FOB Rotterdam Barges BALMO Swap Day 7	Fut	Electronic	21.75	USD	FRPL	11	USD	FRPL	32.75	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	FCH	1% Fuel Oil FOB NWE Cargoes vs 3.5% FOB Rotterdam Barges BALMO Swap Day 8	Fut	Electronic	21.75	USD	FRPL	11	USD	FRPL	32.75	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	FCI	1% Fuel Oil FOB NWE Cargoes vs 3.5% FOB Rotterdam Barges BALMO Swap Day 9	Fut	Electronic	21.75	USD	FRPL	11	USD	FRPL	32.75	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	FCJ	1% Fuel Oil FOB NWE Cargoes vs 3.5% FOB Rotterdam Barges BALMO Swap Day 10	Fut	Electronic	21.75	USD	FRPL	11	USD	FRPL	32.75	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	FCK	1% Fuel Oil FOB NWE Cargoes vs 3.5% FOB Rotterdam Barges BALMO Swap Day 11	Fut	Electronic	21.75	USD	FRPL	11	USD	FRPL	32.75	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	FCL	1% Fuel Oil FOB NWE Cargoes vs 3.5% FOB Rotterdam Barges BALMO Swap Day 12	Fut	Electronic	21.75	USD	FRPL	11	USD	FRPL	32.75	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	FCM	1% Fuel Oil FOB NWE Cargoes vs 3.5% FOB Rotterdam Barges BALMO Swap Day 13	Fut	Electronic	21.75	USD	FRPL	11	USD	FRPL	32.75	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	FCN	1% Fuel Oil FOB NWE Cargoes vs 3.5% FOB Rotterdam Barges BALMO Swap Day 14	Fut	Electronic	21.75	USD	FRPL	11	USD	FRPL	32.75	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	FCO	1% Fuel Oil FOB NWE Cargoes vs 3.5% FOB Rotterdam Barges BALMO Swap Day 15	Fut	Electronic	21.75	USD	FRPL	11	USD	FRPL	32.75	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	FCP	1% Fuel Oil FOB NWE Cargoes vs 3.5% FOB Rotterdam Barges BALMO Swap Day 16	Fut	Electronic	21.75	USD	FRPL	11	USD	FRPL	32.75	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	FCQ	1% Fuel Oil FOB NWE Cargoes vs 3.5% FOB Rotterdam Barges BALMO Swap Day 17	Fut	Electronic	21.75	USD	FRPL	11	USD	FRPL	32.75	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	FCR	1% Fuel Oil FOB NWE Cargoes vs 3.5% FOB Rotterdam Barges BALMO Swap Day 18	Fut	Electronic	21.75	USD	FRPL	11	USD	FRPL	32.75	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	FCS	1% Fuel Oil FOB NWE Cargoes vs 3.5% FOB Rotterdam Barges BALMO Swap Day 19	Fut	Electronic	21.75	USD	FRPL	11	USD	FRPL	32.75	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	FCT	1% Fuel Oil FOB NWE Cargoes vs 3.5% FOB Rotterdam Barges BALMO Swap Day 20	Fut	Electronic	21.75	USD	FRPL	11	USD	FRPL	32.75	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	FCU	1% Fuel Oil FOB NWE Cargoes vs 3.5% FOB Rotterdam Barges BALMO Swap Day 21	Fut	Electronic	21.75	USD	FRPL	11	USD	FRPL	32.75	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	FCV	1% Fuel Oil FOB NWE Cargoes vs 3.5% FOB Rotterdam Barges BALMO Swap Day 22	Fut	Electronic	21.75	USD	FRPL	11	USD	FRPL	32.75	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	FCW	1% Fuel Oil FOB NWE Cargoes vs 3.5% FOB Rotterdam Barges BALMO Swap Day 23	Fut	Electronic	21.75	USD	FRPL	11	USD	FRPL	32.75	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	FCX	1% Fuel Oil FOB NWE Cargoes vs 3.5% FOB Rotterdam Barges BALMO Swap Day 24	Fut	Electronic	21.75	USD	FRPL	11	USD	FRPL	32.75	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	FCY	1% Fuel Oil FOB NWE Cargoes vs 3.5% FOB Rotterdam Barges BALMO Swap Day 25	Fut	Electronic	21.75	USD	FRPL	11	USD	FRPL	32.75	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	FCZ	1% Fuel Oil FOB NWE Cargoes vs 3.5% FOB Rotterdam Barges BALMO Swap Day 26	Fut	Electronic	21.75	USD	FRPL	11	USD	FRPL	32.75	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	FDA	1% Fuel Oil FOB NWE Cargoes vs 3.5% FOB Rotterdam Barges BALMO Swap Day 27	Fut	Electronic	21.75	USD	FRPL	11	USD	FRPL	32.75	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	FDB	1% Fuel Oil FOB NWE Cargoes vs 3.5% FOB Rotterdam Barges BALMO Swap Day 28	Fut	Electronic	21.75	USD	FRPL	11	USD	FRPL	32.75	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	FDC	1% Fuel Oil FOB NWE Cargoes vs 3.5% FOB Rotterdam Barges BALMO Swap Day 29	Fut	Electronic	21.75	USD	FRPL	11	USD	FRPL	32.75	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	FDD	1% Fuel Oil FOB NWE Cargoes vs 3.5% FOB Rotterdam Barges BALMO Swap Day 30	Fut	Electronic	21.75	USD	FRPL	11	USD	FRPL	32.75	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	FDE	1% Fuel Oil FOB NWE Cargoes vs 3.5% FOB Rotterdam Barges BALMO Swap Day 31	Fut	Electronic	21.75	USD	FRPL	11	USD	FRPL	32.75	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	FEA	Japan C+F Naphtha Cargoes BALMO Swap Day 1	Fut	Electronic	34.5	USD	FRPL	11	USD	FRPL	45.5	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	FEB	Japan C+F Naphtha Cargoes BALMO Swap Day 2	Fut	Electronic	34.5	USD	FRPL	11	USD	FRPL	45.5	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	FEC	Japan C+F Naphtha Cargoes BALMO Swap Day 3	Fut	Electronic	34.5	USD	FRPL	11	USD	FRPL	45.5	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	FED	Japan C+F Naphtha Cargoes BALMO Swap Day 4	Fut	Electronic	34.5	USD	FRPL	11	USD	FRPL	45.5	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	FEE	Japan C+F Naphtha Cargoes BALMO Swap Day 5	Fut	Electronic	34.5	USD	FRPL	11	USD	FRPL	45.5	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	FEF	Japan C+F Naphtha Cargoes BALMO Swap Day 6	Fut	Electronic	34.5	USD	FRPL	11	USD	FRPL	45.5	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	FEG	Japan C+F Naphtha Cargoes BALMO Swap Day 7	Fut	Electronic	34.5	USD	FRPL	11	USD	FRPL	45.5	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	FEH	Japan C+F Naphtha Cargoes BALMO Swap Day 8	Fut	Electronic	34.5	USD	FRPL	11	USD	FRPL	45.5	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	FEI	Japan C+F Naphtha Cargoes BALMO Swap Day 9	Fut	Electronic	34.5	USD	FRPL	11	USD	FRPL	45.5	0.2	USD	FRPL

Exch Code	Exch Desc	Comm Group	Prod Code	Product Desc	F/O	Platform	Trd Fee	Trd Fee Cur	Trd Fee Meth	Clr Fee	Clr Fee Cur	Clr Fee Meth	Fee Total	Brk Fee	Brk Fee Cur	Brk Fee Meth
ICE	Intercontinental Exchange	Energy	FEJ	Japan C+F Naphtha Cargoes BALMO Swap Day 10	Fut	Electronic	34.5	USD	FRPL	11	USD	FRPL	45.5	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	FEK	Japan C+F Naphtha Cargoes BALMO Swap Day 11	Fut	Electronic	34.5	USD	FRPL	11	USD	FRPL	45.5	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	FEL	Japan C+F Naphtha Cargoes BALMO Swap Day 12	Fut	Electronic	34.5	USD	FRPL	11	USD	FRPL	45.5	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	FEM	Japan C+F Naphtha Cargoes BALMO Swap Day 13	Fut	Electronic	34.5	USD	FRPL	11	USD	FRPL	45.5	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	FEN	Japan C+F Naphtha Cargoes BALMO Swap Day 14	Fut	Electronic	34.5	USD	FRPL	11	USD	FRPL	45.5	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	FEO	Japan C+F Naphtha Cargoes BALMO Swap Day 15	Fut	Electronic	34.5	USD	FRPL	11	USD	FRPL	45.5	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	FEP	Japan C+F Naphtha Cargoes BALMO Swap Day 16	Fut	Electronic	34.5	USD	FRPL	11	USD	FRPL	45.5	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	FEQ	Japan C+F Naphtha Cargoes BALMO Swap Day 17	Fut	Electronic	34.5	USD	FRPL	11	USD	FRPL	45.5	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	FER	Japan C+F Naphtha Cargoes BALMO Swap Day 18	Fut	Electronic	34.5	USD	FRPL	11	USD	FRPL	45.5	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	FES	Japan C+F Naphtha Cargoes BALMO Swap Day 19	Fut	Electronic	34.5	USD	FRPL	11	USD	FRPL	45.5	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	FET	Japan C+F Naphtha Cargoes BALMO Swap Day 20	Fut	Electronic	34.5	USD	FRPL	11	USD	FRPL	45.5	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	FEU	Japan C+F Naphtha Cargoes BALMO Swap Day 21	Fut	Electronic	34.5	USD	FRPL	11	USD	FRPL	45.5	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	FEV	Japan C+F Naphtha Cargoes BALMO Swap Day 22	Fut	Electronic	34.5	USD	FRPL	11	USD	FRPL	45.5	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	FEW	Japan C+F Naphtha Cargoes BALMO Swap Day 23	Fut	Electronic	34.5	USD	FRPL	11	USD	FRPL	45.5	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	FEX	Japan C+F Naphtha Cargoes BALMO Swap Day 24	Fut	Electronic	34.5	USD	FRPL	11	USD	FRPL	45.5	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	FEY	Japan C+F Naphtha Cargoes BALMO Swap Day 25	Fut	Electronic	34.5	USD	FRPL	11	USD	FRPL	45.5	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	FEZ	Japan C+F Naphtha Cargoes BALMO Swap Day 26	Fut	Electronic	34.5	USD	FRPL	11	USD	FRPL	45.5	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	FFA	Japan C+F Naphtha Cargoes BALMO Swap Day 27	Fut	Electronic	34.5	USD	FRPL	11	USD	FRPL	45.5	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	FFB	Japan C+F Naphtha Cargoes BALMO Swap Day 28	Fut	Electronic	34.5	USD	FRPL	11	USD	FRPL	45.5	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	FFC	Japan C+F Naphtha Cargoes BALMO Swap Day 29	Fut	Electronic	34.5	USD	FRPL	11	USD	FRPL	45.5	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	FFD	Japan C+F Naphtha Cargoes BALMO Swap Day 30	Fut	Electronic	34.5	USD	FRPL	11	USD	FRPL	45.5	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	FFE	Japan C+F Naphtha Cargoes BALMO Swap Day 31	Fut	Electronic	34.5	USD	FRPL	11	USD	FRPL	45.5	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	FGA	Singapore Jet Kero Cargoes vs 0.5% Singapore Gasoil BALMO Swap Day 1	Fut	Electronic	3.75	USD	FRPL	1.34	USD	FRPL	5.09	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	FGB	Singapore Jet Kero Cargoes vs 0.5% Singapore Gasoil BALMO Swap Day 2	Fut	Electronic	3.75	USD	FRPL	1.34	USD	FRPL	5.09	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	FGC	Singapore Jet Kero Cargoes vs 0.5% Singapore Gasoil BALMO Swap Day 3	Fut	Electronic	3.75	USD	FRPL	1.34	USD	FRPL	5.09	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	FGD	Singapore Jet Kero Cargoes vs 0.5% Singapore Gasoil BALMO Swap Day 4	Fut	Electronic	3.75	USD	FRPL	1.34	USD	FRPL	5.09	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	FGE	Singapore Jet Kero Cargoes vs 0.5% Singapore Gasoil BALMO Swap Day 5	Fut	Electronic	3.75	USD	FRPL	1.34	USD	FRPL	5.09	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	FGF	Singapore Jet Kero Cargoes vs 0.5% Singapore Gasoil BALMO Swap Day 6	Fut	Electronic	3.75	USD	FRPL	1.34	USD	FRPL	5.09	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	FGG	Singapore Jet Kero Cargoes vs 0.5% Singapore Gasoil BALMO Swap Day 7	Fut	Electronic	3.75	USD	FRPL	1.34	USD	FRPL	5.09	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	FGH	Singapore Jet Kero Cargoes vs 0.5% Singapore Gasoil BALMO Swap Day 8	Fut	Electronic	3.75	USD	FRPL	1.34	USD	FRPL	5.09	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	FGI	Singapore Jet Kero Cargoes vs 0.5% Singapore Gasoil BALMO Swap Day 9	Fut	Electronic	3.75	USD	FRPL	1.34	USD	FRPL	5.09	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	FGJ	Singapore Jet Kero Cargoes vs 0.5% Singapore Gasoil BALMO Swap Day 10	Fut	Electronic	3.75	USD	FRPL	1.34	USD	FRPL	5.09	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	FGK	Singapore Jet Kero Cargoes vs 0.5% Singapore Gasoil BALMO Swap Day 11	Fut	Electronic	3.75	USD	FRPL	1.34	USD	FRPL	5.09	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	FGL	Singapore Jet Kero Cargoes vs 0.5% Singapore Gasoil BALMO Swap Day 12	Fut	Electronic	3.75	USD	FRPL	1.34	USD	FRPL	5.09	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	FGM	Singapore Jet Kero Cargoes vs 0.5% Singapore Gasoil BALMO Swap Day 13	Fut	Electronic	3.75	USD	FRPL	1.34	USD	FRPL	5.09	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	FGN	Singapore Jet Kero Cargoes vs 0.5% Singapore Gasoil BALMO Swap Day 14	Fut	Electronic	3.75	USD	FRPL	1.34	USD	FRPL	5.09	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	FGO	Singapore Jet Kero Cargoes vs 0.5% Singapore Gasoil BALMO Swap Day 15	Fut	Electronic	3.75	USD	FRPL	1.34	USD	FRPL	5.09	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	FGP	Singapore Jet Kero Cargoes vs 0.5% Singapore Gasoil BALMO Swap Day 16	Fut	Electronic	3.75	USD	FRPL	1.34	USD	FRPL	5.09	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	FGQ	Singapore Jet Kero Cargoes vs 0.5% Singapore Gasoil BALMO Swap Day 17	Fut	Electronic	3.75	USD	FRPL	1.34	USD	FRPL	5.09	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	FGR	Singapore Jet Kero Cargoes vs 0.5% Singapore Gasoil BALMO Swap Day 18	Fut	Electronic	3.75	USD	FRPL	1.34	USD	FRPL	5.09	0.2	USD	FRPL

Exch Code	Exch Desc	Comm Group	Prod Code	Product Desc	F/O	Platform	Trd Fee	Trd Fee Cur	Trd Fee Meth	Clr Fee	Clr Fee Cur	Clr Fee Meth	Fee Total	Brk Fee	Brk Fee Cur	Brk Fee Meth
ICE	Intercontinental Exchange	Energy	FGS	Singapore Jet Kero Cargoes vs 0.5% Singapore Gasoil BALMO Swap Day 19	Fut	Electronic	3.75	USD	FRPL	1.34	USD	FRPL	5.09	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	FGT	Singapore Jet Kero Cargoes vs 0.5% Singapore Gasoil BALMO Swap Day 20	Fut	Electronic	3.75	USD	FRPL	1.34	USD	FRPL	5.09	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	FGU	Singapore Jet Kero Cargoes vs 0.5% Singapore Gasoil BALMO Swap Day 21	Fut	Electronic	3.75	USD	FRPL	1.34	USD	FRPL	5.09	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	FGV	Singapore Jet Kero Cargoes vs 0.5% Singapore Gasoil BALMO Swap Day 22	Fut	Electronic	3.75	USD	FRPL	1.34	USD	FRPL	5.09	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	FGW	Singapore Jet Kero Cargoes vs 0.5% Singapore Gasoil BALMO Swap Day 23	Fut	Electronic	3.75	USD	FRPL	1.34	USD	FRPL	5.09	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	FGX	Singapore Jet Kero Cargoes vs 0.5% Singapore Gasoil BALMO Swap Day 24	Fut	Electronic	3.75	USD	FRPL	1.34	USD	FRPL	5.09	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	FGY	Singapore Jet Kero Cargoes vs 0.5% Singapore Gasoil BALMO Swap Day 25	Fut	Electronic	3.75	USD	FRPL	1.34	USD	FRPL	5.09	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	FGZ	Singapore Jet Kero Cargoes vs 0.5% Singapore Gasoil BALMO Swap Day 26	Fut	Electronic	3.75	USD	FRPL	1.34	USD	FRPL	5.09	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	FHA	Singapore Jet Kero Cargoes vs 0.5% Singapore Gasoil BALMO Swap Day 27	Fut	Electronic	3.75	USD	FRPL	1.34	USD	FRPL	5.09	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	FHB	Singapore Jet Kero Cargoes vs 0.5% Singapore Gasoil BALMO Swap Day 28	Fut	Electronic	3.75	USD	FRPL	1.34	USD	FRPL	5.09	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	FHC	Singapore Jet Kero Cargoes vs 0.5% Singapore Gasoil BALMO Swap Day 29	Fut	Electronic	3.75	USD	FRPL	1.34	USD	FRPL	5.09	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	FHD	Singapore Jet Kero Cargoes vs 0.5% Singapore Gasoil BALMO Swap Day 30	Fut	Electronic	3.75	USD	FRPL	1.34	USD	FRPL	5.09	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	FHE	Singapore Jet Kero Cargoes vs 0.5% Singapore Gasoil BALMO Swap Day 31	Fut	Electronic	3.75	USD	FRPL	1.34	USD	FRPL	5.09	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	FJA	Naphtha CIF NWE Cargoes vs Brent 1st Line Swap BALMO Swap Day 1	Fut	Electronic	34.5	USD	FRPL	11	USD	FRPL	45.5	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	FJB	Naphtha CIF NWE Cargoes vs Brent 1st Line Swap BALMO Swap Day 2	Fut	Electronic	34.5	USD	FRPL	11	USD	FRPL	45.5	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	FJC	Naphtha CIF NWE Cargoes vs Brent 1st Line Swap BALMO Swap Day 3	Fut	Electronic	34.5	USD	FRPL	11	USD	FRPL	45.5	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	FJD	Naphtha CIF NWE Cargoes vs Brent 1st Line Swap BALMO Swap Day 4	Fut	Electronic	34.5	USD	FRPL	11	USD	FRPL	45.5	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	FJE	Naphtha CIF NWE Cargoes vs Brent 1st Line Swap BALMO Swap Day 5	Fut	Electronic	34.5	USD	FRPL	11	USD	FRPL	45.5	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	FJF	Naphtha CIF NWE Cargoes vs Brent 1st Line Swap BALMO Swap Day 6	Fut	Electronic	34.5	USD	FRPL	11	USD	FRPL	45.5	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	FJG	Naphtha CIF NWE Cargoes vs Brent 1st Line Swap BALMO Swap Day 7	Fut	Electronic	34.5	USD	FRPL	11	USD	FRPL	45.5	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	FJH	Naphtha CIF NWE Cargoes vs Brent 1st Line Swap BALMO Swap Day 8	Fut	Electronic	34.5	USD	FRPL	11	USD	FRPL	45.5	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	FJI	Naphtha CIF NWE Cargoes vs Brent 1st Line Swap BALMO Swap Day 9	Fut	Electronic	34.5	USD	FRPL	11	USD	FRPL	45.5	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	FJJ	Naphtha CIF NWE Cargoes vs Brent 1st Line Swap BALMO Swap Day 10	Fut	Electronic	34.5	USD	FRPL	11	USD	FRPL	45.5	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	FJK	Naphtha CIF NWE Cargoes vs Brent 1st Line Swap BALMO Swap Day 11	Fut	Electronic	34.5	USD	FRPL	11	USD	FRPL	45.5	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	FJL	Naphtha CIF NWE Cargoes vs Brent 1st Line Swap BALMO Swap Day 12	Fut	Electronic	34.5	USD	FRPL	11	USD	FRPL	45.5	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	FJM	Naphtha CIF NWE Cargoes vs Brent 1st Line Swap BALMO Swap Day 13	Fut	Electronic	34.5	USD	FRPL	11	USD	FRPL	45.5	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	FJN	Naphtha CIF NWE Cargoes vs Brent 1st Line Swap BALMO Swap Day 14	Fut	Electronic	34.5	USD	FRPL	11	USD	FRPL	45.5	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	FJO	Naphtha CIF NWE Cargoes vs Brent 1st Line Swap BALMO Swap Day 15	Fut	Electronic	34.5	USD	FRPL	11	USD	FRPL	45.5	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	FJP	Naphtha CIF NWE Cargoes vs Brent 1st Line Swap BALMO Swap Day 16	Fut	Electronic	34.5	USD	FRPL	11	USD	FRPL	45.5	0.2	USD	FRPL

Exch Code	Exch Desc	Comm Group	Prod Code	Product Desc	F/O	Platform	Trd Fee	Trd Fee Cur	Trd Fee Meth	Clr Fee	Clr Fee Cur	Clr Fee Meth	Fee Total	Brk Fee	Brk Fee Cur	Brk Fee Meth
ICE	Intercontinental Exchange	Energy	FJQ	Naphtha CIF NWE Cargoes vs Brent 1st Line Swap BALMO Swap Day 17	Fut	Electronic	34.5	USD	FRPL	11	USD	FRPL	45.5	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	FJR	Naphtha CIF NWE Cargoes vs Brent 1st Line Swap BALMO Swap Day 18	Fut	Electronic	34.5	USD	FRPL	11	USD	FRPL	45.5	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	FJS	Naphtha CIF NWE Cargoes vs Brent 1st Line Swap BALMO Swap Day 19	Fut	Electronic	34.5	USD	FRPL	11	USD	FRPL	45.5	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	FJT	Naphtha CIF NWE Cargoes vs Brent 1st Line Swap BALMO Swap Day 20	Fut	Electronic	34.5	USD	FRPL	11	USD	FRPL	45.5	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	FJU	Naphtha CIF NWE Cargoes vs Brent 1st Line Swap BALMO Swap Day 21	Fut	Electronic	34.5	USD	FRPL	11	USD	FRPL	45.5	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	FJV	Naphtha CIF NWE Cargoes vs Brent 1st Line Swap BALMO Swap Day 22	Fut	Electronic	34.5	USD	FRPL	11	USD	FRPL	45.5	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	FJW	Naphtha CIF NWE Cargoes vs Brent 1st Line Swap BALMO Swap Day 23	Fut	Electronic	34.5	USD	FRPL	11	USD	FRPL	45.5	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	FJX	Naphtha CIF NWE Cargoes vs Brent 1st Line Swap BALMO Swap Day 24	Fut	Electronic	34.5	USD	FRPL	11	USD	FRPL	45.5	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	FJY	Naphtha CIF NWE Cargoes vs Brent 1st Line Swap BALMO Swap Day 25	Fut	Electronic	34.5	USD	FRPL	11	USD	FRPL	45.5	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	FJZ	Naphtha CIF NWE Cargoes vs Brent 1st Line Swap BALMO Swap Day 26	Fut	Electronic	34.5	USD	FRPL	11	USD	FRPL	45.5	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	FKA	Naphtha CIF NWE Cargoes vs Brent 1st Line Swap BALMO Swap Day 27	Fut	Electronic	34.5	USD	FRPL	11	USD	FRPL	45.5	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	FKB	Naphtha CIF NWE Cargoes vs Brent 1st Line Swap BALMO Swap Day 28	Fut	Electronic	34.5	USD	FRPL	11	USD	FRPL	45.5	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	FKC	Naphtha CIF NWE Cargoes vs Brent 1st Line Swap BALMO Swap Day 29	Fut	Electronic	34.5	USD	FRPL	11	USD	FRPL	45.5	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	FKD	Naphtha CIF NWE Cargoes vs Brent 1st Line Swap BALMO Swap Day 30	Fut	Electronic	34.5	USD	FRPL	11	USD	FRPL	45.5	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	FKE	Naphtha CIF NWE Cargoes vs Brent 1st Line Swap BALMO Swap Day 31	Fut	Electronic	34.5	USD	FRPL	11	USD	FRPL	45.5	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	FLA	Gasoil 50ppm FOB Rotterdam Barges BALMO Swap Day 1	Fut	Electronic	27.25	USD	FRPL	11	USD	FRPL	38.25	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	FLB	Gasoil 50ppm FOB Rotterdam Barges BALMO Swap Day 2	Fut	Electronic	27.25	USD	FRPL	11	USD	FRPL	38.25	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	FLC	Gasoil 50ppm FOB Rotterdam Barges BALMO Swap Day 3	Fut	Electronic	27.25	USD	FRPL	11	USD	FRPL	38.25	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	FLD	Gasoil 50ppm FOB Rotterdam Barges BALMO Swap Day 4	Fut	Electronic	27.25	USD	FRPL	11	USD	FRPL	38.25	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	FLE	Gasoil 50ppm FOB Rotterdam Barges BALMO Swap Day 5	Fut	Electronic	27.25	USD	FRPL	11	USD	FRPL	38.25	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	FLF	Gasoil 50ppm FOB Rotterdam Barges BALMO Swap Day 6	Fut	Electronic	27.25	USD	FRPL	11	USD	FRPL	38.25	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	FLG	Gasoil 50ppm FOB Rotterdam Barges BALMO Swap Day 7	Fut	Electronic	27.25	USD	FRPL	11	USD	FRPL	38.25	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	FLH	Gasoil 50ppm FOB Rotterdam Barges BALMO Swap Day 8	Fut	Electronic	27.25	USD	FRPL	11	USD	FRPL	38.25	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	FLI	Gasoil 50ppm FOB Rotterdam Barges BALMO Swap Day 9	Fut	Electronic	27.25	USD	FRPL	11	USD	FRPL	38.25	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	FLJ	Gasoil 50ppm FOB Rotterdam Barges BALMO Swap Day 10	Fut	Electronic	27.25	USD	FRPL	11	USD	FRPL	38.25	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	FLK	Gasoil 50ppm FOB Rotterdam Barges BALMO Swap Day 11	Fut	Electronic	27.25	USD	FRPL	11	USD	FRPL	38.25	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	FLL	Gasoil 50ppm FOB Rotterdam Barges BALMO Swap Day 12	Fut	Electronic	27.25	USD	FRPL	11	USD	FRPL	38.25	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	FLM	Gasoil 50ppm FOB Rotterdam Barges BALMO Swap Day 13	Fut	Electronic	27.25	USD	FRPL	11	USD	FRPL	38.25	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	FLN	Gasoil 50ppm FOB Rotterdam Barges BALMO Swap Day 14	Fut	Electronic	27.25	USD	FRPL	11	USD	FRPL	38.25	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	FLO	Gasoil 50ppm FOB Rotterdam Barges BALMO Swap Day 15	Fut	Electronic	27.25	USD	FRPL	11	USD	FRPL	38.25	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	FLP	Gasoil 50ppm FOB Rotterdam Barges BALMO Swap Day 16	Fut	Electronic	27.25	USD	FRPL	11	USD	FRPL	38.25	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	FLQ	Gasoil 50ppm FOB Rotterdam Barges BALMO Swap Day 17	Fut	Electronic	27.25	USD	FRPL	11	USD	FRPL	38.25	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	FLR	Gasoil 50ppm FOB Rotterdam Barges BALMO Swap Day 18	Fut	Electronic	27.25	USD	FRPL	11	USD	FRPL	38.25	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	FLS	Gasoil 50ppm FOB Rotterdam Barges BALMO Swap Day 19	Fut	Electronic	27.25	USD	FRPL	11	USD	FRPL	38.25	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	FLT	Gasoil 50ppm FOB Rotterdam Barges BALMO Swap Day 20	Fut	Electronic	27.25	USD	FRPL	11	USD	FRPL	38.25	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	FLU	Gasoil 50ppm FOB Rotterdam Barges BALMO Swap Day 21	Fut	Electronic	27.25	USD	FRPL	11	USD	FRPL	38.25	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	FLV	Gasoil 50ppm FOB Rotterdam Barges BALMO Swap Day 22	Fut	Electronic	27.25	USD	FRPL	11	USD	FRPL	38.25	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	FLW	Gasoil 50ppm FOB Rotterdam Barges BALMO Swap Day 23	Fut	Electronic	27.25	USD	FRPL	11	USD	FRPL	38.25	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	FLX	Gasoil 50ppm FOB Rotterdam Barges BALMO Swap Day 24	Fut	Electronic	27.25	USD	FRPL	11	USD	FRPL	38.25	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	FLY	Gasoil 50ppm FOB Rotterdam Barges BALMO Swap Day 25	Fut	Electronic	27.25	USD	FRPL	11	USD	FRPL	38.25	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	FLZ	Gasoil 50ppm FOB Rotterdam Barges BALMO Swap Day 26	Fut	Electronic	27.25	USD	FRPL	11	USD	FRPL	38.25	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	FMA	Gasoil 50ppm FOB Rotterdam Barges BALMO Swap Day 27	Fut	Electronic	27.25	USD	FRPL	11	USD	FRPL	38.25	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	FMB	Gasoil 50ppm FOB Rotterdam Barges BALMO Swap Day 28	Fut	Electronic	27.25	USD	FRPL	11	USD	FRPL	38.25	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	FMC	Gasoil 50ppm FOB Rotterdam Barges BALMO Swap Day 29	Fut	Electronic	27.25	USD	FRPL	11	USD	FRPL	38.25	0.2	USD	FRPL

Exch Code	Exch Desc	Comm Group	Prod Code	Product Desc	F/O	Platform	Trd Fee	Trd Fee Cur	Trd Fee Meth	Clr Fee	Clr Fee Cur	Clr Fee Meth	Fee Total	Brk Fee	Brk Fee Cur	Brk Fee Meth
ICE	Intercontinental Exchange	Energy	FMD	Gasoil 50ppm FOB Rotterdam Barges BALMO Swap Day 30	Fut	Electronic	27.25	USD	FRPL	11	USD	FRPL	38.25	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	FME	Gasoil 50ppm FOB Rotterdam Barges BALMO Swap Day 31	Fut	Electronic	27.25	USD	FRPL	11	USD	FRPL	38.25	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	FOB	Fuel Oil 1% FOB Rotterdam Barges Swap	Fut	Electronic	21.75	USD	FRPL	11	USD	FRPL	32.75	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	FOD	New York 1% Fuel Oil vs Gulf Coast 3% Fuel Oil Swap	Fut	Electronic	3.75	USD	FRPL	1.34	USD	FRPL	5.09	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	FOH	Fuel Oil 1% NYH vs 1% FOB NWE Cargo Swap	Fut	Electronic	3.75	USD	FRPL	1.34	USD	FRPL	5.09	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	FOK	New York 1% Fuel Oil Crack Spread	Fut	Electronic	3.75	USD	FRPL	1.34	USD	FRPL	5.09	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	FOM	Fuel Oil 3.5% FOB Med Cargoes Swap	Fut	Electronic	21.75	USD	FRPL	11	USD	FRPL	32.75	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	FOP	1% FOB Rdam Barges vs 1% FOB MED Cargoes Swap	Fut	Electronic	21.75	USD	FRPL	11	USD	FRPL	32.75	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	FOS	1% FOB NWE Cargoes vs 3.5% FOB Rotterdam Barges Swap	Fut	Electronic	21.75	USD	FRPL	11	USD	FRPL	32.75	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	FOW	New York 1% Fuel Oil Swap	Fut	Electronic	3.75	USD	FRPL	1.34	USD	FRPL	5.09	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	FPA	USGC 3% Fuel Oil Balmo Swap Day 1	Fut	Electronic	3.75	USD	FRPL	1.34	USD	FRPL	5.09	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	FPB	USGC 3% Fuel Oil Balmo Swap Day 2	Fut	Electronic	3.75	USD	FRPL	1.34	USD	FRPL	5.09	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	FPC	USGC 3% Fuel Oil Balmo Swap Day 3	Fut	Electronic	3.75	USD	FRPL	1.34	USD	FRPL	5.09	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	FPD	USGC 3% Fuel Oil Balmo Swap Day 4	Fut	Electronic	3.75	USD	FRPL	1.34	USD	FRPL	5.09	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	FPE	USGC 3% Fuel Oil Balmo Swap Day 5	Fut	Electronic	3.75	USD	FRPL	1.34	USD	FRPL	5.09	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	FPF	USGC 3% Fuel Oil Balmo Swap Day 6	Fut	Electronic	3.75	USD	FRPL	1.34	USD	FRPL	5.09	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	FPG	USGC 3% Fuel Oil Balmo Swap Day 7	Fut	Electronic	3.75	USD	FRPL	1.34	USD	FRPL	5.09	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	FPH	USGC 3% Fuel Oil Balmo Swap Day 8	Fut	Electronic	3.75	USD	FRPL	1.34	USD	FRPL	5.09	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	FPI	USGC 3% Fuel Oil Balmo Swap Day 9	Fut	Electronic	3.75	USD	FRPL	1.34	USD	FRPL	5.09	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	FPJ	USGC 3% Fuel Oil Balmo Swap Day 10	Fut	Electronic	3.75	USD	FRPL	1.34	USD	FRPL	5.09	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	FPK	USGC 3% Fuel Oil Balmo Swap Day 11	Fut	Electronic	3.75	USD	FRPL	1.34	USD	FRPL	5.09	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	FPL	USGC 3% Fuel Oil Balmo Swap Day 12	Fut	Electronic	3.75	USD	FRPL	1.34	USD	FRPL	5.09	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	FPM	USGC 3% Fuel Oil Balmo Swap Day 13	Fut	Electronic	3.75	USD	FRPL	1.34	USD	FRPL	5.09	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	FPN	USGC 3% Fuel Oil Balmo Swap Day 14	Fut	Electronic	3.75	USD	FRPL	1.34	USD	FRPL	5.09	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	FPO	USGC 3% Fuel Oil Balmo Swap Day 15	Fut	Electronic	3.75	USD	FRPL	1.34	USD	FRPL	5.09	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	FPP	USGC 3% Fuel Oil Balmo Swap Day 16	Fut	Electronic	3.75	USD	FRPL	1.34	USD	FRPL	5.09	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	FPQ	USGC 3% Fuel Oil Balmo Swap Day 17	Fut	Electronic	3.75	USD	FRPL	1.34	USD	FRPL	5.09	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	FPR	USGC 3% Fuel Oil Balmo Swap Day 18	Fut	Electronic	3.75	USD	FRPL	1.34	USD	FRPL	5.09	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	FPS	USGC 3% Fuel Oil Balmo Swap Day 19	Fut	Electronic	3.75	USD	FRPL	1.34	USD	FRPL	5.09	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	FPT	USGC 3% Fuel Oil Balmo Swap Day 20	Fut	Electronic	3.75	USD	FRPL	1.34	USD	FRPL	5.09	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	FPU	USGC 3% Fuel Oil Balmo Swap Day 21	Fut	Electronic	3.75	USD	FRPL	1.34	USD	FRPL	5.09	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	FPV	USGC 3% Fuel Oil Balmo Swap Day 22	Fut	Electronic	3.75	USD	FRPL	1.34	USD	FRPL	5.09	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	FPW	USGC 3% Fuel Oil Balmo Swap Day 23	Fut	Electronic	3.75	USD	FRPL	1.34	USD	FRPL	5.09	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	FPX	USGC 3% Fuel Oil Balmo Swap Day 24	Fut	Electronic	3.75	USD	FRPL	1.34	USD	FRPL	5.09	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	FPY	USGC 3% Fuel Oil Balmo Swap Day 25	Fut	Electronic	3.75	USD	FRPL	1.34	USD	FRPL	5.09	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	FPZ	USGC 3% Fuel Oil Balmo Swap Day 26	Fut	Electronic	3.75	USD	FRPL	1.34	USD	FRPL	5.09	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	FQA	USGC 3% Fuel Oil Balmo Swap Day 27	Fut	Electronic	3.75	USD	FRPL	1.34	USD	FRPL	5.09	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	FQB	USGC 3% Fuel Oil Balmo Swap Day 28	Fut	Electronic	3.75	USD	FRPL	1.34	USD	FRPL	5.09	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	FQC	USGC 3% Fuel Oil Balmo Swap Day 29	Fut	Electronic	3.75	USD	FRPL	1.34	USD	FRPL	5.09	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	FQD	USGC 3% Fuel Oil Balmo Swap Day 30	Fut	Electronic	3.75	USD	FRPL	1.34	USD	FRPL	5.09	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	FQE	USGC 3% Fuel Oil Balmo Swap Day 31	Fut	Electronic	3.75	USD	FRPL	1.34	USD	FRPL	5.09	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	FRA	New York 1% Fuel Oil Balmo Swap Day 1	Fut	Electronic	3.75	USD	FRPL	1.34	USD	FRPL	5.09	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	FRB	New York 1% Fuel Oil Balmo Swap Day 2	Fut	Electronic	3.75	USD	FRPL	1.34	USD	FRPL	5.09	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	FRC	New York 1% Fuel Oil Balmo Swap Day 3	Fut	Electronic	3.75	USD	FRPL	1.34	USD	FRPL	5.09	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	FRD	New York 1% Fuel Oil Balmo Swap Day 4	Fut	Electronic	3.75	USD	FRPL	1.34	USD	FRPL	5.09	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	FRE	New York 1% Fuel Oil Balmo Swap Day 5	Fut	Electronic	3.75	USD	FRPL	1.34	USD	FRPL	5.09	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	FRF	New York 1% Fuel Oil Balmo Swap Day 6	Fut	Electronic	3.75	USD	FRPL	1.34	USD	FRPL	5.09	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	FRG	New York 1% Fuel Oil Balmo Swap Day 7	Fut	Electronic	3.75	USD	FRPL	1.34	USD	FRPL	5.09	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	FRH	New York 1% Fuel Oil Balmo Swap Day 8	Fut	Electronic	3.75	USD	FRPL	1.34	USD	FRPL	5.09	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	FRI	New York 1% Fuel Oil Balmo Swap Day 9	Fut	Electronic	3.75	USD	FRPL	1.34	USD	FRPL	5.09	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	FRJ	New York 1% Fuel Oil Balmo Swap Day 10	Fut	Electronic	3.75	USD	FRPL	1.34	USD	FRPL	5.09	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	FRK	New York 1% Fuel Oil Balmo Swap Day 11	Fut	Electronic	3.75	USD	FRPL	1.34	USD	FRPL	5.09	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	FRL	New York 1% Fuel Oil Balmo Swap Day 12	Fut	Electronic	3.75	USD	FRPL	1.34	USD	FRPL	5.09	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	FRM	New York 1% Fuel Oil Balmo Swap Day 13	Fut	Electronic	3.75	USD	FRPL	1.34	USD	FRPL	5.09	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	FRN	New York 1% Fuel Oil Balmo Swap Day 14	Fut	Electronic	3.75	USD	FRPL	1.34	USD	FRPL	5.09	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	FRO	New York 1% Fuel Oil Balmo Swap Day 15	Fut	Electronic	3.75	USD	FRPL	1.34	USD	FRPL	5.09	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	FRP	New York 1% Fuel Oil Balmo Swap Day 16	Fut	Electronic	3.75	USD	FRPL	1.34	USD	FRPL	5.09	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	FRQ	New York 1% Fuel Oil Balmo Swap Day 17	Fut	Electronic	3.75	USD	FRPL	1.34	USD	FRPL	5.09	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	FRR	New York 1% Fuel Oil Balmo Swap Day 18	Fut	Electronic	3.75	USD	FRPL	1.34	USD	FRPL	5.09	0.2	USD	FRPL

Exch Code	Exch Desc	Comm Group	Prod Code	Product Desc	F/O	Platform	Trd Fee	Trd Fee Cur	Trd Fee Meth	Clr Fee	Clr Fee Cur	Clr Fee Meth	Fee Total	Brk Fee	Brk Fee Cur	Brk Fee Meth
ICE	Intercontinental Exchange	Energy	FRS	New York 1% Fuel Oil Balmo Swap Day 19	Fut	Electronic	3.75	USD	FRPL	1.34	USD	FRPL	5.09	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	FRT	New York 1% Fuel Oil Balmo Swap Day 20	Fut	Electronic	3.75	USD	FRPL	1.34	USD	FRPL	5.09	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	FRU	New York 1% Fuel Oil Balmo Swap Day 21	Fut	Electronic	3.75	USD	FRPL	1.34	USD	FRPL	5.09	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	FRV	New York 1% Fuel Oil Balmo Swap Day 22	Fut	Electronic	3.75	USD	FRPL	1.34	USD	FRPL	5.09	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	FRW	New York 1% Fuel Oil Balmo Swap Day 23	Fut	Electronic	3.75	USD	FRPL	1.34	USD	FRPL	5.09	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	FRX	New York 1% Fuel Oil Balmo Swap Day 24	Fut	Electronic	3.75	USD	FRPL	1.34	USD	FRPL	5.09	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	FRY	New York 1% Fuel Oil Balmo Swap Day 25	Fut	Electronic	3.75	USD	FRPL	1.34	USD	FRPL	5.09	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	FRZ	New York 1% Fuel Oil Balmo Swap Day 26	Fut	Electronic	3.75	USD	FRPL	1.34	USD	FRPL	5.09	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	FSA	New York 1% Fuel Oil Balmo Swap Day 27	Fut	Electronic	3.75	USD	FRPL	1.34	USD	FRPL	5.09	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	FSB	New York 1% Fuel Oil Balmo Swap Day 28	Fut	Electronic	3.75	USD	FRPL	1.34	USD	FRPL	5.09	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	FSC	New York 1% Fuel Oil Balmo Swap Day 29	Fut	Electronic	3.75	USD	FRPL	1.34	USD	FRPL	5.09	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	FSD	New York 1% Fuel Oil Balmo Swap Day 30	Fut	Electronic	3.75	USD	FRPL	1.34	USD	FRPL	5.09	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	FSE	New York 1% Fuel Oil Balmo Swap Day 31	Fut	Electronic	3.75	USD	FRPL	1.34	USD	FRPL	5.09	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	FTI	Florida Gas Zone 3 Financial Index	Fut	Electronic	0.14	USD	FRPL	0.52	USD	FRPL	0.66	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	FTS	Florida Gas Zone 3 Financial Swing	Fut	Electronic	0.14	USD	FRPL	0.52	USD	FRPL	0.66	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	FTZ	Florida Gas Zone 3 Financial Basis	Fut	Electronic	0.14	USD	FRPL	0.52	USD	FRPL	0.66	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	FVA	1% FOB NWE Cargoes Fuel vs Brent 1st Line Swap	Fut	Electronic	3.75	USD	FRPL	1.34	USD	FRPL	5.09	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	FVB	Fuel Oil 1% FOB NWE Cargoes vs Brent 1st Line Swap	Fut	Electronic	21.75	USD	FRPL	11	USD	FRPL	32.75	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	FYA	ULSD 10ppm CIF NWE Cargoes Balmo Swap Day 1	Fut	Electronic	27.25	USD	FRPL	11	USD	FRPL	38.25	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	FYB	ULSD 10ppm CIF NWE Cargoes Balmo Swap Day 2	Fut	Electronic	27.25	USD	FRPL	11	USD	FRPL	38.25	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	FYC	ULSD 10ppm CIF NWE Cargoes Balmo Swap Day 3	Fut	Electronic	27.25	USD	FRPL	11	USD	FRPL	38.25	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	FYD	ULSD 10ppm CIF NWE Cargoes Balmo Swap Day 4	Fut	Electronic	27.25	USD	FRPL	11	USD	FRPL	38.25	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	FYE	ULSD 10ppm CIF NWE Cargoes Balmo Swap Day 5	Fut	Electronic	27.25	USD	FRPL	11	USD	FRPL	38.25	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	FYF	ULSD 10ppm CIF NWE Cargoes Balmo Swap Day 6	Fut	Electronic	27.25	USD	FRPL	11	USD	FRPL	38.25	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	FYG	ULSD 10ppm CIF NWE Cargoes Balmo Swap Day 7	Fut	Electronic	27.25	USD	FRPL	11	USD	FRPL	38.25	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	FYH	ULSD 10ppm CIF NWE Cargoes Balmo Swap Day 8	Fut	Electronic	27.25	USD	FRPL	11	USD	FRPL	38.25	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	FYI	ULSD 10ppm CIF NWE Cargoes Balmo Swap Day 9	Fut	Electronic	27.25	USD	FRPL	11	USD	FRPL	38.25	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	FYJ	ULSD 10ppm CIF NWE Cargoes Balmo Swap Day 10	Fut	Electronic	27.25	USD	FRPL	11	USD	FRPL	38.25	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	FYK	ULSD 10ppm CIF NWE Cargoes Balmo Swap Day 11	Fut	Electronic	27.25	USD	FRPL	11	USD	FRPL	38.25	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	FYL	ULSD 10ppm CIF NWE Cargoes Balmo Swap Day 12	Fut	Electronic	27.25	USD	FRPL	11	USD	FRPL	38.25	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	FYM	ULSD 10ppm CIF NWE Cargoes Balmo Swap Day 13	Fut	Electronic	27.25	USD	FRPL	11	USD	FRPL	38.25	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	FYN	ULSD 10ppm CIF NWE Cargoes Balmo Swap Day 14	Fut	Electronic	27.25	USD	FRPL	11	USD	FRPL	38.25	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	FYO	ULSD 10ppm CIF NWE Cargoes Balmo Swap Day 15	Fut	Electronic	27.25	USD	FRPL	11	USD	FRPL	38.25	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	FYP	ULSD 10ppm CIF NWE Cargoes Balmo Swap Day 16	Fut	Electronic	27.25	USD	FRPL	11	USD	FRPL	38.25	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	FYQ	ULSD 10ppm CIF NWE Cargoes Balmo Swap Day 17	Fut	Electronic	27.25	USD	FRPL	11	USD	FRPL	38.25	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	FYR	ULSD 10ppm CIF NWE Cargoes Balmo Swap Day 18	Fut	Electronic	27.25	USD	FRPL	11	USD	FRPL	38.25	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	FYS	ULSD 10ppm CIF NWE Cargoes Balmo Swap Day 19	Fut	Electronic	27.25	USD	FRPL	11	USD	FRPL	38.25	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	FYT	ULSD 10ppm CIF NWE Cargoes Balmo Swap Day 20	Fut	Electronic	27.25	USD	FRPL	11	USD	FRPL	38.25	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	FYU	ULSD 10ppm CIF NWE Cargoes Balmo Swap Day 21	Fut	Electronic	27.25	USD	FRPL	11	USD	FRPL	38.25	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	FYV	ULSD 10ppm CIF NWE Cargoes Balmo Swap Day 22	Fut	Electronic	27.25	USD	FRPL	11	USD	FRPL	38.25	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	FYW	ULSD 10ppm CIF NWE Cargoes Balmo Swap Day 23	Fut	Electronic	27.25	USD	FRPL	11	USD	FRPL	38.25	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	FYX	ULSD 10ppm CIF NWE Cargoes Balmo Swap Day 24	Fut	Electronic	27.25	USD	FRPL	11	USD	FRPL	38.25	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	FYY	ULSD 10ppm CIF NWE Cargoes Balmo Swap Day 25	Fut	Electronic	27.25	USD	FRPL	11	USD	FRPL	38.25	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	FYZ	ULSD 10ppm CIF NWE Cargoes Balmo Swap Day 26	Fut	Electronic	27.25	USD	FRPL	11	USD	FRPL	38.25	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	FZA	ULSD 10ppm CIF NWE Cargoes Balmo Swap Day 27	Fut	Electronic	27.25	USD	FRPL	11	USD	FRPL	38.25	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	FZB	ULSD 10ppm CIF NWE Cargoes Balmo Swap Day 28	Fut	Electronic	27.25	USD	FRPL	11	USD	FRPL	38.25	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	FZC	ULSD 10ppm CIF NWE Cargoes Balmo Swap Day 29	Fut	Electronic	27.25	USD	FRPL	11	USD	FRPL	38.25	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	FZD	ULSD 10ppm CIF NWE Cargoes Balmo Swap Day 30	Fut	Electronic	27.25	USD	FRPL	11	USD	FRPL	38.25	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	FZE	ULSD 10ppm CIF NWE Cargoes Balmo Swap Day 31	Fut	Electronic	27.25	USD	FRPL	11	USD	FRPL	38.25	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	GBA	Gasoil 0.1% CIF MED Cargoes vs Gasoil 1st Line BALMO Swap Day 1	Fut	Electronic	27.25	USD	FRPL	11	USD	FRPL	38.25	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	GBB	Gasoil 0.1% CIF MED Cargoes vs Gasoil 1st Line BALMO Swap Day 2	Fut	Electronic	27.25	USD	FRPL	11	USD	FRPL	38.25	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	GBC	Gasoil 0.1% CIF MED Cargoes vs Gasoil 1st Line BALMO Swap Day 3	Fut	Electronic	27.25	USD	FRPL	11	USD	FRPL	38.25	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	GBD	Gasoil 0.1% CIF MED Cargoes vs Gasoil 1st Line BALMO Swap Day 4	Fut	Electronic	27.25	USD	FRPL	11	USD	FRPL	38.25	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	GBE	Gasoil 0.1% CIF MED Cargoes vs Gasoil 1st Line BALMO Swap Day 5	Fut	Electronic	27.25	USD	FRPL	11	USD	FRPL	38.25	0.2	USD	FRPL

Exch Code	Exch Desc	Comm Group	Prod Code	Product Desc	F/O	Platform	Trd Fee	Trd Fee Cur	Trd Fee Meth	Clr Fee	Clr Fee Cur	Clr Fee Meth	Fee Total	Brk Fee	Brk Fee Cur	Brk Fee Meth
ICE	Intercontinental Exchange	Energy	GBF	Gasoil 0.1% CIF MED Cargoes vs Gasoil 1st Line BALMO Swap Day 6	Fut	Electronic	27.25	USD	FRPL	11	USD	FRPL	38.25	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	GBG	Gasoil 0.1% CIF MED Cargoes vs Gasoil 1st Line BALMO Swap Day 7	Fut	Electronic	27.25	USD	FRPL	11	USD	FRPL	38.25	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	GBH	Gasoil 0.1% CIF MED Cargoes vs Gasoil 1st Line BALMO Swap Day 8	Fut	Electronic	27.25	USD	FRPL	11	USD	FRPL	38.25	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	GBI	Gasoil 0.1% CIF MED Cargoes vs Gasoil 1st Line BALMO Swap Day 9	Fut	Electronic	27.25	USD	FRPL	11	USD	FRPL	38.25	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	GBJ	Gasoil 0.1% CIF MED Cargoes vs Gasoil 1st Line BALMO Swap Day 10	Fut	Electronic	27.25	USD	FRPL	11	USD	FRPL	38.25	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	GBK	Gasoil 0.1% CIF MED Cargoes vs Gasoil 1st Line BALMO Swap Day 11	Fut	Electronic	27.25	USD	FRPL	11	USD	FRPL	38.25	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	GBL	Gasoil 0.1% CIF MED Cargoes vs Gasoil 1st Line BALMO Swap Day 12	Fut	Electronic	27.25	USD	FRPL	11	USD	FRPL	38.25	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	GBM	Gasoil 0.1% CIF MED Cargoes vs Gasoil 1st Line BALMO Swap Day 13	Fut	Electronic	27.25	USD	FRPL	11	USD	FRPL	38.25	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	GBN	Gasoil 0.1% CIF MED Cargoes vs Gasoil 1st Line BALMO Swap Day 14	Fut	Electronic	27.25	USD	FRPL	11	USD	FRPL	38.25	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	GBO	Gasoil 0.1% CIF MED Cargoes vs Gasoil 1st Line BALMO Swap Day 15	Fut	Electronic	27.25	USD	FRPL	11	USD	FRPL	38.25	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	GBP	Gasoil 0.1% CIF MED Cargoes vs Gasoil 1st Line BALMO Swap Day 16	Fut	Electronic	27.25	USD	FRPL	11	USD	FRPL	38.25	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	GBQ	Gasoil 0.1% CIF MED Cargoes vs Gasoil 1st Line BALMO Swap Day 17	Fut	Electronic	27.25	USD	FRPL	11	USD	FRPL	38.25	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	GBR	Gasoil 0.1% CIF MED Cargoes vs Gasoil 1st Line BALMO Swap Day 18	Fut	Electronic	27.25	USD	FRPL	11	USD	FRPL	38.25	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	GBS	Gasoil 0.1% CIF MED Cargoes vs Gasoil 1st Line BALMO Swap Day 19	Fut	Electronic	27.25	USD	FRPL	11	USD	FRPL	38.25	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	GBT	Gasoil 0.1% CIF MED Cargoes vs Gasoil 1st Line BALMO Swap Day 20	Fut	Electronic	27.25	USD	FRPL	11	USD	FRPL	38.25	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	GBU	Gasoil 0.1% CIF MED Cargoes vs Gasoil 1st Line BALMO Swap Day 21	Fut	Electronic	27.25	USD	FRPL	11	USD	FRPL	38.25	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	GBV	Gasoil 0.1% CIF MED Cargoes vs Gasoil 1st Line BALMO Swap Day 22	Fut	Electronic	27.25	USD	FRPL	11	USD	FRPL	38.25	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	GBW	Gasoil 0.1% CIF MED Cargoes vs Gasoil 1st Line BALMO Swap Day 23	Fut	Electronic	27.25	USD	FRPL	11	USD	FRPL	38.25	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	GBX	Gasoil 0.1% CIF MED Cargoes vs Gasoil 1st Line BALMO Swap Day 24	Fut	Electronic	27.25	USD	FRPL	11	USD	FRPL	38.25	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	GBY	Gasoil 0.1% CIF MED Cargoes vs Gasoil 1st Line BALMO Swap Day 25	Fut	Electronic	27.25	USD	FRPL	11	USD	FRPL	38.25	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	GBZ	Gasoil 0.1% CIF MED Cargoes vs Gasoil 1st Line BALMO Swap Day 26	Fut	Electronic	27.25	USD	FRPL	11	USD	FRPL	38.25	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	GCA	Gasoil 0.1% CIF MED Cargoes vs Gasoil 1st Line BALMO Swap Day 27	Fut	Electronic	27.25	USD	FRPL	11	USD	FRPL	38.25	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	GCB	Gasoil 0.1% CIF MED Cargoes vs Gasoil 1st Line BALMO Swap Day 28	Fut	Electronic	27.25	USD	FRPL	11	USD	FRPL	38.25	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	GCC	Gasoil 0.1% CIF MED Cargoes vs Gasoil 1st Line BALMO Swap Day 29	Fut	Electronic	27.25	USD	FRPL	11	USD	FRPL	38.25	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	GCD	Gasoil 0.1% CIF MED Cargoes vs Gasoil 1st Line BALMO Swap Day 30	Fut	Electronic	27.25	USD	FRPL	11	USD	FRPL	38.25	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	GCE	Gasoil 0.1% CIF MED Cargoes vs Gasoil 1st Line BALMO Swap Day 31	Fut	Electronic	27.25	USD	FRPL	11	USD	FRPL	38.25	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	GCM	Gasoil 0.1% CIF MED Cargoes Swap	Fut	Electronic	27.25	USD	FRPL	11	USD	FRPL	38.25	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	GCS	Gulf Coast No. 6 Fuel Oil vs Brent 1st Line Swap	Fut	Electronic	3.75	USD	FRPL	1.34	USD	FRPL	5.09	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	GCW	Gasoil 0.1% CIF NWE Cargoes Swap	Fut	Electronic	27.25	USD	FRPL	11	USD	FRPL	38.25	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	GDC	Gasoil 1st Line vs Brent 1st Line Swap (bbl)	Fut	Electronic	3.75	USD	FRPL	1.34	USD	FRPL	5.09	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	GDP	NYISO Zone G Financial Peak Daily	Fut	Electronic	2	USD	FRPL	4	USD	FRPL	6	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	GEB	0.1% Gasoil CIF NWE Cargoes vs Brent 1st Line Swap	Fut	Electronic	27.25	USD	FRPL	11	USD	FRPL	38.25	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	GFA	Gasoil 0.1% CIF NWE Cargoes BALMO Swap Day 1	Fut	Electronic	27.25	USD	FRPL	11	USD	FRPL	38.25	0.2	USD	FRPL

Exch Code	Exch Desc	Comm Group	Prod Code	Product Desc	F/O	Platform	Trd Fee	Trd Fee Cur	Trd Fee Meth	Clr Fee	Clr Fee Cur	Clr Fee Meth	Fee Total	Brk Fee	Brk Fee Cur	Brk Fee Meth
ICE	Intercontinental Exchange	Energy	GFB	Gasoil 0.1% CIF NWE Cargoes BALMO Swap Day 2	Fut	Electronic	27.25	USD	FRPL	11	USD	FRPL	38.25	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	GFC	Gasoil 0.1% CIF NWE Cargoes BALMO Swap Day 3	Fut	Electronic	27.25	USD	FRPL	11	USD	FRPL	38.25	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	GFD	Gasoil 0.1% CIF NWE Cargoes BALMO Swap Day 4	Fut	Electronic	27.25	USD	FRPL	11	USD	FRPL	38.25	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	GFE	Gasoil 0.1% CIF NWE Cargoes BALMO Swap Day 5	Fut	Electronic	27.25	USD	FRPL	11	USD	FRPL	38.25	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	GFF	Gasoil 0.1% CIF NWE Cargoes BALMO Swap Day 6	Fut	Electronic	27.25	USD	FRPL	11	USD	FRPL	38.25	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	GFG	Gasoil 0.1% CIF NWE Cargoes BALMO Swap Day 7	Fut	Electronic	27.25	USD	FRPL	11	USD	FRPL	38.25	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	GFH	Gasoil 0.1% CIF NWE Cargoes BALMO Swap Day 8	Fut	Electronic	27.25	USD	FRPL	11	USD	FRPL	38.25	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	GFI	Gasoil 0.1% CIF NWE Cargoes BALMO Swap Day 9	Fut	Electronic	27.25	USD	FRPL	11	USD	FRPL	38.25	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	GFJ	Gasoil 0.1% CIF NWE Cargoes BALMO Swap Day 10	Fut	Electronic	27.25	USD	FRPL	11	USD	FRPL	38.25	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	GFK	Gasoil 0.1% CIF NWE Cargoes BALMO Swap Day 11	Fut	Electronic	27.25	USD	FRPL	11	USD	FRPL	38.25	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	GFL	Gasoil 0.1% CIF NWE Cargoes BALMO Swap Day 12	Fut	Electronic	27.25	USD	FRPL	11	USD	FRPL	38.25	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	GFM	Gasoil 0.1% CIF NWE Cargoes BALMO Swap Day 13	Fut	Electronic	27.25	USD	FRPL	11	USD	FRPL	38.25	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	GFN	Gasoil 0.1% CIF NWE Cargoes BALMO Swap Day 14	Fut	Electronic	27.25	USD	FRPL	11	USD	FRPL	38.25	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	GFO	Gasoil 0.1% CIF NWE Cargoes BALMO Swap Day 15	Fut	Electronic	27.25	USD	FRPL	11	USD	FRPL	38.25	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	GFP	Gasoil 0.1% CIF NWE Cargoes BALMO Swap Day 16	Fut	Electronic	27.25	USD	FRPL	11	USD	FRPL	38.25	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	GFQ	Gasoil 0.1% CIF NWE Cargoes BALMO Swap Day 17	Fut	Electronic	27.25	USD	FRPL	11	USD	FRPL	38.25	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	GFR	Gasoil 0.1% CIF NWE Cargoes BALMO Swap Day 18	Fut	Electronic	27.25	USD	FRPL	11	USD	FRPL	38.25	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	GFS	Gasoil 0.1% CIF NWE Cargoes BALMO Swap Day 19	Fut	Electronic	27.25	USD	FRPL	11	USD	FRPL	38.25	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	GFT	Gasoil 0.1% CIF NWE Cargoes BALMO Swap Day 20	Fut	Electronic	27.25	USD	FRPL	11	USD	FRPL	38.25	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	GFU	Gasoil 0.1% CIF NWE Cargoes BALMO Swap Day 21	Fut	Electronic	27.25	USD	FRPL	11	USD	FRPL	38.25	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	GFV	Gasoil 0.1% CIF NWE Cargoes BALMO Swap Day 22	Fut	Electronic	27.25	USD	FRPL	11	USD	FRPL	38.25	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	GFW	Gasoil 0.1% CIF NWE Cargoes BALMO Swap Day 23	Fut	Electronic	27.25	USD	FRPL	11	USD	FRPL	38.25	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	GFX	Gasoil 0.1% CIF NWE Cargoes BALMO Swap Day 24	Fut	Electronic	27.25	USD	FRPL	11	USD	FRPL	38.25	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	GFY	Gasoil 0.1% CIF NWE Cargoes BALMO Swap Day 25	Fut	Electronic	27.25	USD	FRPL	11	USD	FRPL	38.25	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	GFZ	Gasoil 0.1% CIF NWE Cargoes BALMO Swap Day 26	Fut	Electronic	27.25	USD	FRPL	11	USD	FRPL	38.25	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	GGA	Gasoil 0.1% CIF NWE Cargoes BALMO Swap Day 27	Fut	Electronic	27.25	USD	FRPL	11	USD	FRPL	38.25	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	GGB	Gasoil 0.1% CIF NWE Cargoes BALMO Swap Day 28	Fut	Electronic	27.25	USD	FRPL	11	USD	FRPL	38.25	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	GGC	Gasoil 0.1% CIF NWE Cargoes BALMO Swap Day 29	Fut	Electronic	27.25	USD	FRPL	11	USD	FRPL	38.25	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	GGD	Gasoil 0.1% CIF NWE Cargoes BALMO Swap Day 30	Fut	Electronic	27.25	USD	FRPL	11	USD	FRPL	38.25	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	GGE	Gasoil 0.1% CIF NWE Cargoes BALMO Swap Day 31	Fut	Electronic	27.25	USD	FRPL	11	USD	FRPL	38.25	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	GGF	1% NYH Cargoes vs 1% FOB NWE Cargoes Balmo Swap Day 1	Fut	Electronic	3.75	USD	FRPL	1.34	USD	FRPL	5.09	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	GGG	1% NYH Cargoes vs 1% FOB NWE Cargoes Balmo Swap Day 2	Fut	Electronic	3.75	USD	FRPL	1.34	USD	FRPL	5.09	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	GGH	1% NYH Cargoes vs 1% FOB NWE Cargoes Balmo Swap Day 3	Fut	Electronic	3.75	USD	FRPL	1.34	USD	FRPL	5.09	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	GGI	1% NYH Cargoes vs 1% FOB NWE Cargoes Balmo Swap Day 4	Fut	Electronic	3.75	USD	FRPL	1.34	USD	FRPL	5.09	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	GGJ	1% NYH Cargoes vs 1% FOB NWE Cargoes Balmo Swap Day 5	Fut	Electronic	3.75	USD	FRPL	1.34	USD	FRPL	5.09	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	GGK	1% NYH Cargoes vs 1% FOB NWE Cargoes Balmo Swap Day 6	Fut	Electronic	3.75	USD	FRPL	1.34	USD	FRPL	5.09	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	GGL	1% NYH Cargoes vs 1% FOB NWE Cargoes Balmo Swap Day 7	Fut	Electronic	3.75	USD	FRPL	1.34	USD	FRPL	5.09	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	GGM	1% NYH Cargoes vs 1% FOB NWE Cargoes Balmo Swap Day 8	Fut	Electronic	3.75	USD	FRPL	1.34	USD	FRPL	5.09	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	GGN	1% NYH Cargoes vs 1% FOB NWE Cargoes Balmo Swap Day 9	Fut	Electronic	3.75	USD	FRPL	1.34	USD	FRPL	5.09	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	GGO	1% NYH Cargoes vs 1% FOB NWE Cargoes Balmo Swap Day 10	Fut	Electronic	3.75	USD	FRPL	1.34	USD	FRPL	5.09	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	GGP	1% NYH Cargoes vs 1% FOB NWE Cargoes Balmo Swap Day 11	Fut	Electronic	3.75	USD	FRPL	1.34	USD	FRPL	5.09	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	GGQ	1% NYH Cargoes vs 1% FOB NWE Cargoes Balmo Swap Day 12	Fut	Electronic	3.75	USD	FRPL	1.34	USD	FRPL	5.09	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	GGR	1% NYH Cargoes vs 1% FOB NWE Cargoes Balmo Swap Day 13	Fut	Electronic	3.75	USD	FRPL	1.34	USD	FRPL	5.09	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	GGS	1% NYH Cargoes vs 1% FOB NWE Cargoes Balmo Swap Day 14	Fut	Electronic	3.75	USD	FRPL	1.34	USD	FRPL	5.09	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	GGT	1% NYH Cargoes vs 1% FOB NWE Cargoes Balmo Swap Day 15	Fut	Electronic	3.75	USD	FRPL	1.34	USD	FRPL	5.09	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	GGU	1% NYH Cargoes vs 1% FOB NWE Cargoes Balmo Swap Day 16	Fut	Electronic	3.75	USD	FRPL	1.34	USD	FRPL	5.09	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	GGV	1% NYH Cargoes vs 1% FOB NWE Cargoes Balmo Swap Day 17	Fut	Electronic	3.75	USD	FRPL	1.34	USD	FRPL	5.09	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	GGW	1% NYH Cargoes vs 1% FOB NWE Cargoes Balmo Swap Day 18	Fut	Electronic	3.75	USD	FRPL	1.34	USD	FRPL	5.09	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	GGX	1% NYH Cargoes vs 1% FOB NWE Cargoes Balmo Swap Day 19	Fut	Electronic	3.75	USD	FRPL	1.34	USD	FRPL	5.09	0.2	USD	FRPL

Exch Code	Exch Desc	Comm Group	Prod Code	Product Desc	F/O	Platform	Trd Fee	Trd Fee Cur	Trd Fee Meth	Clr Fee	Clr Fee Cur	Clr Fee Meth	Fee Total	Brk Fee	Brk Fee Cur	Brk Fee Meth
ICE	Intercontinental Exchange	Energy	GGY	1% NYH Cargoes vs 1% FOB NWE Cargoes Balmo Swap Day 20	Fut	Electronic	3.75	USD	FRPL	1.34	USD	FRPL	5.09	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	GGZ	1% NYH Cargoes vs 1% FOB NWE Cargoes Balmo Swap Day 21	Fut	Electronic	3.75	USD	FRPL	1.34	USD	FRPL	5.09	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	GHA	1% NYH Cargoes vs 1% FOB NWE Cargoes Balmo Swap Day 22	Fut	Electronic	3.75	USD	FRPL	1.34	USD	FRPL	5.09	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	GHB	1% NYH Cargoes vs 1% FOB NWE Cargoes Balmo Swap Day 23	Fut	Electronic	3.75	USD	FRPL	1.34	USD	FRPL	5.09	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	GHC	1% NYH Cargoes vs 1% FOB NWE Cargoes Balmo Swap Day 24	Fut	Electronic	3.75	USD	FRPL	1.34	USD	FRPL	5.09	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	GHD	1% NYH Cargoes vs 1% FOB NWE Cargoes Balmo Swap Day 25	Fut	Electronic	3.75	USD	FRPL	1.34	USD	FRPL	5.09	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	GHE	1% NYH Cargoes vs 1% FOB NWE Cargoes Balmo Swap Day 26	Fut	Electronic	3.75	USD	FRPL	1.34	USD	FRPL	5.09	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	GHF	1% NYH Cargoes vs 1% FOB NWE Cargoes Balmo Swap Day 27	Fut	Electronic	3.75	USD	FRPL	1.34	USD	FRPL	5.09	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	GHG	1% NYH Cargoes vs 1% FOB NWE Cargoes Balmo Swap Day 28	Fut	Electronic	3.75	USD	FRPL	1.34	USD	FRPL	5.09	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	GHH	1% NYH Cargoes vs 1% FOB NWE Cargoes Balmo Swap Day 29	Fut	Electronic	3.75	USD	FRPL	1.34	USD	FRPL	5.09	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	GHI	1% NYH Cargoes vs 1% FOB NWE Cargoes Balmo Swap Day 30	Fut	Electronic	3.75	USD	FRPL	1.34	USD	FRPL	5.09	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	GHJ	1% NYH Cargoes vs 1% FOB NWE Cargoes Balmo Swap Day 31	Fut	Electronic	3.75	USD	FRPL	1.34	USD	FRPL	5.09	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	GHK	1% NYH Cargoes vs 3% USGC Balmo Swap Day 1	Fut	Electronic	3.75	USD	FRPL	1.34	USD	FRPL	5.09	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	GHL	1% NYH Cargoes vs 3% USGC Balmo Swap Day 2	Fut	Electronic	3.75	USD	FRPL	1.34	USD	FRPL	5.09	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	GHM	1% NYH Cargoes vs 3% USGC Balmo Swap Day 3	Fut	Electronic	3.75	USD	FRPL	1.34	USD	FRPL	5.09	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	GHN	1% NYH Cargoes vs 3% USGC Balmo Swap Day 4	Fut	Electronic	3.75	USD	FRPL	1.34	USD	FRPL	5.09	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	GHO	1% NYH Cargoes vs 3% USGC Balmo Swap Day 5	Fut	Electronic	3.75	USD	FRPL	1.34	USD	FRPL	5.09	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	GHP	1% NYH Cargoes vs 3% USGC Balmo Swap Day 6	Fut	Electronic	3.75	USD	FRPL	1.34	USD	FRPL	5.09	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	GHQ	1% NYH Cargoes vs 3% USGC Balmo Swap Day 7	Fut	Electronic	3.75	USD	FRPL	1.34	USD	FRPL	5.09	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	GHR	1% NYH Cargoes vs 3% USGC Balmo Swap Day 8	Fut	Electronic	3.75	USD	FRPL	1.34	USD	FRPL	5.09	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	GHS	1% NYH Cargoes vs 3% USGC Balmo Swap Day 9	Fut	Electronic	3.75	USD	FRPL	1.34	USD	FRPL	5.09	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	GHT	1% NYH Cargoes vs 3% USGC Balmo Swap Day 10	Fut	Electronic	3.75	USD	FRPL	1.34	USD	FRPL	5.09	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	GHU	1% NYH Cargoes vs 3% USGC Balmo Swap Day 11	Fut	Electronic	3.75	USD	FRPL	1.34	USD	FRPL	5.09	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	GHV	1% NYH Cargoes vs 3% USGC Balmo Swap Day 12	Fut	Electronic	3.75	USD	FRPL	1.34	USD	FRPL	5.09	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	GHW	1% NYH Cargoes vs 3% USGC Balmo Swap Day 13	Fut	Electronic	3.75	USD	FRPL	1.34	USD	FRPL	5.09	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	GHX	1% NYH Cargoes vs 3% USGC Balmo Swap Day 14	Fut	Electronic	3.75	USD	FRPL	1.34	USD	FRPL	5.09	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	GHY	1% NYH Cargoes vs 3% USGC Balmo Swap Day 15	Fut	Electronic	3.75	USD	FRPL	1.34	USD	FRPL	5.09	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	GHZ	1% NYH Cargoes vs 3% USGC Balmo Swap Day 16	Fut	Electronic	3.75	USD	FRPL	1.34	USD	FRPL	5.09	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	GIA	1% NYH Cargoes vs 3% USGC Balmo Swap Day 17	Fut	Electronic	3.75	USD	FRPL	1.34	USD	FRPL	5.09	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	GIB	1% NYH Cargoes vs 3% USGC Balmo Swap Day 18	Fut	Electronic	3.75	USD	FRPL	1.34	USD	FRPL	5.09	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	GIC	1% NYH Cargoes vs 3% USGC Balmo Swap Day 19	Fut	Electronic	3.75	USD	FRPL	1.34	USD	FRPL	5.09	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	GID	1% NYH Cargoes vs 3% USGC Balmo Swap Day 20	Fut	Electronic	3.75	USD	FRPL	1.34	USD	FRPL	5.09	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	GIE	1% NYH Cargoes vs 3% USGC Balmo Swap Day 21	Fut	Electronic	3.75	USD	FRPL	1.34	USD	FRPL	5.09	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	GIF	1% NYH Cargoes vs 3% USGC Balmo Swap Day 22	Fut	Electronic	3.75	USD	FRPL	1.34	USD	FRPL	5.09	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	GIG	1% NYH Cargoes vs 3% USGC Balmo Swap Day 23	Fut	Electronic	3.75	USD	FRPL	1.34	USD	FRPL	5.09	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	GIH	1% NYH Cargoes vs 3% USGC Balmo Swap Day 24	Fut	Electronic	3.75	USD	FRPL	1.34	USD	FRPL	5.09	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	GII	1% NYH Cargoes vs 3% USGC Balmo Swap Day 25	Fut	Electronic	3.75	USD	FRPL	1.34	USD	FRPL	5.09	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	GIJ	1% NYH Cargoes vs 3% USGC Balmo Swap Day 26	Fut	Electronic	3.75	USD	FRPL	1.34	USD	FRPL	5.09	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	GIK	1% NYH Cargoes vs 3% USGC Balmo Swap Day 27	Fut	Electronic	3.75	USD	FRPL	1.34	USD	FRPL	5.09	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	GIL	1% NYH Cargoes vs 3% USGC Balmo Swap Day 28	Fut	Electronic	3.75	USD	FRPL	1.34	USD	FRPL	5.09	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	GIM	1% NYH Cargoes vs 3% USGC Balmo Swap Day 29	Fut	Electronic	3.75	USD	FRPL	1.34	USD	FRPL	5.09	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	GIN	1% NYH Cargoes vs 3% USGC Balmo Swap Day 30	Fut	Electronic	3.75	USD	FRPL	1.34	USD	FRPL	5.09	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	GIO	1% NYH Cargoes vs 3% USGC Balmo Swap Day 31	Fut	Electronic	3.75	USD	FRPL	1.34	USD	FRPL	5.09	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	GIP	1% NYH Cargo Swap vs WTI 1st Line Balmo Swap Day 1	Fut	Electronic	3.75	USD	FRPL	1.34	USD	FRPL	5.09	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	GIQ	1% NYH Cargo Swap vs WTI 1st Line Balmo Swap Day 2	Fut	Electronic	3.75	USD	FRPL	1.34	USD	FRPL	5.09	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	GIR	1% NYH Cargo Swap vs WTI 1st Line Balmo Swap Day 3	Fut	Electronic	3.75	USD	FRPL	1.34	USD	FRPL	5.09	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	GIS	1% NYH Cargo Swap vs WTI 1st Line Balmo Swap Day 4	Fut	Electronic	3.75	USD	FRPL	1.34	USD	FRPL	5.09	0.2	USD	FRPL

Exch Code	Exch Desc	Comm Group	Prod Code	Product Desc	F/O	Platform	Trd Fee	Trd Fee Cur	Trd Fee Meth	Clr Fee	Clr Fee Cur	Clr Fee Meth	Fee Total	Brk Fee	Brk Fee Cur	Brk Fee Meth
ICE	Intercontinental Exchange	Energy	GIT	1% NYH Cargo Swap vs WTI 1st Line Balmo Swap Day 5	Fut	Electronic	3.75	USD	FRPL	1.34	USD	FRPL	5.09	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	GIU	1% NYH Cargo Swap vs WTI 1st Line Balmo Swap Day 6	Fut	Electronic	3.75	USD	FRPL	1.34	USD	FRPL	5.09	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	GIV	1% NYH Cargo Swap vs WTI 1st Line Balmo Swap Day 7	Fut	Electronic	3.75	USD	FRPL	1.34	USD	FRPL	5.09	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	GIW	1% NYH Cargo Swap vs WTI 1st Line Balmo Swap Day 8	Fut	Electronic	3.75	USD	FRPL	1.34	USD	FRPL	5.09	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	GIX	1% NYH Cargo Swap vs WTI 1st Line Balmo Swap Day 9	Fut	Electronic	3.75	USD	FRPL	1.34	USD	FRPL	5.09	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	GIY	1% NYH Cargo Swap vs WTI 1st Line Balmo Swap Day 10	Fut	Electronic	3.75	USD	FRPL	1.34	USD	FRPL	5.09	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	GIZ	1% NYH Cargo Swap vs WTI 1st Line Balmo Swap Day 11	Fut	Electronic	3.75	USD	FRPL	1.34	USD	FRPL	5.09	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	GJA	1% NYH Cargo Swap vs WTI 1st Line Balmo Swap Day 12	Fut	Electronic	3.75	USD	FRPL	1.34	USD	FRPL	5.09	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	GJB	1% NYH Cargo Swap vs WTI 1st Line Balmo Swap Day 13	Fut	Electronic	3.75	USD	FRPL	1.34	USD	FRPL	5.09	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	GJC	1% NYH Cargo Swap vs WTI 1st Line Balmo Swap Day 14	Fut	Electronic	3.75	USD	FRPL	1.34	USD	FRPL	5.09	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	GJD	1% NYH Cargo Swap vs WTI 1st Line Balmo Swap Day 15	Fut	Electronic	3.75	USD	FRPL	1.34	USD	FRPL	5.09	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	GJE	1% NYH Cargo Swap vs WTI 1st Line Balmo Swap Day 16	Fut	Electronic	3.75	USD	FRPL	1.34	USD	FRPL	5.09	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	GJF	1% NYH Cargo Swap vs WTI 1st Line Balmo Swap Day 17	Fut	Electronic	3.75	USD	FRPL	1.34	USD	FRPL	5.09	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	GJG	1% NYH Cargo Swap vs WTI 1st Line Balmo Swap Day 18	Fut	Electronic	3.75	USD	FRPL	1.34	USD	FRPL	5.09	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	GJH	1% NYH Cargo Swap vs WTI 1st Line Balmo Swap Day 19	Fut	Electronic	3.75	USD	FRPL	1.34	USD	FRPL	5.09	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	GJI	1% NYH Cargo Swap vs WTI 1st Line Balmo Swap Day 20	Fut	Electronic	3.75	USD	FRPL	1.34	USD	FRPL	5.09	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	GJJ	1% NYH Cargo Swap vs WTI 1st Line Balmo Swap Day 21	Fut	Electronic	3.75	USD	FRPL	1.34	USD	FRPL	5.09	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	GJK	1% NYH Cargo Swap vs WTI 1st Line Balmo Swap Day 22	Fut	Electronic	3.75	USD	FRPL	1.34	USD	FRPL	5.09	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	GJL	1% NYH Cargo Swap vs WTI 1st Line Balmo Swap Day 23	Fut	Electronic	3.75	USD	FRPL	1.34	USD	FRPL	5.09	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	GJM	1% NYH Cargo Swap vs WTI 1st Line Balmo Swap Day 24	Fut	Electronic	3.75	USD	FRPL	1.34	USD	FRPL	5.09	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	GJN	1% NYH Cargo Swap vs WTI 1st Line Balmo Swap Day 25	Fut	Electronic	3.75	USD	FRPL	1.34	USD	FRPL	5.09	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	GJO	1% NYH Cargo Swap vs WTI 1st Line Balmo Swap Day 26	Fut	Electronic	3.75	USD	FRPL	1.34	USD	FRPL	5.09	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	GJP	1% NYH Cargo Swap vs WTI 1st Line Balmo Swap Day 27	Fut	Electronic	3.75	USD	FRPL	1.34	USD	FRPL	5.09	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	GJQ	1% NYH Cargo Swap vs WTI 1st Line Balmo Swap Day 28	Fut	Electronic	3.75	USD	FRPL	1.34	USD	FRPL	5.09	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	GJR	1% NYH Cargo Swap vs WTI 1st Line Balmo Swap Day 29	Fut	Electronic	3.75	USD	FRPL	1.34	USD	FRPL	5.09	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	GJS	1% NYH Cargo Swap vs WTI 1st Line Balmo Swap Day 30	Fut	Electronic	3.75	USD	FRPL	1.34	USD	FRPL	5.09	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	GJT	1% NYH Cargo Swap vs WTI 1st Line Balmo Swap Day 31	Fut	Electronic	3.75	USD	FRPL	1.34	USD	FRPL	5.09	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	GJU	3% USGC Swap vs 3.5% FOB Rdam Barges Balmo Swap Day 1	Fut	Electronic	3.75	USD	FRPL	1.34	USD	FRPL	5.09	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	GJV	3% USGC Swap vs 3.5% FOB Rdam Barges Balmo Swap Day 2	Fut	Electronic	3.75	USD	FRPL	1.34	USD	FRPL	5.09	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	GJW	3% USGC Swap vs 3.5% FOB Rdam Barges Balmo Swap Day 3	Fut	Electronic	3.75	USD	FRPL	1.34	USD	FRPL	5.09	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	GJX	3% USGC Swap vs 3.5% FOB Rdam Barges Balmo Swap Day 4	Fut	Electronic	3.75	USD	FRPL	1.34	USD	FRPL	5.09	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	GJY	3% USGC Swap vs 3.5% FOB Rdam Barges Balmo Swap Day 5	Fut	Electronic	3.75	USD	FRPL	1.34	USD	FRPL	5.09	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	GJZ	3% USGC Swap vs 3.5% FOB Rdam Barges Balmo Swap Day 6	Fut	Electronic	3.75	USD	FRPL	1.34	USD	FRPL	5.09	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	GKA	3% USGC Swap vs 3.5% FOB Rdam Barges Balmo Swap Day 7	Fut	Electronic	3.75	USD	FRPL	1.34	USD	FRPL	5.09	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	GKB	3% USGC Swap vs 3.5% FOB Rdam Barges Balmo Swap Day 8	Fut	Electronic	3.75	USD	FRPL	1.34	USD	FRPL	5.09	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	GKC	3% USGC Swap vs 3.5% FOB Rdam Barges Balmo Swap Day 9	Fut	Electronic	3.75	USD	FRPL	1.34	USD	FRPL	5.09	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	GKD	3% USGC Swap vs 3.5% FOB Rdam Barges Balmo Swap Day 10	Fut	Electronic	3.75	USD	FRPL	1.34	USD	FRPL	5.09	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	GKE	3% USGC Swap vs 3.5% FOB Rdam Barges Balmo Swap Day 11	Fut	Electronic	3.75	USD	FRPL	1.34	USD	FRPL	5.09	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	GKF	3% USGC Swap vs 3.5% FOB Rdam Barges Balmo Swap Day 12	Fut	Electronic	3.75	USD	FRPL	1.34	USD	FRPL	5.09	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	GKG	3% USGC Swap vs 3.5% FOB Rdam Barges Balmo Swap Day 13	Fut	Electronic	3.75	USD	FRPL	1.34	USD	FRPL	5.09	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	GKH	3% USGC Swap vs 3.5% FOB Rdam Barges Balmo Swap Day 14	Fut	Electronic	3.75	USD	FRPL	1.34	USD	FRPL	5.09	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	GKI	3% USGC Swap vs 3.5% FOB Rdam Barges Balmo Swap Day 15	Fut	Electronic	3.75	USD	FRPL	1.34	USD	FRPL	5.09	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	GKJ	3% USGC Swap vs 3.5% FOB Rdam Barges Balmo Swap Day 16	Fut	Electronic	3.75	USD	FRPL	1.34	USD	FRPL	5.09	0.2	USD	FRPL

Exch Code	Exch Desc	Comm Group	Prod Code	Product Desc	F/O	Platform	Trd Fee	Trd Fee Cur	Trd Fee Meth	Clr Fee	Clr Fee Cur	Clr Fee Meth	Fee Total	Brk Fee	Brk Fee Cur	Brk Fee Meth
ICE	Intercontinental Exchange	Energy	GKK	3% USGC Swap vs 3.5% FOB Rdam Barges Balmo Swap Day 17	Fut	Electronic	3.75	USD	FRPL	1.34	USD	FRPL	5.09	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	GKL	3% USGC Swap vs 3.5% FOB Rdam Barges Balmo Swap Day 18	Fut	Electronic	3.75	USD	FRPL	1.34	USD	FRPL	5.09	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	GKM	3% USGC Swap vs 3.5% FOB Rdam Barges Balmo Swap Day 19	Fut	Electronic	3.75	USD	FRPL	1.34	USD	FRPL	5.09	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	GKN	3% USGC Swap vs 3.5% FOB Rdam Barges Balmo Swap Day 20	Fut	Electronic	3.75	USD	FRPL	1.34	USD	FRPL	5.09	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	GKO	3% USGC Swap vs 3.5% FOB Rdam Barges Balmo Swap Day 21	Fut	Electronic	3.75	USD	FRPL	1.34	USD	FRPL	5.09	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	GKP	3% USGC Swap vs 3.5% FOB Rdam Barges Balmo Swap Day 22	Fut	Electronic	3.75	USD	FRPL	1.34	USD	FRPL	5.09	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	GKQ	3% USGC Swap vs 3.5% FOB Rdam Barges Balmo Swap Day 23	Fut	Electronic	3.75	USD	FRPL	1.34	USD	FRPL	5.09	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	GKR	3% USGC Swap vs 3.5% FOB Rdam Barges Balmo Swap Day 24	Fut	Electronic	3.75	USD	FRPL	1.34	USD	FRPL	5.09	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	GKS	3% USGC Swap vs 3.5% FOB Rdam Barges Balmo Swap Day 25	Fut	Electronic	3.75	USD	FRPL	1.34	USD	FRPL	5.09	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	GKT	3% USGC Swap vs 3.5% FOB Rdam Barges Balmo Swap Day 26	Fut	Electronic	3.75	USD	FRPL	1.34	USD	FRPL	5.09	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	GKU	3% USGC Swap vs 3.5% FOB Rdam Barges Balmo Swap Day 27	Fut	Electronic	3.75	USD	FRPL	1.34	USD	FRPL	5.09	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	GKV	3% USGC Swap vs 3.5% FOB Rdam Barges Balmo Swap Day 28	Fut	Electronic	3.75	USD	FRPL	1.34	USD	FRPL	5.09	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	GKW	3% USGC Swap vs 3.5% FOB Rdam Barges Balmo Swap Day 29	Fut	Electronic	3.75	USD	FRPL	1.34	USD	FRPL	5.09	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	GKX	3% USGC Swap vs 3.5% FOB Rdam Barges Balmo Swap Day 30	Fut	Electronic	3.75	USD	FRPL	1.34	USD	FRPL	5.09	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	GKY	3% USGC Swap vs 3.5% FOB Rdam Barges Balmo Swap Day 31	Fut	Electronic	3.75	USD	FRPL	1.34	USD	FRPL	5.09	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	GKZ	Singapore Naphtha Balmo Swap Day 1	Fut	Electronic	3.75	USD	FRPL	1.34	USD	FRPL	5.09	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	GLA	Singapore Naphtha Balmo Swap Day 2	Fut	Electronic	3.75	USD	FRPL	1.34	USD	FRPL	5.09	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	GLB	Singapore Naphtha Balmo Swap Day 3	Fut	Electronic	3.75	USD	FRPL	1.34	USD	FRPL	5.09	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	GLC	Singapore Naphtha Balmo Swap Day 4	Fut	Electronic	3.75	USD	FRPL	1.34	USD	FRPL	5.09	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	GLD	Singapore Naphtha Balmo Swap Day 5	Fut	Electronic	3.75	USD	FRPL	1.34	USD	FRPL	5.09	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	GLE	Singapore Naphtha Balmo Swap Day 6	Fut	Electronic	3.75	USD	FRPL	1.34	USD	FRPL	5.09	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	GLF	Singapore Naphtha Balmo Swap Day 7	Fut	Electronic	3.75	USD	FRPL	1.34	USD	FRPL	5.09	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	GLG	Singapore Naphtha Balmo Swap Day 8	Fut	Electronic	3.75	USD	FRPL	1.34	USD	FRPL	5.09	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	GLH	Singapore Naphtha Balmo Swap Day 9	Fut	Electronic	3.75	USD	FRPL	1.34	USD	FRPL	5.09	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	GLI	Singapore Naphtha Balmo Swap Day 10	Fut	Electronic	3.75	USD	FRPL	1.34	USD	FRPL	5.09	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	GLJ	Singapore Naphtha Balmo Swap Day 11	Fut	Electronic	3.75	USD	FRPL	1.34	USD	FRPL	5.09	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	GLK	Singapore Naphtha Balmo Swap Day 12	Fut	Electronic	3.75	USD	FRPL	1.34	USD	FRPL	5.09	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	GLL	Singapore Naphtha Balmo Swap Day 13	Fut	Electronic	3.75	USD	FRPL	1.34	USD	FRPL	5.09	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	GLM	Singapore Naphtha Balmo Swap Day 14	Fut	Electronic	3.75	USD	FRPL	1.34	USD	FRPL	5.09	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	GLN	Singapore Naphtha Balmo Swap Day 15	Fut	Electronic	3.75	USD	FRPL	1.34	USD	FRPL	5.09	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	GLO	Singapore Naphtha Balmo Swap Day 16	Fut	Electronic	3.75	USD	FRPL	1.34	USD	FRPL	5.09	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	GLP	Singapore Naphtha Balmo Swap Day 17	Fut	Electronic	3.75	USD	FRPL	1.34	USD	FRPL	5.09	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	GLQ	Singapore Naphtha Balmo Swap Day 18	Fut	Electronic	3.75	USD	FRPL	1.34	USD	FRPL	5.09	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	GLR	Singapore Naphtha Balmo Swap Day 19	Fut	Electronic	3.75	USD	FRPL	1.34	USD	FRPL	5.09	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	GLS	Singapore Naphtha Balmo Swap Day 20	Fut	Electronic	3.75	USD	FRPL	1.34	USD	FRPL	5.09	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	GLT	Singapore Naphtha Balmo Swap Day 21	Fut	Electronic	3.75	USD	FRPL	1.34	USD	FRPL	5.09	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	GLU	Singapore Naphtha Balmo Swap Day 22	Fut	Electronic	3.75	USD	FRPL	1.34	USD	FRPL	5.09	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	GLV	Singapore Naphtha Balmo Swap Day 23	Fut	Electronic	3.75	USD	FRPL	1.34	USD	FRPL	5.09	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	GLW	Singapore Naphtha Balmo Swap Day 24	Fut	Electronic	3.75	USD	FRPL	1.34	USD	FRPL	5.09	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	GLX	Singapore Naphtha Balmo Swap Day 25	Fut	Electronic	3.75	USD	FRPL	1.34	USD	FRPL	5.09	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	GLY	Singapore Naphtha Balmo Swap Day 26	Fut	Electronic	3.75	USD	FRPL	1.34	USD	FRPL	5.09	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	GLZ	Singapore Naphtha Balmo Swap Day 27	Fut	Electronic	3.75	USD	FRPL	1.34	USD	FRPL	5.09	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	GMA	Singapore Naphtha Balmo Swap Day 28	Fut	Electronic	3.75	USD	FRPL	1.34	USD	FRPL	5.09	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	GMB	Singapore Naphtha Balmo Swap Day 29	Fut	Electronic	3.75	USD	FRPL	1.34	USD	FRPL	5.09	0.2	USD	FRPL

Exch Code	Exch Desc	Comm Group	Prod Code	Product Desc	F/O	Platform	Trd Fee	Trd Fee Cur	Trd Fee Meth	Clr Fee	Clr Fee Cur	Clr Fee Meth	Fee Total	Brk Fee	Brk Fee Cur	Brk Fee Meth
ICE	Intercontinental Exchange	Energy	GMC	Singapore Naphtha Balmo Swap Day 30	Fut	Electronic	3.75	USD	FRPL	1.34	USD	FRPL	5.09	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	GMD	Singapore Naphtha Balmo Swap Day 31	Fut	Electronic	3.75	USD	FRPL	1.34	USD	FRPL	5.09	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	GMG	0.1% Gasoil CIF Med Cargoes vs Gasoil 1st Line Swap	Fut	Electronic	27.25	USD	FRPL	11	USD	FRPL	38.25	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	GOA	Gasoil 1-Month Calendar Spread	Opt	Electronic	3.13	USD	FRPL	0.69	USD	FRPL	3.82	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	GOB	Gasoil Bullet Swap	Fut	Electronic	2.73	USD	FRPL	1.09	USD	FRPL	3.82	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	GOC	Gasoil 1st Line vs Brent 1st Line Swap (mt)	Fut	Electronic	27.25	USD	FRPL	11	USD	FRPL	38.25	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	GOE	3% Fuel Oil USGC vs 3.5% Fuel Oil FOB Rotterdam Barges Swap	Fut	Electronic	3.75	USD	FRPL	1.34	USD	FRPL	5.09	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	GOF	Gasoil 0.1% FOB Rotterdam Barges Swap	Fut	Electronic	27.25	USD	FRPL	11	USD	FRPL	38.25	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	GOH	Gulf Coast ULSD vs Heating Oil 1st Line Swap	Fut	Electronic	3.75	USD	FRPL	1.34	USD	FRPL	5.09	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	GOM	Gasoil 0.1% FOB MED Cargoes Swap	Fut	Electronic	27.25	USD	FRPL	11	USD	FRPL	38.25	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	GRB	0.1% Gasoil FOB Rotterdam Barges vs Brent 1st Line Swap	Fut	Electronic	27.25	USD	FRPL	11	USD	FRPL	38.25	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	GSA	Gasoil 50 ppm FOB Rotterdam Barges Swap	Fut	Electronic	27.25	USD	FRPL	11	USD	FRPL	38.25	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	GSC	Gasoil 50 ppm FOB Rotterdam Barges vs Brent 1st Line Swap	Fut	Electronic	27.25	USD	FRPL	11	USD	FRPL	38.25	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	GSD	Gasoil 50 ppm FOB Rotterdam Barges vs Gasoil 1st Line Swap	Fut	Electronic	27.25	USD	FRPL	11	USD	FRPL	38.25	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	GSE	Gasoil 50ppm FOB Rdam Barges Bullet Swap	Fut	Electronic	2.73	USD	FRPL	1.09	USD	FRPL	3.82	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	GSF	Gasoil 50 ppm FOB Rotterdam Barges vs 0.1% Gasoil FOB Rotterdam Barges Swap	Fut	Electronic	27.25	USD	FRPL	11	USD	FRPL	38.25	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	GSP	Gasoil 1st Line Swap	Fut	Electronic	2.73	USD	FRPL	1.09	USD	FRPL	3.82	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	GSP	Gasoil Average Price	Opt	Electronic	3.13	USD	FRPL	0.69	USD	FRPL	3.82	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	GST	Singapore 10ppm Gasoil Swap	Fut	Electronic	3.75	USD	FRPL	1.34	USD	FRPL	5.09	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	GSU	Singapore 10ppm Gasoil vs 0.5% Singapore Gasoil Swap	Fut	Electronic	3.75	USD	FRPL	1.34	USD	FRPL	5.09	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	GSW	Singapore 10ppm Gasoil vs Singapore 0.05% Gasoil Swap	Fut	Electronic	3.75	USD	FRPL	1.34	USD	FRPL	5.09	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	GUB	USGC Jet Fuel vs Brent 1st Line Swap	Fut	Electronic	3.75	USD	FRPL	1.34	USD	FRPL	5.09	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	GUF	Gulf Coast No. 6 3% Fuel Oil Crack Spread	Fut	Electronic	3.75	USD	FRPL	1.34	USD	FRPL	5.09	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	GUL	Gas Oil	Opt	Electronic	3.13	USD	FRPL	0.69	USD	FRPL	3.82	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	GUU	Gulf Coast ULSD Swap	Fut	Electronic	3.75	USD	FRPL	1.34	USD	FRPL	5.09	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	GUV	USGC ULSD vs Brent 1st Line Swap	Fut	Electronic	3.75	USD	FRPL	1.34	USD	FRPL	5.09	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	GUW	USGC ULSD vs WTI 1st Line Swap	Fut	Electronic	3.75	USD	FRPL	1.34	USD	FRPL	5.09	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	GUX	USGC ULSD vs LSGO 1st Line Swap	Fut	Electronic	3.75	USD	FRPL	1.34	USD	FRPL	5.09	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	GUY	USGC ULSD vs Gasoil 1st Line Swap	Fut	Electronic	3.75	USD	FRPL	1.34	USD	FRPL	5.09	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	H	Henry Financial LD1 Fixed Price	Fut	Electronic	0.14	USD	FRPL	0.52	USD	FRPL	0.66	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	HBT	NYH Heating Oil 1st Line vs Brent 1st Line Swap	Fut	Electronic	3.75	USD	FRPL	1.34	USD	FRPL	5.09	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	HBW	NYH Heating Oil 1st Line vs WTI 1st Line Swap	Fut	Electronic	3.75	USD	FRPL	1.34	USD	FRPL	5.09	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	HEA	ERCOT Houston 345 KV Hub DA, Peak Daily	Fut	Electronic	0.04	USD	FRPL	0.08	USD	FRPL	0.12	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	HEB	ERCOT Houston Zone, Off-Peak Monthly	Fut	Electronic	0.01	USD	FRPL	0.04	USD	FRPL	0.05	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	HEC	ERCOT Houston 345KV Hub DA, Off-Peak Daily	Fut	Electronic	0.01	USD	FRPL	0.02	USD	FRPL	0.03	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	HED	ERCOT Houston Zone, Off-Peak Daily	Fut	Electronic	0.13	USD	FRPL	0.25	USD	FRPL	0.38	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	HEN	Henry Financial Basis	Fut	Electronic	0.14	USD	FRPL	0.52	USD	FRPL	0.66	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	HHC	Henry Cal 1x Fixed Price Swap	Fut	Electronic	0.14	USD	FRPL	0.52	USD	FRPL	0.66	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	HHC	Henry Cal 1x Fixed Price Swap	Opt	Electronic	0.14	USD	FRPL	0.52	USD	FRPL	0.66	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	HHD	Henry Financial Swing	Fut	Electronic	0.14	USD	FRPL	0.52	USD	FRPL	0.66	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	HHD	Henry Financial Swing	Opt	Electronic	0.14	USD	FRPL	0.52	USD	FRPL	0.66	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	HHM	Henry Financial Penultimate 1-Month Calendar Spread	Opt	Electronic	0.14	USD	FRPL	0.52	USD	FRPL	0.66	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	HIS	Henry Financial Index	Fut	Electronic	0.14	USD	FRPL	0.52	USD	FRPL	0.66	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	HMT	Henry Financial Penultimate 3-Month Calendar Spread	Opt	Electronic	0.14	USD	FRPL	0.52	USD	FRPL	0.66	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	HMX	Henry Financial Penultimate 6 Month Calendar Spread	Opt	Electronic	0.14	USD	FRPL	0.52	USD	FRPL	0.66	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	HOF	Heating Oil 1st Line Swap	Fut	Electronic	3.75	USD	FRPL	1.34	USD	FRPL	5.09	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	HOF	Heating Oil Average Price	Opt	Electronic	3.75	USD	FRPL	1.34	USD	FRPL	5.09	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	HOG	Heating Oil 1st Line vs Gasoil 1st Line Swap (bbl)	Fut	Electronic	3.75	USD	FRPL	1.34	USD	FRPL	5.09	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	HOK	NYH Heating Oil 2:30 PM ET Settlement vs. Platts 3:15 PM ET Futures Assessment	Fut	Electronic	1.25	USD	FRPL	1.34	USD	FRPL	2.59	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	HOL	NYH Heating Oil 2:30 PM ET Settlement vs. Platts 3:15 PM ET 2nd Month	Fut	Electronic	1.25	USD	FRPL	1.34	USD	FRPL	2.59	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	HOT	Heating Oil 1st Line vs Gasoil 1st Line Swap (mt)	Fut	Electronic	27.25	USD	FRPL	11	USD	FRPL	38.25	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	HXS	HSC Financial Basis	Fut	Electronic	0.14	USD	FRPL	0.52	USD	FRPL	0.66	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	HZA	ERCOT Houston Load Zone DA, Peak Daily	Fut	Electronic	0.04	USD	FRPL	0.08	USD	FRPL	0.12	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	HZB	ERCOT Houston Load Zone DA, Peak Monthly	Fut	Electronic	0.04	USD	FRPL	0.12	USD	FRPL	0.16	0.2	USD	FRPL

Exch Code	Exch Desc	Comm Group	Prod Code	Product Desc	F/O	Platform	Trd Fee	Trd Fee Cur	Trd Fee Meth	Clr Fee	Clr Fee Cur	Clr Fee Meth	Fee Total	Brk Fee	Brk Fee Cur	Brk Fee Meth
ICE	Intercontinental Exchange	Energy	HZC	ERCOT Houston Load Zone DA, Off-Peak Daily	Fut	Electronic	0.01	USD	FRPL	0.02	USD	FRPL	0.03	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	HZD	ERCOT Houston Load Zone DA, Off-Peak Monthly	Fut	Electronic	0.01	USD	FRPL	0.04	USD	FRPL	0.05	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	I	Brent 1st Line Swap	Fut	Electronic	1.25	USD	FRPL	1.34	USD	FRPL	2.59	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	I	Brent Average Price	Opt	Electronic	1.25	USD	FRPL	1.34	USD	FRPL	2.59	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	IBC	Financial Normal Butane D Grade Swap	Fut	Electronic	7.5	USD	FRPL	3.25	USD	FRPL	10.75	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	ICO	ISO New England Connecticut Day Ahead LMP Off-Peak Monthly	Fut	Electronic	0.01	USD	FRPL	0.04	USD	FRPL	0.05	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	ICP	ISO New England Connecticut Day Ahead LMP Peak Monthly	Fut	Electronic	0.04	USD	FRPL	0.12	USD	FRPL	0.16	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	IDO	MISO Indiana Hub Real Time Daily Swap	Fut	Electronic	2	USD	FRPL	4	USD	FRPL	6	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	IDO	MISO Indiana Hub Real Time Daily	Opt	Electronic	2	USD	FRPL	4	USD	FRPL	6	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	IDP	MISO Indiana Real Time Peak Daily	Fut	Electronic	2	USD	FRPL	4	USD	FRPL	6	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	IEB	ISO-NE Maine Day Ahead LMP, Peak Monthly	Fut	Electronic	0.04	USD	FRPL	0.12	USD	FRPL	0.16	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	IED	ISO-NE Maine Day Ahead LMP, Off-Peak Monthly	Fut	Electronic	0.01	USD	FRPL	0.04	USD	FRPL	0.05	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	IHB	ISO-NE New Hampshire Day Ahead LMP, Peak Monthly	Fut	Electronic	0.04	USD	FRPL	0.12	USD	FRPL	0.16	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	IHD	ISO-NE New Hampshire Day Ahead LMP, Off-Peak Monthly	Fut	Electronic	0.01	USD	FRPL	0.04	USD	FRPL	0.05	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	IMB	ISO-NE SE Massachusetts Day Ahead LMP, Peak Monthly	Fut	Electronic	0.04	USD	FRPL	0.12	USD	FRPL	0.16	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	IMD	ISO-NE SE Massachusetts Day Ahead LMP, Off-Peak Monthly	Fut	Electronic	0.01	USD	FRPL	0.04	USD	FRPL	0.05	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	INB	ISO-NE NE Massachusetts Day Ahead LMP, Peak Monthly	Fut	Electronic	0.04	USD	FRPL	0.12	USD	FRPL	0.16	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	IND	ISO-NE NE Massachusetts Day Ahead LMP, Off-Peak Monthly	Fut	Electronic	0.01	USD	FRPL	0.04	USD	FRPL	0.05	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	IOP	MISO Indiana Real Time Off-Peak Daily	Fut	Electronic	0.13	USD	FRPL	0.25	USD	FRPL	0.38	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	IOR	Iron Ore Swap (Platts IODEX) 62% Fe	Fut	Electronic	5	USD	FRPL	20	USD	FRPL	25	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	ISC	Conway, FP for OPIS - Financial Isobutane Swap	Fut	Electronic	7.5	USD	FRPL	3.25	USD	FRPL	10.75	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	ISL	Mt Belvieu-LST, FP for OPIS - Financial Isobutane Swap	Fut	Electronic	7.5	USD	FRPL	3.25	USD	FRPL	10.75	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	ISO	Mt Belvieu-Ent IsoButane, FP for OPIS Average	Fut	Electronic	7.5	USD	FRPL	3.25	USD	FRPL	10.75	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	IWB	ISO NE West Central Massachusetts Day Ahead LMP, Peak Monthly	Fut	Electronic	0.04	USD	FRPL	0.12	USD	FRPL	0.16	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	IWD	ISO NE West Central Massachusetts Day Ahead LMP, Off-Peak Monthly	Fut	Electronic	0.01	USD	FRPL	0.04	USD	FRPL	0.05	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	JCA	PJM JCPL Zone Day Ahead LMP, Peak Daily	Fut	Electronic	0.04	USD	FRPL	0.08	USD	FRPL	0.12	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	JCB	PJM JCPL Zone Day Ahead LMP, Peak Monthly	Fut	Electronic	0.04	USD	FRPL	0.12	USD	FRPL	0.16	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	JCC	PJM JCPL Zone Day Ahead LMP, Off-Peak Daily	Fut	Electronic	0.01	USD	FRPL	0.02	USD	FRPL	0.03	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	JCD	PJM JCPL Zone Day Ahead LMP, Off-Peak Monthly	Fut	Electronic	0.01	USD	FRPL	0.04	USD	FRPL	0.05	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	JCF	Gulf Coast Jet Fuel Swap	Fut	Electronic	3.75	USD	FRPL	1.34	USD	FRPL	5.09	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	JCN	Jet CIF NWE Cargoes Swap	Fut	Electronic	29.4	USD	FRPL	11	USD	FRPL	40.4	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	JDP	NYISO Zone J Financial Peak Daily	Fut	Electronic	2	USD	FRPL	4	USD	FRPL	6	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	JET	Jet CIF NWE Cargoes vs Gasoil 1st Line Swap	Fut	Electronic	29.4	USD	FRPL	11	USD	FRPL	40.4	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	JHO	USGC Jet Fuel vs Heating Oil 1st Line Swap	Fut	Electronic	3.75	USD	FRPL	1.34	USD	FRPL	5.09	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	JKM	LNG Swap: JKM	Fut	Electronic	10	USD	FRPL	10	USD	FRPL	20	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	JNB	Jet CIF NWE Cargoes vs Brent 1st Line Swap	Fut	Electronic	3.75	USD	FRPL	1.34	USD	FRPL	5.09	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	JOE	Naphtha C+F Japan vs Naphtha CIF NWE Cargo Swap	Fut	Electronic	34.5	USD	FRPL	11	USD	FRPL	45.5	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	JRG	Jet FOB RDAM Barges vs Gasoil 1st Line Swap	Fut	Electronic	29.4	USD	FRPL	11	USD	FRPL	40.4	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	JRJ	Jet Kero FOB RDAM Barges vs Jet CIF NWE Cargoes Swap	Fut	Electronic	29.4	USD	FRPL	11	USD	FRPL	40.4	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	LAA	Mt Belvieu-ENT (non-TET), FP for OPIS - Financial Propane BALMO Swap Day 1	Fut	Electronic	7.5	USD	FRPL	3.25	USD	FRPL	10.75	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	LAB	Mt Belvieu-ENT (non-TET), FP for OPIS - Financial Propane BALMO Swap Day 2	Fut	Electronic	7.5	USD	FRPL	3.25	USD	FRPL	10.75	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	LAC	Mt Belvieu-ENT (non-TET), FP for OPIS - Financial Propane BALMO Swap Day 3	Fut	Electronic	7.5	USD	FRPL	3.25	USD	FRPL	10.75	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	LAD	Mt Belvieu-ENT (non-TET), FP for OPIS - Financial Propane BALMO Swap Day 4	Fut	Electronic	7.5	USD	FRPL	3.25	USD	FRPL	10.75	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	LAE	Mt Belvieu-ENT (non-TET), FP for OPIS - Financial Propane BALMO Swap Day 5	Fut	Electronic	7.5	USD	FRPL	3.25	USD	FRPL	10.75	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	LAF	Mt Belvieu-ENT (non-TET), FP for OPIS - Financial Propane BALMO Swap Day 6	Fut	Electronic	7.5	USD	FRPL	3.25	USD	FRPL	10.75	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	LAG	Mt Belvieu-ENT (non-TET), FP for OPIS - Financial Propane BALMO Swap Day 7	Fut	Electronic	7.5	USD	FRPL	3.25	USD	FRPL	10.75	0.2	USD	FRPL

Exch Code	Exch Desc	Comm Group	Prod Code	Product Desc	F/O	Platform	Trd Fee	Trd Fee Cur	Trd Fee Meth	Clr Fee	Clr Fee Cur	Clr Fee Meth	Fee Total	Brk Fee	Brk Fee Cur	Brk Fee Meth
ICE	Intercontinental Exchange	Energy	LAH	Mt Belvieu-ENT (non-TET), FP for OPIS - Financial Propane BALMO Swap Day 8	Fut	Electronic	7.5	USD	FRPL	3.25	USD	FRPL	10.75	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	LAI	Mt Belvieu-ENT (non-TET), FP for OPIS - Financial Propane BALMO Swap Day 9	Fut	Electronic	7.5	USD	FRPL	3.25	USD	FRPL	10.75	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	LAJ	Mt Belvieu-ENT (non-TET), FP for OPIS - Financial Propane BALMO Swap Day 10	Fut	Electronic	7.5	USD	FRPL	3.25	USD	FRPL	10.75	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	LAK	Mt Belvieu-ENT (non-TET), FP for OPIS - Financial Propane BALMO Swap Day 11	Fut	Electronic	7.5	USD	FRPL	3.25	USD	FRPL	10.75	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	LAL	Mt Belvieu-ENT (non-TET), FP for OPIS - Financial Propane BALMO Swap Day 12	Fut	Electronic	7.5	USD	FRPL	3.25	USD	FRPL	10.75	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	LAM	Mt Belvieu-ENT (non-TET), FP for OPIS - Financial Propane BALMO Swap Day 13	Fut	Electronic	7.5	USD	FRPL	3.25	USD	FRPL	10.75	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	LAN	Mt Belvieu-ENT (non-TET), FP for OPIS - Financial Propane BALMO Swap Day 14	Fut	Electronic	7.5	USD	FRPL	3.25	USD	FRPL	10.75	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	LAO	Mt Belvieu-ENT (non-TET), FP for OPIS - Financial Propane BALMO Swap Day 15	Fut	Electronic	7.5	USD	FRPL	3.25	USD	FRPL	10.75	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	LAP	Mt Belvieu-ENT (non-TET), FP for OPIS - Financial Propane BALMO Swap Day 16	Fut	Electronic	7.5	USD	FRPL	3.25	USD	FRPL	10.75	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	LAQ	Mt Belvieu-ENT (non-TET), FP for OPIS - Financial Propane BALMO Swap Day 17	Fut	Electronic	7.5	USD	FRPL	3.25	USD	FRPL	10.75	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	LAR	Mt Belvieu-ENT (non-TET), FP for OPIS - Financial Propane BALMO Swap Day 18	Fut	Electronic	7.5	USD	FRPL	3.25	USD	FRPL	10.75	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	LAS	Mt Belvieu-ENT (non-TET), FP for OPIS - Financial Propane BALMO Swap Day 19	Fut	Electronic	7.5	USD	FRPL	3.25	USD	FRPL	10.75	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	LAT	Mt Belvieu-ENT (non-TET), FP for OPIS - Financial Propane BALMO Swap Day 20	Fut	Electronic	7.5	USD	FRPL	3.25	USD	FRPL	10.75	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	LAU	Mt Belvieu-ENT (non-TET), FP for OPIS - Financial Propane BALMO Swap Day 21	Fut	Electronic	7.5	USD	FRPL	3.25	USD	FRPL	10.75	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	LAV	Mt Belvieu-ENT (non-TET), FP for OPIS - Financial Propane BALMO Swap Day 22	Fut	Electronic	7.5	USD	FRPL	3.25	USD	FRPL	10.75	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	LAW	Mt Belvieu-ENT (non-TET), FP for OPIS - Financial Propane BALMO Swap Day 23	Fut	Electronic	7.5	USD	FRPL	3.25	USD	FRPL	10.75	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	LAX	Mt Belvieu-ENT (non-TET), FP for OPIS - Financial Propane BALMO Swap Day 24	Fut	Electronic	7.5	USD	FRPL	3.25	USD	FRPL	10.75	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	LAY	Mt Belvieu-ENT (non-TET), FP for OPIS - Financial Propane BALMO Swap Day 25	Fut	Electronic	7.5	USD	FRPL	3.25	USD	FRPL	10.75	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	LAZ	Mt Belvieu-ENT (non-TET), FP for OPIS - Financial Propane BALMO Swap Day 26	Fut	Electronic	7.5	USD	FRPL	3.25	USD	FRPL	10.75	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	LBA	Mt Belvieu-ENT (non-TET), FP for OPIS - Financial Propane BALMO Swap Day 27	Fut	Electronic	7.5	USD	FRPL	3.25	USD	FRPL	10.75	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	LBB	Mt Belvieu-ENT (non-TET), FP for OPIS - Financial Propane BALMO Swap Day 28	Fut	Electronic	7.5	USD	FRPL	3.25	USD	FRPL	10.75	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	LBC	Mt Belvieu-ENT (non-TET), FP for OPIS - Financial Propane BALMO Swap Day 29	Fut	Electronic	7.5	USD	FRPL	3.25	USD	FRPL	10.75	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	LBD	Mt Belvieu-ENT (non-TET), FP for OPIS - Financial Propane BALMO Swap Day 30	Fut	Electronic	7.5	USD	FRPL	3.25	USD	FRPL	10.75	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	LBE	Mt Belvieu-ENT (non-TET), FP for OPIS - Financial Propane BALMO Swap Day 31	Fut	Electronic	7.5	USD	FRPL	3.25	USD	FRPL	10.75	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	LBN	Lebanon Financial Swing	Fut	Electronic	0.14	USD	FRPL	0.52	USD	FRPL	0.66	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	LCA	Mt Belvieu - LST (TET), FP for OPIS - Financial Propane BALMO Swap Day 1	Fut	Electronic	7.5	USD	FRPL	3.25	USD	FRPL	10.75	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	LCB	Mt Belvieu - LST (TET), FP for OPIS - Financial Propane BALMO Swap Day 2	Fut	Electronic	7.5	USD	FRPL	3.25	USD	FRPL	10.75	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	LCC	Mt Belvieu - LST (TET), FP for OPIS - Financial Propane BALMO Swap Day 3	Fut	Electronic	7.5	USD	FRPL	3.25	USD	FRPL	10.75	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	LCD	Mt Belvieu - LST (TET), FP for OPIS - Financial Propane BALMO Swap Day 4	Fut	Electronic	7.5	USD	FRPL	3.25	USD	FRPL	10.75	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	LCE	Mt Belvieu - LST (TET), FP for OPIS - Financial Propane BALMO Swap Day 5	Fut	Electronic	7.5	USD	FRPL	3.25	USD	FRPL	10.75	0.2	USD	FRPL

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ICE	Intercontinental Exchange	Energy	LCF	Mt Belvieu - LST (TET), FP for OPIS - Financial Propane BALMO Swap Day 6	Fut	Electronic	7.5	USD	FRPL	3.25	USD	FRPL	10.75	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	LCG	Mt Belvieu - LST (TET), FP for OPIS - Financial Propane BALMO Swap Day 7	Fut	Electronic	7.5	USD	FRPL	3.25	USD	FRPL	10.75	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	LCH	Mt Belvieu - LST (TET), FP for OPIS - Financial Propane BALMO Swap Day 8	Fut	Electronic	7.5	USD	FRPL	3.25	USD	FRPL	10.75	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	LCI	Mt Belvieu - LST (TET), FP for OPIS - Financial Propane BALMO Swap Day 9	Fut	Electronic	7.5	USD	FRPL	3.25	USD	FRPL	10.75	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	LCJ	Mt Belvieu - LST (TET), FP for OPIS - Financial Propane BALMO Swap Day 10	Fut	Electronic	7.5	USD	FRPL	3.25	USD	FRPL	10.75	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	LCK	Mt Belvieu - LST (TET), FP for OPIS - Financial Propane BALMO Swap Day 11	Fut	Electronic	7.5	USD	FRPL	3.25	USD	FRPL	10.75	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	LCL	Mt Belvieu - LST (TET), FP for OPIS - Financial Propane BALMO Swap Day 12	Fut	Electronic	7.5	USD	FRPL	3.25	USD	FRPL	10.75	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	LCM	Mt Belvieu - LST (TET), FP for OPIS - Financial Propane BALMO Swap Day 13	Fut	Electronic	7.5	USD	FRPL	3.25	USD	FRPL	10.75	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	LCN	Mt Belvieu - LST (TET), FP for OPIS - Financial Propane BALMO Swap Day 14	Fut	Electronic	7.5	USD	FRPL	3.25	USD	FRPL	10.75	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	LCO	Mt Belvieu - LST (TET), FP for OPIS - Financial Propane BALMO Swap Day 15	Fut	Electronic	7.5	USD	FRPL	3.25	USD	FRPL	10.75	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	LCP	Mt Belvieu - LST (TET), FP for OPIS - Financial Propane BALMO Swap Day 16	Fut	Electronic	7.5	USD	FRPL	3.25	USD	FRPL	10.75	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	LCQ	Mt Belvieu - LST (TET), FP for OPIS - Financial Propane BALMO Swap Day 17	Fut	Electronic	7.5	USD	FRPL	3.25	USD	FRPL	10.75	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	LCR	Mt Belvieu - LST (TET), FP for OPIS - Financial Propane BALMO Swap Day 18	Fut	Electronic	7.5	USD	FRPL	3.25	USD	FRPL	10.75	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	LCS	Mt Belvieu - LST (TET), FP for OPIS - Financial Propane BALMO Swap Day 19	Fut	Electronic	7.5	USD	FRPL	3.25	USD	FRPL	10.75	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	LCT	Mt Belvieu - LST (TET), FP for OPIS - Financial Propane BALMO Swap Day 20	Fut	Electronic	7.5	USD	FRPL	3.25	USD	FRPL	10.75	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	LCU	Mt Belvieu - LST (TET), FP for OPIS - Financial Propane BALMO Swap Day 21	Fut	Electronic	7.5	USD	FRPL	3.25	USD	FRPL	10.75	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	LCV	Mt Belvieu - LST (TET), FP for OPIS - Financial Propane BALMO Swap Day 22	Fut	Electronic	7.5	USD	FRPL	3.25	USD	FRPL	10.75	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	LCW	Mt Belvieu - LST (TET), FP for OPIS - Financial Propane BALMO Swap Day 23	Fut	Electronic	7.5	USD	FRPL	3.25	USD	FRPL	10.75	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	LCX	Mt Belvieu - LST (TET), FP for OPIS - Financial Propane BALMO Swap Day 24	Fut	Electronic	7.5	USD	FRPL	3.25	USD	FRPL	10.75	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	LCY	Mt Belvieu - LST (TET), FP for OPIS - Financial Propane BALMO Swap Day 25	Fut	Electronic	7.5	USD	FRPL	3.25	USD	FRPL	10.75	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	LCZ	Mt Belvieu - LST (TET), FP for OPIS - Financial Propane BALMO Swap Day 26	Fut	Electronic	7.5	USD	FRPL	3.25	USD	FRPL	10.75	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	LDA	Mt Belvieu - LST (TET), FP for OPIS - Financial Propane BALMO Swap Day 27	Fut	Electronic	7.5	USD	FRPL	3.25	USD	FRPL	10.75	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	LDB	Mt Belvieu - LST (TET), FP for OPIS - Financial Propane BALMO Swap Day 28	Fut	Electronic	7.5	USD	FRPL	3.25	USD	FRPL	10.75	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	LDC	Mt Belvieu - LST (TET), FP for OPIS - Financial Propane BALMO Swap Day 29	Fut	Electronic	7.5	USD	FRPL	3.25	USD	FRPL	10.75	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	LDD	Mt Belvieu - LST (TET), FP for OPIS - Financial Propane BALMO Swap Day 30	Fut	Electronic	7.5	USD	FRPL	3.25	USD	FRPL	10.75	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	LDE	Mt Belvieu - LST (TET), FP for OPIS - Financial Propane BALMO Swap Day 31	Fut	Electronic	7.5	USD	FRPL	3.25	USD	FRPL	10.75	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	LEA	Mt Belvieu, FP for OPIS - Financial N-BUTISO BALMO Swap Day 1	Fut	Electronic	7.5	USD	FRPL	3.25	USD	FRPL	10.75	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	LEB	Mt Belvieu, FP for OPIS - Financial N-BUTISO BALMO Swap Day 2	Fut	Electronic	7.5	USD	FRPL	3.25	USD	FRPL	10.75	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	LEC	Mt Belvieu, FP for OPIS - Financial N-BUTISO BALMO Swap Day 3	Fut	Electronic	7.5	USD	FRPL	3.25	USD	FRPL	10.75	0.2	USD	FRPL

Exch Code	Exch Desc	Comm Group	Prod Code	Product Desc	F/O	Platform	Trd Fee	Trd Fee Cur	Trd Fee Meth	Clr Fee	Clr Fee Cur	Clr Fee Meth	Fee Total	Brk Fee	Brk Fee Cur	Brk Fee Meth
ICE	Intercontinental Exchange	Energy	LED	Mt Belvieu, FP for OPIS - Financial N-BUTISO BALMO Swap Day 4	Fut	Electronic	7.5	USD	FRPL	3.25	USD	FRPL	10.75	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	LEE	Mt Belvieu, FP for OPIS - Financial N-BUTISO BALMO Swap Day 5	Fut	Electronic	7.5	USD	FRPL	3.25	USD	FRPL	10.75	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	LEF	Mt Belvieu, FP for OPIS - Financial N-BUTISO BALMO Swap Day 6	Fut	Electronic	7.5	USD	FRPL	3.25	USD	FRPL	10.75	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	LEG	Mt Belvieu, FP for OPIS - Financial N-BUTISO BALMO Swap Day 7	Fut	Electronic	7.5	USD	FRPL	3.25	USD	FRPL	10.75	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	LEH	Mt Belvieu, FP for OPIS - Financial N-BUTISO BALMO Swap Day 8	Fut	Electronic	7.5	USD	FRPL	3.25	USD	FRPL	10.75	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	LEI	Mt Belvieu, FP for OPIS - Financial N-BUTISO BALMO Swap Day 9	Fut	Electronic	7.5	USD	FRPL	3.25	USD	FRPL	10.75	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	LEJ	Mt Belvieu, FP for OPIS - Financial N-BUTISO BALMO Swap Day 10	Fut	Electronic	7.5	USD	FRPL	3.25	USD	FRPL	10.75	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	LEK	Mt Belvieu, FP for OPIS - Financial N-BUTISO BALMO Swap Day 11	Fut	Electronic	7.5	USD	FRPL	3.25	USD	FRPL	10.75	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	LEL	Mt Belvieu, FP for OPIS - Financial N-BUTISO BALMO Swap Day 12	Fut	Electronic	7.5	USD	FRPL	3.25	USD	FRPL	10.75	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	LEM	Mt Belvieu, FP for OPIS - Financial N-BUTISO BALMO Swap Day 13	Fut	Electronic	7.5	USD	FRPL	3.25	USD	FRPL	10.75	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	LEN	Mt Belvieu, FP for OPIS - Financial N-BUTISO BALMO Swap Day 14	Fut	Electronic	7.5	USD	FRPL	3.25	USD	FRPL	10.75	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	LEO	Mt Belvieu, FP for OPIS - Financial N-BUTISO BALMO Swap Day 15	Fut	Electronic	7.5	USD	FRPL	3.25	USD	FRPL	10.75	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	LEP	Mt Belvieu, FP for OPIS - Financial N-BUTISO BALMO Swap Day 16	Fut	Electronic	7.5	USD	FRPL	3.25	USD	FRPL	10.75	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	LEQ	Mt Belvieu, FP for OPIS - Financial N-BUTISO BALMO Swap Day 17	Fut	Electronic	7.5	USD	FRPL	3.25	USD	FRPL	10.75	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	LER	Mt Belvieu, FP for OPIS - Financial N-BUTISO BALMO Swap Day 18	Fut	Electronic	7.5	USD	FRPL	3.25	USD	FRPL	10.75	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	LES	Mt Belvieu, FP for OPIS - Financial N-BUTISO BALMO Swap Day 19	Fut	Electronic	7.5	USD	FRPL	3.25	USD	FRPL	10.75	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	LET	Mt Belvieu, FP for OPIS - Financial N-BUTISO BALMO Swap Day 20	Fut	Electronic	7.5	USD	FRPL	3.25	USD	FRPL	10.75	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	LEU	Mt Belvieu, FP for OPIS - Financial N-BUTISO BALMO Swap Day 21	Fut	Electronic	7.5	USD	FRPL	3.25	USD	FRPL	10.75	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	LEV	Mt Belvieu, FP for OPIS - Financial N-BUTISO BALMO Swap Day 22	Fut	Electronic	7.5	USD	FRPL	3.25	USD	FRPL	10.75	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	LEW	Mt Belvieu, FP for OPIS - Financial N-BUTISO BALMO Swap Day 23	Fut	Electronic	7.5	USD	FRPL	3.25	USD	FRPL	10.75	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	LEX	Mt Belvieu, FP for OPIS - Financial N-BUTISO BALMO Swap Day 24	Fut	Electronic	7.5	USD	FRPL	3.25	USD	FRPL	10.75	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	LEY	Mt Belvieu, FP for OPIS - Financial N-BUTISO BALMO Swap Day 25	Fut	Electronic	7.5	USD	FRPL	3.25	USD	FRPL	10.75	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	LEZ	Mt Belvieu, FP for OPIS - Financial N-BUTISO BALMO Swap Day 26	Fut	Electronic	7.5	USD	FRPL	3.25	USD	FRPL	10.75	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	LFA	Mt Belvieu, FP for OPIS - Financial N-BUTISO BALMO Swap Day 27	Fut	Electronic	7.5	USD	FRPL	3.25	USD	FRPL	10.75	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	LFB	Mt Belvieu, FP for OPIS - Financial N-BUTISO BALMO Swap Day 28	Fut	Electronic	7.5	USD	FRPL	3.25	USD	FRPL	10.75	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	LFC	Mt Belvieu, FP for OPIS - Financial N-BUTISO BALMO Swap Day 29	Fut	Electronic	7.5	USD	FRPL	3.25	USD	FRPL	10.75	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	LFD	Mt Belvieu, FP for OPIS - Financial N-BUTISO BALMO Swap Day 30	Fut	Electronic	7.5	USD	FRPL	3.25	USD	FRPL	10.75	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	LFE	Mt Belvieu, FP for OPIS - Financial N-BUTISO BALMO Swap Day 31	Fut	Electronic	7.5	USD	FRPL	3.25	USD	FRPL	10.75	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	LGA	Mt Belvieu-Ent Natgaso FP for OPIS Average Balmo Day 1	Fut	Electronic	7.5	USD	FRPL	3.25	USD	FRPL	10.75	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	LGB	Mt Belvieu-Ent Natgaso FP for OPIS Average Balmo Day 2	Fut	Electronic	7.5	USD	FRPL	3.25	USD	FRPL	10.75	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	LGC	Mt Belvieu-Ent Natgaso FP for OPIS Average Balmo Day 3	Fut	Electronic	7.5	USD	FRPL	3.25	USD	FRPL	10.75	0.2	USD	FRPL

Exch Code	Exch Desc	Comm Group	Prod Code	Product Desc	F/O	Platform	Trd Fee	Trd Fee Cur	Trd Fee Meth	Clr Fee	Clr Fee Cur	Clr Fee Meth	Fee Total	Brk Fee	Brk Fee Cur	Brk Fee Meth
ICE	Intercontinental Exchange	Energy	LGD	Mt Belvieu-Ent Natgaso FP for OPIS Average Balmo Day 4	Fut	Electronic	7.5	USD	FRPL	3.25	USD	FRPL	10.75	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	LGE	Mt Belvieu-Ent Natgaso FP for OPIS Average Balmo Day 5	Fut	Electronic	7.5	USD	FRPL	3.25	USD	FRPL	10.75	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	LGF	Mt Belvieu-Ent Natgaso FP for OPIS Average Balmo Day 6	Fut	Electronic	7.5	USD	FRPL	3.25	USD	FRPL	10.75	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	LGG	Mt Belvieu-Ent Natgaso FP for OPIS Average Balmo Day 7	Fut	Electronic	7.5	USD	FRPL	3.25	USD	FRPL	10.75	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	LGH	Mt Belvieu-Ent Natgaso FP for OPIS Average Balmo Day 8	Fut	Electronic	7.5	USD	FRPL	3.25	USD	FRPL	10.75	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	LGI	Mt Belvieu-Ent Natgaso FP for OPIS Average Balmo Day 9	Fut	Electronic	7.5	USD	FRPL	3.25	USD	FRPL	10.75	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	LGJ	Mt Belvieu-Ent Natgaso FP for OPIS Average Balmo Day 10	Fut	Electronic	7.5	USD	FRPL	3.25	USD	FRPL	10.75	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	LGK	Mt Belvieu-Ent Natgaso FP for OPIS Average Balmo Day 11	Fut	Electronic	7.5	USD	FRPL	3.25	USD	FRPL	10.75	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	LGL	Mt Belvieu-Ent Natgaso FP for OPIS Average Balmo Day 12	Fut	Electronic	7.5	USD	FRPL	3.25	USD	FRPL	10.75	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	LGM	Mt Belvieu-Ent Natgaso FP for OPIS Average Balmo Day 13	Fut	Electronic	7.5	USD	FRPL	3.25	USD	FRPL	10.75	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	LGN	Mt Belvieu-Ent Natgaso FP for OPIS Average Balmo Day 14	Fut	Electronic	7.5	USD	FRPL	3.25	USD	FRPL	10.75	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	LGO	Mt Belvieu-Ent Natgaso FP for OPIS Average Balmo Day 15	Fut	Electronic	7.5	USD	FRPL	3.25	USD	FRPL	10.75	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	LGP	Mt Belvieu-Ent Natgaso FP for OPIS Average Balmo Day 16	Fut	Electronic	7.5	USD	FRPL	3.25	USD	FRPL	10.75	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	LGQ	Mt Belvieu-Ent Natgaso FP for OPIS Average Balmo Day 17	Fut	Electronic	7.5	USD	FRPL	3.25	USD	FRPL	10.75	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	LGR	Mt Belvieu-Ent Natgaso FP for OPIS Average Balmo Day 18	Fut	Electronic	7.5	USD	FRPL	3.25	USD	FRPL	10.75	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	LGS	Mt Belvieu-Ent Natgaso FP for OPIS Average Balmo Day 19	Fut	Electronic	7.5	USD	FRPL	3.25	USD	FRPL	10.75	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	LGT	Mt Belvieu-Ent Natgaso FP for OPIS Average Balmo Day 20	Fut	Electronic	7.5	USD	FRPL	3.25	USD	FRPL	10.75	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	LGU	Mt Belvieu-Ent Natgaso FP for OPIS Average Balmo Day 21	Fut	Electronic	7.5	USD	FRPL	3.25	USD	FRPL	10.75	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	LGV	Mt Belvieu-Ent Natgaso FP for OPIS Average Balmo Day 22	Fut	Electronic	7.5	USD	FRPL	3.25	USD	FRPL	10.75	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	LGW	Mt Belvieu-Ent Natgaso FP for OPIS Average Balmo Day 23	Fut	Electronic	7.5	USD	FRPL	3.25	USD	FRPL	10.75	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	LGX	Mt Belvieu-Ent Natgaso FP for OPIS Average Balmo Day 24	Fut	Electronic	7.5	USD	FRPL	3.25	USD	FRPL	10.75	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	LGY	Mt Belvieu-Ent Natgaso FP for OPIS Average Balmo Day 25	Fut	Electronic	7.5	USD	FRPL	3.25	USD	FRPL	10.75	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	LGZ	Mt Belvieu-Ent Natgaso FP for OPIS Average Balmo Day 26	Fut	Electronic	7.5	USD	FRPL	3.25	USD	FRPL	10.75	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	LHA	Mt Belvieu-Ent Natgaso FP for OPIS Average Balmo Day 27	Fut	Electronic	7.5	USD	FRPL	3.25	USD	FRPL	10.75	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	LHB	Mt Belvieu-Ent Natgaso FP for OPIS Average Balmo Day 28	Fut	Electronic	7.5	USD	FRPL	3.25	USD	FRPL	10.75	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	LHC	Mt Belvieu-Ent Natgaso FP for OPIS Average Balmo Day 29	Fut	Electronic	7.5	USD	FRPL	3.25	USD	FRPL	10.75	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	LHD	Mt Belvieu-Ent Natgaso FP for OPIS Average Balmo Day 30	Fut	Electronic	7.5	USD	FRPL	3.25	USD	FRPL	10.75	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	LHE	Mt Belvieu-Ent Natgaso FP for OPIS Average Balmo Day 31	Fut	Electronic	7.5	USD	FRPL	3.25	USD	FRPL	10.75	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	LIA	Conway, FP for OPIS - Financial Propane BALMO Swap Day 1	Fut	Electronic	7.5	USD	FRPL	3.25	USD	FRPL	10.75	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	LIB	Conway, FP for OPIS - Financial Propane BALMO Swap Day 2	Fut	Electronic	7.5	USD	FRPL	3.25	USD	FRPL	10.75	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	LIC	Conway, FP for OPIS - Financial Propane BALMO Swap Day 3	Fut	Electronic	7.5	USD	FRPL	3.25	USD	FRPL	10.75	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	LID	Conway, FP for OPIS - Financial Propane BALMO Swap Day 4	Fut	Electronic	7.5	USD	FRPL	3.25	USD	FRPL	10.75	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	LIE	Conway, FP for OPIS - Financial Propane BALMO Swap Day 5	Fut	Electronic	7.5	USD	FRPL	3.25	USD	FRPL	10.75	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	LIF	Conway, FP for OPIS - Financial Propane BALMO Swap Day 6	Fut	Electronic	7.5	USD	FRPL	3.25	USD	FRPL	10.75	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	LIG	Conway, FP for OPIS - Financial Propane BALMO Swap Day 7	Fut	Electronic	7.5	USD	FRPL	3.25	USD	FRPL	10.75	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	LIH	Conway, FP for OPIS - Financial Propane BALMO Swap Day 8	Fut	Electronic	7.5	USD	FRPL	3.25	USD	FRPL	10.75	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	LII	Conway, FP for OPIS - Financial Propane BALMO Swap Day 9	Fut	Electronic	7.5	USD	FRPL	3.25	USD	FRPL	10.75	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	LIJ	Conway, FP for OPIS - Financial Propane BALMO Swap Day 10	Fut	Electronic	7.5	USD	FRPL	3.25	USD	FRPL	10.75	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	LIK	Conway, FP for OPIS - Financial Propane BALMO Swap Day 11	Fut	Electronic	7.5	USD	FRPL	3.25	USD	FRPL	10.75	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	LIL	Conway, FP for OPIS - Financial Propane BALMO Swap Day 12	Fut	Electronic	7.5	USD	FRPL	3.25	USD	FRPL	10.75	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	LIM	Conway, FP for OPIS - Financial Propane BALMO Swap Day 13	Fut	Electronic	7.5	USD	FRPL	3.25	USD	FRPL	10.75	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	LIN	Conway, FP for OPIS - Financial Propane BALMO Swap Day 14	Fut	Electronic	7.5	USD	FRPL	3.25	USD	FRPL	10.75	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	LIO	Conway, FP for OPIS - Financial Propane BALMO Swap Day 15	Fut	Electronic	7.5	USD	FRPL	3.25	USD	FRPL	10.75	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	LIP	Conway, FP for OPIS - Financial Propane BALMO Swap Day 16	Fut	Electronic	7.5	USD	FRPL	3.25	USD	FRPL	10.75	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	LIQ	Conway, FP for OPIS - Financial Propane BALMO Swap Day 17	Fut	Electronic	7.5	USD	FRPL	3.25	USD	FRPL	10.75	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	LIR	Conway, FP for OPIS - Financial Propane BALMO Swap Day 18	Fut	Electronic	7.5	USD	FRPL	3.25	USD	FRPL	10.75	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	LIS	Conway, FP for OPIS - Financial Propane BALMO Swap Day 19	Fut	Electronic	7.5	USD	FRPL	3.25	USD	FRPL	10.75	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	LIT	Conway, FP for OPIS - Financial Propane BALMO Swap Day 20	Fut	Electronic	7.5	USD	FRPL	3.25	USD	FRPL	10.75	0.2	USD	FRPL

Exch Code	Exch Desc	Comm Group	Prod Code	Product Desc	F/O	Platform	Trd Fee	Trd Fee Cur	Trd Fee Meth	Clr Fee	Clr Fee Cur	Clr Fee Meth	Fee Total	Brk Fee	Brk Fee Cur	Brk Fee Meth
ICE	Intercontinental Exchange	Energy	LIU	Conway, FP for OPIS - Financial Propane BALMO Swap Day 21	Fut	Electronic	7.5	USD	FRPL	3.25	USD	FRPL	10.75	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	LIV	Conway, FP for OPIS - Financial Propane BALMO Swap Day 22	Fut	Electronic	7.5	USD	FRPL	3.25	USD	FRPL	10.75	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	LIW	Conway, FP for OPIS - Financial Propane BALMO Swap Day 23	Fut	Electronic	7.5	USD	FRPL	3.25	USD	FRPL	10.75	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	LIX	Conway, FP for OPIS - Financial Propane BALMO Swap Day 24	Fut	Electronic	7.5	USD	FRPL	3.25	USD	FRPL	10.75	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	LIY	Conway, FP for OPIS - Financial Propane BALMO Swap Day 25	Fut	Electronic	7.5	USD	FRPL	3.25	USD	FRPL	10.75	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	LIZ	Conway, FP for OPIS - Financial Propane BALMO Swap Day 26	Fut	Electronic	7.5	USD	FRPL	3.25	USD	FRPL	10.75	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	LJA	Conway, FP for OPIS - Financial Propane BALMO Swap Day 27	Fut	Electronic	7.5	USD	FRPL	3.25	USD	FRPL	10.75	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	LJB	Conway, FP for OPIS - Financial Propane BALMO Swap Day 28	Fut	Electronic	7.5	USD	FRPL	3.25	USD	FRPL	10.75	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	LJC	Conway, FP for OPIS - Financial Propane BALMO Swap Day 29	Fut	Electronic	7.5	USD	FRPL	3.25	USD	FRPL	10.75	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	LJD	Conway, FP for OPIS - Financial Propane BALMO Swap Day 30	Fut	Electronic	7.5	USD	FRPL	3.25	USD	FRPL	10.75	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	LJE	Conway, FP for OPIS - Financial Propane BALMO Swap Day 31	Fut	Electronic	7.5	USD	FRPL	3.25	USD	FRPL	10.75	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	LJF	Conway, FP for OPIS - Financial Natgaso Balmo Day 1	Fut	Electronic	7.5	USD	FRPL	3.25	USD	FRPL	10.75	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	LJG	Conway, FP for OPIS - Financial Natgaso Balmo Day 2	Fut	Electronic	7.5	USD	FRPL	3.25	USD	FRPL	10.75	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	LJH	Conway, FP for OPIS - Financial Natgaso Balmo Day 3	Fut	Electronic	7.5	USD	FRPL	3.25	USD	FRPL	10.75	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	LJI	Conway, FP for OPIS - Financial Natgaso Balmo Day 4	Fut	Electronic	7.5	USD	FRPL	3.25	USD	FRPL	10.75	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	LJJ	Conway, FP for OPIS - Financial Natgaso Balmo Day 5	Fut	Electronic	7.5	USD	FRPL	3.25	USD	FRPL	10.75	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	LJK	Conway, FP for OPIS - Financial Natgaso Balmo Day 6	Fut	Electronic	7.5	USD	FRPL	3.25	USD	FRPL	10.75	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	LJL	Conway, FP for OPIS - Financial Natgaso Balmo Day 7	Fut	Electronic	7.5	USD	FRPL	3.25	USD	FRPL	10.75	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	LJM	Conway, FP for OPIS - Financial Natgaso Balmo Day 8	Fut	Electronic	7.5	USD	FRPL	3.25	USD	FRPL	10.75	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	LJN	Conway, FP for OPIS - Financial Natgaso Balmo Day 9	Fut	Electronic	7.5	USD	FRPL	3.25	USD	FRPL	10.75	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	LJO	Conway, FP for OPIS - Financial Natgaso Balmo Day 10	Fut	Electronic	7.5	USD	FRPL	3.25	USD	FRPL	10.75	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	LJP	Conway, FP for OPIS - Financial Natgaso Balmo Day 11	Fut	Electronic	7.5	USD	FRPL	3.25	USD	FRPL	10.75	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	LJQ	Conway, FP for OPIS - Financial Natgaso Balmo Day 12	Fut	Electronic	7.5	USD	FRPL	3.25	USD	FRPL	10.75	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	LJR	Conway, FP for OPIS - Financial Natgaso Balmo Day 13	Fut	Electronic	7.5	USD	FRPL	3.25	USD	FRPL	10.75	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	LJS	Conway, FP for OPIS - Financial Natgaso Balmo Day 14	Fut	Electronic	7.5	USD	FRPL	3.25	USD	FRPL	10.75	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	LJT	Conway, FP for OPIS - Financial Natgaso Balmo Day 15	Fut	Electronic	7.5	USD	FRPL	3.25	USD	FRPL	10.75	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	LJU	Conway, FP for OPIS - Financial Natgaso Balmo Day 16	Fut	Electronic	7.5	USD	FRPL	3.25	USD	FRPL	10.75	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	LJV	Conway, FP for OPIS - Financial Natgaso Balmo Day 17	Fut	Electronic	7.5	USD	FRPL	3.25	USD	FRPL	10.75	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	LJW	Conway, FP for OPIS - Financial Natgaso Balmo Day 18	Fut	Electronic	7.5	USD	FRPL	3.25	USD	FRPL	10.75	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	LJX	Conway, FP for OPIS - Financial Natgaso Balmo Day 19	Fut	Electronic	7.5	USD	FRPL	3.25	USD	FRPL	10.75	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	LJY	Conway, FP for OPIS - Financial Natgaso Balmo Day 20	Fut	Electronic	7.5	USD	FRPL	3.25	USD	FRPL	10.75	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	LJZ	Conway, FP for OPIS - Financial Natgaso Balmo Day 21	Fut	Electronic	7.5	USD	FRPL	3.25	USD	FRPL	10.75	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	LKA	Conway, FP for OPIS - Financial Natgaso Balmo Day 22	Fut	Electronic	7.5	USD	FRPL	3.25	USD	FRPL	10.75	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	LKB	Conway, FP for OPIS - Financial Natgaso Balmo Day 23	Fut	Electronic	7.5	USD	FRPL	3.25	USD	FRPL	10.75	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	LKC	Conway, FP for OPIS - Financial Natgaso Balmo Day 24	Fut	Electronic	7.5	USD	FRPL	3.25	USD	FRPL	10.75	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	LKD	Conway, FP for OPIS - Financial Natgaso Balmo Day 25	Fut	Electronic	7.5	USD	FRPL	3.25	USD	FRPL	10.75	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	LKE	Conway, FP for OPIS - Financial Natgaso Balmo Day 26	Fut	Electronic	7.5	USD	FRPL	3.25	USD	FRPL	10.75	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	LKF	Conway, FP for OPIS - Financial Natgaso Balmo Day 27	Fut	Electronic	7.5	USD	FRPL	3.25	USD	FRPL	10.75	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	LKG	Conway, FP for OPIS - Financial Natgaso Balmo Day 28	Fut	Electronic	7.5	USD	FRPL	3.25	USD	FRPL	10.75	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	LKH	Conway, FP for OPIS - Financial Natgaso Balmo Day 29	Fut	Electronic	7.5	USD	FRPL	3.25	USD	FRPL	10.75	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	LKI	Conway, FP for OPIS - Financial Natgaso Balmo Day 30	Fut	Electronic	7.5	USD	FRPL	3.25	USD	FRPL	10.75	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	LKJ	Conway, FP for OPIS - Financial Natgaso Balmo Day 31	Fut	Electronic	7.5	USD	FRPL	3.25	USD	FRPL	10.75	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	LKK	Conway, FP for OPIS - Financial Normal Butane D Grade Swap Balmo Day 1	Fut	Electronic	7.5	USD	FRPL	3.25	USD	FRPL	10.75	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	LKL	Conway, FP for OPIS - Financial Normal Butane D Grade Swap Balmo Day 2	Fut	Electronic	7.5	USD	FRPL	3.25	USD	FRPL	10.75	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	LKM	Conway, FP for OPIS - Financial Normal Butane D Grade Swap Balmo Day 3	Fut	Electronic	7.5	USD	FRPL	3.25	USD	FRPL	10.75	0.2	USD	FRPL

Exch Code	Exch Desc	Comm Group	Prod Code	Product Desc	F/O	Platform	Trd Fee	Trd Fee Cur	Trd Fee Meth	Clr Fee	Clr Fee Cur	Clr Fee Meth	Fee Total	Brk Fee	Brk Fee Cur	Brk Fee Meth
ICE	Intercontinental Exchange	Energy	LKN	Conway, FP for OPIS - Financial Normal Butane D Grade Swap Balmo Day 4	Fut	Electronic	7.5	USD	FRPL	3.25	USD	FRPL	10.75	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	LKO	Conway, FP for OPIS - Financial Normal Butane D Grade Swap Balmo Day 5	Fut	Electronic	7.5	USD	FRPL	3.25	USD	FRPL	10.75	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	LKP	Conway, FP for OPIS - Financial Normal Butane D Grade Swap Balmo Day 6	Fut	Electronic	7.5	USD	FRPL	3.25	USD	FRPL	10.75	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	LKQ	Conway, FP for OPIS - Financial Normal Butane D Grade Swap Balmo Day 7	Fut	Electronic	7.5	USD	FRPL	3.25	USD	FRPL	10.75	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	LKR	Conway, FP for OPIS - Financial Normal Butane D Grade Swap Balmo Day 8	Fut	Electronic	7.5	USD	FRPL	3.25	USD	FRPL	10.75	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	LKS	Conway, FP for OPIS - Financial Normal Butane D Grade Swap Balmo Day 9	Fut	Electronic	7.5	USD	FRPL	3.25	USD	FRPL	10.75	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	LKT	Conway, FP for OPIS - Financial Normal Butane D Grade Swap Balmo Day 10	Fut	Electronic	7.5	USD	FRPL	3.25	USD	FRPL	10.75	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	LKU	Conway, FP for OPIS - Financial Normal Butane D Grade Swap Balmo Day 11	Fut	Electronic	7.5	USD	FRPL	3.25	USD	FRPL	10.75	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	LKV	Conway, FP for OPIS - Financial Normal Butane D Grade Swap Balmo Day 12	Fut	Electronic	7.5	USD	FRPL	3.25	USD	FRPL	10.75	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	LKW	Conway, FP for OPIS - Financial Normal Butane D Grade Swap Balmo Day 13	Fut	Electronic	7.5	USD	FRPL	3.25	USD	FRPL	10.75	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	LKX	Conway, FP for OPIS - Financial Normal Butane D Grade Swap Balmo Day 14	Fut	Electronic	7.5	USD	FRPL	3.25	USD	FRPL	10.75	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	LKY	Conway, FP for OPIS - Financial Normal Butane D Grade Swap Balmo Day 15	Fut	Electronic	7.5	USD	FRPL	3.25	USD	FRPL	10.75	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	LKZ	Conway, FP for OPIS - Financial Normal Butane D Grade Swap Balmo Day 16	Fut	Electronic	7.5	USD	FRPL	3.25	USD	FRPL	10.75	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	LLA	Conway, FP for OPIS - Financial Normal Butane D Grade Swap Balmo Day 17	Fut	Electronic	7.5	USD	FRPL	3.25	USD	FRPL	10.75	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	LLB	Conway, FP for OPIS - Financial Normal Butane D Grade Swap Balmo Day 18	Fut	Electronic	7.5	USD	FRPL	3.25	USD	FRPL	10.75	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	LLC	Conway, FP for OPIS - Financial Normal Butane D Grade Swap Balmo Day 19	Fut	Electronic	7.5	USD	FRPL	3.25	USD	FRPL	10.75	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	LLD	Conway, FP for OPIS - Financial Normal Butane D Grade Swap Balmo Day 20	Fut	Electronic	7.5	USD	FRPL	3.25	USD	FRPL	10.75	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	LLE	Conway, FP for OPIS - Financial Normal Butane D Grade Swap Balmo Day 21	Fut	Electronic	7.5	USD	FRPL	3.25	USD	FRPL	10.75	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	LLF	Conway, FP for OPIS - Financial Normal Butane D Grade Swap Balmo Day 22	Fut	Electronic	7.5	USD	FRPL	3.25	USD	FRPL	10.75	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	LLG	Conway, FP for OPIS - Financial Normal Butane D Grade Swap Balmo Day 23	Fut	Electronic	7.5	USD	FRPL	3.25	USD	FRPL	10.75	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	LLH	Conway, FP for OPIS - Financial Normal Butane D Grade Swap Balmo Day 24	Fut	Electronic	7.5	USD	FRPL	3.25	USD	FRPL	10.75	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	LLI	Conway, FP for OPIS - Financial Normal Butane D Grade Swap Balmo Day 25	Fut	Electronic	7.5	USD	FRPL	3.25	USD	FRPL	10.75	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	LLJ	Conway, FP for OPIS - Financial Normal Butane D Grade Swap Balmo Day 26	Fut	Electronic	7.5	USD	FRPL	3.25	USD	FRPL	10.75	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	LLK	Conway, FP for OPIS - Financial Normal Butane D Grade Swap Balmo Day 27	Fut	Electronic	7.5	USD	FRPL	3.25	USD	FRPL	10.75	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	LLL	Conway, FP for OPIS - Financial Normal Butane D Grade Swap Balmo Day 28	Fut	Electronic	7.5	USD	FRPL	3.25	USD	FRPL	10.75	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	LLM	Conway, FP for OPIS - Financial Normal Butane D Grade Swap Balmo Day 29	Fut	Electronic	7.5	USD	FRPL	3.25	USD	FRPL	10.75	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	LLN	Conway, FP for OPIS - Financial Normal Butane D Grade Swap Balmo Day 30	Fut	Electronic	7.5	USD	FRPL	3.25	USD	FRPL	10.75	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	LLO	Conway, FP for OPIS - Financial Normal Butane D Grade Swap Balmo Day 31	Fut	Electronic	7.5	USD	FRPL	3.25	USD	FRPL	10.75	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	LLP	Argus Far East - Financial Propane Index Balmo Swap Day 1	Fut	Electronic	80	USD	FRPL	28	USD	FRPL	108	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	LLQ	Argus Far East - Financial Propane Index Balmo Swap Day 2	Fut	Electronic	80	USD	FRPL	28	USD	FRPL	108	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	LLR	Argus Far East - Financial Propane Index Balmo Swap Day 3	Fut	Electronic	80	USD	FRPL	28	USD	FRPL	108	0.2	USD	FRPL

Exch Code	Exch Desc	Comm Group	Prod Code	Product Desc	F/O	Platform	Trd Fee	Trd Fee Cur	Trd Fee Meth	Clr Fee	Clr Fee Cur	Clr Fee Meth	Fee Total	Brk Fee	Brk Fee Cur	Brk Fee Meth
ICE	Intercontinental Exchange	Energy	LLS	Argus Far East - Financial Propane Index Balmo Swap Day 4	Fut	Electronic	80	USD	FRPL	28	USD	FRPL	108	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	LLT	Argus Far East - Financial Propane Index Balmo Swap Day 5	Fut	Electronic	80	USD	FRPL	28	USD	FRPL	108	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	LLU	Argus Far East - Financial Propane Index Balmo Swap Day 6	Fut	Electronic	80	USD	FRPL	28	USD	FRPL	108	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	LLV	Argus Far East - Financial Propane Index Balmo Swap Day 7	Fut	Electronic	80	USD	FRPL	28	USD	FRPL	108	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	LLW	Argus Far East - Financial Propane Index Balmo Swap Day 8	Fut	Electronic	80	USD	FRPL	28	USD	FRPL	108	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	LLX	Argus Far East - Financial Propane Index Balmo Swap Day 9	Fut	Electronic	80	USD	FRPL	28	USD	FRPL	108	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	LLY	Argus Far East - Financial Propane Index Balmo Swap Day 10	Fut	Electronic	80	USD	FRPL	28	USD	FRPL	108	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	LLZ	Argus Far East - Financial Propane Index Balmo Swap Day 11	Fut	Electronic	80	USD	FRPL	28	USD	FRPL	108	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	LMA	Argus Far East - Financial Propane Index Balmo Swap Day 12	Fut	Electronic	80	USD	FRPL	28	USD	FRPL	108	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	LMB	Argus Far East - Financial Propane Index Balmo Swap Day 13	Fut	Electronic	80	USD	FRPL	28	USD	FRPL	108	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	LMC	Argus Far East - Financial Propane Index Balmo Swap Day 14	Fut	Electronic	80	USD	FRPL	28	USD	FRPL	108	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	LMD	Argus Far East - Financial Propane Index Balmo Swap Day 15	Fut	Electronic	80	USD	FRPL	28	USD	FRPL	108	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	LME	Argus Far East - Financial Propane Index Balmo Swap Day 16	Fut	Electronic	80	USD	FRPL	28	USD	FRPL	108	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	LMF	Argus Far East - Financial Propane Index Balmo Swap Day 17	Fut	Electronic	80	USD	FRPL	28	USD	FRPL	108	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	LMG	Argus Far East - Financial Propane Index Balmo Swap Day 18	Fut	Electronic	80	USD	FRPL	28	USD	FRPL	108	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	LMH	Argus Far East - Financial Propane Index Balmo Swap Day 19	Fut	Electronic	80	USD	FRPL	28	USD	FRPL	108	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	LMI	Argus Far East - Financial Propane Index Balmo Swap Day 20	Fut	Electronic	80	USD	FRPL	28	USD	FRPL	108	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	LMJ	Argus Far East - Financial Propane Index Balmo Swap Day 21	Fut	Electronic	80	USD	FRPL	28	USD	FRPL	108	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	LMK	Argus Far East - Financial Propane Index Balmo Swap Day 22	Fut	Electronic	80	USD	FRPL	28	USD	FRPL	108	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	LML	Argus Far East - Financial Propane Index Balmo Swap Day 23	Fut	Electronic	80	USD	FRPL	28	USD	FRPL	108	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	LMM	Argus Far East - Financial Propane Index Balmo Swap Day 24	Fut	Electronic	80	USD	FRPL	28	USD	FRPL	108	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	LMN	Argus Far East - Financial Propane Index Balmo Swap Day 25	Fut	Electronic	80	USD	FRPL	28	USD	FRPL	108	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	LMO	Argus Far East - Financial Propane Index Balmo Swap Day 26	Fut	Electronic	80	USD	FRPL	28	USD	FRPL	108	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	LMP	Argus Far East - Financial Propane Index Balmo Swap Day 27	Fut	Electronic	80	USD	FRPL	28	USD	FRPL	108	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	LMQ	Argus Far East - Financial Propane Index Balmo Swap Day 28	Fut	Electronic	80	USD	FRPL	28	USD	FRPL	108	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	LMR	Argus Far East - Financial Propane Index Balmo Swap Day 29	Fut	Electronic	80	USD	FRPL	28	USD	FRPL	108	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	LMS	Argus Far East - Financial Propane Index Balmo Swap Day 30	Fut	Electronic	80	USD	FRPL	28	USD	FRPL	108	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	LMT	Argus Far East - Financial Propane Index Balmo Swap Day 31	Fut	Electronic	80	USD	FRPL	28	USD	FRPL	108	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	LMU	Argus CIF ARA Large Cargo - Financial Propane Balmo Swap Day 1	Fut	Electronic	80	USD	FRPL	28	USD	FRPL	108	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	LMV	Argus CIF ARA Large Cargo - Financial Propane Balmo Swap Day 2	Fut	Electronic	80	USD	FRPL	28	USD	FRPL	108	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	LMW	Argus CIF ARA Large Cargo - Financial Propane Balmo Swap Day 3	Fut	Electronic	80	USD	FRPL	28	USD	FRPL	108	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	LMX	Argus CIF ARA Large Cargo - Financial Propane Balmo Swap Day 4	Fut	Electronic	80	USD	FRPL	28	USD	FRPL	108	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	LMY	Argus CIF ARA Large Cargo - Financial Propane Balmo Swap Day 5	Fut	Electronic	80	USD	FRPL	28	USD	FRPL	108	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	LMZ	Argus CIF ARA Large Cargo - Financial Propane Balmo Swap Day 6	Fut	Electronic	80	USD	FRPL	28	USD	FRPL	108	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	LNA	Argus CIF ARA Large Cargo - Financial Propane Balmo Swap Day 7	Fut	Electronic	80	USD	FRPL	28	USD	FRPL	108	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	LNB	Argus CIF ARA Large Cargo - Financial Propane Balmo Swap Day 8	Fut	Electronic	80	USD	FRPL	28	USD	FRPL	108	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	LNC	Argus CIF ARA Large Cargo - Financial Propane Balmo Swap Day 9	Fut	Electronic	80	USD	FRPL	28	USD	FRPL	108	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	LND	Argus CIF ARA Large Cargo - Financial Propane Balmo Swap Day 10	Fut	Electronic	80	USD	FRPL	28	USD	FRPL	108	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	LNE	Argus CIF ARA Large Cargo - Financial Propane Balmo Swap Day 11	Fut	Electronic	80	USD	FRPL	28	USD	FRPL	108	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	LNF	Argus CIF ARA Large Cargo - Financial Propane Balmo Swap Day 12	Fut	Electronic	80	USD	FRPL	28	USD	FRPL	108	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	LNG	Argus CIF ARA Large Cargo - Financial Propane Balmo Swap Day 13	Fut	Electronic	80	USD	FRPL	28	USD	FRPL	108	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	LNH	Argus CIF ARA Large Cargo - Financial Propane Balmo Swap Day 14	Fut	Electronic	80	USD	FRPL	28	USD	FRPL	108	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	LNI	Argus CIF ARA Large Cargo - Financial Propane Balmo Swap Day 15	Fut	Electronic	80	USD	FRPL	28	USD	FRPL	108	0.2	USD	FRPL

Exch Code	Exch Desc	Comm Group	Prod Code	Product Desc	F/O	Platform	Trd Fee	Trd Fee Cur	Trd Fee Meth	Clr Fee	Clr Fee Cur	Clr Fee Meth	Fee Total	Brk Fee	Brk Fee Cur	Brk Fee Meth
ICE	Intercontinental Exchange	Energy	LNJ	Argus CIF ARA Large Cargo - Financial Propane Balmo Swap Day 16	Fut	Electronic	80	USD	FRPL	28	USD	FRPL	108	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	LNK	Argus CIF ARA Large Cargo - Financial Propane Balmo Swap Day 17	Fut	Electronic	80	USD	FRPL	28	USD	FRPL	108	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	LNL	Argus CIF ARA Large Cargo - Financial Propane Balmo Swap Day 18	Fut	Electronic	80	USD	FRPL	28	USD	FRPL	108	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	LNM	Argus CIF ARA Large Cargo - Financial Propane Balmo Swap Day 19	Fut	Electronic	80	USD	FRPL	28	USD	FRPL	108	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	LNN	Argus CIF ARA Large Cargo - Financial Propane Balmo Swap Day 20	Fut	Electronic	80	USD	FRPL	28	USD	FRPL	108	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	LNO	Argus CIF ARA Large Cargo - Financial Propane Balmo Swap Day 21	Fut	Electronic	80	USD	FRPL	28	USD	FRPL	108	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	LNP	Argus CIF ARA Large Cargo - Financial Propane Balmo Swap Day 22	Fut	Electronic	80	USD	FRPL	28	USD	FRPL	108	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	LNQ	Argus CIF ARA Large Cargo - Financial Propane Balmo Swap Day 23	Fut	Electronic	80	USD	FRPL	28	USD	FRPL	108	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	LNR	Argus CIF ARA Large Cargo - Financial Propane Balmo Swap Day 24	Fut	Electronic	80	USD	FRPL	28	USD	FRPL	108	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	LNS	Argus CIF ARA Large Cargo - Financial Propane Balmo Swap Day 25	Fut	Electronic	80	USD	FRPL	28	USD	FRPL	108	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	LNT	Argus CIF ARA Large Cargo - Financial Propane Balmo Swap Day 26	Fut	Electronic	80	USD	FRPL	28	USD	FRPL	108	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	LNU	Argus CIF ARA Large Cargo - Financial Propane Balmo Swap Day 27	Fut	Electronic	80	USD	FRPL	28	USD	FRPL	108	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	LNV	Argus CIF ARA Large Cargo - Financial Propane Balmo Swap Day 28	Fut	Electronic	80	USD	FRPL	28	USD	FRPL	108	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	LNW	Argus CIF ARA Large Cargo - Financial Propane Balmo Swap Day 29	Fut	Electronic	80	USD	FRPL	28	USD	FRPL	108	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	LNX	Argus CIF ARA Large Cargo - Financial Propane Balmo Swap Day 30	Fut	Electronic	80	USD	FRPL	28	USD	FRPL	108	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	LNY	Argus CIF ARA Large Cargo - Financial Propane Balmo Swap Day 31	Fut	Electronic	80	USD	FRPL	28	USD	FRPL	108	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	LNZ	Financial E-P Cont - Mt. Belvieu-ENT, FP for OPIS Balmo Swap Day 1	Fut	Electronic	7.5	USD	FRPL	3.25	USD	FRPL	10.75	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	LOA	Financial E-P Cont - Mt. Belvieu-ENT, FP for OPIS Balmo Swap Day 2	Fut	Electronic	7.5	USD	FRPL	3.25	USD	FRPL	10.75	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	LOB	Financial E-P Cont - Mt. Belvieu-ENT, FP for OPIS Balmo Swap Day 3	Fut	Electronic	7.5	USD	FRPL	3.25	USD	FRPL	10.75	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	LOC	Financial E-P Cont - Mt. Belvieu-ENT, FP for OPIS Balmo Swap Day 4	Fut	Electronic	7.5	USD	FRPL	3.25	USD	FRPL	10.75	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	LOD	Financial E-P Cont - Mt. Belvieu-ENT, FP for OPIS Balmo Swap Day 5	Fut	Electronic	7.5	USD	FRPL	3.25	USD	FRPL	10.75	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	LOE	Financial E-P Cont - Mt. Belvieu-ENT, FP for OPIS Balmo Swap Day 6	Fut	Electronic	7.5	USD	FRPL	3.25	USD	FRPL	10.75	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	LOF	Financial E-P Cont - Mt. Belvieu-ENT, FP for OPIS Balmo Swap Day 7	Fut	Electronic	7.5	USD	FRPL	3.25	USD	FRPL	10.75	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	LOG	Financial E-P Cont - Mt. Belvieu-ENT, FP for OPIS Balmo Swap Day 8	Fut	Electronic	7.5	USD	FRPL	3.25	USD	FRPL	10.75	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	LOH	Financial E-P Cont - Mt. Belvieu-ENT, FP for OPIS Balmo Swap Day 9	Fut	Electronic	7.5	USD	FRPL	3.25	USD	FRPL	10.75	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	LOI	Financial E-P Cont - Mt. Belvieu-ENT, FP for OPIS Balmo Swap Day 10	Fut	Electronic	7.5	USD	FRPL	3.25	USD	FRPL	10.75	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	LOJ	Financial E-P Cont - Mt. Belvieu-ENT, FP for OPIS Balmo Swap Day 11	Fut	Electronic	7.5	USD	FRPL	3.25	USD	FRPL	10.75	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	LOK	Financial E-P Cont - Mt. Belvieu-ENT, FP for OPIS Balmo Swap Day 12	Fut	Electronic	7.5	USD	FRPL	3.25	USD	FRPL	10.75	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	LOL	Financial E-P Cont - Mt. Belvieu-ENT, FP for OPIS Balmo Swap Day 13	Fut	Electronic	7.5	USD	FRPL	3.25	USD	FRPL	10.75	0.2	USD	FRPL

Exch Code	Exch Desc	Comm Group	Prod Code	Product Desc	F/O	Platform	Trd Fee	Trd Fee Cur	Trd Fee Meth	Clr Fee	Clr Fee Cur	Clr Fee Meth	Fee Total	Brk Fee	Brk Fee Cur	Brk Fee Meth
ICE	Intercontinental Exchange	Energy	LOM	Financial E-P Cont - Mt. Belvieu-ENT, FP for OPIS Balmo Swap Day 14	Fut	Electronic	7.5	USD	FRPL	3.25	USD	FRPL	10.75	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	LON	Financial E-P Cont - Mt. Belvieu-ENT, FP for OPIS Balmo Swap Day 15	Fut	Electronic	7.5	USD	FRPL	3.25	USD	FRPL	10.75	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	LOO	Financial E-P Cont - Mt. Belvieu-ENT, FP for OPIS Balmo Swap Day 16	Fut	Electronic	7.5	USD	FRPL	3.25	USD	FRPL	10.75	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	LOP	Financial E-P Cont - Mt. Belvieu-ENT, FP for OPIS Balmo Swap Day 17	Fut	Electronic	7.5	USD	FRPL	3.25	USD	FRPL	10.75	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	LOQ	Financial E-P Cont - Mt. Belvieu-ENT, FP for OPIS Balmo Swap Day 18	Fut	Electronic	7.5	USD	FRPL	3.25	USD	FRPL	10.75	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	LOR	Financial E-P Cont - Mt. Belvieu-ENT, FP for OPIS Balmo Swap Day 19	Fut	Electronic	7.5	USD	FRPL	3.25	USD	FRPL	10.75	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	LOS	Financial E-P Cont - Mt. Belvieu-ENT, FP for OPIS Balmo Swap Day 20	Fut	Electronic	7.5	USD	FRPL	3.25	USD	FRPL	10.75	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	LOT	Financial E-P Cont - Mt. Belvieu-ENT, FP for OPIS Balmo Swap Day 21	Fut	Electronic	7.5	USD	FRPL	3.25	USD	FRPL	10.75	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	LOU	Financial E-P Cont - Mt. Belvieu-ENT, FP for OPIS Balmo Swap Day 22	Fut	Electronic	7.5	USD	FRPL	3.25	USD	FRPL	10.75	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	LOV	Financial E-P Cont - Mt. Belvieu-ENT, FP for OPIS Balmo Swap Day 23	Fut	Electronic	7.5	USD	FRPL	3.25	USD	FRPL	10.75	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	LOW	Financial E-P Cont - Mt. Belvieu-ENT, FP for OPIS Balmo Swap Day 24	Fut	Electronic	7.5	USD	FRPL	3.25	USD	FRPL	10.75	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	LOX	Financial E-P Cont - Mt. Belvieu-ENT, FP for OPIS Balmo Swap Day 25	Fut	Electronic	7.5	USD	FRPL	3.25	USD	FRPL	10.75	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	LOY	Financial E-P Cont - Mt. Belvieu-ENT, FP for OPIS Balmo Swap Day 26	Fut	Electronic	7.5	USD	FRPL	3.25	USD	FRPL	10.75	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	LOZ	Financial E-P Cont - Mt. Belvieu-ENT, FP for OPIS Balmo Swap Day 27	Fut	Electronic	7.5	USD	FRPL	3.25	USD	FRPL	10.75	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	LPA	Financial E-P Cont - Mt. Belvieu-ENT, FP for OPIS Balmo Swap Day 28	Fut	Electronic	7.5	USD	FRPL	3.25	USD	FRPL	10.75	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	LPB	Financial E-P Cont - Mt. Belvieu-ENT, FP for OPIS Balmo Swap Day 29	Fut	Electronic	7.5	USD	FRPL	3.25	USD	FRPL	10.75	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	LPC	Financial E-P Cont - Mt. Belvieu-ENT, FP for OPIS Balmo Swap Day 30	Fut	Electronic	7.5	USD	FRPL	3.25	USD	FRPL	10.75	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	LPD	Financial E-P Cont - Mt. Belvieu-ENT, FP for OPIS Balmo Swap Day 31	Fut	Electronic	7.5	USD	FRPL	3.25	USD	FRPL	10.75	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	LPE	Financial E-P Cont - Conway, FP for OPIS Balmo Swap Day 1	Fut	Electronic	7.5	USD	FRPL	3.25	USD	FRPL	10.75	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	LPF	Financial E-P Cont - Conway, FP for OPIS Balmo Swap Day 2	Fut	Electronic	7.5	USD	FRPL	3.25	USD	FRPL	10.75	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	LPG	Financial E-P Cont - Conway, FP for OPIS Balmo Swap Day 3	Fut	Electronic	7.5	USD	FRPL	3.25	USD	FRPL	10.75	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	LPH	Financial E-P Cont - Conway, FP for OPIS Balmo Swap Day 4	Fut	Electronic	7.5	USD	FRPL	3.25	USD	FRPL	10.75	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	LPI	Financial E-P Cont - Conway, FP for OPIS Balmo Swap Day 5	Fut	Electronic	7.5	USD	FRPL	3.25	USD	FRPL	10.75	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	LPJ	Financial E-P Cont - Conway, FP for OPIS Balmo Swap Day 6	Fut	Electronic	7.5	USD	FRPL	3.25	USD	FRPL	10.75	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	LPK	Financial E-P Cont - Conway, FP for OPIS Balmo Swap Day 7	Fut	Electronic	7.5	USD	FRPL	3.25	USD	FRPL	10.75	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	LPL	Financial E-P Cont - Conway, FP for OPIS Balmo Swap Day 8	Fut	Electronic	7.5	USD	FRPL	3.25	USD	FRPL	10.75	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	LPM	Financial E-P Cont - Conway, FP for OPIS Balmo Swap Day 9	Fut	Electronic	7.5	USD	FRPL	3.25	USD	FRPL	10.75	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	LPN	Financial E-P Cont - Conway, FP for OPIS Balmo Swap Day 10	Fut	Electronic	7.5	USD	FRPL	3.25	USD	FRPL	10.75	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	LPO	Financial E-P Cont - Conway, FP for OPIS Balmo Swap Day 11	Fut	Electronic	7.5	USD	FRPL	3.25	USD	FRPL	10.75	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	LPP	Financial E-P Cont - Conway, FP for OPIS Balmo Swap Day 12	Fut	Electronic	7.5	USD	FRPL	3.25	USD	FRPL	10.75	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	LPQ	Financial E-P Cont - Conway, FP for OPIS Balmo Swap Day 13	Fut	Electronic	7.5	USD	FRPL	3.25	USD	FRPL	10.75	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	LPR	Financial E-P Cont - Conway, FP for OPIS Balmo Swap Day 14	Fut	Electronic	7.5	USD	FRPL	3.25	USD	FRPL	10.75	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	LPS	Financial E-P Cont - Conway, FP for OPIS Balmo Swap Day 15	Fut	Electronic	7.5	USD	FRPL	3.25	USD	FRPL	10.75	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	LPT	Financial E-P Cont - Conway, FP for OPIS Balmo Swap Day 16	Fut	Electronic	7.5	USD	FRPL	3.25	USD	FRPL	10.75	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	LPU	Financial E-P Cont - Conway, FP for OPIS Balmo Swap Day 17	Fut	Electronic	7.5	USD	FRPL	3.25	USD	FRPL	10.75	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	LPV	Financial E-P Cont - Conway, FP for OPIS Balmo Swap Day 18	Fut	Electronic	7.5	USD	FRPL	3.25	USD	FRPL	10.75	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	LPW	Financial E-P Cont - Conway, FP for OPIS Balmo Swap Day 19	Fut	Electronic	7.5	USD	FRPL	3.25	USD	FRPL	10.75	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	LPX	Financial E-P Cont - Conway, FP for OPIS Balmo Swap Day 20	Fut	Electronic	7.5	USD	FRPL	3.25	USD	FRPL	10.75	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	LPY	Financial E-P Cont - Conway, FP for OPIS Balmo Swap Day 21	Fut	Electronic	7.5	USD	FRPL	3.25	USD	FRPL	10.75	0.2	USD	FRPL

Exch Code	Exch Desc	Comm Group	Prod Code	Product Desc	F/O	Platform	Trd Fee	Trd Fee Cur	Trd Fee Meth	Clr Fee	Clr Fee Cur	Clr Fee Meth	Fee Total	Brk Fee	Brk Fee Cur	Brk Fee Meth
ICE	Intercontinental Exchange	Energy	LPZ	Financial E-P Cont - Conway, FP for OPIS Balmo Swap Day 22	Fut	Electronic	7.5	USD	FRPL	3.25	USD	FRPL	10.75	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	LQA	Financial E-P Cont - Conway, FP for OPIS Balmo Swap Day 23	Fut	Electronic	7.5	USD	FRPL	3.25	USD	FRPL	10.75	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	LQB	Financial E-P Cont - Conway, FP for OPIS Balmo Swap Day 24	Fut	Electronic	7.5	USD	FRPL	3.25	USD	FRPL	10.75	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	LQC	Financial E-P Cont - Conway, FP for OPIS Balmo Swap Day 25	Fut	Electronic	7.5	USD	FRPL	3.25	USD	FRPL	10.75	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	LQD	Financial E-P Cont - Conway, FP for OPIS Balmo Swap Day 26	Fut	Electronic	7.5	USD	FRPL	3.25	USD	FRPL	10.75	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	LQE	Financial E-P Cont - Conway, FP for OPIS Balmo Swap Day 27	Fut	Electronic	7.5	USD	FRPL	3.25	USD	FRPL	10.75	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	LQF	Financial E-P Cont - Conway, FP for OPIS Balmo Swap Day 28	Fut	Electronic	7.5	USD	FRPL	3.25	USD	FRPL	10.75	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	LQG	Financial E-P Cont - Conway, FP for OPIS Balmo Swap Day 29	Fut	Electronic	7.5	USD	FRPL	3.25	USD	FRPL	10.75	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	LQH	Financial E-P Cont - Conway, FP for OPIS Balmo Swap Day 30	Fut	Electronic	7.5	USD	FRPL	3.25	USD	FRPL	10.75	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	LQI	Financial E-P Cont - Conway, FP for OPIS Balmo Swap Day 31	Fut	Electronic	7.5	USD	FRPL	3.25	USD	FRPL	10.75	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	LRN	Mt Belvieu-LST, FP for OPIS - Financial N-BUTREF Balmo Swap Day 1	Fut	Electronic	7.5	USD	FRPL	3.25	USD	FRPL	10.75	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	LRO	Mt Belvieu-LST, FP for OPIS - Financial N-BUTREF Balmo Swap Day 2	Fut	Electronic	7.5	USD	FRPL	3.25	USD	FRPL	10.75	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	LRP	Mt Belvieu-LST, FP for OPIS - Financial N-BUTREF Balmo Swap Day 3	Fut	Electronic	7.5	USD	FRPL	3.25	USD	FRPL	10.75	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	LRQ	Mt Belvieu-LST, FP for OPIS - Financial N-BUTREF Balmo Swap Day 4	Fut	Electronic	7.5	USD	FRPL	3.25	USD	FRPL	10.75	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	LRR	Mt Belvieu-LST, FP for OPIS - Financial N-BUTREF Balmo Swap Day 5	Fut	Electronic	7.5	USD	FRPL	3.25	USD	FRPL	10.75	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	LRS	Mt Belvieu-LST, FP for OPIS - Financial N-BUTREF Balmo Swap Day 6	Fut	Electronic	7.5	USD	FRPL	3.25	USD	FRPL	10.75	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	LRT	Mt Belvieu-LST, FP for OPIS - Financial N-BUTREF Balmo Swap Day 7	Fut	Electronic	7.5	USD	FRPL	3.25	USD	FRPL	10.75	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	LRU	Mt Belvieu-LST, FP for OPIS - Financial N-BUTREF Balmo Swap Day 8	Fut	Electronic	7.5	USD	FRPL	3.25	USD	FRPL	10.75	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	LRV	Mt Belvieu-LST, FP for OPIS - Financial N-BUTREF Balmo Swap Day 9	Fut	Electronic	7.5	USD	FRPL	3.25	USD	FRPL	10.75	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	LRW	Mt Belvieu-LST, FP for OPIS - Financial N-BUTREF Balmo Swap Day 10	Fut	Electronic	7.5	USD	FRPL	3.25	USD	FRPL	10.75	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	LRX	Mt Belvieu-LST, FP for OPIS - Financial N-BUTREF Balmo Swap Day 11	Fut	Electronic	7.5	USD	FRPL	3.25	USD	FRPL	10.75	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	LRY	Mt Belvieu-LST, FP for OPIS - Financial N-BUTREF Balmo Swap Day 12	Fut	Electronic	7.5	USD	FRPL	3.25	USD	FRPL	10.75	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	LRZ	Mt Belvieu-LST, FP for OPIS - Financial N-BUTREF Balmo Swap Day 13	Fut	Electronic	7.5	USD	FRPL	3.25	USD	FRPL	10.75	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	LSA	Mt Belvieu-LST, FP for OPIS - Financial N-BUTREF Balmo Swap Day 14	Fut	Electronic	7.5	USD	FRPL	3.25	USD	FRPL	10.75	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	LSB	Mt Belvieu-LST, FP for OPIS - Financial N-BUTREF Balmo Swap Day 15	Fut	Electronic	7.5	USD	FRPL	3.25	USD	FRPL	10.75	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	LSC	Mt Belvieu-LST, FP for OPIS - Financial N-BUTREF Balmo Swap Day 16	Fut	Electronic	7.5	USD	FRPL	3.25	USD	FRPL	10.75	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	LSD	Mt Belvieu-LST, FP for OPIS - Financial N-BUTREF Balmo Swap Day 17	Fut	Electronic	7.5	USD	FRPL	3.25	USD	FRPL	10.75	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	LSE	Mt Belvieu-LST, FP for OPIS - Financial N-BUTREF Balmo Swap Day 18	Fut	Electronic	7.5	USD	FRPL	3.25	USD	FRPL	10.75	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	LSF	Mt Belvieu-LST, FP for OPIS - Financial N-BUTREF Balmo Swap Day 19	Fut	Electronic	7.5	USD	FRPL	3.25	USD	FRPL	10.75	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	LSG	Mt Belvieu-LST, FP for OPIS - Financial N-BUTREF Balmo Swap Day 20	Fut	Electronic	7.5	USD	FRPL	3.25	USD	FRPL	10.75	0.2	USD	FRPL

Exch Code	Exch Desc	Comm Group	Prod Code	Product Desc	F/O	Platform	Trd Fee	Trd Fee Cur	Trd Fee Meth	Clr Fee	Clr Fee Cur	Clr Fee Meth	Fee Total	Brk Fee	Brk Fee Cur	Brk Fee Meth
ICE	Intercontinental Exchange	Energy	LSH	Mt Belvieu-LST, FP for OPIS - Financial N-BUTREF Balmo Swap Day 21	Fut	Electronic	7.5	USD	FRPL	3.25	USD	FRPL	10.75	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	LSI	Mt Belvieu-LST, FP for OPIS - Financial N-BUTREF Balmo Swap Day 22	Fut	Electronic	7.5	USD	FRPL	3.25	USD	FRPL	10.75	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	LSJ	Mt Belvieu-LST, FP for OPIS - Financial N-BUTREF Balmo Swap Day 23	Fut	Electronic	7.5	USD	FRPL	3.25	USD	FRPL	10.75	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	LSK	Mt Belvieu-LST, FP for OPIS - Financial N-BUTREF Balmo Swap Day 24	Fut	Electronic	7.5	USD	FRPL	3.25	USD	FRPL	10.75	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	LSL	Mt Belvieu-LST, FP for OPIS - Financial N-BUTREF Balmo Swap Day 25	Fut	Electronic	7.5	USD	FRPL	3.25	USD	FRPL	10.75	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	LSM	Mt Belvieu-LST, FP for OPIS - Financial N-BUTREF Balmo Swap Day 26	Fut	Electronic	7.5	USD	FRPL	3.25	USD	FRPL	10.75	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	LSN	Mt Belvieu-LST, FP for OPIS - Financial N-BUTREF Balmo Swap Day 27	Fut	Electronic	7.5	USD	FRPL	3.25	USD	FRPL	10.75	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	LSO	Mt Belvieu-LST, FP for OPIS - Financial N-BUTREF Balmo Swap Day 28	Fut	Electronic	7.5	USD	FRPL	3.25	USD	FRPL	10.75	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	LSP	Mt Belvieu-LST, FP for OPIS - Financial N-BUTREF Balmo Swap Day 29	Fut	Electronic	7.5	USD	FRPL	3.25	USD	FRPL	10.75	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	LSQ	Mt Belvieu-LST, FP for OPIS - Financial N-BUTREF Balmo Swap Day 30	Fut	Electronic	7.5	USD	FRPL	3.25	USD	FRPL	10.75	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	LSR	Mt Belvieu-LST, FP for OPIS - Financial N-BUTREF Balmo Swap Day 31	Fut	Electronic	7.5	USD	FRPL	3.25	USD	FRPL	10.75	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	LSS	Financial Natgaso - Mt. Belvieu-LST, FP for OPIS Balmo Swap Day 1	Fut	Electronic	7.5	USD	FRPL	3.25	USD	FRPL	10.75	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	LST	Financial Natgaso - Mt. Belvieu-LST, FP for OPIS Balmo Swap Day 2	Fut	Electronic	7.5	USD	FRPL	3.25	USD	FRPL	10.75	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	LSU	Financial Natgaso - Mt. Belvieu-LST, FP for OPIS Balmo Swap Day 3	Fut	Electronic	7.5	USD	FRPL	3.25	USD	FRPL	10.75	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	LSV	Financial Natgaso - Mt. Belvieu-LST, FP for OPIS Balmo Swap Day 4	Fut	Electronic	7.5	USD	FRPL	3.25	USD	FRPL	10.75	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	LSW	Financial Natgaso - Mt. Belvieu-LST, FP for OPIS Balmo Swap Day 5	Fut	Electronic	7.5	USD	FRPL	3.25	USD	FRPL	10.75	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	LSX	Financial Natgaso - Mt. Belvieu-LST, FP for OPIS Balmo Swap Day 6	Fut	Electronic	7.5	USD	FRPL	3.25	USD	FRPL	10.75	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	LSY	Financial Natgaso - Mt. Belvieu-LST, FP for OPIS Balmo Swap Day 7	Fut	Electronic	7.5	USD	FRPL	3.25	USD	FRPL	10.75	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	LSZ	Financial Natgaso - Mt. Belvieu-LST, FP for OPIS Balmo Swap Day 8	Fut	Electronic	7.5	USD	FRPL	3.25	USD	FRPL	10.75	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	LTA	Financial Natgaso - Mt. Belvieu-LST, FP for OPIS Balmo Swap Day 9	Fut	Electronic	7.5	USD	FRPL	3.25	USD	FRPL	10.75	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	LTB	Financial Natgaso - Mt. Belvieu-LST, FP for OPIS Balmo Swap Day 10	Fut	Electronic	7.5	USD	FRPL	3.25	USD	FRPL	10.75	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	LTC	Financial Natgaso - Mt. Belvieu-LST, FP for OPIS Balmo Swap Day 11	Fut	Electronic	7.5	USD	FRPL	3.25	USD	FRPL	10.75	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	LTD	Financial Natgaso - Mt. Belvieu-LST, FP for OPIS Balmo Swap Day 12	Fut	Electronic	7.5	USD	FRPL	3.25	USD	FRPL	10.75	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	LTE	Financial Natgaso - Mt. Belvieu-LST, FP for OPIS Balmo Swap Day 13	Fut	Electronic	7.5	USD	FRPL	3.25	USD	FRPL	10.75	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	LTF	Financial Natgaso - Mt. Belvieu-LST, FP for OPIS Balmo Swap Day 14	Fut	Electronic	7.5	USD	FRPL	3.25	USD	FRPL	10.75	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	LTG	Financial Natgaso - Mt. Belvieu-LST, FP for OPIS Balmo Swap Day 15	Fut	Electronic	7.5	USD	FRPL	3.25	USD	FRPL	10.75	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	LTH	Financial Natgaso - Mt. Belvieu-LST, FP for OPIS Balmo Swap Day 16	Fut	Electronic	7.5	USD	FRPL	3.25	USD	FRPL	10.75	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	LTI	Financial Natgaso - Mt. Belvieu-LST, FP for OPIS Balmo Swap Day 17	Fut	Electronic	7.5	USD	FRPL	3.25	USD	FRPL	10.75	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	LTJ	Financial Natgaso - Mt. Belvieu-LST, FP for OPIS Balmo Swap Day 18	Fut	Electronic	7.5	USD	FRPL	3.25	USD	FRPL	10.75	0.2	USD	FRPL

Exch Code	Exch Desc	Comm Group	Prod Code	Product Desc	F/O	Platform	Trd Fee	Trd Fee Cur	Trd Fee Meth	Clr Fee	Clr Fee Cur	Clr Fee Meth	Fee Total	Brk Fee	Brk Fee Cur	Brk Fee Meth
ICE	Intercontinental Exchange	Energy	LTK	Financial Natgaso - Mt. Belvieu-LST, FP for OPIS Balmo Swap Day 19	Fut	Electronic	7.5	USD	FRPL	3.25	USD	FRPL	10.75	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	LTL	Financial Natgaso - Mt. Belvieu-LST, FP for OPIS Balmo Swap Day 20	Fut	Electronic	7.5	USD	FRPL	3.25	USD	FRPL	10.75	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	LTM	Financial Natgaso - Mt. Belvieu-LST, FP for OPIS Balmo Swap Day 21	Fut	Electronic	7.5	USD	FRPL	3.25	USD	FRPL	10.75	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	LTN	Financial Natgaso - Mt. Belvieu-LST, FP for OPIS Balmo Swap Day 22	Fut	Electronic	7.5	USD	FRPL	3.25	USD	FRPL	10.75	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	LTO	Financial Natgaso - Mt. Belvieu-LST, FP for OPIS Balmo Swap Day 23	Fut	Electronic	7.5	USD	FRPL	3.25	USD	FRPL	10.75	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	LTP	Financial Natgaso - Mt. Belvieu-LST, FP for OPIS Balmo Swap Day 24	Fut	Electronic	7.5	USD	FRPL	3.25	USD	FRPL	10.75	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	LTQ	Financial Natgaso - Mt. Belvieu-LST, FP for OPIS Balmo Swap Day 25	Fut	Electronic	7.5	USD	FRPL	3.25	USD	FRPL	10.75	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	LTR	Financial Natgaso - Mt. Belvieu-LST, FP for OPIS Balmo Swap Day 26	Fut	Electronic	7.5	USD	FRPL	3.25	USD	FRPL	10.75	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	LTS	Financial Natgaso - Mt. Belvieu-LST, FP for OPIS Balmo Swap Day 27	Fut	Electronic	7.5	USD	FRPL	3.25	USD	FRPL	10.75	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	LTT	Financial Natgaso - Mt. Belvieu-LST, FP for OPIS Balmo Swap Day 28	Fut	Electronic	7.5	USD	FRPL	3.25	USD	FRPL	10.75	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	LTU	Financial Natgaso - Mt. Belvieu-LST, FP for OPIS Balmo Swap Day 29	Fut	Electronic	7.5	USD	FRPL	3.25	USD	FRPL	10.75	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	LTV	Financial Natgaso - Mt. Belvieu-LST, FP for OPIS Balmo Swap Day 30	Fut	Electronic	7.5	USD	FRPL	3.25	USD	FRPL	10.75	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	LTW	Financial Natgaso - Mt. Belvieu-LST, FP for OPIS Balmo Swap Day 31	Fut	Electronic	7.5	USD	FRPL	3.25	USD	FRPL	10.75	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	LVC	Financial Isobutane - Mt. Belvieu-Ent, FP for OPIS Balmo Swap Day 1	Fut	Electronic	7.5	USD	FRPL	3.25	USD	FRPL	10.75	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	LVD	Financial Isobutane - Mt. Belvieu-Ent, FP for OPIS Balmo Swap Day 2	Fut	Electronic	7.5	USD	FRPL	3.25	USD	FRPL	10.75	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	LVE	Financial Isobutane - Mt. Belvieu-Ent, FP for OPIS Balmo Swap Day 3	Fut	Electronic	7.5	USD	FRPL	3.25	USD	FRPL	10.75	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	LVF	Financial Isobutane - Mt. Belvieu-Ent, FP for OPIS Balmo Swap Day 4	Fut	Electronic	7.5	USD	FRPL	3.25	USD	FRPL	10.75	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	LVG	Financial Isobutane - Mt. Belvieu-Ent, FP for OPIS Balmo Swap Day 5	Fut	Electronic	7.5	USD	FRPL	3.25	USD	FRPL	10.75	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	LVH	Financial Isobutane - Mt. Belvieu-Ent, FP for OPIS Balmo Swap Day 6	Fut	Electronic	7.5	USD	FRPL	3.25	USD	FRPL	10.75	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	LVI	Financial Isobutane - Mt. Belvieu-Ent, FP for OPIS Balmo Swap Day 7	Fut	Electronic	7.5	USD	FRPL	3.25	USD	FRPL	10.75	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	LVJ	Financial Isobutane - Mt. Belvieu-Ent, FP for OPIS Balmo Swap Day 8	Fut	Electronic	7.5	USD	FRPL	3.25	USD	FRPL	10.75	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	LVK	Financial Isobutane - Mt. Belvieu-Ent, FP for OPIS Balmo Swap Day 9	Fut	Electronic	7.5	USD	FRPL	3.25	USD	FRPL	10.75	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	LVL	Financial Isobutane - Mt. Belvieu-Ent, FP for OPIS Balmo Swap Day 10	Fut	Electronic	7.5	USD	FRPL	3.25	USD	FRPL	10.75	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	LVM	Financial Isobutane - Mt. Belvieu-Ent, FP for OPIS Balmo Swap Day 11	Fut	Electronic	7.5	USD	FRPL	3.25	USD	FRPL	10.75	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	LVN	Financial Isobutane - Mt. Belvieu-Ent, FP for OPIS Balmo Swap Day 12	Fut	Electronic	7.5	USD	FRPL	3.25	USD	FRPL	10.75	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	LVO	Financial Isobutane - Mt. Belvieu-Ent, FP for OPIS Balmo Swap Day 13	Fut	Electronic	7.5	USD	FRPL	3.25	USD	FRPL	10.75	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	LVP	Financial Isobutane - Mt. Belvieu-Ent, FP for OPIS Balmo Swap Day 14	Fut	Electronic	7.5	USD	FRPL	3.25	USD	FRPL	10.75	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	LVQ	Financial Isobutane - Mt. Belvieu-Ent, FP for OPIS Balmo Swap Day 15	Fut	Electronic	7.5	USD	FRPL	3.25	USD	FRPL	10.75	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	LVR	Financial Isobutane - Mt. Belvieu-Ent, FP for OPIS Balmo Swap Day 16	Fut	Electronic	7.5	USD	FRPL	3.25	USD	FRPL	10.75	0.2	USD	FRPL

Exch Code	Exch Desc	Comm Group	Prod Code	Product Desc	F/O	Platform	Trd Fee	Trd Fee Cur	Trd Fee Meth	Clr Fee	Clr Fee Cur	Clr Fee Meth	Fee Total	Brk Fee	Brk Fee Cur	Brk Fee Meth
ICE	Intercontinental Exchange	Energy	LVS	Financial Isobutane - Mt. Belvieu-Ent, FP for OPIS Balmo Swap Day 17	Fut	Electronic	7.5	USD	FRPL	3.25	USD	FRPL	10.75	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	LVT	Financial Isobutane - Mt. Belvieu-Ent, FP for OPIS Balmo Swap Day 18	Fut	Electronic	7.5	USD	FRPL	3.25	USD	FRPL	10.75	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	LVU	Financial Isobutane - Mt. Belvieu-Ent, FP for OPIS Balmo Swap Day 19	Fut	Electronic	7.5	USD	FRPL	3.25	USD	FRPL	10.75	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	LVV	Financial Isobutane - Mt. Belvieu-Ent, FP for OPIS Balmo Swap Day 20	Fut	Electronic	7.5	USD	FRPL	3.25	USD	FRPL	10.75	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	LVW	Financial Isobutane - Mt. Belvieu-Ent, FP for OPIS Balmo Swap Day 21	Fut	Electronic	7.5	USD	FRPL	3.25	USD	FRPL	10.75	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	LVX	Financial Isobutane - Mt. Belvieu-Ent, FP for OPIS Balmo Swap Day 22	Fut	Electronic	7.5	USD	FRPL	3.25	USD	FRPL	10.75	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	LVY	Financial Isobutane - Mt. Belvieu-Ent, FP for OPIS Balmo Swap Day 23	Fut	Electronic	7.5	USD	FRPL	3.25	USD	FRPL	10.75	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	LVZ	Financial Isobutane - Mt. Belvieu-Ent, FP for OPIS Balmo Swap Day 24	Fut	Electronic	7.5	USD	FRPL	3.25	USD	FRPL	10.75	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	LWA	Financial Isobutane - Mt. Belvieu-Ent, FP for OPIS Balmo Swap Day 25	Fut	Electronic	7.5	USD	FRPL	3.25	USD	FRPL	10.75	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	LWB	Financial Isobutane - Mt. Belvieu-Ent, FP for OPIS Balmo Swap Day 26	Fut	Electronic	7.5	USD	FRPL	3.25	USD	FRPL	10.75	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	LWC	Financial Isobutane - Mt. Belvieu-Ent, FP for OPIS Balmo Swap Day 27	Fut	Electronic	7.5	USD	FRPL	3.25	USD	FRPL	10.75	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	LWD	Financial Isobutane - Mt. Belvieu-Ent, FP for OPIS Balmo Swap Day 28	Fut	Electronic	7.5	USD	FRPL	3.25	USD	FRPL	10.75	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	LWE	Financial Isobutane - Mt. Belvieu-Ent, FP for OPIS Balmo Swap Day 29	Fut	Electronic	7.5	USD	FRPL	3.25	USD	FRPL	10.75	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	LWF	Financial Isobutane - Mt. Belvieu-Ent, FP for OPIS Balmo Swap Day 30	Fut	Electronic	7.5	USD	FRPL	3.25	USD	FRPL	10.75	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	LWG	Financial Isobutane - Mt. Belvieu-Ent, FP for OPIS Balmo Swap Day 31	Fut	Electronic	7.5	USD	FRPL	3.25	USD	FRPL	10.75	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	LWH	Financial Isobutane - Conway, FP for OPIS Balmo Swap Day 1	Fut	Electronic	7.5	USD	FRPL	3.25	USD	FRPL	10.75	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	LWI	Financial Isobutane - Conway, FP for OPIS Balmo Swap Day 2	Fut	Electronic	7.5	USD	FRPL	3.25	USD	FRPL	10.75	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	LWJ	Financial Isobutane - Conway, FP for OPIS Balmo Swap Day 3	Fut	Electronic	7.5	USD	FRPL	3.25	USD	FRPL	10.75	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	LWK	Financial Isobutane - Conway, FP for OPIS Balmo Swap Day 4	Fut	Electronic	7.5	USD	FRPL	3.25	USD	FRPL	10.75	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	LWL	Financial Isobutane - Conway, FP for OPIS Balmo Swap Day 5	Fut	Electronic	7.5	USD	FRPL	3.25	USD	FRPL	10.75	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	LWM	Financial Isobutane - Conway, FP for OPIS Balmo Swap Day 6	Fut	Electronic	7.5	USD	FRPL	3.25	USD	FRPL	10.75	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	LWN	Financial Isobutane - Conway, FP for OPIS Balmo Swap Day 7	Fut	Electronic	7.5	USD	FRPL	3.25	USD	FRPL	10.75	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	LWO	Financial Isobutane - Conway, FP for OPIS Balmo Swap Day 8	Fut	Electronic	7.5	USD	FRPL	3.25	USD	FRPL	10.75	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	LWP	Financial Isobutane - Conway, FP for OPIS Balmo Swap Day 9	Fut	Electronic	7.5	USD	FRPL	3.25	USD	FRPL	10.75	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	LWQ	Financial Isobutane - Conway, FP for OPIS Balmo Swap Day 10	Fut	Electronic	7.5	USD	FRPL	3.25	USD	FRPL	10.75	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	LWR	Financial Isobutane - Conway, FP for OPIS Balmo Swap Day 11	Fut	Electronic	7.5	USD	FRPL	3.25	USD	FRPL	10.75	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	LWS	Financial Isobutane - Conway, FP for OPIS Balmo Swap Day 12	Fut	Electronic	7.5	USD	FRPL	3.25	USD	FRPL	10.75	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	LWT	Financial Isobutane - Conway, FP for OPIS Balmo Swap Day 13	Fut	Electronic	7.5	USD	FRPL	3.25	USD	FRPL	10.75	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	LWU	Financial Isobutane - Conway, FP for OPIS Balmo Swap Day 14	Fut	Electronic	7.5	USD	FRPL	3.25	USD	FRPL	10.75	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	LWV	Financial Isobutane - Conway, FP for OPIS Balmo Swap Day 15	Fut	Electronic	7.5	USD	FRPL	3.25	USD	FRPL	10.75	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	LWW	Financial Isobutane - Conway, FP for OPIS Balmo Swap Day 16	Fut	Electronic	7.5	USD	FRPL	3.25	USD	FRPL	10.75	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	LWX	Financial Isobutane - Conway, FP for OPIS Balmo Swap Day 17	Fut	Electronic	7.5	USD	FRPL	3.25	USD	FRPL	10.75	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	LWY	Financial Isobutane - Conway, FP for OPIS Balmo Swap Day 18	Fut	Electronic	7.5	USD	FRPL	3.25	USD	FRPL	10.75	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	LWZ	Financial Isobutane - Conway, FP for OPIS Balmo Swap Day 19	Fut	Electronic	7.5	USD	FRPL	3.25	USD	FRPL	10.75	0.2	USD	FRPL

Exch Code	Exch Desc	Comm Group	Prod Code	Product Desc	F/O	Platform	Trd Fee	Trd Fee Cur	Trd Fee Meth	Clr Fee	Clr Fee Cur	Clr Fee Meth	Fee Total	Brk Fee	Brk Fee Cur	Brk Fee Meth
ICE	Intercontinental Exchange	Energy	LXA	Financial Isobutane - Conway, FP for OPIS Balmo Swap Day 20	Fut	Electronic	7.5	USD	FRPL	3.25	USD	FRPL	10.75	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	LXB	Financial Isobutane - Conway, FP for OPIS Balmo Swap Day 21	Fut	Electronic	7.5	USD	FRPL	3.25	USD	FRPL	10.75	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	LXC	Financial Isobutane - Conway, FP for OPIS Balmo Swap Day 22	Fut	Electronic	7.5	USD	FRPL	3.25	USD	FRPL	10.75	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	LXD	Financial Isobutane - Conway, FP for OPIS Balmo Swap Day 23	Fut	Electronic	7.5	USD	FRPL	3.25	USD	FRPL	10.75	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	LXE	Financial Isobutane - Conway, FP for OPIS Balmo Swap Day 24	Fut	Electronic	7.5	USD	FRPL	3.25	USD	FRPL	10.75	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	LXF	Financial Isobutane - Conway, FP for OPIS Balmo Swap Day 25	Fut	Electronic	7.5	USD	FRPL	3.25	USD	FRPL	10.75	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	LXG	Financial Isobutane - Conway, FP for OPIS Balmo Swap Day 26	Fut	Electronic	7.5	USD	FRPL	3.25	USD	FRPL	10.75	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	LXH	Financial Isobutane - Conway, FP for OPIS Balmo Swap Day 27	Fut	Electronic	7.5	USD	FRPL	3.25	USD	FRPL	10.75	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	LXI	Financial Isobutane - Conway, FP for OPIS Balmo Swap Day 28	Fut	Electronic	7.5	USD	FRPL	3.25	USD	FRPL	10.75	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	LXJ	Financial Isobutane - Conway, FP for OPIS Balmo Swap Day 29	Fut	Electronic	7.5	USD	FRPL	3.25	USD	FRPL	10.75	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	LXK	Financial Isobutane - Conway, FP for OPIS Balmo Swap Day 30	Fut	Electronic	7.5	USD	FRPL	3.25	USD	FRPL	10.75	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	LXL	Financial Isobutane - Conway, FP for OPIS Balmo Swap Day 31	Fut	Electronic	7.5	USD	FRPL	3.25	USD	FRPL	10.75	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	MCC	MISO Indiana Day Ahead LMP, Peak Monthly	Fut	Electronic	0.04	USD	FRPL	0.12	USD	FRPL	0.16	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	MCD	MISO Indiana Day Ahead LMP, Off-Peak Monthly	Fut	Electronic	0.01	USD	FRPL	0.04	USD	FRPL	0.05	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	MCG	MISO Indiana Hub Real Time, Peak Monthly	Fut	Electronic	0.04	USD	FRPL	0.12	USD	FRPL	0.16	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	MCG	MISO Indiana Hub Real Time, Peak Monthly	Opt	Electronic	0.04	USD	FRPL	0.12	USD	FRPL	0.16	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	MCI	NGPL Midcont Financial Index	Fut	Electronic	0.14	USD	FRPL	0.52	USD	FRPL	0.66	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	MCO	NGPL Midcont Financial Basis	Fut	Electronic	0.14	USD	FRPL	0.52	USD	FRPL	0.66	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	MCR	Massachusetts Compliance Renewable Energy Certificates Class 1	Fut	Electronic	1.5	USD	FRPL	2	USD	FRPL	3.5	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	MDA	MISO Indiana Day Ahead LMP Peak Daily	Fut	Electronic	2	USD	FRPL	4	USD	FRPL	6	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	MDC	Mid-C Financial Peak	Fut	Electronic	1	USD	FRPL	3	USD	FRPL	4	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	MDC	Mid-C Financial Peak	Opt	Electronic	1	USD	FRPL	3	USD	FRPL	4	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	MDF	Mid-C Mini Financial Peak Monthly	Fut	Electronic	0.04	USD	FRPL	0.12	USD	FRPL	0.16	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	MDF	Mid-C Mini Financial Peak Monthly	Opt	Electronic	0.02	USD	FRPL	0.14	USD	FRPL	0.16	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	MIS	Malin Financial Index	Fut	Electronic	0.14	USD	FRPL	0.52	USD	FRPL	0.66	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	MLB	MISO Illinois Day Ahead LMP Peak Monthly	Fut	Electronic	0.04	USD	FRPL	0.12	USD	FRPL	0.16	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	MLD	MISO Illinois Day Ahead LMP Off-Peak Monthly	Fut	Electronic	0.01	USD	FRPL	0.04	USD	FRPL	0.05	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	MLN	Malin Financial Basis	Fut	Electronic	0.14	USD	FRPL	0.52	USD	FRPL	0.66	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	MOD	MISO Indiana Day Ahead LMP Off-Peak Daily	Fut	Electronic	0.13	USD	FRPL	0.25	USD	FRPL	0.38	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	MPD	Mid-C Financial Peak Daily	Fut	Electronic	1	USD	FRPL	2	USD	FRPL	3	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	MPD	Mid-C Day Ahead Peak Daily	Opt	Electronic	1	USD	FRPL	2	USD	FRPL	3	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	MSO	AD Hub Real Time Peak	Fut	Electronic	2	USD	FRPL	6	USD	FRPL	8	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	MSO	AD Hub Real-Time Peak Monthly	Opt	Electronic	2	USD	FRPL	6	USD	FRPL	8	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	MSS	Malin Financial Swing	Fut	Electronic	0.14	USD	FRPL	0.52	USD	FRPL	0.66	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	MTI	TETCO-M3 Financial Index	Fut	Electronic	0.14	USD	FRPL	0.52	USD	FRPL	0.66	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	MTS	NGPL Midcont Financial Swing	Fut	Electronic	0.14	USD	FRPL	0.52	USD	FRPL	0.66	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	MXO	Mid-C Financial Off-Peak Daily	Fut	Electronic	0.06	USD	FRPL	0.12	USD	FRPL	0.18	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	NAK	TR NOx Annual Allowance Vintage 2012	Fut	Electronic	4	USD	FRPL	6	USD	FRPL	10	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	NAK	TR NOx Annual Allowance Vintage 2012	Opt	Electronic	4	USD	FRPL	6	USD	FRPL	10	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	NAY	NYISO Zone A Financial Peak	Fut	Electronic	2	USD	FRPL	6	USD	FRPL	8	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	NBI	Mt Belvieu-Ent N-BUTISO FP for OPIS Average	Fut	Electronic	7.5	USD	FRPL	3.25	USD	FRPL	10.75	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	NBI	Mt Belvieu-ENT, FP for OPIS - Financial N-BUTISO Average Price	Opt	Electronic	7.5	USD	FRPL	3.25	USD	FRPL	10.75	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	NBR	Mt Belvieu-LST N-BUTREF FP for OPIS Average	Fut	Electronic	7.5	USD	FRPL	3.25	USD	FRPL	10.75	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	NDA	ERCOT North 345KV Hub DA, Peak Daily	Fut	Electronic	0.04	USD	FRPL	0.08	USD	FRPL	0.12	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	NDC	ERCOT North 345KV Hub DA, Off-Peak Daily	Fut	Electronic	0.01	USD	FRPL	0.02	USD	FRPL	0.03	0.2	USD	FRPL

Exch Code	Exch Desc	Comm Group	Prod Code	Product Desc	F/O	Platform	Trd Fee	Trd Fee Cur	Trd Fee Meth	Clr Fee	Clr Fee Cur	Clr Fee Meth	Fee Total	Brk Fee	Brk Fee Cur	Brk Fee Meth
ICE	Intercontinental Exchange	Energy	NDO	N Illinois Hub Off-Peak Daily	Fut	Electronic	0.13	USD	FRPL	0.25	USD	FRPL	0.38	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	NDP	N Illinois Hub Real Time Peak Daily	Fut	Electronic	2	USD	FRPL	4	USD	FRPL	6	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	NEB	ERCOT North Zone, Off-Peak Monthly	Fut	Electronic	0.01	USD	FRPL	0.04	USD	FRPL	0.05	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	NEC	Naphtha CIF NWE Cargo Swap	Fut	Electronic	34.5	USD	FRPL	11	USD	FRPL	45.5	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	NED	ERCOT North Zone, Off-Peak Daily	Fut	Electronic	0.13	USD	FRPL	0.25	USD	FRPL	0.38	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	NEM	Nepool MH DA LMP Peak Mini Peak	Fut	Electronic	0.04	USD	FRPL	0.12	USD	FRPL	0.16	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	NEP	Nepool ICE Lots Peak	Fut	Electronic	2	USD	FRPL	6	USD	FRPL	8	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	NEP	Nepool MH DA Peak	Opt	Electronic	2	USD	FRPL	6	USD	FRPL	8	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	NEV	ERCOT North 345kV Hub DA, Off-Peak Monthly	Fut	Electronic	0.01	USD	FRPL	0.04	USD	FRPL	0.05	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	NEX	NEPool MH DA Cal 1x Fixed Price Swap	Fut	Electronic	2	USD	FRPL	6	USD	FRPL	8	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	NEX	NEPool MH DA Cal 1x Fixed Price	Opt	Electronic	2	USD	FRPL	6	USD	FRPL	8	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	NFB	NY 1% Fuel Oil vs Brent 1st Line Swap	Fut	Electronic	3.75	USD	FRPL	1.34	USD	FRPL	5.09	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	NFG	ULSD 10ppm CIF NWE (ARA) /Gasoil 1st Line	Fut	Electronic	27.25	USD	FRPL	11	USD	FRPL	38.25	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	NGA	AB-NIT NGX Same Day 5a Fixed Price Swap	Fut	Electronic	0.5	USD	FRPL	2.02	USD	FRPL	2.52	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	NGC	Conway, FP for OPIS Average - Financial Natgaso Swap	Fut	Electronic	7.5	USD	FRPL	3.25	USD	FRPL	10.75	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	NGE	Mt Belvieu-Ent Natgaso FP for OPIS Average	Fut	Electronic	7.5	USD	FRPL	3.25	USD	FRPL	10.75	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	NGE	Mt Belvieu-ENT, FP for OPIS - Financial Natgaso Average Price	Opt	Electronic	7.5	USD	FRPL	3.25	USD	FRPL	10.75	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	NGL	Financial Natgaso - Mt. Belvieu-LST, FP for OPIS Swap	Fut	Electronic	7.5	USD	FRPL	3.25	USD	FRPL	10.75	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	NGO	NYISO Zone G Financial Off Peak	Fut	Electronic	0.13	USD	FRPL	0.37	USD	FRPL	0.5	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	NGW	Mt Belvieu-ENT, FP for OPIS - Financial Natgaso Swap vs WTI 1st Line Crude Swap	Fut	Electronic	7.5	USD	FRPL	3.25	USD	FRPL	10.75	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	NGY	NYISO Zone G Financial Peak	Fut	Electronic	2	USD	FRPL	6	USD	FRPL	8	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	NIA	N Illinois Hub Day Ahead LMP, Peak Daily	Fut	Electronic	0.04	USD	FRPL	0.08	USD	FRPL	0.12	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	NIB	N Illinois Hub Day Ahead LMP, Peak Monthly	Fut	Electronic	0.04	USD	FRPL	0.12	USD	FRPL	0.16	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	NIC	N Illinois Hub Day Ahead LMP, Off-Peak Daily	Fut	Electronic	0.01	USD	FRPL	0.02	USD	FRPL	0.03	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	NID	N Illinois Hub Day Ahead LMP, Off-Peak Monthly	Fut	Electronic	0.01	USD	FRPL	0.04	USD	FRPL	0.05	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	NIO	NI Hub Real Time Financial Off-Peak	Fut	Electronic	0.13	USD	FRPL	0.37	USD	FRPL	0.5	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	NIS	NWP Sumas Financial Index	Fut	Electronic	0.14	USD	FRPL	0.52	USD	FRPL	0.66	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	NJC	Naphtha C+F Japan Swap	Fut	Electronic	34.5	USD	FRPL	11	USD	FRPL	45.5	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	NJO	NYISO Zone J Financial Off-Peak	Fut	Electronic	0.13	USD	FRPL	0.37	USD	FRPL	0.5	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	NJR	New Jersey Compliance Renewable Energy Certificates Class 1	Fut	Electronic	0.75	USD	FRPL	1	USD	FRPL	1.75	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	NJY	NYISO Zone J Financial Peak	Fut	Electronic	2	USD	FRPL	6	USD	FRPL	8	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	NMC	Michcon Financial Basis	Fut	Electronic	0.14	USD	FRPL	0.52	USD	FRPL	0.66	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	NMI	Michcon Financial Index	Fut	Electronic	0.14	USD	FRPL	0.52	USD	FRPL	0.66	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	NMS	Michcon Financial Swing	Fut	Electronic	0.14	USD	FRPL	0.52	USD	FRPL	0.66	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	NNB	Brent NX Bullet Swap	Fut	Electronic	1.25	USD	FRPL	1.34	USD	FRPL	2.59	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	NNI	NNG Ventura Financial Index	Fut	Electronic	0.14	USD	FRPL	0.52	USD	FRPL	0.66	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	NNS	NNG Ventura Financial Swing	Fut	Electronic	0.14	USD	FRPL	0.52	USD	FRPL	0.66	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	NOB	Naphtha CIF NWE Cargoes vs Brent 1st Line Swap	Fut	Electronic	34.5	USD	FRPL	11	USD	FRPL	45.5	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	NOC	Nepool MH Off-Peak Cal 1x Fixed Price Swap	Fut	Electronic	0.13	USD	FRPL	0.37	USD	FRPL	0.5	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	NOC	Nepool MH DA Off-Peak Cal 1x Fixed Price	Opt	Electronic	0.13	USD	FRPL	0.37	USD	FRPL	0.5	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	NOD	NYISO Zone G Financial Off-Peak Daily	Fut	Electronic	0.13	USD	FRPL	0.25	USD	FRPL	0.38	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	NOE	WTI 1st Line vs Brent 1st Line Swap	Fut	Electronic	1.25	USD	FRPL	1.34	USD	FRPL	2.59	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	NOJ	NYISO Zone J Financial Off-Peak Daily	Fut	Electronic	0.13	USD	FRPL	0.25	USD	FRPL	0.38	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	NOK	TR NOx Ozone Season Allowance Vintage 2012	Fut	Electronic	4	USD	FRPL	6	USD	FRPL	10	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	NOK	TR NOx Ozone Season Allowance Vintage 2012	Opt	Electronic	4	USD	FRPL	6	USD	FRPL	10	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	NOM	Nepool MH DA LMP Mini Off-Peak	Fut	Electronic	0.01	USD	FRPL	0.04	USD	FRPL	0.05	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	NOP	Nepool Off-Peak	Fut	Electronic	0.13	USD	FRPL	0.37	USD	FRPL	0.5	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	NPM	NP-15 Financial Day-Ahead LMP Peak	Fut	Electronic	1	USD	FRPL	3	USD	FRPL	4	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	NPT	Singapore Naphtha Calendar Swap	Fut	Electronic	3.75	USD	FRPL	1.34	USD	FRPL	5.09	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	NRO	NP-15 Financial Swap Real Time LMP - Off Peak Daily	Fut	Electronic	0.06	USD	FRPL	0.12	USD	FRPL	0.18	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	NRP	NP-15 Financial Swap Real Time LMP - Peak Daily	Fut	Electronic	1	USD	FRPL	2	USD	FRPL	3	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	NSI	Transco Z6 (NY) Financial Index	Fut	Electronic	0.14	USD	FRPL	0.52	USD	FRPL	0.66	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	NSS	NWP Sumas Financial Swing	Fut	Electronic	0.14	USD	FRPL	0.52	USD	FRPL	0.66	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	NSU	NWP Sumas Financial Basis	Fut	Electronic	0.14	USD	FRPL	0.52	USD	FRPL	0.66	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	NSX	NGPL STX Financial Basis	Fut	Electronic	0.14	USD	FRPL	0.52	USD	FRPL	0.66	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	NTI	NGPL TXOK Financial Index	Fut	Electronic	0.14	USD	FRPL	0.52	USD	FRPL	0.66	0.2	USD	FRPL

Exch Code	Exch Desc	Comm Group	Prod Code	Product Desc	F/O	Platform	Trd Fee	Trd Fee Cur	Trd Fee Meth	Clr Fee	Clr Fee Cur	Clr Fee Meth	Fee Total	Brk Fee	Brk Fee Cur	Brk Fee Meth
ICE	Intercontinental Exchange	Energy	NTO	NGPL TXOK Financial Basis	Fut	Electronic	0.14	USD	FRPL	0.52	USD	FRPL	0.66	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	NTS	NGPL TXOK Financial Swing	Fut	Electronic	0.14	USD	FRPL	0.52	USD	FRPL	0.66	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	NUL	Brent NX	Opt	Electronic	1.25	USD	FRPL	1.34	USD	FRPL	2.59	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	NVE	NNG Ventura Financial Basis	Fut	Electronic	0.14	USD	FRPL	0.52	USD	FRPL	0.66	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	NVS	3.5% FOB Med Cargoes vs 3.5% FOB Rotterdam Barges Swap	Fut	Electronic	21.75	USD	FRPL	11	USD	FRPL	32.75	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	NWR	NWP Rockies Financial Basis	Fut	Electronic	0.14	USD	FRPL	0.52	USD	FRPL	0.66	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	NXA	Argus EuroBOB OXY FOB Rotterdam Barge vs Brent NX 1st Line Swap	Fut	Electronic	31.65	USD	FRPL	11	USD	FRPL	42.65	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	NXB	Dated Brent vs Brent NX 1st Line Swap	Fut	Electronic	1.25	USD	FRPL	1.34	USD	FRPL	2.59	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	NXC	1% FOB NWE Cargoes vs Brent NX 1st Line Swap	Fut	Electronic	21.75	USD	FRPL	11	USD	FRPL	32.75	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	NXD	Brent NX 1st Line vs Dubai 1st Line Swap	Fut	Electronic	1.25	USD	FRPL	1.34	USD	FRPL	2.59	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	NXE	0.1% Gasoil FOB Rotterdam Barges vs Brent NX 1st Line Swap	Fut	Electronic	27.25	USD	FRPL	11	USD	FRPL	38.25	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	NXF	3.5% FOB Rotterdam Barges vs Brent NX 1st Line Swap	Fut	Electronic	21.75	USD	FRPL	11	USD	FRPL	32.75	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	NXG	Gasoil 1st Line vs Brent NX 1st Line Swap (bbl)	Fut	Electronic	3.75	USD	FRPL	1.34	USD	FRPL	5.09	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	NXH	NYH Heating Oil 1st Line vs Brent NX 1st Line Swap	Fut	Electronic	3.75	USD	FRPL	1.34	USD	FRPL	5.09	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	NXI	NGPL STX Financial Index	Fut	Electronic	0.14	USD	FRPL	0.52	USD	FRPL	0.66	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	NXJ	Argus LLS vs Brent NX 1st Line Swap	Fut	Electronic	1.25	USD	FRPL	1.34	USD	FRPL	2.59	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	NXK	Argus Mars vs Brent NX 1st Line Swap	Fut	Electronic	1.25	USD	FRPL	1.34	USD	FRPL	2.59	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	NXL	Low Sulphur Gasoil 1st Line vs Brent NX 1st Line Swap (bbl)	Fut	Electronic	3.75	USD	FRPL	1.34	USD	FRPL	5.09	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	NXM	Gasoil 1st Line vs Brent NX 1st Line Swap (mt)	Fut	Electronic	27.25	USD	FRPL	11	USD	FRPL	38.25	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	NXN	Naphtha CIF NWE Cargoes vs Brent NX 1st Line Swap	Fut	Electronic	34.5	USD	FRPL	11	USD	FRPL	45.5	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	NXO	3% USGC Residual vs Brent NX 1st Line Swap	Fut	Electronic	3.75	USD	FRPL	1.34	USD	FRPL	5.09	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	NXP	NYH 1% Fuel Oil Cargoes vs Brent NX 1st Line Swap	Fut	Electronic	3.75	USD	FRPL	1.34	USD	FRPL	5.09	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	NXQ	0.1% Gasoil CIF NWE Cargoes vs Brent NX 1st Line Swap	Fut	Electronic	27.25	USD	FRPL	11	USD	FRPL	38.25	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	NXR	RBOB Gasoline 1st Line vs Brent NX 1st Line Swap	Fut	Electronic	3.75	USD	FRPL	1.34	USD	FRPL	5.09	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	NXS	NGPL STX Financial Swing	Fut	Electronic	0.14	USD	FRPL	0.52	USD	FRPL	0.66	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	NXT	WTI vs Brent NX Bullet Swap	Fut	Electronic	1.25	USD	FRPL	1.34	USD	FRPL	2.59	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	NXT	WTI vs Brent NX Spread	Opt	Electronic	1.25	USD	FRPL	1.34	USD	FRPL	2.59	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	NXU	Low Sulphur Gasoil 1st Line vs Brent NX 1st Line Swap	Fut	Electronic	27.25	USD	FRPL	11	USD	FRPL	38.25	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	NXV	Gasoil 50 ppm FOB Rotterdam Barges vs Brent NX 1st Line Swap	Fut	Electronic	27.25	USD	FRPL	11	USD	FRPL	38.25	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	NXW	Brent NX 12 Month Calendar Spread	Opt	Electronic	1.25	USD	FRPL	1.34	USD	FRPL	2.59	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	NXX	Brent NX 1 Month Calendar Spread	Opt	Electronic	1.25	USD	FRPL	1.34	USD	FRPL	2.59	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	NXY	380 cst Singapore vs Brent NX 1st Line Swap	Fut	Electronic	21.75	USD	FRPL	11	USD	FRPL	32.75	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	NXZ	180 cst Singapore vs Brent NX 1st Line Swap	Fut	Electronic	21.75	USD	FRPL	11	USD	FRPL	32.75	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	NZA	ERCOT North Load Zone DA, Peak Daily	Fut	Electronic	0.04	USD	FRPL	0.08	USD	FRPL	0.12	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	NZB	ERCOT North Load Zone DA, Peak Monthly	Fut	Electronic	0.04	USD	FRPL	0.12	USD	FRPL	0.16	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	NZC	ERCOT North Load Zone DA, Off-Peak Daily	Fut	Electronic	0.01	USD	FRPL	0.02	USD	FRPL	0.03	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	NZD	ERCOT North Load Zone DA, Off-Peak Monthly	Fut	Electronic	0.01	USD	FRPL	0.04	USD	FRPL	0.05	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	ODP	PJM WH Real Time Off-Peak Daily	Fut	Electronic	0.13	USD	FRPL	0.25	USD	FRPL	0.38	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	OEH	ERCOT Houston Load Zone RT, Off-Peak Monthly	Fut	Electronic	0.01	USD	FRPL	0.04	USD	FRPL	0.05	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	OEN	ERCOT North Load Zone RT, Off-Peak Monthly	Fut	Electronic	0.01	USD	FRPL	0.04	USD	FRPL	0.05	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	OES	ERCOT South Load Zone RT, Off-Peak Monthly	Fut	Electronic	0.01	USD	FRPL	0.04	USD	FRPL	0.05	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	OEW	ERCOT West Load Zone RT, Off-Peak Monthly	Fut	Electronic	0.01	USD	FRPL	0.04	USD	FRPL	0.05	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	OFP	SP-15 Financial Day-Ahead LMP Off-Peak	Fut	Electronic	0.06	USD	FRPL	0.19	USD	FRPL	0.25	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	OMC	Mid-C Financial Off-Peak	Fut	Electronic	0.06	USD	FRPL	0.19	USD	FRPL	0.25	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	OMI	PJM WH Real Time Mini Off-Peak	Fut	Electronic	0.01	USD	FRPL	0.04	USD	FRPL	0.05	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	ONE	ONEOK Gas Transportation Financial Basis	Fut	Electronic	0.14	USD	FRPL	0.52	USD	FRPL	0.66	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	ONI	ONEOK Gas Transportation Financial Index	Fut	Electronic	0.14	USD	FRPL	0.52	USD	FRPL	0.66	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	ONP	NP-15 Financial Day-Ahead LMP Off-Peak	Fut	Electronic	0.06	USD	FRPL	0.19	USD	FRPL	0.25	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	ONS	ONEOK Gas Transportation Financial Swing	Fut	Electronic	0.14	USD	FRPL	0.52	USD	FRPL	0.66	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	OPJ	PJM WH Real Time Off-Peak	Fut	Electronic	0.13	USD	FRPL	0.37	USD	FRPL	0.5	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	OPJ	PJM WH Real Time Off-Peak Monthly	Opt	Electronic	0.13	USD	FRPL	0.25	USD	FRPL	0.38	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	OPM	Fuel Oil 1% FOB Med Cargoes Swap	Fut	Electronic	21.75	USD	FRPL	11	USD	FRPL	32.75	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	OPP	Panhandle Fixed Price Swap	Fut	Electronic	0.14	USD	FRPL	0.52	USD	FRPL	0.66	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	OPP	Panhandle Pipe	Opt	Electronic	0.14	USD	FRPL	0.52	USD	FRPL	0.66	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	OPS	Socal Fixed Price Swap	Fut	Electronic	0.14	USD	FRPL	0.52	USD	FRPL	0.66	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	OPS	Socal Border Pipe	Opt	Electronic	0.14	USD	FRPL	0.52	USD	FRPL	0.66	0.2	USD	FRPL

Exch Code	Exch Desc	Comm Group	Prod Code	Product Desc	F/O	Platform	Trd Fee	Trd Fee Cur	Trd Fee Meth	Clr Fee	Clr Fee Cur	Clr Fee Meth	Fee Total	Brk Fee	Brk Fee Cur	Brk Fee Meth
ICE	Intercontinental Exchange	Energy	OPU	EP San Juan Fixed Price Swap	Fut	Electronic	0.14	USD	FRPL	0.52	USD	FRPL	0.66	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	OPU	San Juan Pipe	Opt	Electronic	0.14	USD	FRPL	0.52	USD	FRPL	0.66	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	OUB	Southern Star TX-OK-KS Financial Basis	Fut	Electronic	0.14	USD	FRPL	0.52	USD	FRPL	0.66	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	OUI	Southern Star TX-OK-KS Financial Index	Fut	Electronic	0.14	USD	FRPL	0.52	USD	FRPL	0.66	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	OUS	Southern Star TX-OK-KS Financial Swing	Fut	Electronic	0.14	USD	FRPL	0.52	USD	FRPL	0.66	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	OVP	Palo Verde Financial Off-Peak	Fut	Electronic	0.06	USD	FRPL	0.19	USD	FRPL	0.25	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	PAN	Panhandle Financial Basis	Fut	Electronic	0.14	USD	FRPL	0.52	USD	FRPL	0.66	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	PCO	PJM PECO Zone Day Ahead, Off-Peak Monthly	Fut	Electronic	0.01	USD	FRPL	0.04	USD	FRPL	0.05	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	PCP	PJM PECO Zone Day Ahead, Peak Monthly	Fut	Electronic	0.04	USD	FRPL	0.12	USD	FRPL	0.16	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	PDA	PJM WH Day Ahead LMP Peak Daily	Fut	Electronic	2	USD	FRPL	4	USD	FRPL	6	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	PDB	Dated Brent Swap	Fut	Electronic	1.25	USD	FRPL	1.34	USD	FRPL	2.59	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	PDD	Dated Brent vs Dubai 1st Line Swap	Fut	Electronic	1.25	USD	FRPL	1.34	USD	FRPL	2.59	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	PDO	PJM WH Day Ahead LMP Off-Peak Daily	Fut	Electronic	0.13	USD	FRPL	0.25	USD	FRPL	0.38	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	PDP	PJM WH Real Time Peak Daily	Fut	Electronic	2	USD	FRPL	4	USD	FRPL	6	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	PDQ	PJM WH Real Time Daily Swap	Fut	Electronic	2	USD	FRPL	4	USD	FRPL	6	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	PDQ	PJM WH Real Time Daily Swap	Opt	Electronic	2	USD	FRPL	4	USD	FRPL	6	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	PEA	PJM Eastern Hub Day Ahead LMP, Peak Daily	Fut	Electronic	0.04	USD	FRPL	0.08	USD	FRPL	0.12	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	PEB	PJM Eastern Hub Day Ahead LMP, Peak Monthly	Fut	Electronic	0.04	USD	FRPL	0.12	USD	FRPL	0.16	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	PEC	PJM Eastern Hub Day Ahead LMP, Off-Peak Daily	Fut	Electronic	0.01	USD	FRPL	0.02	USD	FRPL	0.03	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	PED	PJM Eastern Hub Day Ahead LMP, Off-Peak Monthly	Fut	Electronic	0.01	USD	FRPL	0.04	USD	FRPL	0.05	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	PEI	EP-Permian Financial Index	Fut	Electronic	0.14	USD	FRPL	0.52	USD	FRPL	0.66	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	PER	EP-Permian Financial Basis	Fut	Electronic	0.14	USD	FRPL	0.52	USD	FRPL	0.66	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	PES	EP-Permian Financial Swing	Fut	Electronic	0.14	USD	FRPL	0.52	USD	FRPL	0.66	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	PGE	PG&E Citygate Financial Basis	Fut	Electronic	0.14	USD	FRPL	0.52	USD	FRPL	0.66	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	PHE	Henry Financial Penultimate	Opt	Electronic	0.14	USD	FRPL	0.52	USD	FRPL	0.66	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	PHH	Henry Financial Penultimate Fixed Price	Fut	Electronic	0.14	USD	FRPL	0.52	USD	FRPL	0.66	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	PIG	PG&E Citygate Financial Swing	Fut	Electronic	0.14	USD	FRPL	0.52	USD	FRPL	0.66	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	PIS	Panhandle Financial Index	Fut	Electronic	0.14	USD	FRPL	0.52	USD	FRPL	0.66	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	PJC	PJM WH Day Ahead LMP, Peak Monthly	Fut	Electronic	0.04	USD	FRPL	0.08	USD	FRPL	0.12	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	PJD	PJM WH Day Ahead LMP, Off-Peak Monthly	Fut	Electronic	0.01	USD	FRPL	0.04	USD	FRPL	0.05	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	PJM	PJM WH Real Time Peak	Fut	Electronic	2	USD	FRPL	4	USD	FRPL	6	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	PJM	PJM WH Real Time Peak	Opt	Electronic	2	USD	FRPL	4	USD	FRPL	6	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	PLM	Mt. Belvieu-LST, FP for OPIS Swap Mini	Fut	Electronic	0.75	USD	FRPL	0.33	USD	FRPL	1.08	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	PMB	PJM METED Zone Day Ahead LMP Monthly	Fut	Electronic	0.04	USD	FRPL	0.12	USD	FRPL	0.16	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	PMD	PJM METED Zone Day Ahead LMP Off-Peak Monthly	Fut	Electronic	0.01	USD	FRPL	0.04	USD	FRPL	0.05	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	PMI	PJM WH Real Time Mini Peak	Fut	Electronic	0.04	USD	FRPL	0.08	USD	FRPL	0.12	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	PMI	PJM WH Real Time Mini Peak	Opt	Electronic	0.02	USD	FRPL	0.1	USD	FRPL	0.12	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	PMX	PJM Cal 1x Fixed Price Swap	Fut	Electronic	2	USD	FRPL	4	USD	FRPL	6	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	PMX	PJM Cal 1x Fixed Price Swap	Opt	Electronic	2	USD	FRPL	2	USD	FRPL	4	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	PNL	N Illinois Hub Real Time Peak	Fut	Electronic	2	USD	FRPL	6	USD	FRPL	8	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	POP	Nepool Off-Peak Daily	Fut	Electronic	0.13	USD	FRPL	0.25	USD	FRPL	0.38	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	PPE	PEPCO Zone DA LMP, Peak Daily	Fut	Electronic	0.04	USD	FRPL	0.08	USD	FRPL	0.12	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	PPF	PEPCO Zone DA LMP, Peak Month	Fut	Electronic	0.04	USD	FRPL	0.12	USD	FRPL	0.16	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	PPG	PEPCO Zone DA LMP, Off-Peak Daily	Fut	Electronic	0.01	USD	FRPL	0.02	USD	FRPL	0.03	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	PPH	PEPCO Zone DA LMP, Off-Peak Monthly	Fut	Electronic	0.01	USD	FRPL	0.04	USD	FRPL	0.05	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	PPO	PJM PPL Zone Day Ahead, Off-Peak Monthly	Fut	Electronic	0.01	USD	FRPL	0.04	USD	FRPL	0.05	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	PPP	PJM PPL Zone Day Ahead, Peak Monthly	Fut	Electronic	0.04	USD	FRPL	0.12	USD	FRPL	0.16	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	PQB	PJM Duquesne Zone Day Ahead LMP, Peak Monthly	Fut	Electronic	0.04	USD	FRPL	0.12	USD	FRPL	0.16	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	PQD	PJM Duquesne Zone Day Ahead LMP, Off-Peak Monthly	Fut	Electronic	0.01	USD	FRPL	0.04	USD	FRPL	0.05	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	PRC	Conway, FP for OPIS - Financial Propane Swap	Fut	Electronic	7.5	USD	FRPL	3.25	USD	FRPL	10.75	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	PRC	Conway, FP for OPIS - Financial Propane Average Price	Opt	Electronic	7.5	USD	FRPL	3.25	USD	FRPL	10.75	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	PRH	HATT-INL, FP for OPIS, Financial Propane Swap	Fut	Electronic	7.5	USD	FRPL	3.25	USD	FRPL	10.75	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	PRL	Mt Belvieu-LST Propane FP for OPIS Average	Fut	Electronic	7.5	USD	FRPL	3.25	USD	FRPL	10.75	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	PRL	Mt Belvieu-LST Propane FP for OPIS Average Price	Opt	Electronic	7.5	USD	FRPL	3.25	USD	FRPL	10.75	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	PRN	Mt Belvieu-Ent Propane, FP for OPIS Average	Fut	Electronic	7.5	USD	FRPL	3.25	USD	FRPL	10.75	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	PSA	PJM PSEG Day Ahead LMP, Peak Monthly	Fut	Electronic	0.04	USD	FRPL	0.12	USD	FRPL	0.16	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	PSB	PJM PSEG Day Ahead LMP, Off-Peak Monthly	Fut	Electronic	0.01	USD	FRPL	0.04	USD	FRPL	0.05	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	PSC	PJM PSEG Day Ahead LMP, Peak Daily	Fut	Electronic	0.04	USD	FRPL	0.08	USD	FRPL	0.12	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	PSD	PJM PSEG Day Ahead LMP, Off-Peak Daily	Fut	Electronic	0.01	USD	FRPL	0.02	USD	FRPL	0.03	0.2	USD	FRPL

Exch Code	Exch Desc	Comm Group	Prod Code	Product Desc	F/O	Platform	Trd Fee	Trd Fee Cur	Trd Fee Meth	Clr Fee	Clr Fee Cur	Clr Fee Meth	Fee Total	Brk Fee	Brk Fee Cur	Brk Fee Meth
ICE	Intercontinental Exchange	Energy	PSS	Panhandle Financial Swing	Fut	Electronic	0.14	USD	FRPL	0.52	USD	FRPL	0.66	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	PTB	PJM AECO Zone Day Ahead LMP, Peak Monthly	Fut	Electronic	0.04	USD	FRPL	0.12	USD	FRPL	0.16	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	PTD	PJM AECO Zone Day Ahead LMP, Off-Peak Monthly	Fut	Electronic	0.01	USD	FRPL	0.04	USD	FRPL	0.05	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	PUB	PJM APS Zone Day Ahead LMP, Peak Monthly	Fut	Electronic	0.04	USD	FRPL	0.12	USD	FRPL	0.16	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	PUD	PJM APS Zone Day Ahead LMP, Off-Peak Monthly	Fut	Electronic	0.01	USD	FRPL	0.04	USD	FRPL	0.05	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	PVM	Palo Verde Financial Peak	Fut	Electronic	1	USD	FRPL	3	USD	FRPL	4	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	PWC	PJM Off-Peak Cal 1x Fixed Price Swap	Fut	Electronic	0.13	USD	FRPL	0.37	USD	FRPL	0.5	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	PWC	PJM Off-Peak Cal 1x Fixed Price Swap	Opt	Electronic	0.13	USD	FRPL	0.13	USD	FRPL	0.26	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	PWP	PJM Planning Year 1x Fixed Price Swap	Fut	Electronic	2	USD	FRPL	4	USD	FRPL	6	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	PWP	PJM Planning Year 1x Fixed Price Swap	Opt	Electronic	2	USD	FRPL	2	USD	FRPL	4	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	PXB	PJM DPL Zone Day Ahead LMP, Peak Monthly	Fut	Electronic	0.04	USD	FRPL	0.12	USD	FRPL	0.16	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	PXD	PJM DPL Zone Day Ahead LMP, Off-Peak Monthly	Fut	Electronic	0.01	USD	FRPL	0.04	USD	FRPL	0.05	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	PZB	PJM PENELEC Zone Day Ahead LMP, Peak Monthly	Fut	Electronic	0.04	USD	FRPL	0.12	USD	FRPL	0.16	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	PZD	PJM PENELEC Zone Day Ahead LMP, Off-Peak Monthly	Fut	Electronic	0.01	USD	FRPL	0.04	USD	FRPL	0.05	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	QHH	Henry Financial LD4 Fixed Price	Fut	Electronic	0.14	USD	FRPL	0.52	USD	FRPL	0.66	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	QHH	Henry Financial LD4 Fixed Price	Opt	Electronic	0.14	USD	FRPL	0.52	USD	FRPL	0.66	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	QVP	Palo Verde Financial Off-Peak Daily	Fut	Electronic	0.06	USD	FRPL	0.12	USD	FRPL	0.18	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	R	WTI 1st Line Swap	Fut	Electronic	1.25	USD	FRPL	1.34	USD	FRPL	2.59	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	R	WTI Average Priced	Opt	Electronic	1.25	USD	FRPL	1.34	USD	FRPL	2.59	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	RBK	Platts Refined Diff - NYH RBOB 2:30 PM ET Settlement vs Platts 3:15 PM ET Futures Assessment	Fut	Electronic	1.25	USD	FRPL	1.34	USD	FRPL	2.59	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	RBL	Platts Refined Diff- NYH RBOB 2:30 PM ET Settlement vs. Platts 3:15 PM ET 2nd Month	Fut	Electronic	1.25	USD	FRPL	1.34	USD	FRPL	2.59	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	RBO	USGC 3% Fuel Oil Swap	Fut	Electronic	3.75	USD	FRPL	1.34	USD	FRPL	5.09	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	RBR	RBOB Gasoline 1st Line vs Brent 1st Line Swap	Fut	Electronic	3.75	USD	FRPL	1.34	USD	FRPL	5.09	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	RBS	RBOB Gasoline 1st Line Swap	Fut	Electronic	3.75	USD	FRPL	1.34	USD	FRPL	5.09	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	RBS	RBOB Gasoline Average Price	Opt	Electronic	3.75	USD	FRPL	1.34	USD	FRPL	5.09	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	RBW	RBOB Gasoline 1st Line vs WTI 1st Line Swap	Fut	Electronic	3.75	USD	FRPL	1.34	USD	FRPL	5.09	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	RFG	0.1% Gasoil FOB Rotterdam Barges vs Gasoil 1st Line Swap	Fut	Electronic	27.25	USD	FRPL	11	USD	FRPL	38.25	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	RGH	Regional Greenhouse Gas Initiative Vintage 2009	Fut	Electronic	0.75	USD	FRPL	1	USD	FRPL	1.75	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	RGH	Regional Greenhouse Gas Initiative Vintage 2009	Opt	Electronic	0.75	USD	FRPL	1	USD	FRPL	1.75	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	RGI	Regional Greenhouse Gas Initiative Vintage 2010	Fut	Electronic	0.75	USD	FRPL	1	USD	FRPL	1.75	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	RGI	Regional Greenhouse Gas Initiative Vintage 2010	Opt	Electronic	0.75	USD	FRPL	1	USD	FRPL	1.75	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	RGJ	Regional Greenhouse Gas Initiative Vintage 2011	Fut	Electronic	0.75	USD	FRPL	1	USD	FRPL	1.75	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	RGJ	Regional Greenhouse Gas Initiative Vintage 2011	Opt	Electronic	0.75	USD	FRPL	1	USD	FRPL	1.75	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	RGK	Regional Greenhouse Gas Initiative Vintage 2012	Fut	Electronic	0.75	USD	FRPL	1	USD	FRPL	1.75	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	RGK	Regional Greenhouse Gas Initiative Vintage 2012	Opt	Electronic	0.75	USD	FRPL	1	USD	FRPL	1.75	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	ROE	RBOB Gasoline 1st Line vs Argus EuroBOB OXY FOB Rotterdam Barge Swap	Fut	Electronic	31.65	USD	FRPL	11	USD	FRPL	42.65	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	RSI	NWP Rockies Financial Index	Fut	Electronic	0.14	USD	FRPL	0.52	USD	FRPL	0.66	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	RSS	NWP Rockies Financial Swing	Fut	Electronic	0.14	USD	FRPL	0.52	USD	FRPL	0.66	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	SBS	180 cst Sing vs Brent 1st Line Swap	Fut	Electronic	21.75	USD	FRPL	11	USD	FRPL	32.75	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	SCB	Socal Citygate Financial Basis	Fut	Electronic	0.14	USD	FRPL	0.52	USD	FRPL	0.66	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	SCI	Socal Citygate Financial Index	Fut	Electronic	0.14	USD	FRPL	0.52	USD	FRPL	0.66	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	SCL	Socal Border Financial Basis	Fut	Electronic	0.14	USD	FRPL	0.52	USD	FRPL	0.66	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	SCP	Saudi CP Financial Propane Swap	Fut	Electronic	80	USD	FRPL	28	USD	FRPL	108	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	SCS	Socal Citygate Financial Swing	Fut	Electronic	0.14	USD	FRPL	0.52	USD	FRPL	0.66	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	SDH	Fixed Price for LD1, Henry Hub Same Day	Fut	Electronic	0.14	USD	FRPL	0.52	USD	FRPL	0.66	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	SDH	Fixed Price for LD1, Henry Hub Same Day	Opt	Electronic	0.14	USD	FRPL	0.52	USD	FRPL	0.66	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	SDP	SP-15 Financial Day-Ahead LMP Peak Daily	Fut	Electronic	1	USD	FRPL	2	USD	FRPL	3	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	SDP	SP-15 EZ Gen Hub Day Ahead LMP Peak Daily	Opt	Electronic	1	USD	FRPL	2	USD	FRPL	3	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	SEA	ERCOT South 345 KV Hub DA, Peak Daily	Fut	Electronic	0.04	USD	FRPL	0.08	USD	FRPL	0.12	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	SEB	ERCOT South Zone, Off-Peak Monthly	Fut	Electronic	0.01	USD	FRPL	0.04	USD	FRPL	0.05	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	SEC	ERCOT South 345 KV Hub DA, Off-Peak Daily	Fut	Electronic	0.01	USD	FRPL	0.02	USD	FRPL	0.03	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	SED	ERCOT South Zone, Off-Peak Daily	Fut	Electronic	0.13	USD	FRPL	0.25	USD	FRPL	0.38	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	SES	180 cst Sing vs Dubai 1st Line Swap	Fut	Electronic	21.75	USD	FRPL	11	USD	FRPL	32.75	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	SFH	Sulfur Financial Instrument Vintage 2009	Fut	Electronic	0.75	USD	FRPL	1	USD	FRPL	1.75	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	SFH	Sulfur Financial Instrument Vintage 2009	Opt	Electronic	0.75	USD	FRPL	1	USD	FRPL	1.75	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	SFI	Sulfur Financial Instrument Vintage 2010	Fut	Electronic	0.75	USD	FRPL	1	USD	FRPL	1.75	0.2	USD	FRPL

Exch Code	Exch Desc	Comm Group	Prod Code	Product Desc	F/O	Platform	Trd Fee	Trd Fee Cur	Trd Fee Meth	Clr Fee	Clr Fee Cur	Clr Fee Meth	Fee Total	Brk Fee	Brk Fee Cur	Brk Fee Meth
ICE	Intercontinental Exchange	Energy	SFI	Sulfur Financial Instrument Vintage 2010	Opt	Electronic	0.75	USD	FRPL	1	USD	FRPL	1.75	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	SFJ	Sulfur Financial Instrument Vintage 2011	Fut	Electronic	0.75	USD	FRPL	1	USD	FRPL	1.75	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	SFJ	Sulfur Financial Instrument Vintage 2011	Opt	Electronic	0.75	USD	FRPL	1	USD	FRPL	1.75	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	SFK	Sulfur Financial Instrument Vintage 2012	Fut	Electronic	0.75	USD	FRPL	1	USD	FRPL	1.75	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	SFK	Sulfur Financial Instrument Vintage 2012	Opt	Electronic	0.75	USD	FRPL	1	USD	FRPL	1.75	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	SFL	Sulfur Financial Instrument Vintage 2013	Fut	Electronic	0.75	USD	FRPL	1	USD	FRPL	1.75	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	SFL	Sulfur Financial Instrument Vintage 2013	Opt	Electronic	0.75	USD	FRPL	1	USD	FRPL	1.75	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	SFM	Sulfur Financial Instrument Vintage 2014	Fut	Electronic	0.75	USD	FRPL	1	USD	FRPL	1.75	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	SFM	Sulfur Financial Instrument Vintage 2014	Opt	Electronic	0.75	USD	FRPL	1	USD	FRPL	1.75	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	SFN	Sulfur Financial Instrument Vintage 2015	Fut	Electronic	0.75	USD	FRPL	1	USD	FRPL	1.75	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	SFN	Sulfur Financial Instrument Vintage 2015	Opt	Electronic	0.75	USD	FRPL	1	USD	FRPL	1.75	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	SFS	180cst Sing Fuel Oil vs 3.5% Rdam FOB Barges Fuel Oil Swap	Fut	Electronic	21.75	USD	FRPL	11	USD	FRPL	32.75	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	SHS	HSC Financial Index	Fut	Electronic	0.14	USD	FRPL	0.52	USD	FRPL	0.66	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	SIA	Transco Station 65 (Zone 3) Financial Index	Fut	Electronic	0.14	USD	FRPL	0.52	USD	FRPL	0.66	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	SIS	Socal Border Financial Index	Fut	Electronic	0.14	USD	FRPL	0.52	USD	FRPL	0.66	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	SJS	380 cst Sing vs 3.5% Rdam FOB Barges Swap	Fut	Electronic	21.75	USD	FRPL	11	USD	FRPL	32.75	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	SLS	380 cst Sing vs Dubai 1st Line Swap	Fut	Electronic	21.75	USD	FRPL	11	USD	FRPL	32.75	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	SMB	Singapore Mogas 97 Unleaded vs Singapore Mogas 95 Unleaded Swap	Fut	Electronic	3.75	USD	FRPL	1.34	USD	FRPL	5.09	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	SMC	Singapore Mogas 97 Unleaded vs Singapore Mogas 92 Unleaded Swap	Fut	Electronic	3.75	USD	FRPL	1.34	USD	FRPL	5.09	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	SMD	Singapore Mogas 95 Unleaded vs Singapore Mogas 92 Unleaded Swap	Fut	Electronic	3.75	USD	FRPL	1.34	USD	FRPL	5.09	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	SMF	Singapore Mogas 95 Unleaded (Platts) Swap	Fut	Electronic	3.75	USD	FRPL	1.34	USD	FRPL	5.09	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	SMS	Singapore Mogas 97 Unleaded (Platts) Swap	Fut	Electronic	3.75	USD	FRPL	1.34	USD	FRPL	5.09	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	SMT	Singapore Mogas 92 Unleaded (Platts) Swap	Fut	Electronic	3.75	USD	FRPL	1.34	USD	FRPL	5.09	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	SNI	EP San Juan Financial Index	Fut	Electronic	0.14	USD	FRPL	0.52	USD	FRPL	0.66	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	SNJ	EP San Juan Financial Basis	Fut	Electronic	0.14	USD	FRPL	0.52	USD	FRPL	0.66	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	SNS	EP San Juan Financial Swing	Fut	Electronic	0.14	USD	FRPL	0.52	USD	FRPL	0.66	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	SOI	Sonat Financial Index	Fut	Electronic	0.14	USD	FRPL	0.52	USD	FRPL	0.66	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	SOK	TR SO2 Group 1 Allowance Vintage 2012	Fut	Electronic	4	USD	FRPL	6	USD	FRPL	10	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	SOK	TR SO2 Group 1 Allowance Vintage 2012	Opt	Electronic	4	USD	FRPL	6	USD	FRPL	10	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	SON	Sonat Financial Basis	Fut	Electronic	0.14	USD	FRPL	0.52	USD	FRPL	0.66	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	SOS	Sonat Financial Swing	Fut	Electronic	0.14	USD	FRPL	0.52	USD	FRPL	0.66	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	SPM	SP-15 Financial Day-Ahead LMP Peak	Fut	Electronic	1	USD	FRPL	3	USD	FRPL	4	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	SPM	SP-15 EZ Gen Hub Day Ahead LMP Peak	Opt	Electronic	1	USD	FRPL	3	USD	FRPL	4	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	SPS	380 cst Sing vs Brent 1st Line Swap	Fut	Electronic	21.75	USD	FRPL	11	USD	FRPL	32.75	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	SPY	SP-15 EZ Gen Hub DA LMP Mini Peak	Fut	Electronic	0.04	USD	FRPL	0.12	USD	FRPL	0.16	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	SPY	SP-15 EZ Gen Hub DA LMP Mini Peak	Opt	Electronic	0.02	USD	FRPL	0.14	USD	FRPL	0.16	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	SQP	SP-15 Financial Day-Ahead LMP Off-Peak Daily	Fut	Electronic	0.06	USD	FRPL	0.12	USD	FRPL	0.18	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	SRO	SP-15 Financial Swap Real Time LMP - Off Peak Daily	Fut	Electronic	0.06	USD	FRPL	0.12	USD	FRPL	0.18	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	SRP	SP-15 Financial Swap Real Time LMP - Peak Daily	Fut	Electronic	1	USD	FRPL	2	USD	FRPL	3	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	SRS	Singapore Jet Kersoene Swap	Fut	Electronic	3.75	USD	FRPL	1.34	USD	FRPL	5.09	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	SSA	Transco Station 65 (Zone 3) Financial Swing	Fut	Electronic	0.14	USD	FRPL	0.52	USD	FRPL	0.66	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	SSS	Socal Border Financial Swing	Fut	Electronic	0.14	USD	FRPL	0.52	USD	FRPL	0.66	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	STA	Transco Station 65 (Zone 3) Financial Basis	Fut	Electronic	0.14	USD	FRPL	0.52	USD	FRPL	0.66	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	STK	TR SO2 Group 2 Allowance Vintage 2012	Fut	Electronic	4	USD	FRPL	6	USD	FRPL	10	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	STK	TR SO2 Group 2 Allowance Vintage 2012	Opt	Electronic	4	USD	FRPL	6	USD	FRPL	10	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	STS	Singapore 180cst Fuel Oil/Singapore 380cst Fuel Oil Swap	Fut	Electronic	21.75	USD	FRPL	11	USD	FRPL	32.75	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	SUS	Singapore 0.5% Gasoil vs Gas Oil 1st Line Swap	Fut	Electronic	3.75	USD	FRPL	1.34	USD	FRPL	5.09	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	SVS	Singapore Jet Kerosene vs 0.5% Singapore Gasoil Swap	Fut	Electronic	3.75	USD	FRPL	1.34	USD	FRPL	5.09	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	SVW	Singapore Jet Kero vs Singapore 0.05% Gasoil Swap	Fut	Electronic	3.75	USD	FRPL	1.34	USD	FRPL	5.09	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	SWS	Singapore Gasoil 0.05% Swap	Fut	Electronic	3.75	USD	FRPL	1.34	USD	FRPL	5.09	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	SWV	Singapore Gasoil 0.05% vs Gasoil 1st Line Swap (bbl)	Fut	Electronic	3.75	USD	FRPL	1.34	USD	FRPL	5.09	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	SWW	Singapore Gasoil 0.05% vs Low Sulphur Gasoil 1st Line Swap (bbl)	Fut	Electronic	3.75	USD	FRPL	1.34	USD	FRPL	5.09	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	SXC	TETCO STX Financial Swing	Fut	Electronic	0.14	USD	FRPL	0.52	USD	FRPL	0.66	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	SXI	TETCO STX Financial Index	Fut	Electronic	0.14	USD	FRPL	0.52	USD	FRPL	0.66	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	SXS	Singapore 0.5% Gasoil Swap	Fut	Electronic	3.75	USD	FRPL	1.34	USD	FRPL	5.09	0.2	USD	FRPL

Exch Code	Exch Desc	Comm Group	Prod Code	Product Desc	F/O	Platform	Trd Fee	Trd Fee Cur	Trd Fee Meth	Clr Fee	Clr Fee Cur	Clr Fee Meth	Fee Total	Brk Fee	Brk Fee Cur	Brk Fee Meth
ICE	Intercontinental Exchange	Energy	SXT	TETCO-STX Financial Basis	Fut	Electronic	0.14	USD	FRPL	0.52	USD	FRPL	0.66	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	SYN	SYN TMX 1b Index Swap	Fut	Electronic	1.25	USD	FRPL	1.34	USD	FRPL	2.59	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	SYS	380 CST Singapore Swap	Fut	Electronic	21.75	USD	FRPL	11	USD	FRPL	32.75	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	SYY	Mini 380 cst Singapore Fuel Swap (100MT)	Fut	Electronic	2.18	USD	FRPL	1.09	USD	FRPL	3.27	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	SZA	ERCOT South Load Zone DA, Peak Daily	Fut	Electronic	0.04	USD	FRPL	0.08	USD	FRPL	0.12	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	SZB	ERCOT South Load Zone DA, Peak Monthly	Fut	Electronic	0.04	USD	FRPL	0.12	USD	FRPL	0.16	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	SZC	ERCOT South Load Zone DA, Off-Peak Daily	Fut	Electronic	0.01	USD	FRPL	0.02	USD	FRPL	0.03	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	SZD	ERCOT South Load Zone DA, Off-Peak Monthly	Fut	Electronic	0.01	USD	FRPL	0.04	USD	FRPL	0.05	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	SZS	180 CST Singapore Swap	Fut	Electronic	21.75	USD	FRPL	11	USD	FRPL	32.75	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	SZS	180 CST Singapore Fuel Oil Average Price	Opt	Electronic	21.75	USD	FRPL	11	USD	FRPL	32.75	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	SZZ	Singapore Swap Mini (100MT)	Fut	Electronic	2.18	USD	FRPL	1.09	USD	FRPL	3.27	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	TAB	Argus Sour Crude Index (ASCI) Diff Calendar Swap	Fut	Electronic	1.25	USD	FRPL	1.34	USD	FRPL	2.59	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	TCC	Capesize Timecharter (Baltic) Freight Swap	Fut	Electronic				9	USD	FRPL	9	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	TCH	Handysize Timecharter (Baltic) Freight Swap	Fut	Electronic				4.5	USD	FRPL	4.5	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	TCO	TCO Financial Basis	Fut	Electronic	0.14	USD	FRPL	0.52	USD	FRPL	0.66	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	TCP	Panamax Timecharter (Baltic) Freight Swap	Fut	Electronic				4.5	USD	FRPL	4.5	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	TCS	Supramax Timecharter (Baltic) Freight Swap	Fut	Electronic				3	USD	FRPL	3	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	TDX	Crude Fin FP, for TMX 1b Swap	Fut	Electronic	1.25	USD	FRPL	1.34	USD	FRPL	2.59	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	TEB	TETCO-ELA Financial Basis	Fut	Electronic	0.14	USD	FRPL	0.52	USD	FRPL	0.66	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	TEI	TETCO-ELA Financial Index	Fut	Electronic	0.14	USD	FRPL	0.52	USD	FRPL	0.66	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	TFI	Tennessee 500L Financial Index	Fut	Electronic	0.14	USD	FRPL	0.52	USD	FRPL	0.66	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	TFL	Tennessee 500L Financial Basis	Fut	Electronic	0.14	USD	FRPL	0.52	USD	FRPL	0.66	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	TGB	TGT Zone 1 Financial Basis	Fut	Electronic	0.14	USD	FRPL	0.52	USD	FRPL	0.66	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	TGI	TGT Zone 1 Financial Index	Fut	Electronic	0.14	USD	FRPL	0.52	USD	FRPL	0.66	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	TGS	TGT Zone 1 Financial Swing	Fut	Electronic	0.14	USD	FRPL	0.52	USD	FRPL	0.66	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	TIA	WTI Crude Oil 1-Month Calendar Spread	Opt	Electronic	1.25	USD	FRPL	1.34	USD	FRPL	2.59	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	TIB	WTI vs Brent Swap	Fut	Electronic	1.25	USD	FRPL	1.34	USD	FRPL	2.59	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	TIB	WTI vs Brent Swap	Opt	Electronic	1.25	USD	FRPL	1.34	USD	FRPL	2.59	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	TIS	TCO Financial Index	Fut	Electronic	0.14	USD	FRPL	0.52	USD	FRPL	0.66	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	TIZ	WTI Crude Oil 12-Month Calendar Spread	Opt	Electronic	1.25	USD	FRPL	1.34	USD	FRPL	2.59	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	TMT	TETCO-M3 Financial Basis	Fut	Electronic	0.14	USD	FRPL	0.52	USD	FRPL	0.66	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	TNB	Transco Station 45 (Zone 2) Financial Basis	Fut	Electronic	0.14	USD	FRPL	0.52	USD	FRPL	0.66	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	TNI	Transco Station 45 (Zone 2) Financial Index	Fut	Electronic	0.14	USD	FRPL	0.52	USD	FRPL	0.66	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	TOB	Argus Sour Crude Index (ASCI) Diff Trade-Month Swap	Fut	Electronic	1.25	USD	FRPL	1.34	USD	FRPL	2.59	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	TPB	Transco Zone 6 (non-N.Y.) Financial Basis	Fut	Electronic	0.14	USD	FRPL	0.52	USD	FRPL	0.66	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	TPI	Transco Zone 6 (non-N.Y.) Financial Index	Fut	Electronic	0.14	USD	FRPL	0.52	USD	FRPL	0.66	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	TPS	Transco Zone 6 (non-N.Y.) Financial Swing	Fut	Electronic	0.14	USD	FRPL	0.52	USD	FRPL	0.66	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	TRI	Transco Station 85 (Zone 4) Financial Index	Fut	Electronic	0.14	USD	FRPL	0.52	USD	FRPL	0.66	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	TRL	Trunkline LA Financial Basis	Fut	Electronic	0.14	USD	FRPL	0.52	USD	FRPL	0.66	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	TRW	Transco Station 85 (Zone 4) Financial Swing	Fut	Electronic	0.14	USD	FRPL	0.52	USD	FRPL	0.66	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	TRZ	Transco Station 85 (Zone 4) Financial Basis	Fut	Electronic	0.14	USD	FRPL	0.52	USD	FRPL	0.66	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	TSB	Tennessee 800 L Financial Basis	Fut	Electronic	0.14	USD	FRPL	0.52	USD	FRPL	0.66	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	TSS	TETCO-M3 Financial Swing	Fut	Electronic	0.14	USD	FRPL	0.52	USD	FRPL	0.66	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	TTB	Transco Station 30 (Zone 1) Financial Basis	Fut	Electronic	0.14	USD	FRPL	0.52	USD	FRPL	0.66	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	TWB	TETCO-WLA Financial Basis	Fut	Electronic	0.14	USD	FRPL	0.52	USD	FRPL	0.66	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	TWI	TETCO-WLA Financial Index	Fut	Electronic	0.14	USD	FRPL	0.52	USD	FRPL	0.66	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	TZI	Tennessee Zone 0 Financial Index	Fut	Electronic	0.14	USD	FRPL	0.52	USD	FRPL	0.66	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	TZR	Tennessee Zone 0 Swing Swap	Fut	Electronic	0.14	USD	FRPL	0.52	USD	FRPL	0.66	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	TZS	Transco Z6 (NY) Financial Basis	Fut	Electronic	0.14	USD	FRPL	0.52	USD	FRPL	0.66	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	TZZ	Tennessee Zone 0 Financial Basis	Fut	Electronic	0.14	USD	FRPL	0.52	USD	FRPL	0.66	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	UBN	ULSD 10ppm CIF NWE Cargoes vs Brent 1st Line Swap	Fut	Electronic	3.75	USD	FRPL	1.34	USD	FRPL	5.09	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	UCB	Premium Unleaded 10ppm FOB MED Cargoes Swap	Fut	Electronic	31.65	USD	FRPL	11	USD	FRPL	42.65	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	UCF	Platts Urals Med vs Dated Brent CFD	Fut	Electronic	1.25	USD	FRPL	1.34	USD	FRPL	2.59	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	UCM	ULSD 10ppm CIF Med Cargoes Swap	Fut	Electronic	27.25	USD	FRPL	11	USD	FRPL	38.25	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	UCS	HSC Financial Swing	Fut	Electronic	0.14	USD	FRPL	0.52	USD	FRPL	0.66	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	ULA	Low Sulphur Gasoil 1st Line Swap	Fut	Electronic	2.73	USD	FRPL	1.09	USD	FRPL	3.82	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	ULA	Low Sulphur Gasoil Average Price	Opt	Electronic	3.13	USD	FRPL	0.69	USD	FRPL	3.82	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	ULB	Low Sulphur Gasoil 1st Line Swap vs Gasoil 1st Line Swap	Fut	Electronic	2.73	USD	FRPL	1.09	USD	FRPL	3.82	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	ULC	Low Sulphur Gasoil 1st Line Swap vs Brent 1st Line Swap (mt)	Fut	Electronic	27.25	USD	FRPL	11	USD	FRPL	38.25	0.2	USD	FRPL

Exch Code	Exch Desc	Comm Group	Prod Code	Product Desc	F/O	Platform	Trd Fee	Trd Fee Cur	Trd Fee Meth	Clr Fee	Clr Fee Cur	Clr Fee Meth	Fee Total	Brk Fee	Brk Fee Cur	Brk Fee Meth
ICE	Intercontinental Exchange	Energy	ULD	Low Sulphur Gasoil 1st Line Swap vs Brent 1st Line Swap (bbl)	Fut	Electronic	3.75	USD	FRPL	1.34	USD	FRPL	5.09	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	ULE	Diesel 10 ppm FOB Rdam Barges vs Low Sulphur Gasoil 1st Line Swap	Fut	Electronic	27.25	USD	FRPL	11	USD	FRPL	38.25	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	ULF	ULSD 10 ppm CIF NWE Cargoes vs Low Sulphur Gasoil 1st Line Swap	Fut	Electronic	27.25	USD	FRPL	11	USD	FRPL	38.25	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	ULG	Diesel 10 ppm CIF NWE (Le Havre) Cargoes vs Low Sulphur Gasoil 1st Line Swap	Fut	Electronic	27.25	USD	FRPL	11	USD	FRPL	38.25	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	ULH	Gasoil 50 ppm FOB Rdam Barges vs Low Sulphur Gasoil 1st Line Swap	Fut	Electronic	27.25	USD	FRPL	11	USD	FRPL	38.25	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	ULI	ULSD 10 ppm CIF MED Cargoes vs Low Sulphur Gasoil 1st Line Swap	Fut	Electronic	27.25	USD	FRPL	11	USD	FRPL	38.25	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	ULJ	Jet CIF NWE Cargoes vs Low Sulphur Gasoil 1st Line Swap	Fut	Electronic	29.4	USD	FRPL	11	USD	FRPL	40.4	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	ULK	Jet FOB Rdam Barges vs Low Sulphur Gasoil 1st Line Swap	Fut	Electronic	29.4	USD	FRPL	11	USD	FRPL	40.4	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	ULL	Heating Oil 1st Line Swap vs Low Sulphur Gasoil 1st Line Swap (mt)	Fut	Electronic	27.25	USD	FRPL	11	USD	FRPL	38.25	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	ULM	Heating Oil 1st Line Swap vs Low Sulphur Gasoil 1st Line Swap (bbl)	Fut	Electronic	3.75	USD	FRPL	1.34	USD	FRPL	5.09	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	ULN	ULSD 10ppm CIF NWE (ARA)	Fut	Electronic	27.25	USD	FRPL	11	USD	FRPL	38.25	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	ULP	0.5% Singapore Gasoil vs Low Sulphur Gasoil 1st Line Swap	Fut	Electronic	3.75	USD	FRPL	1.34	USD	FRPL	5.09	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	ULQ	0.1% Gasoil CIF MED Cargoes vs Low Sulphur Gasoil 1st Line Swap	Fut	Electronic	27.25	USD	FRPL	11	USD	FRPL	38.25	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	ULR	0.1% Gasoil FOB Rdam Barges vs Low Sulphur Gasoil 1st Line Swap	Fut	Electronic	27.25	USD	FRPL	11	USD	FRPL	38.25	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	ULT	0.1% Gasoil CIF NWE Cargoes vs Low Sulphur Gasoil 1st Line Swap	Fut	Electronic	27.25	USD	FRPL	11	USD	FRPL	38.25	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	ULU	Diesel 10ppm (UK) CIF NWE Cargoes vs Low Sulphur Gasoil 1st Line Swap	Fut	Electronic	27.25	USD	FRPL	11	USD	FRPL	38.25	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	UNP	NP-15 Financial Day-Ahead LMP Off-Peak Daily	Fut	Electronic	0.06	USD	FRPL	0.12	USD	FRPL	0.18	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	UOX	ICAP Uranium 308	Fut	Electronic				4	USD	FRPL	4	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	UUB	Low Sulphur Gasoil Bullet Swap	Fut	Electronic	2.73	USD	FRPL	1.09	USD	FRPL	3.82	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	UUL	Low Sulphur Gasoil	Opt	Electronic	3.13	USD	FRPL	0.69	USD	FRPL	3.82	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	UUM	Low Sulphur Gasoil 1-Month Calendar Spread	Opt	Electronic	3.13	USD	FRPL	0.69	USD	FRPL	3.82	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	VDP	Palo Verde Financial Peak Daily	Fut	Electronic	1	USD	FRPL	2	USD	FRPL	3	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	VEA	Low Sulphur Gasoil 1st Line Balmo Swap Day 1	Fut	Electronic	2.73	USD	FRPL	1.09	USD	FRPL	3.82	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	VEB	Low Sulphur Gasoil 1st Line Balmo Swap Day 2	Fut	Electronic	2.73	USD	FRPL	1.09	USD	FRPL	3.82	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	VEC	Low Sulphur Gasoil 1st Line Balmo Swap Day 3	Fut	Electronic	2.73	USD	FRPL	1.09	USD	FRPL	3.82	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	VED	Low Sulphur Gasoil 1st Line Balmo Swap Day 4	Fut	Electronic	2.73	USD	FRPL	1.09	USD	FRPL	3.82	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	VEE	Low Sulphur Gasoil 1st Line Balmo Swap Day 5	Fut	Electronic	2.73	USD	FRPL	1.09	USD	FRPL	3.82	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	VEF	Low Sulphur Gasoil 1st Line Balmo Swap Day 6	Fut	Electronic	2.73	USD	FRPL	1.09	USD	FRPL	3.82	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	VEG	Low Sulphur Gasoil 1st Line Balmo Swap Day 7	Fut	Electronic	2.73	USD	FRPL	1.09	USD	FRPL	3.82	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	VEH	Low Sulphur Gasoil 1st Line Balmo Swap Day 8	Fut	Electronic	2.73	USD	FRPL	1.09	USD	FRPL	3.82	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	VEI	Low Sulphur Gasoil 1st Line Balmo Swap Day 9	Fut	Electronic	2.73	USD	FRPL	1.09	USD	FRPL	3.82	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	VEJ	Low Sulphur Gasoil 1st Line Balmo Swap Day 10	Fut	Electronic	2.73	USD	FRPL	1.09	USD	FRPL	3.82	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	VEK	Low Sulphur Gasoil 1st Line Balmo Swap Day 11	Fut	Electronic	2.73	USD	FRPL	1.09	USD	FRPL	3.82	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	VEL	Low Sulphur Gasoil 1st Line Balmo Swap Day 12	Fut	Electronic	2.73	USD	FRPL	1.09	USD	FRPL	3.82	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	VEM	Low Sulphur Gasoil 1st Line Balmo Swap Day 13	Fut	Electronic	2.73	USD	FRPL	1.09	USD	FRPL	3.82	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	VEN	Low Sulphur Gasoil 1st Line Balmo Swap Day 14	Fut	Electronic	2.73	USD	FRPL	1.09	USD	FRPL	3.82	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	VEO	Low Sulphur Gasoil 1st Line Balmo Swap Day 15	Fut	Electronic	2.73	USD	FRPL	1.09	USD	FRPL	3.82	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	VEP	Low Sulphur Gasoil 1st Line Balmo Swap Day 16	Fut	Electronic	2.73	USD	FRPL	1.09	USD	FRPL	3.82	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	VEQ	Low Sulphur Gasoil 1st Line Balmo Swap Day 17	Fut	Electronic	2.73	USD	FRPL	1.09	USD	FRPL	3.82	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	VER	Low Sulphur Gasoil 1st Line Balmo Swap Day 18	Fut	Electronic	2.73	USD	FRPL	1.09	USD	FRPL	3.82	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	VES	Low Sulphur Gasoil 1st Line Balmo Swap Day 19	Fut	Electronic	2.73	USD	FRPL	1.09	USD	FRPL	3.82	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	VET	Low Sulphur Gasoil 1st Line Balmo Swap Day 20	Fut	Electronic	2.73	USD	FRPL	1.09	USD	FRPL	3.82	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	VEU	Low Sulphur Gasoil 1st Line Balmo Swap Day 21	Fut	Electronic	2.73	USD	FRPL	1.09	USD	FRPL	3.82	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	VEV	Low Sulphur Gasoil 1st Line Balmo Swap Day 22	Fut	Electronic	2.73	USD	FRPL	1.09	USD	FRPL	3.82	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	VEW	Low Sulphur Gasoil 1st Line Balmo Swap Day 23	Fut	Electronic	2.73	USD	FRPL	1.09	USD	FRPL	3.82	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	VEX	Low Sulphur Gasoil 1st Line Balmo Swap Day 24	Fut	Electronic	2.73	USD	FRPL	1.09	USD	FRPL	3.82	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	VEY	Low Sulphur Gasoil 1st Line Balmo Swap Day 25	Fut	Electronic	2.73	USD	FRPL	1.09	USD	FRPL	3.82	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	VEZ	Low Sulphur Gasoil 1st Line Balmo Swap Day 26	Fut	Electronic	2.73	USD	FRPL	1.09	USD	FRPL	3.82	0.2	USD	FRPL

Exch Code	Exch Desc	Comm Group	Prod Code	Product Desc	F/O	Platform	Trd Fee	Trd Fee Cur	Trd Fee Meth	Clr Fee	Clr Fee Cur	Clr Fee Meth	Fee Total	Brk Fee	Brk Fee Cur	Brk Fee Meth
ICE	Intercontinental Exchange	Energy	VFA	Low Sulphur Gasoil 1st Line Balmo Swap Day 27	Fut	Electronic	2.73	USD	FRPL	1.09	USD	FRPL	3.82	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	VFB	Low Sulphur Gasoil 1st Line Balmo Swap Day 28	Fut	Electronic	2.73	USD	FRPL	1.09	USD	FRPL	3.82	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	VFC	Low Sulphur Gasoil 1st Line Balmo Swap Day 29	Fut	Electronic	2.73	USD	FRPL	1.09	USD	FRPL	3.82	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	VFD	Low Sulphur Gasoil 1st Line Balmo Swap Day 30	Fut	Electronic	2.73	USD	FRPL	1.09	USD	FRPL	3.82	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	VFE	Low Sulphur Gasoil 1st Line Balmo Swap Day 31	Fut	Electronic	2.73	USD	FRPL	1.09	USD	FRPL	3.82	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	VFF	0.1% Gasoil CIF MED Cargoes vs Low Sulphur Gasoil 1st Line Balmo Day 1	Fut	Electronic	27.25	USD	FRPL	11	USD	FRPL	38.25	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	VFG	0.1% Gasoil CIF MED Cargoes vs Low Sulphur Gasoil 1st Line Balmo Day 2	Fut	Electronic	27.25	USD	FRPL	11	USD	FRPL	38.25	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	VFH	0.1% Gasoil CIF MED Cargoes vs Low Sulphur Gasoil 1st Line Balmo Day 3	Fut	Electronic	27.25	USD	FRPL	11	USD	FRPL	38.25	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	VFI	0.1% Gasoil CIF MED Cargoes vs Low Sulphur Gasoil 1st Line Balmo Day 4	Fut	Electronic	27.25	USD	FRPL	11	USD	FRPL	38.25	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	VFJ	0.1% Gasoil CIF MED Cargoes vs Low Sulphur Gasoil 1st Line Balmo Day 5	Fut	Electronic	27.25	USD	FRPL	11	USD	FRPL	38.25	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	VFK	0.1% Gasoil CIF MED Cargoes vs Low Sulphur Gasoil 1st Line Balmo Day 6	Fut	Electronic	27.25	USD	FRPL	11	USD	FRPL	38.25	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	VFL	0.1% Gasoil CIF MED Cargoes vs Low Sulphur Gasoil 1st Line Balmo Day 7	Fut	Electronic	27.25	USD	FRPL	11	USD	FRPL	38.25	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	VFM	0.1% Gasoil CIF MED Cargoes vs Low Sulphur Gasoil 1st Line Balmo Day 8	Fut	Electronic	27.25	USD	FRPL	11	USD	FRPL	38.25	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	VFN	0.1% Gasoil CIF MED Cargoes vs Low Sulphur Gasoil 1st Line Balmo Day 9	Fut	Electronic	27.25	USD	FRPL	11	USD	FRPL	38.25	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	VFO	0.1% Gasoil CIF MED Cargoes vs Low Sulphur Gasoil 1st Line Balmo Day 10	Fut	Electronic	27.25	USD	FRPL	11	USD	FRPL	38.25	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	VFP	0.1% Gasoil CIF MED Cargoes vs Low Sulphur Gasoil 1st Line Balmo Day 11	Fut	Electronic	27.25	USD	FRPL	11	USD	FRPL	38.25	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	VFQ	0.1% Gasoil CIF MED Cargoes vs Low Sulphur Gasoil 1st Line Balmo Day 12	Fut	Electronic	27.25	USD	FRPL	11	USD	FRPL	38.25	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	VFR	0.1% Gasoil CIF MED Cargoes vs Low Sulphur Gasoil 1st Line Balmo Day 13	Fut	Electronic	27.25	USD	FRPL	11	USD	FRPL	38.25	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	VFS	0.1% Gasoil CIF MED Cargoes vs Low Sulphur Gasoil 1st Line Balmo Day 14	Fut	Electronic	27.25	USD	FRPL	11	USD	FRPL	38.25	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	VFT	0.1% Gasoil CIF MED Cargoes vs Low Sulphur Gasoil 1st Line Balmo Day 15	Fut	Electronic	27.25	USD	FRPL	11	USD	FRPL	38.25	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	VFU	0.1% Gasoil CIF MED Cargoes vs Low Sulphur Gasoil 1st Line Balmo Day 16	Fut	Electronic	27.25	USD	FRPL	11	USD	FRPL	38.25	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	VFV	0.1% Gasoil CIF MED Cargoes vs Low Sulphur Gasoil 1st Line Balmo Day 17	Fut	Electronic	27.25	USD	FRPL	11	USD	FRPL	38.25	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	VFW	0.1% Gasoil CIF MED Cargoes vs Low Sulphur Gasoil 1st Line Balmo Day 18	Fut	Electronic	27.25	USD	FRPL	11	USD	FRPL	38.25	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	VFX	0.1% Gasoil CIF MED Cargoes vs Low Sulphur Gasoil 1st Line Balmo Day 19	Fut	Electronic	27.25	USD	FRPL	11	USD	FRPL	38.25	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	VFY	0.1% Gasoil CIF MED Cargoes vs Low Sulphur Gasoil 1st Line Balmo Day 20	Fut	Electronic	27.25	USD	FRPL	11	USD	FRPL	38.25	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	VFZ	0.1% Gasoil CIF MED Cargoes vs Low Sulphur Gasoil 1st Line Balmo Day 21	Fut	Electronic	27.25	USD	FRPL	11	USD	FRPL	38.25	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	VGA	0.1% Gasoil CIF MED Cargoes vs Low Sulphur Gasoil 1st Line Balmo Day 22	Fut	Electronic	27.25	USD	FRPL	11	USD	FRPL	38.25	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	VGB	0.1% Gasoil CIF MED Cargoes vs Low Sulphur Gasoil 1st Line Balmo Day 23	Fut	Electronic	27.25	USD	FRPL	11	USD	FRPL	38.25	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	VGC	0.1% Gasoil CIF MED Cargoes vs Low Sulphur Gasoil 1st Line Balmo Day 24	Fut	Electronic	27.25	USD	FRPL	11	USD	FRPL	38.25	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	VGD	0.1% Gasoil CIF MED Cargoes vs Low Sulphur Gasoil 1st Line Balmo Day 25	Fut	Electronic	27.25	USD	FRPL	11	USD	FRPL	38.25	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	VGE	0.1% Gasoil CIF MED Cargoes vs Low Sulphur Gasoil 1st Line Balmo Day 26	Fut	Electronic	27.25	USD	FRPL	11	USD	FRPL	38.25	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	VGF	0.1% Gasoil CIF MED Cargoes vs Low Sulphur Gasoil 1st Line Balmo Day 27	Fut	Electronic	27.25	USD	FRPL	11	USD	FRPL	38.25	0.2	USD	FRPL

Exch Code	Exch Desc	Comm Group	Prod Code	Product Desc	F/O	Platform	Trd Fee	Trd Fee Cur	Trd Fee Meth	Clr Fee	Clr Fee Cur	Clr Fee Meth	Fee Total	Brk Fee	Brk Fee Cur	Brk Fee Meth
ICE	Intercontinental Exchange	Energy	VGG	0.1% Gasoil CIF MED Cargoes vs Low Sulphur Gasoil 1st Line Balmo Day 28	Fut	Electronic	27.25	USD	FRPL	11	USD	FRPL	38.25	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	VGH	0.1% Gasoil CIF MED Cargoes vs Low Sulphur Gasoil 1st Line Balmo Day 29	Fut	Electronic	27.25	USD	FRPL	11	USD	FRPL	38.25	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	VGI	0.1% Gasoil CIF MED Cargoes vs Low Sulphur Gasoil 1st Line Balmo Day 30	Fut	Electronic	27.25	USD	FRPL	11	USD	FRPL	38.25	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	VGJ	0.1% Gasoil CIF MED Cargoes vs Low Sulphur Gasoil 1st Line Balmo Day 31	Fut	Electronic	27.25	USD	FRPL	11	USD	FRPL	38.25	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	VGK	0.1% Gasoil CIF NWE Cargoes vs Low Sulphur Gasoil 1st Line Balmo Day 1	Fut	Electronic	27.25	USD	FRPL	11	USD	FRPL	38.25	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	VGL	0.1% Gasoil CIF NWE Cargoes vs Low Sulphur Gasoil 1st Line Balmo Day 2	Fut	Electronic	27.25	USD	FRPL	11	USD	FRPL	38.25	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	VGM	0.1% Gasoil CIF NWE Cargoes vs Low Sulphur Gasoil 1st Line Balmo Day 3	Fut	Electronic	27.25	USD	FRPL	11	USD	FRPL	38.25	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	VGN	0.1% Gasoil CIF NWE Cargoes vs Low Sulphur Gasoil 1st Line Balmo Day 4	Fut	Electronic	27.25	USD	FRPL	11	USD	FRPL	38.25	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	VGO	0.1% Gasoil CIF NWE Cargoes vs Low Sulphur Gasoil 1st Line Balmo Day 5	Fut	Electronic	27.25	USD	FRPL	11	USD	FRPL	38.25	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	VGP	0.1% Gasoil CIF NWE Cargoes vs Low Sulphur Gasoil 1st Line Balmo Day 6	Fut	Electronic	27.25	USD	FRPL	11	USD	FRPL	38.25	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	VGQ	0.1% Gasoil CIF NWE Cargoes vs Low Sulphur Gasoil 1st Line Balmo Day 7	Fut	Electronic	27.25	USD	FRPL	11	USD	FRPL	38.25	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	VGR	0.1% Gasoil CIF NWE Cargoes vs Low Sulphur Gasoil 1st Line Balmo Day 8	Fut	Electronic	27.25	USD	FRPL	11	USD	FRPL	38.25	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	VGS	0.1% Gasoil CIF NWE Cargoes vs Low Sulphur Gasoil 1st Line Balmo Day 9	Fut	Electronic	27.25	USD	FRPL	11	USD	FRPL	38.25	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	VGT	0.1% Gasoil CIF NWE Cargoes vs Low Sulphur Gasoil 1st Line Balmo Day 10	Fut	Electronic	27.25	USD	FRPL	11	USD	FRPL	38.25	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	VGU	0.1% Gasoil CIF NWE Cargoes vs Low Sulphur Gasoil 1st Line Balmo Day 11	Fut	Electronic	27.25	USD	FRPL	11	USD	FRPL	38.25	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	VGV	0.1% Gasoil CIF NWE Cargoes vs Low Sulphur Gasoil 1st Line Balmo Day 12	Fut	Electronic	27.25	USD	FRPL	11	USD	FRPL	38.25	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	VGW	0.1% Gasoil CIF NWE Cargoes vs Low Sulphur Gasoil 1st Line Balmo Day 13	Fut	Electronic	27.25	USD	FRPL	11	USD	FRPL	38.25	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	VGX	0.1% Gasoil CIF NWE Cargoes vs Low Sulphur Gasoil 1st Line Balmo Day 14	Fut	Electronic	27.25	USD	FRPL	11	USD	FRPL	38.25	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	VGY	0.1% Gasoil CIF NWE Cargoes vs Low Sulphur Gasoil 1st Line Balmo Day 15	Fut	Electronic	27.25	USD	FRPL	11	USD	FRPL	38.25	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	VGZ	0.1% Gasoil CIF NWE Cargoes vs Low Sulphur Gasoil 1st Line Balmo Day 16	Fut	Electronic	27.25	USD	FRPL	11	USD	FRPL	38.25	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	VHA	0.1% Gasoil CIF NWE Cargoes vs Low Sulphur Gasoil 1st Line Balmo Day 17	Fut	Electronic	27.25	USD	FRPL	11	USD	FRPL	38.25	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	VHB	0.1% Gasoil CIF NWE Cargoes vs Low Sulphur Gasoil 1st Line Balmo Day 18	Fut	Electronic	27.25	USD	FRPL	11	USD	FRPL	38.25	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	VHC	0.1% Gasoil CIF NWE Cargoes vs Low Sulphur Gasoil 1st Line Balmo Day 19	Fut	Electronic	27.25	USD	FRPL	11	USD	FRPL	38.25	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	VHD	0.1% Gasoil CIF NWE Cargoes vs Low Sulphur Gasoil 1st Line Balmo Day 20	Fut	Electronic	27.25	USD	FRPL	11	USD	FRPL	38.25	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	VHE	0.1% Gasoil CIF NWE Cargoes vs Low Sulphur Gasoil 1st Line Balmo Day 21	Fut	Electronic	27.25	USD	FRPL	11	USD	FRPL	38.25	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	VHF	0.1% Gasoil CIF NWE Cargoes vs Low Sulphur Gasoil 1st Line Balmo Day 22	Fut	Electronic	27.25	USD	FRPL	11	USD	FRPL	38.25	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	VHG	0.1% Gasoil CIF NWE Cargoes vs Low Sulphur Gasoil 1st Line Balmo Day 23	Fut	Electronic	27.25	USD	FRPL	11	USD	FRPL	38.25	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	VHH	0.1% Gasoil CIF NWE Cargoes vs Low Sulphur Gasoil 1st Line Balmo Day 24	Fut	Electronic	27.25	USD	FRPL	11	USD	FRPL	38.25	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	VHI	0.1% Gasoil CIF NWE Cargoes vs Low Sulphur Gasoil 1st Line Balmo Day 25	Fut	Electronic	27.25	USD	FRPL	11	USD	FRPL	38.25	0.2	USD	FRPL

Exch Code	Exch Desc	Comm Group	Prod Code	Product Desc	F/O	Platform	Trd Fee	Trd Fee Cur	Trd Fee Meth	Clr Fee	Clr Fee Cur	Clr Fee Meth	Fee Total	Brk Fee	Brk Fee Cur	Brk Fee Meth
ICE	Intercontinental Exchange	Energy	VHJ	0.1% Gasoil CIF NWE Cargoes vs Low Sulphur Gasoil 1st Line Balmo Day 26	Fut	Electronic	27.25	USD	FRPL	11	USD	FRPL	38.25	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	VHK	0.1% Gasoil CIF NWE Cargoes vs Low Sulphur Gasoil 1st Line Balmo Day 27	Fut	Electronic	27.25	USD	FRPL	11	USD	FRPL	38.25	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	VHL	0.1% Gasoil CIF NWE Cargoes vs Low Sulphur Gasoil 1st Line Balmo Day 28	Fut	Electronic	27.25	USD	FRPL	11	USD	FRPL	38.25	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	VHM	0.1% Gasoil CIF NWE Cargoes vs Low Sulphur Gasoil 1st Line Balmo Day 29	Fut	Electronic	27.25	USD	FRPL	11	USD	FRPL	38.25	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	VHN	0.1% Gasoil CIF NWE Cargoes vs Low Sulphur Gasoil 1st Line Balmo Day 30	Fut	Electronic	27.25	USD	FRPL	11	USD	FRPL	38.25	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	VHO	0.1% Gasoil CIF NWE Cargoes vs Low Sulphur Gasoil 1st Line Balmo Day 31	Fut	Electronic	27.25	USD	FRPL	11	USD	FRPL	38.25	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	VHP	0.1% Gasoil FOB Rdam Barges vs Low Sulphur Gasoil 1st Line Balmo Day 1	Fut	Electronic	27.25	USD	FRPL	11	USD	FRPL	38.25	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	VHQ	0.1% Gasoil FOB Rdam Barges vs Low Sulphur Gasoil 1st Line Balmo Day 2	Fut	Electronic	27.25	USD	FRPL	11	USD	FRPL	38.25	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	VHR	0.1% Gasoil FOB Rdam Barges vs Low Sulphur Gasoil 1st Line Balmo Day 3	Fut	Electronic	27.25	USD	FRPL	11	USD	FRPL	38.25	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	VHS	0.1% Gasoil FOB Rdam Barges vs Low Sulphur Gasoil 1st Line Balmo Day 4	Fut	Electronic	27.25	USD	FRPL	11	USD	FRPL	38.25	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	VHT	0.1% Gasoil FOB Rdam Barges vs Low Sulphur Gasoil 1st Line Balmo Day 5	Fut	Electronic	27.25	USD	FRPL	11	USD	FRPL	38.25	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	VHU	0.1% Gasoil FOB Rdam Barges vs Low Sulphur Gasoil 1st Line Balmo Day 6	Fut	Electronic	27.25	USD	FRPL	11	USD	FRPL	38.25	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	VHV	0.1% Gasoil FOB Rdam Barges vs Low Sulphur Gasoil 1st Line Balmo Day 7	Fut	Electronic	27.25	USD	FRPL	11	USD	FRPL	38.25	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	VHW	0.1% Gasoil FOB Rdam Barges vs Low Sulphur Gasoil 1st Line Balmo Day 8	Fut	Electronic	27.25	USD	FRPL	11	USD	FRPL	38.25	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	VHX	0.1% Gasoil FOB Rdam Barges vs Low Sulphur Gasoil 1st Line Balmo Day 9	Fut	Electronic	27.25	USD	FRPL	11	USD	FRPL	38.25	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	VHY	0.1% Gasoil FOB Rdam Barges vs Low Sulphur Gasoil 1st Line Balmo Day 10	Fut	Electronic	27.25	USD	FRPL	11	USD	FRPL	38.25	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	VHZ	0.1% Gasoil FOB Rdam Barges vs Low Sulphur Gasoil 1st Line Balmo Day 11	Fut	Electronic	27.25	USD	FRPL	11	USD	FRPL	38.25	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	VIA	0.1% Gasoil FOB Rdam Barges vs Low Sulphur Gasoil 1st Line Balmo Day 12	Fut	Electronic	27.25	USD	FRPL	11	USD	FRPL	38.25	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	VIB	0.1% Gasoil FOB Rdam Barges vs Low Sulphur Gasoil 1st Line Balmo Day 13	Fut	Electronic	27.25	USD	FRPL	11	USD	FRPL	38.25	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	VIC	0.1% Gasoil FOB Rdam Barges vs Low Sulphur Gasoil 1st Line Balmo Day 14	Fut	Electronic	27.25	USD	FRPL	11	USD	FRPL	38.25	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	VID	0.1% Gasoil FOB Rdam Barges vs Low Sulphur Gasoil 1st Line Balmo Day 15	Fut	Electronic	27.25	USD	FRPL	11	USD	FRPL	38.25	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	VIE	0.1% Gasoil FOB Rdam Barges vs Low Sulphur Gasoil 1st Line Balmo Day 16	Fut	Electronic	27.25	USD	FRPL	11	USD	FRPL	38.25	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	VIF	0.1% Gasoil FOB Rdam Barges vs Low Sulphur Gasoil 1st Line Balmo Day 17	Fut	Electronic	27.25	USD	FRPL	11	USD	FRPL	38.25	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	VIG	0.1% Gasoil FOB Rdam Barges vs Low Sulphur Gasoil 1st Line Balmo Day 18	Fut	Electronic	27.25	USD	FRPL	11	USD	FRPL	38.25	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	VIH	0.1% Gasoil FOB Rdam Barges vs Low Sulphur Gasoil 1st Line Balmo Day 19	Fut	Electronic	27.25	USD	FRPL	11	USD	FRPL	38.25	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	VII	0.1% Gasoil FOB Rdam Barges vs Low Sulphur Gasoil 1st Line Balmo Day 20	Fut	Electronic	27.25	USD	FRPL	11	USD	FRPL	38.25	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	VIJ	0.1% Gasoil FOB Rdam Barges vs Low Sulphur Gasoil 1st Line Balmo Day 21	Fut	Electronic	27.25	USD	FRPL	11	USD	FRPL	38.25	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	VIK	0.1% Gasoil FOB Rdam Barges vs Low Sulphur Gasoil 1st Line Balmo Day 22	Fut	Electronic	27.25	USD	FRPL	11	USD	FRPL	38.25	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	VIL	0.1% Gasoil FOB Rdam Barges vs Low Sulphur Gasoil 1st Line Balmo Day 23	Fut	Electronic	27.25	USD	FRPL	11	USD	FRPL	38.25	0.2	USD	FRPL

Exch Code	Exch Desc	Comm Group	Prod Code	Product Desc	F/O	Platform	Trd Fee	Trd Fee Cur	Trd Fee Meth	Clr Fee	Clr Fee Cur	Clr Fee Meth	Fee Total	Brk Fee	Brk Fee Cur	Brk Fee Meth
ICE	Intercontinental Exchange	Energy	VIM	0.1% Gasoil FOB Rdam Barges vs Low Sulphur Gasoil 1st Line Balmo Day 24	Fut	Electronic	27.25	USD	FRPL	11	USD	FRPL	38.25	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	VIN	0.1% Gasoil FOB Rdam Barges vs Low Sulphur Gasoil 1st Line Balmo Day 25	Fut	Electronic	27.25	USD	FRPL	11	USD	FRPL	38.25	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	VIO	0.1% Gasoil FOB Rdam Barges vs Low Sulphur Gasoil 1st Line Balmo Day 26	Fut	Electronic	27.25	USD	FRPL	11	USD	FRPL	38.25	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	VIP	0.1% Gasoil FOB Rdam Barges vs Low Sulphur Gasoil 1st Line Balmo Day 27	Fut	Electronic	27.25	USD	FRPL	11	USD	FRPL	38.25	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	VIQ	0.1% Gasoil FOB Rdam Barges vs Low Sulphur Gasoil 1st Line Balmo Day 28	Fut	Electronic	27.25	USD	FRPL	11	USD	FRPL	38.25	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	VIR	0.1% Gasoil FOB Rdam Barges vs Low Sulphur Gasoil 1st Line Balmo Day 29	Fut	Electronic	27.25	USD	FRPL	11	USD	FRPL	38.25	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	VIS	0.1% Gasoil FOB Rdam Barges vs Low Sulphur Gasoil 1st Line Balmo Day 30	Fut	Electronic	27.25	USD	FRPL	11	USD	FRPL	38.25	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	VIT	0.1% Gasoil FOB Rdam Barges vs Low Sulphur Gasoil 1st Line Balmo Day 31	Fut	Electronic	27.25	USD	FRPL	11	USD	FRPL	38.25	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	VIU	Diesel 10ppm (UK) CIF NWE Cargoes vs Low Sulphur Gasoil 1st Line Balmo Swap Day 1	Fut	Electronic	27.25	USD	FRPL	11	USD	FRPL	38.25	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	VIV	Diesel 10ppm (UK) CIF NWE Cargoes vs Low Sulphur Gasoil 1st Line Balmo Swap Day 2	Fut	Electronic	27.25	USD	FRPL	11	USD	FRPL	38.25	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	VIW	Diesel 10ppm (UK) CIF NWE Cargoes vs Low Sulphur Gasoil 1st Line Balmo Swap Day 3	Fut	Electronic	27.25	USD	FRPL	11	USD	FRPL	38.25	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	VIX	Diesel 10ppm (UK) CIF NWE Cargoes vs Low Sulphur Gasoil 1st Line Balmo Swap Day 4	Fut	Electronic	27.25	USD	FRPL	11	USD	FRPL	38.25	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	VIY	Diesel 10ppm (UK) CIF NWE Cargoes vs Low Sulphur Gasoil 1st Line Balmo Swap Day 5	Fut	Electronic	27.25	USD	FRPL	11	USD	FRPL	38.25	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	VIZ	Diesel 10ppm (UK) CIF NWE Cargoes vs Low Sulphur Gasoil 1st Line Balmo Swap Day 6	Fut	Electronic	27.25	USD	FRPL	11	USD	FRPL	38.25	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	VJA	Diesel 10ppm (UK) CIF NWE Cargoes vs Low Sulphur Gasoil 1st Line Balmo Swap Day 7	Fut	Electronic	27.25	USD	FRPL	11	USD	FRPL	38.25	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	VJB	Diesel 10ppm (UK) CIF NWE Cargoes vs Low Sulphur Gasoil 1st Line Balmo Swap Day 8	Fut	Electronic	27.25	USD	FRPL	11	USD	FRPL	38.25	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	VJC	Diesel 10ppm (UK) CIF NWE Cargoes vs Low Sulphur Gasoil 1st Line Balmo Swap Day 9	Fut	Electronic	27.25	USD	FRPL	11	USD	FRPL	38.25	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	VJD	Diesel 10ppm (UK) CIF NWE Cargoes vs Low Sulphur Gasoil 1st Line Balmo Swap Day 10	Fut	Electronic	27.25	USD	FRPL	11	USD	FRPL	38.25	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	VJE	Diesel 10ppm (UK) CIF NWE Cargoes vs Low Sulphur Gasoil 1st Line Balmo Swap Day 11	Fut	Electronic	27.25	USD	FRPL	11	USD	FRPL	38.25	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	VJF	Diesel 10ppm (UK) CIF NWE Cargoes vs Low Sulphur Gasoil 1st Line Balmo Swap Day 12	Fut	Electronic	27.25	USD	FRPL	11	USD	FRPL	38.25	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	VJG	Diesel 10ppm (UK) CIF NWE Cargoes vs Low Sulphur Gasoil 1st Line Balmo Swap Day 13	Fut	Electronic	27.25	USD	FRPL	11	USD	FRPL	38.25	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	VJH	Diesel 10ppm (UK) CIF NWE Cargoes vs Low Sulphur Gasoil 1st Line Balmo Swap Day 14	Fut	Electronic	27.25	USD	FRPL	11	USD	FRPL	38.25	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	VJI	Diesel 10ppm (UK) CIF NWE Cargoes vs Low Sulphur Gasoil 1st Line Balmo Swap Day 15	Fut	Electronic	27.25	USD	FRPL	11	USD	FRPL	38.25	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	VJJ	Diesel 10ppm (UK) CIF NWE Cargoes vs Low Sulphur Gasoil 1st Line Balmo Swap Day 16	Fut	Electronic	27.25	USD	FRPL	11	USD	FRPL	38.25	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	VJK	Diesel 10ppm (UK) CIF NWE Cargoes vs Low Sulphur Gasoil 1st Line Balmo Swap Day 17	Fut	Electronic	27.25	USD	FRPL	11	USD	FRPL	38.25	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	VJL	Diesel 10ppm (UK) CIF NWE Cargoes vs Low Sulphur Gasoil 1st Line Balmo Swap Day 18	Fut	Electronic	27.25	USD	FRPL	11	USD	FRPL	38.25	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	VJM	Diesel 10ppm (UK) CIF NWE Cargoes vs Low Sulphur Gasoil 1st Line Balmo Swap Day 19	Fut	Electronic	27.25	USD	FRPL	11	USD	FRPL	38.25	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	VJN	Diesel 10ppm (UK) CIF NWE Cargoes vs Low Sulphur Gasoil 1st Line Balmo Swap Day 20	Fut	Electronic	27.25	USD	FRPL	11	USD	FRPL	38.25	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	VJO	Diesel 10ppm (UK) CIF NWE Cargoes vs Low Sulphur Gasoil 1st Line Balmo Swap Day 21	Fut	Electronic	27.25	USD	FRPL	11	USD	FRPL	38.25	0.2	USD	FRPL

Exch Code	Exch Desc	Comm Group	Prod Code	Product Desc	F/O	Platform	Trd Fee	Trd Fee Cur	Trd Fee Meth	Clr Fee	Clr Fee Cur	Clr Fee Meth	Fee Total	Brk Fee	Brk Fee Cur	Brk Fee Meth
ICE	Intercontinental Exchange	Energy	VJP	Diesel 10ppm (UK) CIF NWE Cargoes vs Low Sulphur Gasoil 1st Line Balmo Swap Day 22	Fut	Electronic	27.25	USD	FRPL	11	USD	FRPL	38.25	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	VJQ	Diesel 10ppm (UK) CIF NWE Cargoes vs Low Sulphur Gasoil 1st Line Balmo Swap Day 23	Fut	Electronic	27.25	USD	FRPL	11	USD	FRPL	38.25	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	VJR	Diesel 10ppm (UK) CIF NWE Cargoes vs Low Sulphur Gasoil 1st Line Balmo Swap Day 24	Fut	Electronic	27.25	USD	FRPL	11	USD	FRPL	38.25	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	VJS	Diesel 10ppm (UK) CIF NWE Cargoes vs Low Sulphur Gasoil 1st Line Balmo Swap Day 25	Fut	Electronic	27.25	USD	FRPL	11	USD	FRPL	38.25	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	VJT	Diesel 10ppm (UK) CIF NWE Cargoes vs Low Sulphur Gasoil 1st Line Balmo Swap Day 26	Fut	Electronic	27.25	USD	FRPL	11	USD	FRPL	38.25	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	VJU	Diesel 10ppm (UK) CIF NWE Cargoes vs Low Sulphur Gasoil 1st Line Balmo Swap Day 27	Fut	Electronic	27.25	USD	FRPL	11	USD	FRPL	38.25	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	VJV	Diesel 10ppm (UK) CIF NWE Cargoes vs Low Sulphur Gasoil 1st Line Balmo Swap Day 28	Fut	Electronic	27.25	USD	FRPL	11	USD	FRPL	38.25	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	VJW	Diesel 10ppm (UK) CIF NWE Cargoes vs Low Sulphur Gasoil 1st Line Balmo Swap Day 29	Fut	Electronic	27.25	USD	FRPL	11	USD	FRPL	38.25	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	VJX	Diesel 10ppm (UK) CIF NWE Cargoes vs Low Sulphur Gasoil 1st Line Balmo Swap Day 30	Fut	Electronic	27.25	USD	FRPL	11	USD	FRPL	38.25	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	VJY	Diesel 10ppm (UK) CIF NWE Cargoes vs Low Sulphur Gasoil 1st Line Balmo Swap Day 31	Fut	Electronic	27.25	USD	FRPL	11	USD	FRPL	38.25	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	VJZ	Diesel 10 ppm FOB Rdam Barges vs Low Sulphur Gasoil 1st Line Balmo Day 1	Fut	Electronic	27.25	USD	FRPL	11	USD	FRPL	38.25	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	VKA	Diesel 10 ppm FOB Rdam Barges vs Low Sulphur Gasoil 1st Line Balmo Day 2	Fut	Electronic	27.25	USD	FRPL	11	USD	FRPL	38.25	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	VKB	Diesel 10 ppm FOB Rdam Barges vs Low Sulphur Gasoil 1st Line Balmo Day 3	Fut	Electronic	27.25	USD	FRPL	11	USD	FRPL	38.25	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	VKC	Diesel 10 ppm FOB Rdam Barges vs Low Sulphur Gasoil 1st Line Balmo Day 4	Fut	Electronic	27.25	USD	FRPL	11	USD	FRPL	38.25	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	VKD	Diesel 10 ppm FOB Rdam Barges vs Low Sulphur Gasoil 1st Line Balmo Day 5	Fut	Electronic	27.25	USD	FRPL	11	USD	FRPL	38.25	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	VKE	Diesel 10 ppm FOB Rdam Barges vs Low Sulphur Gasoil 1st Line Balmo Day 6	Fut	Electronic	27.25	USD	FRPL	11	USD	FRPL	38.25	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	VKF	Diesel 10 ppm FOB Rdam Barges vs Low Sulphur Gasoil 1st Line Balmo Day 7	Fut	Electronic	27.25	USD	FRPL	11	USD	FRPL	38.25	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	VKG	Diesel 10 ppm FOB Rdam Barges vs Low Sulphur Gasoil 1st Line Balmo Day 8	Fut	Electronic	27.25	USD	FRPL	11	USD	FRPL	38.25	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	VKH	Diesel 10 ppm FOB Rdam Barges vs Low Sulphur Gasoil 1st Line Balmo Day 9	Fut	Electronic	27.25	USD	FRPL	11	USD	FRPL	38.25	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	VKI	Diesel 10 ppm FOB Rdam Barges vs Low Sulphur Gasoil 1st Line Balmo Day 10	Fut	Electronic	27.25	USD	FRPL	11	USD	FRPL	38.25	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	VKJ	Diesel 10 ppm FOB Rdam Barges vs Low Sulphur Gasoil 1st Line Balmo Day 11	Fut	Electronic	27.25	USD	FRPL	11	USD	FRPL	38.25	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	VKK	Diesel 10 ppm FOB Rdam Barges vs Low Sulphur Gasoil 1st Line Balmo Day 12	Fut	Electronic	27.25	USD	FRPL	11	USD	FRPL	38.25	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	VKL	Diesel 10 ppm FOB Rdam Barges vs Low Sulphur Gasoil 1st Line Balmo Day 13	Fut	Electronic	27.25	USD	FRPL	11	USD	FRPL	38.25	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	VKM	Diesel 10 ppm FOB Rdam Barges vs Low Sulphur Gasoil 1st Line Balmo Day 14	Fut	Electronic	27.25	USD	FRPL	11	USD	FRPL	38.25	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	VKN	Diesel 10 ppm FOB Rdam Barges vs Low Sulphur Gasoil 1st Line Balmo Day 15	Fut	Electronic	27.25	USD	FRPL	11	USD	FRPL	38.25	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	VKO	Diesel 10 ppm FOB Rdam Barges vs Low Sulphur Gasoil 1st Line Balmo Day 16	Fut	Electronic	27.25	USD	FRPL	11	USD	FRPL	38.25	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	VKP	Diesel 10 ppm FOB Rdam Barges vs Low Sulphur Gasoil 1st Line Balmo Day 17	Fut	Electronic	27.25	USD	FRPL	11	USD	FRPL	38.25	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	VKQ	Diesel 10 ppm FOB Rdam Barges vs Low Sulphur Gasoil 1st Line Balmo Day 18	Fut	Electronic	27.25	USD	FRPL	11	USD	FRPL	38.25	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	VKR	Diesel 10 ppm FOB Rdam Barges vs Low Sulphur Gasoil 1st Line Balmo Day 19	Fut	Electronic	27.25	USD	FRPL	11	USD	FRPL	38.25	0.2	USD	FRPL

Exch Code	Exch Desc	Comm Group	Prod Code	Product Desc	F/O	Platform	Trd Fee	Trd Fee Cur	Trd Fee Meth	Clr Fee	Clr Fee Cur	Clr Fee Meth	Fee Total	Brk Fee	Brk Fee Cur	Brk Fee Meth
ICE	Intercontinental Exchange	Energy	VKS	Diesel 10 ppm FOB Rdam Barges vs Low Sulphur Gasoil 1st Line Balmo Day 20	Fut	Electronic	27.25	USD	FRPL	11	USD	FRPL	38.25	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	VKT	Diesel 10 ppm FOB Rdam Barges vs Low Sulphur Gasoil 1st Line Balmo Day 21	Fut	Electronic	27.25	USD	FRPL	11	USD	FRPL	38.25	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	VKU	Diesel 10 ppm FOB Rdam Barges vs Low Sulphur Gasoil 1st Line Balmo Day 22	Fut	Electronic	27.25	USD	FRPL	11	USD	FRPL	38.25	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	VKV	Diesel 10 ppm FOB Rdam Barges vs Low Sulphur Gasoil 1st Line Balmo Day 23	Fut	Electronic	27.25	USD	FRPL	11	USD	FRPL	38.25	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	VKW	Diesel 10 ppm FOB Rdam Barges vs Low Sulphur Gasoil 1st Line Balmo Day 24	Fut	Electronic	27.25	USD	FRPL	11	USD	FRPL	38.25	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	VKX	Diesel 10 ppm FOB Rdam Barges vs Low Sulphur Gasoil 1st Line Balmo Day 25	Fut	Electronic	27.25	USD	FRPL	11	USD	FRPL	38.25	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	VKY	Diesel 10 ppm FOB Rdam Barges vs Low Sulphur Gasoil 1st Line Balmo Day 26	Fut	Electronic	27.25	USD	FRPL	11	USD	FRPL	38.25	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	VKZ	Diesel 10 ppm FOB Rdam Barges vs Low Sulphur Gasoil 1st Line Balmo Day 27	Fut	Electronic	27.25	USD	FRPL	11	USD	FRPL	38.25	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	VLA	Diesel 10 ppm FOB Rdam Barges vs Low Sulphur Gasoil 1st Line Balmo Day 28	Fut	Electronic	27.25	USD	FRPL	11	USD	FRPL	38.25	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	VLB	Diesel 10 ppm FOB Rdam Barges vs Low Sulphur Gasoil 1st Line Balmo Day 29	Fut	Electronic	27.25	USD	FRPL	11	USD	FRPL	38.25	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	VLC	Diesel 10 ppm FOB Rdam Barges vs Low Sulphur Gasoil 1st Line Balmo Day 30	Fut	Electronic	27.25	USD	FRPL	11	USD	FRPL	38.25	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	VLD	Diesel 10 ppm FOB Rdam Barges vs Low Sulphur Gasoil 1st Line Balmo Day 31	Fut	Electronic	27.25	USD	FRPL	11	USD	FRPL	38.25	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	VLE	Diesel 10ppm CIF NWE (Le Havre) Cargoes vs Low Sulphur Gasoil 1st Line Balmo Day 1	Fut	Electronic	27.25	USD	FRPL	11	USD	FRPL	38.25	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	VLF	Diesel 10ppm CIF NWE (Le Havre) Cargoes vs Low Sulphur Gasoil 1st Line Balmo Day 2	Fut	Electronic	27.25	USD	FRPL	11	USD	FRPL	38.25	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	VLG	Diesel 10ppm CIF NWE (Le Havre) Cargoes vs Low Sulphur Gasoil 1st Line Balmo Day 3	Fut	Electronic	27.25	USD	FRPL	11	USD	FRPL	38.25	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	VLH	Diesel 10ppm CIF NWE (Le Havre) Cargoes vs Low Sulphur Gasoil 1st Line Balmo Day 4	Fut	Electronic	27.25	USD	FRPL	11	USD	FRPL	38.25	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	VLI	Diesel 10ppm CIF NWE (Le Havre) Cargoes vs Low Sulphur Gasoil 1st Line Balmo Day 5	Fut	Electronic	27.25	USD	FRPL	11	USD	FRPL	38.25	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	VLJ	Diesel 10ppm CIF NWE (Le Havre) Cargoes vs Low Sulphur Gasoil 1st Line Balmo Day 6	Fut	Electronic	27.25	USD	FRPL	11	USD	FRPL	38.25	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	VLK	Diesel 10ppm CIF NWE (Le Havre) Cargoes vs Low Sulphur Gasoil 1st Line Balmo Day 7	Fut	Electronic	27.25	USD	FRPL	11	USD	FRPL	38.25	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	VLL	Diesel 10ppm CIF NWE (Le Havre) Cargoes vs Low Sulphur Gasoil 1st Line Balmo Day 8	Fut	Electronic	27.25	USD	FRPL	11	USD	FRPL	38.25	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	VLM	Diesel 10ppm CIF NWE (Le Havre) Cargoes vs Low Sulphur Gasoil 1st Line Balmo Day 9	Fut	Electronic	27.25	USD	FRPL	11	USD	FRPL	38.25	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	VLN	Diesel 10ppm CIF NWE (Le Havre) Cargoes vs Low Sulphur Gasoil 1st Line Balmo Day 10	Fut	Electronic	27.25	USD	FRPL	11	USD	FRPL	38.25	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	VLO	Diesel 10ppm CIF NWE (Le Havre) Cargoes vs Low Sulphur Gasoil 1st Line Balmo Day 11	Fut	Electronic	27.25	USD	FRPL	11	USD	FRPL	38.25	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	VLP	Diesel 10ppm CIF NWE (Le Havre) Cargoes vs Low Sulphur Gasoil 1st Line Balmo Day 12	Fut	Electronic	27.25	USD	FRPL	11	USD	FRPL	38.25	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	VLQ	Diesel 10ppm CIF NWE (Le Havre) Cargoes vs Low Sulphur Gasoil 1st Line Balmo Day 13	Fut	Electronic	27.25	USD	FRPL	11	USD	FRPL	38.25	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	VLR	Diesel 10ppm CIF NWE (Le Havre) Cargoes vs Low Sulphur Gasoil 1st Line Balmo Day 14	Fut	Electronic	27.25	USD	FRPL	11	USD	FRPL	38.25	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	VLS	Diesel 10ppm CIF NWE (Le Havre) Cargoes vs Low Sulphur Gasoil 1st Line Balmo Day 15	Fut	Electronic	27.25	USD	FRPL	11	USD	FRPL	38.25	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	VLT	Diesel 10ppm CIF NWE (Le Havre) Cargoes vs Low Sulphur Gasoil 1st Line Balmo Day 16	Fut	Electronic	27.25	USD	FRPL	11	USD	FRPL	38.25	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	VLU	Diesel 10ppm CIF NWE (Le Havre) Cargoes vs Low Sulphur Gasoil 1st Line Balmo Day 17	Fut	Electronic	27.25	USD	FRPL	11	USD	FRPL	38.25	0.2	USD	FRPL

Exch Code	Exch Desc	Comm Group	Prod Code	Product Desc	F/O	Platform	Trd Fee	Trd Fee Cur	Trd Fee Meth	Clr Fee	Clr Fee Cur	Clr Fee Meth	Fee Total	Brk Fee	Brk Fee Cur	Brk Fee Meth
ICE	Intercontinental Exchange	Energy	VLV	Diesel 10ppm CIF NWE (Le Havre) Cargoes vs Low Sulphur Gasoil 1st Line Balmo Day 18	Fut	Electronic	27.25	USD	FRPL	11	USD	FRPL	38.25	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	VLW	Diesel 10ppm CIF NWE (Le Havre) Cargoes vs Low Sulphur Gasoil 1st Line Balmo Day 19	Fut	Electronic	27.25	USD	FRPL	11	USD	FRPL	38.25	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	VLX	Diesel 10ppm CIF NWE (Le Havre) Cargoes vs Low Sulphur Gasoil 1st Line Balmo Day 20	Fut	Electronic	27.25	USD	FRPL	11	USD	FRPL	38.25	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	VLY	Diesel 10ppm CIF NWE (Le Havre) Cargoes vs Low Sulphur Gasoil 1st Line Balmo Day 21	Fut	Electronic	27.25	USD	FRPL	11	USD	FRPL	38.25	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	VLZ	Diesel 10ppm CIF NWE (Le Havre) Cargoes vs Low Sulphur Gasoil 1st Line Balmo Day 22	Fut	Electronic	27.25	USD	FRPL	11	USD	FRPL	38.25	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	VMA	Diesel 10ppm CIF NWE (Le Havre) Cargoes vs Low Sulphur Gasoil 1st Line Balmo Day 23	Fut	Electronic	27.25	USD	FRPL	11	USD	FRPL	38.25	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	VMB	Diesel 10ppm CIF NWE (Le Havre) Cargoes vs Low Sulphur Gasoil 1st Line Balmo Day 24	Fut	Electronic	27.25	USD	FRPL	11	USD	FRPL	38.25	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	VMC	Diesel 10ppm CIF NWE (Le Havre) Cargoes vs Low Sulphur Gasoil 1st Line Balmo Day 25	Fut	Electronic	27.25	USD	FRPL	11	USD	FRPL	38.25	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	VMD	Diesel 10ppm CIF NWE (Le Havre) Cargoes vs Low Sulphur Gasoil 1st Line Balmo Day 26	Fut	Electronic	27.25	USD	FRPL	11	USD	FRPL	38.25	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	VME	Diesel 10ppm CIF NWE (Le Havre) Cargoes vs Low Sulphur Gasoil 1st Line Balmo Day 27	Fut	Electronic	27.25	USD	FRPL	11	USD	FRPL	38.25	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	VMF	Diesel 10ppm CIF NWE (Le Havre) Cargoes vs Low Sulphur Gasoil 1st Line Balmo Day 28	Fut	Electronic	27.25	USD	FRPL	11	USD	FRPL	38.25	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	VMG	Diesel 10ppm CIF NWE (Le Havre) Cargoes vs Low Sulphur Gasoil 1st Line Balmo Day 29	Fut	Electronic	27.25	USD	FRPL	11	USD	FRPL	38.25	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	VMH	Diesel 10ppm CIF NWE (Le Havre) Cargoes vs Low Sulphur Gasoil 1st Line Balmo Day 30	Fut	Electronic	27.25	USD	FRPL	11	USD	FRPL	38.25	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	VMI	Diesel 10ppm CIF NWE (Le Havre) Cargoes vs Low Sulphur Gasoil 1st Line Balmo Day 31	Fut	Electronic	27.25	USD	FRPL	11	USD	FRPL	38.25	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	VMJ	ULSD 10 ppm CIF MED Cargoes vs Low Sulphur Gasoil 1st Line Balmo Day 1	Fut	Electronic	27.25	USD	FRPL	11	USD	FRPL	38.25	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	VMK	ULSD 10 ppm CIF MED Cargoes vs Low Sulphur Gasoil 1st Line Balmo Day 2	Fut	Electronic	27.25	USD	FRPL	11	USD	FRPL	38.25	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	VML	ULSD 10 ppm CIF MED Cargoes vs Low Sulphur Gasoil 1st Line Balmo Day 3	Fut	Electronic	27.25	USD	FRPL	11	USD	FRPL	38.25	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	VMM	ULSD 10 ppm CIF MED Cargoes vs Low Sulphur Gasoil 1st Line Balmo Day 4	Fut	Electronic	27.25	USD	FRPL	11	USD	FRPL	38.25	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	VMN	ULSD 10 ppm CIF MED Cargoes vs Low Sulphur Gasoil 1st Line Balmo Day 5	Fut	Electronic	27.25	USD	FRPL	11	USD	FRPL	38.25	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	VMO	ULSD 10 ppm CIF MED Cargoes vs Low Sulphur Gasoil 1st Line Balmo Day 6	Fut	Electronic	27.25	USD	FRPL	11	USD	FRPL	38.25	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	VMP	ULSD 10 ppm CIF MED Cargoes vs Low Sulphur Gasoil 1st Line Balmo Day 7	Fut	Electronic	27.25	USD	FRPL	11	USD	FRPL	38.25	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	VMQ	ULSD 10 ppm CIF MED Cargoes vs Low Sulphur Gasoil 1st Line Balmo Day 8	Fut	Electronic	27.25	USD	FRPL	11	USD	FRPL	38.25	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	VMR	ULSD 10 ppm CIF MED Cargoes vs Low Sulphur Gasoil 1st Line Balmo Day 9	Fut	Electronic	27.25	USD	FRPL	11	USD	FRPL	38.25	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	VMS	ULSD 10 ppm CIF MED Cargoes vs Low Sulphur Gasoil 1st Line Balmo Day 10	Fut	Electronic	27.25	USD	FRPL	11	USD	FRPL	38.25	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	VMT	ULSD 10 ppm CIF MED Cargoes vs Low Sulphur Gasoil 1st Line Balmo Day 11	Fut	Electronic	27.25	USD	FRPL	11	USD	FRPL	38.25	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	VMU	ULSD 10 ppm CIF MED Cargoes vs Low Sulphur Gasoil 1st Line Balmo Day 12	Fut	Electronic	27.25	USD	FRPL	11	USD	FRPL	38.25	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	VMV	ULSD 10 ppm CIF MED Cargoes vs Low Sulphur Gasoil 1st Line Balmo Day 13	Fut	Electronic	27.25	USD	FRPL	11	USD	FRPL	38.25	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	VMW	ULSD 10 ppm CIF MED Cargoes vs Low Sulphur Gasoil 1st Line Balmo Day 14	Fut	Electronic	27.25	USD	FRPL	11	USD	FRPL	38.25	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	VMX	ULSD 10 ppm CIF MED Cargoes vs Low Sulphur Gasoil 1st Line Balmo Day 15	Fut	Electronic	27.25	USD	FRPL	11	USD	FRPL	38.25	0.2	USD	FRPL

Exch Code	Exch Desc	Comm Group	Prod Code	Product Desc	F/O	Platform	Trd Fee	Trd Fee Cur	Trd Fee Meth	Clr Fee	Clr Fee Cur	Clr Fee Meth	Fee Total	Brk Fee	Brk Fee Cur	Brk Fee Meth
ICE	Intercontinental Exchange	Energy	VMY	ULSD 10 ppm CIF MED Cargoes vs Low Sulphur Gasoil 1st Line Balmo Day 16	Fut	Electronic	27.25	USD	FRPL	11	USD	FRPL	38.25	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	VMZ	ULSD 10 ppm CIF MED Cargoes vs Low Sulphur Gasoil 1st Line Balmo Day 17	Fut	Electronic	27.25	USD	FRPL	11	USD	FRPL	38.25	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	VNA	ULSD 10 ppm CIF MED Cargoes vs Low Sulphur Gasoil 1st Line Balmo Day 18	Fut	Electronic	27.25	USD	FRPL	11	USD	FRPL	38.25	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	VNB	ULSD 10 ppm CIF MED Cargoes vs Low Sulphur Gasoil 1st Line Balmo Day 19	Fut	Electronic	27.25	USD	FRPL	11	USD	FRPL	38.25	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	VNC	ULSD 10 ppm CIF MED Cargoes vs Low Sulphur Gasoil 1st Line Balmo Day 20	Fut	Electronic	27.25	USD	FRPL	11	USD	FRPL	38.25	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	VND	ULSD 10 ppm CIF MED Cargoes vs Low Sulphur Gasoil 1st Line Balmo Day 21	Fut	Electronic	27.25	USD	FRPL	11	USD	FRPL	38.25	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	VNE	ULSD 10 ppm CIF MED Cargoes vs Low Sulphur Gasoil 1st Line Balmo Day 22	Fut	Electronic	27.25	USD	FRPL	11	USD	FRPL	38.25	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	VNF	ULSD 10 ppm CIF MED Cargoes vs Low Sulphur Gasoil 1st Line Balmo Day 23	Fut	Electronic	27.25	USD	FRPL	11	USD	FRPL	38.25	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	VNG	ULSD 10 ppm CIF MED Cargoes vs Low Sulphur Gasoil 1st Line Balmo Day 24	Fut	Electronic	27.25	USD	FRPL	11	USD	FRPL	38.25	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	VNH	ULSD 10 ppm CIF MED Cargoes vs Low Sulphur Gasoil 1st Line Balmo Day 25	Fut	Electronic	27.25	USD	FRPL	11	USD	FRPL	38.25	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	VNI	ULSD 10 ppm CIF MED Cargoes vs Low Sulphur Gasoil 1st Line Balmo Day 26	Fut	Electronic	27.25	USD	FRPL	11	USD	FRPL	38.25	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	VNJ	ULSD 10 ppm CIF MED Cargoes vs Low Sulphur Gasoil 1st Line Balmo Day 27	Fut	Electronic	27.25	USD	FRPL	11	USD	FRPL	38.25	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	VNK	ULSD 10 ppm CIF MED Cargoes vs Low Sulphur Gasoil 1st Line Balmo Day 28	Fut	Electronic	27.25	USD	FRPL	11	USD	FRPL	38.25	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	VNL	ULSD 10 ppm CIF MED Cargoes vs Low Sulphur Gasoil 1st Line Balmo Day 29	Fut	Electronic	27.25	USD	FRPL	11	USD	FRPL	38.25	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	VNM	ULSD 10 ppm CIF MED Cargoes vs Low Sulphur Gasoil 1st Line Balmo Day 30	Fut	Electronic	27.25	USD	FRPL	11	USD	FRPL	38.25	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	VNN	ULSD 10 ppm CIF MED Cargoes vs Low Sulphur Gasoil 1st Line Balmo Day 31	Fut	Electronic	27.25	USD	FRPL	11	USD	FRPL	38.25	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	VNO	ULSD 10 ppm CIF NWE Cargoes vs Low Sulphur Gasoil 1st Line Balmo Day 1	Fut	Electronic	27.25	USD	FRPL	11	USD	FRPL	38.25	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	VNP	ULSD 10 ppm CIF NWE Cargoes vs Low Sulphur Gasoil 1st Line Balmo Day 2	Fut	Electronic	27.25	USD	FRPL	11	USD	FRPL	38.25	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	VNQ	ULSD 10 ppm CIF NWE Cargoes vs Low Sulphur Gasoil 1st Line Balmo Day 3	Fut	Electronic	27.25	USD	FRPL	11	USD	FRPL	38.25	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	VNR	ULSD 10 ppm CIF NWE Cargoes vs Low Sulphur Gasoil 1st Line Balmo Day 4	Fut	Electronic	27.25	USD	FRPL	11	USD	FRPL	38.25	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	VNS	ULSD 10 ppm CIF NWE Cargoes vs Low Sulphur Gasoil 1st Line Balmo Day 5	Fut	Electronic	27.25	USD	FRPL	11	USD	FRPL	38.25	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	VNT	ULSD 10 ppm CIF NWE Cargoes vs Low Sulphur Gasoil 1st Line Balmo Day 6	Fut	Electronic	27.25	USD	FRPL	11	USD	FRPL	38.25	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	VNU	ULSD 10 ppm CIF NWE Cargoes vs Low Sulphur Gasoil 1st Line Balmo Day 7	Fut	Electronic	27.25	USD	FRPL	11	USD	FRPL	38.25	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	VNV	ULSD 10 ppm CIF NWE Cargoes vs Low Sulphur Gasoil 1st Line Balmo Day 8	Fut	Electronic	27.25	USD	FRPL	11	USD	FRPL	38.25	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	VNW	ULSD 10 ppm CIF NWE Cargoes vs Low Sulphur Gasoil 1st Line Balmo Day 9	Fut	Electronic	27.25	USD	FRPL	11	USD	FRPL	38.25	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	VNX	ULSD 10 ppm CIF NWE Cargoes vs Low Sulphur Gasoil 1st Line Balmo Day 10	Fut	Electronic	27.25	USD	FRPL	11	USD	FRPL	38.25	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	VNY	ULSD 10 ppm CIF NWE Cargoes vs Low Sulphur Gasoil 1st Line Balmo Day 11	Fut	Electronic	27.25	USD	FRPL	11	USD	FRPL	38.25	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	VNZ	ULSD 10 ppm CIF NWE Cargoes vs Low Sulphur Gasoil 1st Line Balmo Day 12	Fut	Electronic	27.25	USD	FRPL	11	USD	FRPL	38.25	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	VOA	ULSD 10 ppm CIF NWE Cargoes vs Low Sulphur Gasoil 1st Line Balmo Day 13	Fut	Electronic	27.25	USD	FRPL	11	USD	FRPL	38.25	0.2	USD	FRPL

Exch Code	Exch Desc	Comm Group	Prod Code	Product Desc	F/O	Platform	Trd Fee	Trd Fee Cur	Trd Fee Meth	Clr Fee	Clr Fee Cur	Clr Fee Meth	Fee Total	Brk Fee	Brk Fee Cur	Brk Fee Meth
ICE	Intercontinental Exchange	Energy	VOB	ULSD 10 ppm CIF NWE Cargoes vs Low Sulphur Gasoil 1st Line Balmo Day 14	Fut	Electronic	27.25	USD	FRPL	11	USD	FRPL	38.25	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	VOC	ULSD 10 ppm CIF NWE Cargoes vs Low Sulphur Gasoil 1st Line Balmo Day 15	Fut	Electronic	27.25	USD	FRPL	11	USD	FRPL	38.25	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	VOD	ULSD 10 ppm CIF NWE Cargoes vs Low Sulphur Gasoil 1st Line Balmo Day 16	Fut	Electronic	27.25	USD	FRPL	11	USD	FRPL	38.25	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	VOE	ULSD 10 ppm CIF NWE Cargoes vs Low Sulphur Gasoil 1st Line Balmo Day 17	Fut	Electronic	27.25	USD	FRPL	11	USD	FRPL	38.25	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	VOF	ULSD 10 ppm CIF NWE Cargoes vs Low Sulphur Gasoil 1st Line Balmo Day 18	Fut	Electronic	27.25	USD	FRPL	11	USD	FRPL	38.25	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	VOG	ULSD 10 ppm CIF NWE Cargoes vs Low Sulphur Gasoil 1st Line Balmo Day 19	Fut	Electronic	27.25	USD	FRPL	11	USD	FRPL	38.25	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	VOH	ULSD 10 ppm CIF NWE Cargoes vs Low Sulphur Gasoil 1st Line Balmo Day 20	Fut	Electronic	27.25	USD	FRPL	11	USD	FRPL	38.25	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	VOI	ULSD 10 ppm CIF NWE Cargoes vs Low Sulphur Gasoil 1st Line Balmo Day 21	Fut	Electronic	27.25	USD	FRPL	11	USD	FRPL	38.25	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	VOJ	ULSD 10 ppm CIF NWE Cargoes vs Low Sulphur Gasoil 1st Line Balmo Day 22	Fut	Electronic	27.25	USD	FRPL	11	USD	FRPL	38.25	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	VOK	ULSD 10 ppm CIF NWE Cargoes vs Low Sulphur Gasoil 1st Line Balmo Day 23	Fut	Electronic	27.25	USD	FRPL	11	USD	FRPL	38.25	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	VOL	ULSD 10 ppm CIF NWE Cargoes vs Low Sulphur Gasoil 1st Line Balmo Day 24	Fut	Electronic	27.25	USD	FRPL	11	USD	FRPL	38.25	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	VOM	ULSD 10 ppm CIF NWE Cargoes vs Low Sulphur Gasoil 1st Line Balmo Day 25	Fut	Electronic	27.25	USD	FRPL	11	USD	FRPL	38.25	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	VON	ULSD 10 ppm CIF NWE Cargoes vs Low Sulphur Gasoil 1st Line Balmo Day 26	Fut	Electronic	27.25	USD	FRPL	11	USD	FRPL	38.25	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	VOO	ULSD 10 ppm CIF NWE Cargoes vs Low Sulphur Gasoil 1st Line Balmo Day 27	Fut	Electronic	27.25	USD	FRPL	11	USD	FRPL	38.25	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	VOP	ULSD 10 ppm CIF NWE Cargoes vs Low Sulphur Gasoil 1st Line Balmo Day 28	Fut	Electronic	27.25	USD	FRPL	11	USD	FRPL	38.25	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	VOQ	ULSD 10 ppm CIF NWE Cargoes vs Low Sulphur Gasoil 1st Line Balmo Day 29	Fut	Electronic	27.25	USD	FRPL	11	USD	FRPL	38.25	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	VOR	ULSD 10 ppm CIF NWE Cargoes vs Low Sulphur Gasoil 1st Line Balmo Day 30	Fut	Electronic	27.25	USD	FRPL	11	USD	FRPL	38.25	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	VOS	ULSD 10 ppm CIF NWE Cargoes vs Low Sulphur Gasoil 1st Line Balmo Day 31	Fut	Electronic	27.25	USD	FRPL	11	USD	FRPL	38.25	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	VOT	Jet CIF NWE Cargoes vs Low Sulphur Gasoil 1st Line Swap Day 1	Fut	Electronic	29.4	USD	FRPL	11	USD	FRPL	40.4	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	VOU	Jet CIF NWE Cargoes vs Low Sulphur Gasoil 1st Line Swap Day 2	Fut	Electronic	29.4	USD	FRPL	11	USD	FRPL	40.4	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	VOV	Jet CIF NWE Cargoes vs Low Sulphur Gasoil 1st Line Swap Day 3	Fut	Electronic	29.4	USD	FRPL	11	USD	FRPL	40.4	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	VOW	Jet CIF NWE Cargoes vs Low Sulphur Gasoil 1st Line Swap Day 4	Fut	Electronic	29.4	USD	FRPL	11	USD	FRPL	40.4	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	VOX	Jet CIF NWE Cargoes vs Low Sulphur Gasoil 1st Line Swap Day 5	Fut	Electronic	29.4	USD	FRPL	11	USD	FRPL	40.4	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	VOY	Jet CIF NWE Cargoes vs Low Sulphur Gasoil 1st Line Swap Day 6	Fut	Electronic	29.4	USD	FRPL	11	USD	FRPL	40.4	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	VOZ	Jet CIF NWE Cargoes vs Low Sulphur Gasoil 1st Line Swap Day 7	Fut	Electronic	29.4	USD	FRPL	11	USD	FRPL	40.4	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	VPA	Jet CIF NWE Cargoes vs Low Sulphur Gasoil 1st Line Swap Day 8	Fut	Electronic	29.4	USD	FRPL	11	USD	FRPL	40.4	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	VPB	Jet CIF NWE Cargoes vs Low Sulphur Gasoil 1st Line Swap Day 9	Fut	Electronic	29.4	USD	FRPL	11	USD	FRPL	40.4	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	VPC	Jet CIF NWE Cargoes vs Low Sulphur Gasoil 1st Line Swap Day 10	Fut	Electronic	29.4	USD	FRPL	11	USD	FRPL	40.4	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	VPD	Jet CIF NWE Cargoes vs Low Sulphur Gasoil 1st Line Swap Day 11	Fut	Electronic	29.4	USD	FRPL	11	USD	FRPL	40.4	0.2	USD	FRPL

Exch Code	Exch Desc	Comm Group	Prod Code	Product Desc	F/O	Platform	Trd Fee	Trd Fee Cur	Trd Fee Meth	Clr Fee	Clr Fee Cur	Clr Fee Meth	Fee Total	Brk Fee	Brk Fee Cur	Brk Fee Meth
ICE	Intercontinental Exchange	Energy	VPE	Jet CIF NWE Cargoes vs Low Sulphur Gasoil 1st Line Swap Day 12	Fut	Electronic	29.4	USD	FRPL	11	USD	FRPL	40.4	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	VPF	Jet CIF NWE Cargoes vs Low Sulphur Gasoil 1st Line Swap Day 13	Fut	Electronic	29.4	USD	FRPL	11	USD	FRPL	40.4	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	VPG	Jet CIF NWE Cargoes vs Low Sulphur Gasoil 1st Line Swap Day 14	Fut	Electronic	29.4	USD	FRPL	11	USD	FRPL	40.4	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	VPH	Jet CIF NWE Cargoes vs Low Sulphur Gasoil 1st Line Swap Day 15	Fut	Electronic	29.4	USD	FRPL	11	USD	FRPL	40.4	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	VPI	Jet CIF NWE Cargoes vs Low Sulphur Gasoil 1st Line Swap Day 16	Fut	Electronic	29.4	USD	FRPL	11	USD	FRPL	40.4	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	VPJ	Jet CIF NWE Cargoes vs Low Sulphur Gasoil 1st Line Swap Day 17	Fut	Electronic	29.4	USD	FRPL	11	USD	FRPL	40.4	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	VPK	Jet CIF NWE Cargoes vs Low Sulphur Gasoil 1st Line Swap Day 18	Fut	Electronic	29.4	USD	FRPL	11	USD	FRPL	40.4	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	VPL	Jet CIF NWE Cargoes vs Low Sulphur Gasoil 1st Line Swap Day 19	Fut	Electronic	29.4	USD	FRPL	11	USD	FRPL	40.4	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	VPM	Jet CIF NWE Cargoes vs Low Sulphur Gasoil 1st Line Swap Day 20	Fut	Electronic	29.4	USD	FRPL	11	USD	FRPL	40.4	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	VPN	Jet CIF NWE Cargoes vs Low Sulphur Gasoil 1st Line Swap Day 21	Fut	Electronic	29.4	USD	FRPL	11	USD	FRPL	40.4	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	VPO	Jet CIF NWE Cargoes vs Low Sulphur Gasoil 1st Line Swap Day 22	Fut	Electronic	29.4	USD	FRPL	11	USD	FRPL	40.4	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	VPP	Jet CIF NWE Cargoes vs Low Sulphur Gasoil 1st Line Swap Day 23	Fut	Electronic	29.4	USD	FRPL	11	USD	FRPL	40.4	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	VPQ	Jet CIF NWE Cargoes vs Low Sulphur Gasoil 1st Line Swap Day 24	Fut	Electronic	29.4	USD	FRPL	11	USD	FRPL	40.4	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	VPR	Jet CIF NWE Cargoes vs Low Sulphur Gasoil 1st Line Swap Day 25	Fut	Electronic	29.4	USD	FRPL	11	USD	FRPL	40.4	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	VPS	Jet CIF NWE Cargoes vs Low Sulphur Gasoil 1st Line Swap Day 26	Fut	Electronic	29.4	USD	FRPL	11	USD	FRPL	40.4	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	VPT	Jet CIF NWE Cargoes vs Low Sulphur Gasoil 1st Line Swap Day 27	Fut	Electronic	29.4	USD	FRPL	11	USD	FRPL	40.4	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	VPU	Jet CIF NWE Cargoes vs Low Sulphur Gasoil 1st Line Swap Day 28	Fut	Electronic	29.4	USD	FRPL	11	USD	FRPL	40.4	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	VPV	Jet CIF NWE Cargoes vs Low Sulphur Gasoil 1st Line Swap Day 29	Fut	Electronic	29.4	USD	FRPL	11	USD	FRPL	40.4	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	VPW	Jet CIF NWE Cargoes vs Low Sulphur Gasoil 1st Line Swap Day 30	Fut	Electronic	29.4	USD	FRPL	11	USD	FRPL	40.4	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	VPX	Jet CIF NWE Cargoes vs Low Sulphur Gasoil 1st Line Swap Day 31	Fut	Electronic	29.4	USD	FRPL	11	USD	FRPL	40.4	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	VRD	Argus Far East Index vs Argus CIF ARA Large Cargo BALMO Differential Swap Day 1	Fut	Electronic	80	USD	FRPL	28	USD	FRPL	108	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	VRE	Argus Far East Index vs Argus CIF ARA Large Cargo BALMO Differential Swap Day 2	Fut	Electronic	80	USD	FRPL	28	USD	FRPL	108	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	VRF	Argus Far East Index vs Argus CIF ARA Large Cargo BALMO Differential Swap Day 3	Fut	Electronic	80	USD	FRPL	28	USD	FRPL	108	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	VRG	Argus Far East Index vs Argus CIF ARA Large Cargo BALMO Differential Swap Day 4	Fut	Electronic	80	USD	FRPL	28	USD	FRPL	108	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	VRH	Argus Far East Index vs Argus CIF ARA Large Cargo BALMO Differential Swap Day 5	Fut	Electronic	80	USD	FRPL	28	USD	FRPL	108	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	VRI	Argus Far East Index vs Argus CIF ARA Large Cargo BALMO Differential Swap Day 6	Fut	Electronic	80	USD	FRPL	28	USD	FRPL	108	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	VRJ	Argus Far East Index vs Argus CIF ARA Large Cargo BALMO Differential Swap Day 7	Fut	Electronic	80	USD	FRPL	28	USD	FRPL	108	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	VRK	Argus Far East Index vs Argus CIF ARA Large Cargo BALMO Differential Swap Day 8	Fut	Electronic	80	USD	FRPL	28	USD	FRPL	108	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	VRL	Argus Far East Index vs Argus CIF ARA Large Cargo BALMO Differential Swap Day 9	Fut	Electronic	80	USD	FRPL	28	USD	FRPL	108	0.2	USD	FRPL

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ICE	Intercontinental Exchange	Energy	VRM	Argus Far East Index vs Argus CIF ARA Large Cargo BALMO Differential Swap Day 10	Fut	Electronic	80	USD	FRPL	28	USD	FRPL	108	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	VRN	Argus Far East Index vs Argus CIF ARA Large Cargo BALMO Differential Swap Day 11	Fut	Electronic	80	USD	FRPL	28	USD	FRPL	108	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	VRO	Argus Far East Index vs Argus CIF ARA Large Cargo BALMO Differential Swap Day 12	Fut	Electronic	80	USD	FRPL	28	USD	FRPL	108	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	VRP	Argus Far East Index vs Argus CIF ARA Large Cargo BALMO Differential Swap Day 13	Fut	Electronic	80	USD	FRPL	28	USD	FRPL	108	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	VRQ	Argus Far East Index vs Argus CIF ARA Large Cargo BALMO Differential Swap Day 14	Fut	Electronic	80	USD	FRPL	28	USD	FRPL	108	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	VRR	Argus Far East Index vs Argus CIF ARA Large Cargo BALMO Differential Swap Day 15	Fut	Electronic	80	USD	FRPL	28	USD	FRPL	108	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	VRS	Argus Far East Index vs Argus CIF ARA Large Cargo BALMO Differential Swap Day 16	Fut	Electronic	80	USD	FRPL	28	USD	FRPL	108	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	VRT	Argus Far East Index vs Argus CIF ARA Large Cargo BALMO Differential Swap Day 17	Fut	Electronic	80	USD	FRPL	28	USD	FRPL	108	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	VRU	Argus Far East Index vs Argus CIF ARA Large Cargo BALMO Differential Swap Day 18	Fut	Electronic	80	USD	FRPL	28	USD	FRPL	108	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	VRV	Argus Far East Index vs Argus CIF ARA Large Cargo BALMO Differential Swap Day 19	Fut	Electronic	80	USD	FRPL	28	USD	FRPL	108	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	VRW	Argus Far East Index vs Argus CIF ARA Large Cargo BALMO Differential Swap Day 20	Fut	Electronic	80	USD	FRPL	28	USD	FRPL	108	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	VRX	Argus Far East Index vs Argus CIF ARA Large Cargo BALMO Differential Swap Day 21	Fut	Electronic	80	USD	FRPL	28	USD	FRPL	108	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	VRY	Argus Far East Index vs Argus CIF ARA Large Cargo BALMO Differential Swap Day 22	Fut	Electronic	80	USD	FRPL	28	USD	FRPL	108	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	VRZ	Argus Far East Index vs Argus CIF ARA Large Cargo BALMO Differential Swap Day 23	Fut	Electronic	80	USD	FRPL	28	USD	FRPL	108	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	VSA	Argus Far East Index vs Argus CIF ARA Large Cargo BALMO Differential Swap Day 24	Fut	Electronic	80	USD	FRPL	28	USD	FRPL	108	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	VSB	Argus Far East Index vs Argus CIF ARA Large Cargo BALMO Differential Swap Day 25	Fut	Electronic	80	USD	FRPL	28	USD	FRPL	108	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	VSC	Argus Far East Index vs Argus CIF ARA Large Cargo BALMO Differential Swap Day 26	Fut	Electronic	80	USD	FRPL	28	USD	FRPL	108	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	VSD	Argus Far East Index vs Argus CIF ARA Large Cargo BALMO Differential Swap Day 27	Fut	Electronic	80	USD	FRPL	28	USD	FRPL	108	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	VSE	Argus Far East Index vs Argus CIF ARA Large Cargo BALMO Differential Swap Day 28	Fut	Electronic	80	USD	FRPL	28	USD	FRPL	108	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	VSF	Argus Far East Index vs Argus CIF ARA Large Cargo BALMO Differential Swap Day 29	Fut	Electronic	80	USD	FRPL	28	USD	FRPL	108	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	VSG	Argus Far East Index vs Argus CIF ARA Large Cargo BALMO Differential Swap Day 30	Fut	Electronic	80	USD	FRPL	28	USD	FRPL	108	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	VSH	Argus Far East Index vs Argus CIF ARA Large Cargo BALMO Differential Swap Day 31	Fut	Electronic	80	USD	FRPL	28	USD	FRPL	108	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	VUS	0.5% Singapore Gasoil vs Low Sulphur Gasoil 1st Line Balmo Swap Day 1	Fut	Electronic	3.75	USD	FRPL	1.34	USD	FRPL	5.09	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	VUT	0.5% Singapore Gasoil vs Low Sulphur Gasoil 1st Line Balmo Swap Day 2	Fut	Electronic	3.75	USD	FRPL	1.34	USD	FRPL	5.09	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	VUU	0.5% Singapore Gasoil vs Low Sulphur Gasoil 1st Line Balmo Swap Day 3	Fut	Electronic	3.75	USD	FRPL	1.34	USD	FRPL	5.09	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	VUV	0.5% Singapore Gasoil vs Low Sulphur Gasoil 1st Line Balmo Swap Day 4	Fut	Electronic	3.75	USD	FRPL	1.34	USD	FRPL	5.09	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	VUW	0.5% Singapore Gasoil vs Low Sulphur Gasoil 1st Line Balmo Swap Day 5	Fut	Electronic	3.75	USD	FRPL	1.34	USD	FRPL	5.09	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	VUX	0.5% Singapore Gasoil vs Low Sulphur Gasoil 1st Line Balmo Swap Day 6	Fut	Electronic	3.75	USD	FRPL	1.34	USD	FRPL	5.09	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	VUY	0.5% Singapore Gasoil vs Low Sulphur Gasoil 1st Line Balmo Swap Day 7	Fut	Electronic	3.75	USD	FRPL	1.34	USD	FRPL	5.09	0.2	USD	FRPL

Exch Code	Exch Desc	Comm Group	Prod Code	Product Desc	F/O	Platform	Trd Fee	Trd Fee Cur	Trd Fee Meth	Clr Fee	Clr Fee Cur	Clr Fee Meth	Fee Total	Brk Fee	Brk Fee Cur	Brk Fee Meth
ICE	Intercontinental Exchange	Energy	VUZ	0.5% Singapore Gasoil vs Low Sulphur Gasoil 1st Line Balmo Swap Day 8	Fut	Electronic	3.75	USD	FRPL	1.34	USD	FRPL	5.09	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	VVA	0.5% Singapore Gasoil vs Low Sulphur Gasoil 1st Line Balmo Swap Day 9	Fut	Electronic	3.75	USD	FRPL	1.34	USD	FRPL	5.09	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	VVB	0.5% Singapore Gasoil vs Low Sulphur Gasoil 1st Line Balmo Swap Day 10	Fut	Electronic	3.75	USD	FRPL	1.34	USD	FRPL	5.09	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	VVC	0.5% Singapore Gasoil vs Low Sulphur Gasoil 1st Line Balmo Swap Day 11	Fut	Electronic	3.75	USD	FRPL	1.34	USD	FRPL	5.09	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	VVD	0.5% Singapore Gasoil vs Low Sulphur Gasoil 1st Line Balmo Swap Day 12	Fut	Electronic	3.75	USD	FRPL	1.34	USD	FRPL	5.09	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	VVE	0.5% Singapore Gasoil vs Low Sulphur Gasoil 1st Line Balmo Swap Day 13	Fut	Electronic	3.75	USD	FRPL	1.34	USD	FRPL	5.09	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	VVF	0.5% Singapore Gasoil vs Low Sulphur Gasoil 1st Line Balmo Swap Day 14	Fut	Electronic	3.75	USD	FRPL	1.34	USD	FRPL	5.09	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	VVG	0.5% Singapore Gasoil vs Low Sulphur Gasoil 1st Line Balmo Swap Day 15	Fut	Electronic	3.75	USD	FRPL	1.34	USD	FRPL	5.09	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	VVH	0.5% Singapore Gasoil vs Low Sulphur Gasoil 1st Line Balmo Swap Day 16	Fut	Electronic	3.75	USD	FRPL	1.34	USD	FRPL	5.09	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	VVI	0.5% Singapore Gasoil vs Low Sulphur Gasoil 1st Line Balmo Swap Day 17	Fut	Electronic	3.75	USD	FRPL	1.34	USD	FRPL	5.09	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	VVJ	0.5% Singapore Gasoil vs Low Sulphur Gasoil 1st Line Balmo Swap Day 18	Fut	Electronic	3.75	USD	FRPL	1.34	USD	FRPL	5.09	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	VVK	0.5% Singapore Gasoil vs Low Sulphur Gasoil 1st Line Balmo Swap Day 19	Fut	Electronic	3.75	USD	FRPL	1.34	USD	FRPL	5.09	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	VVL	0.5% Singapore Gasoil vs Low Sulphur Gasoil 1st Line Balmo Swap Day 20	Fut	Electronic	3.75	USD	FRPL	1.34	USD	FRPL	5.09	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	VVM	0.5% Singapore Gasoil vs Low Sulphur Gasoil 1st Line Balmo Swap Day 21	Fut	Electronic	3.75	USD	FRPL	1.34	USD	FRPL	5.09	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	VVN	0.5% Singapore Gasoil vs Low Sulphur Gasoil 1st Line Balmo Swap Day 22	Fut	Electronic	3.75	USD	FRPL	1.34	USD	FRPL	5.09	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	VVO	0.5% Singapore Gasoil vs Low Sulphur Gasoil 1st Line Balmo Swap Day 23	Fut	Electronic	3.75	USD	FRPL	1.34	USD	FRPL	5.09	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	VVP	0.5% Singapore Gasoil vs Low Sulphur Gasoil 1st Line Balmo Swap Day 24	Fut	Electronic	3.75	USD	FRPL	1.34	USD	FRPL	5.09	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	VVQ	0.5% Singapore Gasoil vs Low Sulphur Gasoil 1st Line Balmo Swap Day 25	Fut	Electronic	3.75	USD	FRPL	1.34	USD	FRPL	5.09	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	VVR	0.5% Singapore Gasoil vs Low Sulphur Gasoil 1st Line Balmo Swap Day 26	Fut	Electronic	3.75	USD	FRPL	1.34	USD	FRPL	5.09	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	VVS	0.5% Singapore Gasoil vs Low Sulphur Gasoil 1st Line Balmo Swap Day 27	Fut	Electronic	3.75	USD	FRPL	1.34	USD	FRPL	5.09	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	VVT	0.5% Singapore Gasoil vs Low Sulphur Gasoil 1st Line Balmo Swap Day 28	Fut	Electronic	3.75	USD	FRPL	1.34	USD	FRPL	5.09	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	VVU	0.5% Singapore Gasoil vs Low Sulphur Gasoil 1st Line Balmo Swap Day 29	Fut	Electronic	3.75	USD	FRPL	1.34	USD	FRPL	5.09	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	VVV	0.5% Singapore Gasoil vs Low Sulphur Gasoil 1st Line Balmo Swap Day 30	Fut	Electronic	3.75	USD	FRPL	1.34	USD	FRPL	5.09	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	VVW	0.5% Singapore Gasoil vs Low Sulphur Gasoil 1st Line Balmo Swap Day 31	Fut	Electronic	3.75	USD	FRPL	1.34	USD	FRPL	5.09	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	VVX	Premium Unleaded Gasoline 10ppm FOB MED Cargoes Balmo Swap Day 1	Fut	Electronic	31.65	USD	FRPL	11	USD	FRPL	42.65	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	VVY	Premium Unleaded Gasoline 10ppm FOB MED Cargoes Balmo Swap Day 2	Fut	Electronic	31.65	USD	FRPL	11	USD	FRPL	42.65	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	VVZ	Premium Unleaded Gasoline 10ppm FOB MED Cargoes Balmo Swap Day 3	Fut	Electronic	31.65	USD	FRPL	11	USD	FRPL	42.65	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	VWA	Premium Unleaded Gasoline 10ppm FOB MED Cargoes Balmo Swap Day 4	Fut	Electronic	31.65	USD	FRPL	11	USD	FRPL	42.65	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	VWB	Premium Unleaded Gasoline 10ppm FOB MED Cargoes Balmo Swap Day 5	Fut	Electronic	31.65	USD	FRPL	11	USD	FRPL	42.65	0.2	USD	FRPL

Exch Code	Exch Desc	Comm Group	Prod Code	Product Desc	F/O	Platform	Trd Fee	Trd Fee Cur	Trd Fee Meth	Clr Fee	Clr Fee Cur	Clr Fee Meth	Fee Total	Brk Fee	Brk Fee Cur	Brk Fee Meth
ICE	Intercontinental Exchange	Energy	VWC	Premium Unleaded Gasoline 10ppm FOB MED Cargoes Balmo Swap Day 6	Fut	Electronic	31.65	USD	FRPL	11	USD	FRPL	42.65	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	VWD	Premium Unleaded Gasoline 10ppm FOB MED Cargoes Balmo Swap Day 7	Fut	Electronic	31.65	USD	FRPL	11	USD	FRPL	42.65	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	VWE	Premium Unleaded Gasoline 10ppm FOB MED Cargoes Balmo Swap Day 8	Fut	Electronic	31.65	USD	FRPL	11	USD	FRPL	42.65	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	VWF	Premium Unleaded Gasoline 10ppm FOB MED Cargoes Balmo Swap Day 9	Fut	Electronic	31.65	USD	FRPL	11	USD	FRPL	42.65	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	VWG	Premium Unleaded Gasoline 10ppm FOB MED Cargoes Balmo Swap Day 10	Fut	Electronic	31.65	USD	FRPL	11	USD	FRPL	42.65	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	VWH	Premium Unleaded Gasoline 10ppm FOB MED Cargoes Balmo Swap Day 11	Fut	Electronic	31.65	USD	FRPL	11	USD	FRPL	42.65	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	VWI	Premium Unleaded Gasoline 10ppm FOB MED Cargoes Balmo Swap Day 12	Fut	Electronic	31.65	USD	FRPL	11	USD	FRPL	42.65	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	VWJ	Premium Unleaded Gasoline 10ppm FOB MED Cargoes Balmo Swap Day 13	Fut	Electronic	31.65	USD	FRPL	11	USD	FRPL	42.65	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	VWK	Premium Unleaded Gasoline 10ppm FOB MED Cargoes Balmo Swap Day 14	Fut	Electronic	31.65	USD	FRPL	11	USD	FRPL	42.65	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	VWL	Premium Unleaded Gasoline 10ppm FOB MED Cargoes Balmo Swap Day 15	Fut	Electronic	31.65	USD	FRPL	11	USD	FRPL	42.65	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	VWM	Premium Unleaded Gasoline 10ppm FOB MED Cargoes Balmo Swap Day 16	Fut	Electronic	31.65	USD	FRPL	11	USD	FRPL	42.65	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	VWN	Premium Unleaded Gasoline 10ppm FOB MED Cargoes Balmo Swap Day 17	Fut	Electronic	31.65	USD	FRPL	11	USD	FRPL	42.65	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	VWO	Premium Unleaded Gasoline 10ppm FOB MED Cargoes Balmo Swap Day 18	Fut	Electronic	31.65	USD	FRPL	11	USD	FRPL	42.65	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	VWP	Premium Unleaded Gasoline 10ppm FOB MED Cargoes Balmo Swap Day 19	Fut	Electronic	31.65	USD	FRPL	11	USD	FRPL	42.65	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	VWQ	Premium Unleaded Gasoline 10ppm FOB MED Cargoes Balmo Swap Day 20	Fut	Electronic	31.65	USD	FRPL	11	USD	FRPL	42.65	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	VWR	Premium Unleaded Gasoline 10ppm FOB MED Cargoes Balmo Swap Day 21	Fut	Electronic	31.65	USD	FRPL	11	USD	FRPL	42.65	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	VWS	Premium Unleaded Gasoline 10ppm FOB MED Cargoes Balmo Swap Day 22	Fut	Electronic	31.65	USD	FRPL	11	USD	FRPL	42.65	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	VWT	Premium Unleaded Gasoline 10ppm FOB MED Cargoes Balmo Swap Day 23	Fut	Electronic	31.65	USD	FRPL	11	USD	FRPL	42.65	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	VWU	Premium Unleaded Gasoline 10ppm FOB MED Cargoes Balmo Swap Day 24	Fut	Electronic	31.65	USD	FRPL	11	USD	FRPL	42.65	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	VWV	Premium Unleaded Gasoline 10ppm FOB MED Cargoes Balmo Swap Day 25	Fut	Electronic	31.65	USD	FRPL	11	USD	FRPL	42.65	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	VWW	Premium Unleaded Gasoline 10ppm FOB MED Cargoes Balmo Swap Day 26	Fut	Electronic	31.65	USD	FRPL	11	USD	FRPL	42.65	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	VWX	Premium Unleaded Gasoline 10ppm FOB MED Cargoes Balmo Swap Day 27	Fut	Electronic	31.65	USD	FRPL	11	USD	FRPL	42.65	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	VWY	Premium Unleaded Gasoline 10ppm FOB MED Cargoes Balmo Swap Day 28	Fut	Electronic	31.65	USD	FRPL	11	USD	FRPL	42.65	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	VWZ	Premium Unleaded Gasoline 10ppm FOB MED Cargoes Balmo Swap Day 29	Fut	Electronic	31.65	USD	FRPL	11	USD	FRPL	42.65	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	VXA	Premium Unleaded Gasoline 10ppm FOB MED Cargoes Balmo Swap Day 30	Fut	Electronic	31.65	USD	FRPL	11	USD	FRPL	42.65	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	VXB	Premium Unleaded Gasoline 10ppm FOB MED Cargoes Balmo Swap Day 31	Fut	Electronic	31.65	USD	FRPL	11	USD	FRPL	42.65	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	VXC	Singapore Gasoil 0.05% Balmo Swap Day 1	Fut	Electronic	3.75	USD	FRPL	1.34	USD	FRPL	5.09	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	VXD	Singapore Gasoil 0.05% Balmo Swap Day 2	Fut	Electronic	3.75	USD	FRPL	1.34	USD	FRPL	5.09	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	VXE	Singapore Gasoil 0.05% Balmo Swap Day 3	Fut	Electronic	3.75	USD	FRPL	1.34	USD	FRPL	5.09	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	VXF	Singapore Gasoil 0.05% Balmo Swap Day 4	Fut	Electronic	3.75	USD	FRPL	1.34	USD	FRPL	5.09	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	VXG	Singapore Gasoil 0.05% Balmo Swap Day 5	Fut	Electronic	3.75	USD	FRPL	1.34	USD	FRPL	5.09	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	VXH	Singapore Gasoil 0.05% Balmo Swap Day 6	Fut	Electronic	3.75	USD	FRPL	1.34	USD	FRPL	5.09	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	VXI	Singapore Gasoil 0.05% Balmo Swap Day 7	Fut	Electronic	3.75	USD	FRPL	1.34	USD	FRPL	5.09	0.2	USD	FRPL

Exch Code	Exch Desc	Comm Group	Prod Code	Product Desc	F/O	Platform	Trd Fee	Trd Fee Cur	Trd Fee Meth	Clr Fee	Clr Fee Cur	Clr Fee Meth	Fee Total	Brk Fee	Brk Fee Cur	Brk Fee Meth
ICE	Intercontinental Exchange	Energy	VXJ	Singapore Gasoil 0.05% Balmo Swap Day 8	Fut	Electronic	3.75	USD	FRPL	1.34	USD	FRPL	5.09	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	VXK	Singapore Gasoil 0.05% Balmo Swap Day 9	Fut	Electronic	3.75	USD	FRPL	1.34	USD	FRPL	5.09	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	VXL	Singapore Gasoil 0.05% Balmo Swap Day 10	Fut	Electronic	3.75	USD	FRPL	1.34	USD	FRPL	5.09	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	VXM	Singapore Gasoil 0.05% Balmo Swap Day 11	Fut	Electronic	3.75	USD	FRPL	1.34	USD	FRPL	5.09	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	VXN	Singapore Gasoil 0.05% Balmo Swap Day 12	Fut	Electronic	3.75	USD	FRPL	1.34	USD	FRPL	5.09	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	VXO	Singapore Gasoil 0.05% Balmo Swap Day 13	Fut	Electronic	3.75	USD	FRPL	1.34	USD	FRPL	5.09	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	VXP	Singapore Gasoil 0.05% Balmo Swap Day 14	Fut	Electronic	3.75	USD	FRPL	1.34	USD	FRPL	5.09	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	VXQ	Singapore Gasoil 0.05% Balmo Swap Day 15	Fut	Electronic	3.75	USD	FRPL	1.34	USD	FRPL	5.09	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	VXR	Singapore Gasoil 0.05% Balmo Swap Day 16	Fut	Electronic	3.75	USD	FRPL	1.34	USD	FRPL	5.09	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	VXS	Singapore Gasoil 0.05% Balmo Swap Day 17	Fut	Electronic	3.75	USD	FRPL	1.34	USD	FRPL	5.09	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	VXT	Singapore Gasoil 0.05% Balmo Swap Day 18	Fut	Electronic	3.75	USD	FRPL	1.34	USD	FRPL	5.09	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	VXU	Singapore Gasoil 0.05% Balmo Swap Day 19	Fut	Electronic	3.75	USD	FRPL	1.34	USD	FRPL	5.09	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	VXV	Singapore Gasoil 0.05% Balmo Swap Day 20	Fut	Electronic	3.75	USD	FRPL	1.34	USD	FRPL	5.09	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	VXW	Singapore Gasoil 0.05% Balmo Swap Day 21	Fut	Electronic	3.75	USD	FRPL	1.34	USD	FRPL	5.09	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	VXX	Singapore Gasoil 0.05% Balmo Swap Day 22	Fut	Electronic	3.75	USD	FRPL	1.34	USD	FRPL	5.09	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	VXY	Singapore Gasoil 0.05% Balmo Swap Day 23	Fut	Electronic	3.75	USD	FRPL	1.34	USD	FRPL	5.09	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	VXZ	Singapore Gasoil 0.05% Balmo Swap Day 24	Fut	Electronic	3.75	USD	FRPL	1.34	USD	FRPL	5.09	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	VYA	Singapore Gasoil 0.05% Balmo Swap Day 25	Fut	Electronic	3.75	USD	FRPL	1.34	USD	FRPL	5.09	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	VYB	Singapore Gasoil 0.05% Balmo Swap Day 26	Fut	Electronic	3.75	USD	FRPL	1.34	USD	FRPL	5.09	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	VYC	Singapore Gasoil 0.05% Balmo Swap Day 27	Fut	Electronic	3.75	USD	FRPL	1.34	USD	FRPL	5.09	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	VYD	Singapore Gasoil 0.05% Balmo Swap Day 28	Fut	Electronic	3.75	USD	FRPL	1.34	USD	FRPL	5.09	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	VYE	Singapore Gasoil 0.05% Balmo Swap Day 29	Fut	Electronic	3.75	USD	FRPL	1.34	USD	FRPL	5.09	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	VYF	Singapore Gasoil 0.05% Balmo Swap Day 30	Fut	Electronic	3.75	USD	FRPL	1.34	USD	FRPL	5.09	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	VYG	Singapore Gasoil 0.05% Balmo Swap Day 31	Fut	Electronic	3.75	USD	FRPL	1.34	USD	FRPL	5.09	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	VYH	WCS TMC 1b Index Balmo Swap Day 1	Fut	Electronic	1.25	USD	FRPL	1.34	USD	FRPL	2.59	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	VYI	WCS TMC 1b Index Balmo Swap Day 2	Fut	Electronic	1.25	USD	FRPL	1.34	USD	FRPL	2.59	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	VYJ	WCS TMC 1b Index Balmo Swap Day 3	Fut	Electronic	1.25	USD	FRPL	1.34	USD	FRPL	2.59	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	VYK	WCS TMC 1b Index Balmo Swap Day 4	Fut	Electronic	1.25	USD	FRPL	1.34	USD	FRPL	2.59	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	VYL	WCS TMC 1b Index Balmo Swap Day 5	Fut	Electronic	1.25	USD	FRPL	1.34	USD	FRPL	2.59	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	VYM	WCS TMC 1b Index Balmo Swap Day 6	Fut	Electronic	1.25	USD	FRPL	1.34	USD	FRPL	2.59	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	VYN	WCS TMC 1b Index Balmo Swap Day 7	Fut	Electronic	1.25	USD	FRPL	1.34	USD	FRPL	2.59	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	VYO	WCS TMC 1b Index Balmo Swap Day 8	Fut	Electronic	1.25	USD	FRPL	1.34	USD	FRPL	2.59	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	VYP	WCS TMC 1b Index Balmo Swap Day 9	Fut	Electronic	1.25	USD	FRPL	1.34	USD	FRPL	2.59	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	VYQ	WCS TMC 1b Index Balmo Swap Day 10	Fut	Electronic	1.25	USD	FRPL	1.34	USD	FRPL	2.59	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	VYR	WCS TMC 1b Index Balmo Swap Day 11	Fut	Electronic	1.25	USD	FRPL	1.34	USD	FRPL	2.59	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	VYS	WCS TMC 1b Index Balmo Swap Day 12	Fut	Electronic	1.25	USD	FRPL	1.34	USD	FRPL	2.59	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	VYT	WCS TMC 1b Index Balmo Swap Day 13	Fut	Electronic	1.25	USD	FRPL	1.34	USD	FRPL	2.59	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	VYU	WCS TMC 1b Index Balmo Swap Day 14	Fut	Electronic	1.25	USD	FRPL	1.34	USD	FRPL	2.59	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	VYV	WCS TMC 1b Index Balmo Swap Day 15	Fut	Electronic	1.25	USD	FRPL	1.34	USD	FRPL	2.59	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	VYW	WCS TMC 1b Index Balmo Swap Day 16	Fut	Electronic	1.25	USD	FRPL	1.34	USD	FRPL	2.59	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	VYX	WCS TMC 1b Index Balmo Swap Day 17	Fut	Electronic	1.25	USD	FRPL	1.34	USD	FRPL	2.59	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	VYY	WCS TMC 1b Index Balmo Swap Day 18	Fut	Electronic	1.25	USD	FRPL	1.34	USD	FRPL	2.59	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	VYZ	WCS TMC 1b Index Balmo Swap Day 19	Fut	Electronic	1.25	USD	FRPL	1.34	USD	FRPL	2.59	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	VZA	WCS TMC 1b Index Balmo Swap Day 20	Fut	Electronic	1.25	USD	FRPL	1.34	USD	FRPL	2.59	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	VZB	WCS TMC 1b Index Balmo Swap Day 21	Fut	Electronic	1.25	USD	FRPL	1.34	USD	FRPL	2.59	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	VZC	WCS TMC 1b Index Balmo Swap Day 22	Fut	Electronic	1.25	USD	FRPL	1.34	USD	FRPL	2.59	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	VZD	WCS TMC 1b Index Balmo Swap Day 23	Fut	Electronic	1.25	USD	FRPL	1.34	USD	FRPL	2.59	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	VZE	WCS TMC 1b Index Balmo Swap Day 24	Fut	Electronic	1.25	USD	FRPL	1.34	USD	FRPL	2.59	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	VZF	WCS TMC 1b Index Balmo Swap Day 25	Fut	Electronic	1.25	USD	FRPL	1.34	USD	FRPL	2.59	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	VZG	WCS TMC 1b Index Balmo Swap Day 26	Fut	Electronic	1.25	USD	FRPL	1.34	USD	FRPL	2.59	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	VZH	WCS TMC 1b Index Balmo Swap Day 27	Fut	Electronic	1.25	USD	FRPL	1.34	USD	FRPL	2.59	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	VZI	WCS TMC 1b Index Balmo Swap Day 28	Fut	Electronic	1.25	USD	FRPL	1.34	USD	FRPL	2.59	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	VZJ	WCS TMC 1b Index Balmo Swap Day 29	Fut	Electronic	1.25	USD	FRPL	1.34	USD	FRPL	2.59	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	VZK	WCS TMC 1b Index Balmo Swap Day 30	Fut	Electronic	1.25	USD	FRPL	1.34	USD	FRPL	2.59	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	VZL	WCS TMC 1b Index Balmo Swap Day 31	Fut	Electronic	1.25	USD	FRPL	1.34	USD	FRPL	2.59	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	WAH	Waha Financial Basis	Fut	Electronic	0.14	USD	FRPL	0.52	USD	FRPL	0.66	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	WAI	Waha Financial Index	Fut	Electronic	0.14	USD	FRPL	0.52	USD	FRPL	0.66	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	WAS	Waha Financial Swing	Fut	Electronic	0.14	USD	FRPL	0.52	USD	FRPL	0.66	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	WAU	TD5 FFA - West Africa to USAC (Baltic) Swap	Fut	Electronic				3.5	USD	FRPL	3.5	0.2	USD	FRPL

Exch Code	Exch Desc	Comm Group	Prod Code	Product Desc	F/O	Platform	Trd Fee	Trd Fee Cur	Trd Fee Meth	Clr Fee	Clr Fee Cur	Clr Fee Meth	Fee Total	Brk Fee	Brk Fee Cur	Brk Fee Meth
ICE	Intercontinental Exchange	Energy	WEA	ERCOT West 345 KV Hub DA, Peak Daily	Fut	Electronic	0.04	USD	FRPL	0.08	USD	FRPL	0.12	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	WEB	ERCOT West Zone, Off-Peak Monthly	Fut	Electronic	0.01	USD	FRPL	0.04	USD	FRPL	0.05	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	WEC	ERCOT West 345 KV Hub DA, Off-Peak Daily	Fut	Electronic	0.01	USD	FRPL	0.02	USD	FRPL	0.03	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	WED	ERCOT West Zone, Off-Peak Daily	Fut	Electronic	0.13	USD	FRPL	0.25	USD	FRPL	0.38	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	WGJ	TD3 FFA - Mideast Gulf to Japan (Baltic) Swap	Fut	Electronic				3.5	USD	FRPL	3.5	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	WMJ	TC5 FFA - Mideast Gulf to Japan (Platts) Swap	Fut	Electronic				3.5	USD	FRPL	3.5	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	WNC	TD7 FFA - UK North Sea to Continent (Baltic) Swap	Fut	Electronic				3.5	USD	FRPL	3.5	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	WNU	TC2 FFA - Northwest Europe to USAC (Baltic) Swap	Fut	Electronic				3.5	USD	FRPL	3.5	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	WSJ	TC4 FFA - Singapore to Japan (Platts) Swap	Fut	Electronic				3.5	USD	FRPL	3.5	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	WSL	TC6 FFA - Skikda to Lavera (Cross Med) (Baltic)	Fut	Electronic				3.5	USD	FRPL	3.5	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	WTB	WTI Bullet Swap	Fut	Electronic	1.25	USD	FRPL	1.34	USD	FRPL	2.59	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	WUL	WTI Cash Settled Options	Opt	Electronic	1.25	USD	FRPL	1.34	USD	FRPL	2.59	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	WZA	ERCOT West Load Zone DA, Peak Daily	Fut	Electronic	0.04	USD	FRPL	0.08	USD	FRPL	0.12	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	WZB	ERCOT West Load Zone DA, Peak Monthly	Fut	Electronic	0.04	USD	FRPL	0.12	USD	FRPL	0.16	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	WZC	ERCOT West Load Zone DA, Off-Peak Daily	Fut	Electronic	0.01	USD	FRPL	0.02	USD	FRPL	0.03	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	WZD	ERCOT West Load Zone DA, Off-Peak Monthly	Fut	Electronic	0.01	USD	FRPL	0.04	USD	FRPL	0.05	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	ZCB	NYISO Zone C Day Ahead LBMP, Peak Monthly	Fut	Electronic	0.04	USD	FRPL	0.12	USD	FRPL	0.16	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	ZCD	NYISO Zone C Day Ahead LBMP, Off-Peak Monthly	Fut	Electronic	0.01	USD	FRPL	0.04	USD	FRPL	0.05	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	ZFB	NYISO Zone F Day Ahead LBMP, Peak Monthly	Fut	Electronic	0.04	USD	FRPL	0.12	USD	FRPL	0.16	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	ZFD	NYISO Zone F Day Ahead LBMP, Off-Peak Monthly	Fut	Electronic	0.01	USD	FRPL	0.04	USD	FRPL	0.05	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	ZHF	Financial Isobutane - Mt. Belvieu-LST, FP for OPIS Balmo Swap Day 1	Fut	Electronic	7.5	USD	FRPL	3.25	USD	FRPL	10.75	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	ZHG	Financial Isobutane - Mt. Belvieu-LST, FP for OPIS Balmo Swap Day 2	Fut	Electronic	7.5	USD	FRPL	3.25	USD	FRPL	10.75	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	ZHH	Financial Isobutane - Mt. Belvieu-LST, FP for OPIS Balmo Swap Day 3	Fut	Electronic	7.5	USD	FRPL	3.25	USD	FRPL	10.75	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	ZHI	Financial Isobutane - Mt. Belvieu-LST, FP for OPIS Balmo Swap Day 4	Fut	Electronic	7.5	USD	FRPL	3.25	USD	FRPL	10.75	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	ZHJ	Financial Isobutane - Mt. Belvieu-LST, FP for OPIS Balmo Swap Day 5	Fut	Electronic	7.5	USD	FRPL	3.25	USD	FRPL	10.75	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	ZHK	Financial Isobutane - Mt. Belvieu-LST, FP for OPIS Balmo Swap Day 6	Fut	Electronic	7.5	USD	FRPL	3.25	USD	FRPL	10.75	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	ZHL	Financial Isobutane - Mt. Belvieu-LST, FP for OPIS Balmo Swap Day 7	Fut	Electronic	7.5	USD	FRPL	3.25	USD	FRPL	10.75	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	ZHM	Financial Isobutane - Mt. Belvieu-LST, FP for OPIS Balmo Swap Day 8	Fut	Electronic	7.5	USD	FRPL	3.25	USD	FRPL	10.75	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	ZHN	Financial Isobutane - Mt. Belvieu-LST, FP for OPIS Balmo Swap Day 9	Fut	Electronic	7.5	USD	FRPL	3.25	USD	FRPL	10.75	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	ZHO	Financial Isobutane - Mt. Belvieu-LST, FP for OPIS Balmo Swap Day 10	Fut	Electronic	7.5	USD	FRPL	3.25	USD	FRPL	10.75	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	ZHP	Financial Isobutane - Mt. Belvieu-LST, FP for OPIS Balmo Swap Day 11	Fut	Electronic	7.5	USD	FRPL	3.25	USD	FRPL	10.75	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	ZHQ	Financial Isobutane - Mt. Belvieu-LST, FP for OPIS Balmo Swap Day 12	Fut	Electronic	7.5	USD	FRPL	3.25	USD	FRPL	10.75	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	ZHR	Financial Isobutane - Mt. Belvieu-LST, FP for OPIS Balmo Swap Day 13	Fut	Electronic	7.5	USD	FRPL	3.25	USD	FRPL	10.75	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	ZHS	Financial Isobutane - Mt. Belvieu-LST, FP for OPIS Balmo Swap Day 14	Fut	Electronic	7.5	USD	FRPL	3.25	USD	FRPL	10.75	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	ZHT	Financial Isobutane - Mt. Belvieu-LST, FP for OPIS Balmo Swap Day 15	Fut	Electronic	7.5	USD	FRPL	3.25	USD	FRPL	10.75	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	ZHU	Financial Isobutane - Mt. Belvieu-LST, FP for OPIS Balmo Swap Day 16	Fut	Electronic	7.5	USD	FRPL	3.25	USD	FRPL	10.75	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	ZHV	Financial Isobutane - Mt. Belvieu-LST, FP for OPIS Balmo Swap Day 17	Fut	Electronic	7.5	USD	FRPL	3.25	USD	FRPL	10.75	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	ZHW	Financial Isobutane - Mt. Belvieu-LST, FP for OPIS Balmo Swap Day 18	Fut	Electronic	7.5	USD	FRPL	3.25	USD	FRPL	10.75	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	ZHX	Financial Isobutane - Mt. Belvieu-LST, FP for OPIS Balmo Swap Day 19	Fut	Electronic	7.5	USD	FRPL	3.25	USD	FRPL	10.75	0.2	USD	FRPL

Exch Code	Exch Desc	Comm Group	Prod Code	Product Desc	F/O	Platform	Trd Fee	Trd Fee Cur	Trd Fee Meth	Clr Fee	Clr Fee Cur	Clr Fee Meth	Fee Total	Brk Fee	Brk Fee Cur	Brk Fee Meth
ICE	Intercontinental Exchange	Energy	ZHY	Financial Isobutane - Mt. Belvieu-LST, FP for OPIS Balmo Swap Day 20	Fut	Electronic	7.5	USD	FRPL	3.25	USD	FRPL	10.75	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	ZHZ	Financial Isobutane - Mt. Belvieu-LST, FP for OPIS Balmo Swap Day 21	Fut	Electronic	7.5	USD	FRPL	3.25	USD	FRPL	10.75	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	ZIA	Financial Isobutane - Mt. Belvieu-LST, FP for OPIS Balmo Swap Day 22	Fut	Electronic	7.5	USD	FRPL	3.25	USD	FRPL	10.75	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	ZIB	Financial Isobutane - Mt. Belvieu-LST, FP for OPIS Balmo Swap Day 23	Fut	Electronic	7.5	USD	FRPL	3.25	USD	FRPL	10.75	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	ZIC	Financial Isobutane - Mt. Belvieu-LST, FP for OPIS Balmo Swap Day 24	Fut	Electronic	7.5	USD	FRPL	3.25	USD	FRPL	10.75	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	ZID	Financial Isobutane - Mt. Belvieu-LST, FP for OPIS Balmo Swap Day 25	Fut	Electronic	7.5	USD	FRPL	3.25	USD	FRPL	10.75	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	ZIE	Financial Isobutane - Mt. Belvieu-LST, FP for OPIS Balmo Swap Day 26	Fut	Electronic	7.5	USD	FRPL	3.25	USD	FRPL	10.75	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	ZIF	Financial Isobutane - Mt. Belvieu-LST, FP for OPIS Balmo Swap Day 27	Fut	Electronic	7.5	USD	FRPL	3.25	USD	FRPL	10.75	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	ZIG	Financial Isobutane - Mt. Belvieu-LST, FP for OPIS Balmo Swap Day 28	Fut	Electronic	7.5	USD	FRPL	3.25	USD	FRPL	10.75	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	ZIH	Financial Isobutane - Mt. Belvieu-LST, FP for OPIS Balmo Swap Day 29	Fut	Electronic	7.5	USD	FRPL	3.25	USD	FRPL	10.75	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	ZII	Financial Isobutane - Mt. Belvieu-LST, FP for OPIS Balmo Swap Day 30	Fut	Electronic	7.5	USD	FRPL	3.25	USD	FRPL	10.75	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	ZIJ	Financial Isobutane - Mt. Belvieu-LST, FP for OPIS Balmo Swap Day 31	Fut	Electronic	7.5	USD	FRPL	3.25	USD	FRPL	10.75	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	ZSL	TGT Zone SL (FT) Financial Basis	Fut	Electronic	0.14	USD	FRPL	0.52	USD	FRPL	0.66	0.2	USD	FRPL
ICE	Intercontinental Exchange	Energy	ZSS	Transco Z6 (NY) Financial Swing	Fut	Electronic	0.14	USD	FRPL	0.52	USD	FRPL	0.66	0.2	USD	FRPL
IDEM	Borsa Italiana SpA	Equity		Group: IDEM4 (A2A S.p.a)	Opt	Electronic	0.26	EUR	FRPL	0.1	EUR	FRPL	0.36	0.15	EUR	FRPL
IDEM	Borsa Italiana SpA	Equity	A2A	A2A S.p.a	Fut	Electronic	0.25	EUR	FRPL	0.11	EUR	FRPL	0.36	0.15	EUR	FRPL
IDEM	Borsa Italiana SpA	Equity	A2AX	A2A S.p.a Adj	Fut	Electronic	0.25	EUR	FRPL	0.11	EUR	FRPL	0.36	0.15	EUR	FRPL
IDEM	Borsa Italiana SpA	Equity	ACE	ACEA	Fut	Electronic	0.25	EUR	FRPL	0.11	EUR	FRPL	0.36	0.15	EUR	FRPL
IDEM	Borsa Italiana SpA	Equity	ACEX	ACEA Adj	Fut	Electronic	0.25	EUR	FRPL	0.11	EUR	FRPL	0.36	0.15	EUR	FRPL
IDEM	Borsa Italiana SpA	Equity	AGL	Autogrill	Fut	Electronic	0.25	EUR	FRPL	0.11	EUR	FRPL	0.36	0.15	EUR	FRPL
IDEM	Borsa Italiana SpA	Equity	AH	Ahold Kon	Fut	Electronic	0.25	EUR	FRPL	0.11	EUR	FRPL	0.36	0.15	EUR	FRPL
IDEM	Borsa Italiana SpA	Equity	AKZA	Akzo Nobel	Fut	Electronic	0.25	EUR	FRPL	0.11	EUR	FRPL	0.36	0.15	EUR	FRPL
IDEM	Borsa Italiana SpA	Equity	ATL	Atlantia S.p.a	Fut	Electronic	0.25	EUR	FRPL	0.11	EUR	FRPL	0.36	0.15	EUR	FRPL
IDEM	Borsa Italiana SpA	Equity	ATLX	Atlantia S.p.a Adj	Fut	Electronic	0.25	EUR	FRPL	0.11	EUR	FRPL	0.36	0.15	EUR	FRPL
IDEM	Borsa Italiana SpA	Equity	AZM	Azimut Holding	Fut	Electronic	0.25	EUR	FRPL	0.11	EUR	FRPL	0.36	0.15	EUR	FRPL
IDEM	Borsa Italiana SpA	Equity	AZMX	Azimut Holding Adj	Fut	Electronic	0.25	EUR	FRPL	0.11	EUR	FRPL	0.36	0.15	EUR	FRPL
IDEM	Borsa Italiana SpA	Equity	BBVASM	Banco Bilbao Vizcaya Argentaria	Fut	Electronic	0.25	EUR	FRPL	0.11	EUR	FRPL	0.36	0.15	EUR	FRPL
IDEM	Borsa Italiana SpA	Equity	BEN	Benetton Group	Fut	Electronic	0.25	EUR	FRPL	0.11	EUR	FRPL	0.36	0.15	EUR	FRPL
IDEM	Borsa Italiana SpA	Equity	BMPS	Banca Monte dei Paschi di Siena SpA	Fut	Electronic	0.25	EUR	FRPL	0.11	EUR	FRPL	0.36	0.15	EUR	FRPL
IDEM	Borsa Italiana SpA	Equity	BMPS1	Banca Monte dei Paschi di Siena SpA Adj	Fut	Electronic	0.25	EUR	FRPL	0.11	EUR	FRPL	0.36	0.15	EUR	FRPL
IDEM	Borsa Italiana SpA	Equity	BMPS2	Banca Monte dei Paschi di Siena SpA Adj	Fut	Electronic	0.25	EUR	FRPL	0.11	EUR	FRPL	0.36	0.15	EUR	FRPL
IDEM	Borsa Italiana SpA	Equity	BP	Banco Popolare	Fut	Electronic	0.25	EUR	FRPL	0.11	EUR	FRPL	0.36	0.15	EUR	FRPL
IDEM	Borsa Italiana SpA	Equity	BP1	Banco Popolare Adj	Fut	Electronic	0.25	EUR	FRPL	0.11	EUR	FRPL	0.36	0.15	EUR	FRPL
IDEM	Borsa Italiana SpA	Equity	BUL	Bulgari	Fut	Electronic	0.25	EUR	FRPL	0.11	EUR	FRPL	0.36	0.15	EUR	FRPL
IDEM	Borsa Italiana SpA	Equity	BZU	Buzzi Unicem	Fut	Electronic	0.25	EUR	FRPL	0.11	EUR	FRPL	0.36	0.15	EUR	FRPL
IDEM	Borsa Italiana SpA	Equity	CASS	Cattolica Assicurazioni	Fut	Electronic	0.25	EUR	FRPL	0.11	EUR	FRPL	0.36	0.15	EUR	FRPL
IDEM	Borsa Italiana SpA	Equity	CIR	CIR	Fut	Electronic	0.25	EUR	FRPL	0.11	EUR	FRPL	0.36	0.15	EUR	FRPL
IDEM	Borsa Italiana SpA	Equity	CPR	Campari	Fut	Electronic	0.25	EUR	FRPL	0.11	EUR	FRPL	0.36	0.15	EUR	FRPL
IDEM	Borsa Italiana SpA	Equity	CPRX	Campari Adj	Fut	Electronic	0.25	EUR	FRPL	0.11	EUR	FRPL	0.36	0.15	EUR	FRPL
IDEM	Borsa Italiana SpA	Equity	CRG	Banca Carige	Fut	Electronic	0.25	EUR	FRPL	0.11	EUR	FRPL	0.36	0.15	EUR	FRPL
IDEM	Borsa Italiana SpA	Equity	EGPW	Enel Green Power	Fut	Electronic	0.25	EUR	FRPL	0.11	EUR	FRPL	0.36	0.15	EUR	FRPL
IDEM	Borsa Italiana SpA	Equity	ENEL	Enel	Fut	Electronic	0.25	EUR	FRPL	0.11	EUR	FRPL	0.36	0.15	EUR	FRPL
IDEM	Borsa Italiana SpA	Equity	ENELX	Enel Adj	Fut	Electronic	0.25	EUR	FRPL	0.11	EUR	FRPL	0.36	0.15	EUR	FRPL
IDEM	Borsa Italiana SpA	Equity	ENI	Eni	Fut	Electronic	0.25	EUR	FRPL	0.11	EUR	FRPL	0.36	0.15	EUR	FRPL
IDEM	Borsa Italiana SpA	Equity	ERG	Erg	Fut	Electronic	0.25	EUR	FRPL	0.11	EUR	FRPL	0.36	0.15	EUR	FRPL
IDEM	Borsa Italiana SpA	Equity	ES	Gruppo Editoriale L'Espresso	Fut	Electronic	0.25	EUR	FRPL	0.11	EUR	FRPL	0.36	0.15	EUR	FRPL
IDEM	Borsa Italiana SpA	Equity	ESREP	Repsol	Fut	Electronic	0.25	EUR	FRPL	0.11	EUR	FRPL	0.36	0.15	EUR	FRPL

Exch Code	Exch Desc	Comm Group	Prod Code	Product Desc	F/O	Platform	Trd Fee	Trd Fee Cur	Trd Fee Meth	Clr Fee	Clr Fee Cur	Clr Fee Meth	Fee Total	Brk Fee	Brk Fee Cur	Brk Fee Meth
IDEM	Borsa Italiana SpA	Equity	EXO	EXOR	Fut	Electronic	0.25	EUR	FRPL	0.11	EUR	FRPL	0.36	0.15	EUR	FRPL
IDEM	Borsa Italiana SpA	Equity	EXOX	EXOR Adj	Fut	Electronic	0.25	EUR	FRPL	0.11	EUR	FRPL	0.36	0.15	EUR	FRPL
IDEM	Borsa Italiana SpA	Equity	F	Fiat	Fut	Electronic	0.25	EUR	FRPL	0.11	EUR	FRPL	0.36	0.15	EUR	FRPL
IDEM	Borsa Italiana SpA	Index	FDIV	FTSE MIB Dividend Index	Fut	Electronic	0.5	EUR	FRPL	0.25	EUR	FRPL	0.75	0.15	EUR	FRPL
IDEM	Borsa Italiana SpA	Equity	FI	Fiat Industrial	Fut	Electronic	0.25	EUR	FRPL	0.11	EUR	FRPL	0.36	0.15	EUR	FRPL
IDEM	Borsa Italiana SpA	Index	FIB	FTSE MIB Index	Fut	Electronic	0.5	EUR	FRPL	0.25	EUR	FRPL	0.75	0.15	EUR	FRPL
IDEM	Borsa Italiana SpA	Equity	FNC	Finmeccanica	Fut	Electronic	0.25	EUR	FRPL	0.11	EUR	FRPL	0.36	0.15	EUR	FRPL
IDEM	Borsa Italiana SpA	Equity	FNCX	Finmeccanica Adj	Fut	Electronic	0.25	EUR	FRPL	0.11	EUR	FRPL	0.36	0.15	EUR	FRPL
IDEM	Borsa Italiana SpA	Equity	FSA	Fondiaria-Sai	Fut	Electronic	0.25	EUR	FRPL	0.11	EUR	FRPL	0.36	0.15	EUR	FRPL
IDEM	Borsa Italiana SpA	Equity	FSAX	Fondiaria-Sai Adj	Fut	Electronic	0.25	EUR	FRPL	0.11	EUR	FRPL	0.36	0.15	EUR	FRPL
IDEM	Borsa Italiana SpA	Equity	G	Generali Assicurazioni	Fut	Electronic	0.25	EUR	FRPL	0.11	EUR	FRPL	0.36	0.15	EUR	FRPL
IDEM	Borsa Italiana SpA	Equity	GBRDSG	Royal Dutch Shell A	Fut	Electronic	0.25	EUR	FRPL	0.11	EUR	FRPL	0.36	0.15	EUR	FRPL
IDEM	Borsa Italiana SpA	Equity	GEO	GEOX	Fut	Electronic	0.25	EUR	FRPL	0.11	EUR	FRPL	0.36	0.15	EUR	FRPL
IDEM	Borsa Italiana SpA	Equity	GXX	Generali Assicurazioni Adj	Fut	Electronic	0.25	EUR	FRPL	0.11	EUR	FRPL	0.36	0.15	EUR	FRPL
IDEM	Borsa Italiana SpA	Equity	HEIA	Heineken	Fut	Electronic	0.25	EUR	FRPL	0.11	EUR	FRPL	0.36	0.15	EUR	FRPL
IDEM	Borsa Italiana SpA	Equity	IBESM	Iberdrola	Fut	Electronic	0.25	EUR	FRPL	0.11	EUR	FRPL	0.36	0.15	EUR	FRPL
IDEM	Borsa Italiana SpA	Equity	INGA	Ing Groep	Fut	Electronic	0.25	EUR	FRPL	0.11	EUR	FRPL	0.36	0.15	EUR	FRPL
IDEM	Borsa Italiana SpA	Equity	IPG	Impregilo	Fut	Electronic	0.25	EUR	FRPL	0.11	EUR	FRPL	0.36	0.15	EUR	FRPL
IDEM	Borsa Italiana SpA	Equity	ISP	Intesa Sanpaolo	Fut	Electronic	0.25	EUR	FRPL	0.11	EUR	FRPL	0.36	0.15	EUR	FRPL
IDEM	Borsa Italiana SpA	Equity	ISPR	Intesa Sanpaolo Risparmio	Fut	Electronic	0.25	EUR	FRPL	0.11	EUR	FRPL	0.36	0.15	EUR	FRPL
IDEM	Borsa Italiana SpA	Equity	ISPRX	Intesa Sanpaolo Risparmio Adj	Fut	Electronic	0.25	EUR	FRPL	0.11	EUR	FRPL	0.36	0.15	EUR	FRPL
IDEM	Borsa Italiana SpA	Equity	ISPX	Intesa Sanpaolo Adj	Fut	Electronic	0.25	EUR	FRPL	0.11	EUR	FRPL	0.36	0.15	EUR	FRPL
IDEM	Borsa Italiana SpA	Equity	IT	Italcementi	Fut	Electronic	0.25	EUR	FRPL	0.11	EUR	FRPL	0.36	0.15	EUR	FRPL
IDEM	Borsa Italiana SpA	Equity	KPN	Koninklijke Kpn	Fut	Electronic	0.25	EUR	FRPL	0.11	EUR	FRPL	0.36	0.15	EUR	FRPL
IDEM	Borsa Italiana SpA	Equity	LTO	Lottomatica	Fut	Electronic	0.25	EUR	FRPL	0.11	EUR	FRPL	0.36	0.15	EUR	FRPL
IDEM	Borsa Italiana SpA	Equity	LUX	Luxottica Group	Fut	Electronic	0.25	EUR	FRPL	0.11	EUR	FRPL	0.36	0.15	EUR	FRPL
IDEM	Borsa Italiana SpA	Equity	MB	Mediobanca	Fut	Electronic	0.25	EUR	FRPL	0.11	EUR	FRPL	0.36	0.15	EUR	FRPL
IDEM	Borsa Italiana SpA	Equity	MBX	Mediobanca Adj	Fut	Electronic	0.25	EUR	FRPL	0.11	EUR	FRPL	0.36	0.15	EUR	FRPL
IDEM	Borsa Italiana SpA	Equity	MED	Mediolanum	Fut	Electronic	0.25	EUR	FRPL	0.11	EUR	FRPL	0.36	0.15	EUR	FRPL
IDEM	Borsa Italiana SpA	Index	MFI100	Mini FTSE 100 Index	Fut	Electronic	0.18	EUR	FRPL	0.15	EUR	FRPL	0.33	0.15	EUR	FRPL
IDEM	Borsa Italiana SpA	Index	MIBO	FTSE MIB Index	Opt	Electronic	0.41	EUR	FRPL	0.3	EUR	FRPL	0.71	0.15	EUR	FRPL
IDEM	Borsa Italiana SpA	Index	MIBOW	FTSE MIB Index - Weekly	Opt	Electronic	0.41	EUR	FRPL	0.3	EUR	FRPL	0.71	0.15	EUR	FRPL
IDEM	Borsa Italiana SpA	Index	MINIFIB	Mini FTSE MIB Index	Fut	Electronic	0.18	EUR	FRPL	0.15	EUR	FRPL	0.33	0.15	EUR	FRPL
IDEM	Borsa Italiana SpA	Equity	MN	Mondadori Editore	Fut	Electronic	0.25	EUR	FRPL	0.11	EUR	FRPL	0.36	0.15	EUR	FRPL
IDEM	Borsa Italiana SpA	Equity	MS	Mediaset	Fut	Electronic	0.25	EUR	FRPL	0.11	EUR	FRPL	0.36	0.15	EUR	FRPL
IDEM	Borsa Italiana SpA	Equity	MSX	Mediaset Adj	Fut	Electronic	0.25	EUR	FRPL	0.11	EUR	FRPL	0.36	0.15	EUR	FRPL
IDEM	Borsa Italiana SpA	Equity	PC	Pirelli & C	Fut	Electronic	0.25	EUR	FRPL	0.11	EUR	FRPL	0.36	0.15	EUR	FRPL
IDEM	Borsa Italiana SpA	Equity	PCX	Pirelli & C Adj	Fut	Electronic	0.25	EUR	FRPL	0.11	EUR	FRPL	0.36	0.15	EUR	FRPL
IDEM	Borsa Italiana SpA	Equity	PCXX	Pirelli & C Adj	Fut	Electronic	0.25	EUR	FRPL	0.11	EUR	FRPL	0.36	0.15	EUR	FRPL
IDEM	Borsa Italiana SpA	Equity	PG	Seat Pagine Gialle	Fut	Electronic	0.25	EUR	FRPL	0.11	EUR	FRPL	0.36	0.15	EUR	FRPL
IDEM	Borsa Italiana SpA	Equity	PGX	Seat Pagine Gialle Adj	Fut	Electronic	0.25	EUR	FRPL	0.11	EUR	FRPL	0.36	0.15	EUR	FRPL
IDEM	Borsa Italiana SpA	Equity	PGXX	Seat Pagine Gialle Adj	Fut	Electronic	0.25	EUR	FRPL	0.11	EUR	FRPL	0.36	0.15	EUR	FRPL
IDEM	Borsa Italiana SpA	Equity	PHIA	Philips	Fut	Electronic	0.25	EUR	FRPL	0.11	EUR	FRPL	0.36	0.15	EUR	FRPL
IDEM	Borsa Italiana SpA	Equity	PLT	Parmalat	Fut	Electronic	0.25	EUR	FRPL	0.11	EUR	FRPL	0.36	0.15	EUR	FRPL
IDEM	Borsa Italiana SpA	Equity	PLTX	Parmalat Adj	Fut	Electronic	0.25	EUR	FRPL	0.11	EUR	FRPL	0.36	0.15	EUR	FRPL
IDEM	Borsa Italiana SpA	Equity	PLTXX	Parmalat Adj	Fut	Electronic	0.25	EUR	FRPL	0.11	EUR	FRPL	0.36	0.15	EUR	FRPL
IDEM	Borsa Italiana SpA	Equity	PMI	Banca Popolare Milano	Fut	Electronic	0.25	EUR	FRPL	0.11	EUR	FRPL	0.36	0.15	EUR	FRPL
IDEM	Borsa Italiana SpA	Equity	PMIX	Banca Popolare Milano Adj	Fut	Electronic	0.25	EUR	FRPL	0.11	EUR	FRPL	0.36	0.15	EUR	FRPL
IDEM	Borsa Italiana SpA	Equity	PRY	Prysmian	Fut	Electronic	0.25	EUR	FRPL	0.11	EUR	FRPL	0.36	0.15	EUR	FRPL
IDEM	Borsa Italiana SpA	Equity	REC	Recordati	Fut	Electronic	0.25	EUR	FRPL	0.11	EUR	FRPL	0.36	0.15	EUR	FRPL
IDEM	Borsa Italiana SpA	Equity	SANT	Banco Santander	Fut	Electronic	0.25	EUR	FRPL	0.11	EUR	FRPL	0.36	0.15	EUR	FRPL
IDEM	Borsa Italiana SpA	Equity	SPM	Saipem	Fut	Electronic	0.25	EUR	FRPL	0.11	EUR	FRPL	0.36	0.15	EUR	FRPL
IDEM	Borsa Italiana SpA	Equity	SRG	Snam Rete Gas	Fut	Electronic	0.25	EUR	FRPL	0.11	EUR	FRPL	0.36	0.15	EUR	FRPL
IDEM	Borsa Italiana SpA	Equity	SRGX	Snam Rete Gas Adj	Fut	Electronic	0.25	EUR	FRPL	0.11	EUR	FRPL	0.36	0.15	EUR	FRPL
IDEM	Borsa Italiana SpA	Equity	SRS	Saras	Fut	Electronic	0.25	EUR	FRPL	0.11	EUR	FRPL	0.36	0.15	EUR	FRPL
IDEM	Borsa Italiana SpA	Equity	STM	STMicroelectronics	Fut	Electronic	0.25	EUR	FRPL	0.11	EUR	FRPL	0.36	0.15	EUR	FRPL
IDEM	Borsa Italiana SpA	Equity	STM1	STMicroelectronics Adj	Fut	Electronic	0.25	EUR	FRPL	0.11	EUR	FRPL	0.36	0.15	EUR	FRPL
IDEM	Borsa Italiana SpA	Equity	STS	Ansaldo STS	Fut	Electronic	0.25	EUR	FRPL	0.11	EUR	FRPL	0.36	0.15	EUR	FRPL
IDEM	Borsa Italiana SpA	Equity	STSX	Ansaldo STS Adj	Fut	Electronic	0.25	EUR	FRPL	0.11	EUR	FRPL	0.36	0.15	EUR	FRPL

Exch Code	Exch Desc	Comm Group	Prod Code	Product Desc	F/O	Platform	Trd Fee	Trd Fee Cur	Trd Fee Meth	Clr Fee	Clr Fee Cur	Clr Fee Meth	Fee Total	Brk Fee	Brk Fee Cur	Brk Fee Meth
IDEM	Borsa Italiana SpA	Equity	TEF	Telefonica	Fut	Electronic	0.25	EUR	FRPL	0.11	EUR	FRPL	0.36	0.15	EUR	FRPL
IDEM	Borsa Italiana SpA	Equity	TEN	Tenaris	Fut	Electronic	0.25	EUR	FRPL	0.11	EUR	FRPL	0.36	0.15	EUR	FRPL
IDEM	Borsa Italiana SpA	Equity	TENX	Tenaris Adj	Fut	Electronic	0.25	EUR	FRPL	0.11	EUR	FRPL	0.36	0.15	EUR	FRPL
IDEM	Borsa Italiana SpA	Equity	TENXX	Tenaris Adj	Fut	Electronic	0.25	EUR	FRPL	0.11	EUR	FRPL	0.36	0.15	EUR	FRPL
IDEM	Borsa Italiana SpA	Equity	TIS	Tiscali	Fut	Electronic	0.25	EUR	FRPL	0.11	EUR	FRPL	0.36	0.15	EUR	FRPL
IDEM	Borsa Italiana SpA	Equity	TISX	Tiscali Adj	Fut	Electronic	0.25	EUR	FRPL	0.11	EUR	FRPL	0.36	0.15	EUR	FRPL
IDEM	Borsa Italiana SpA	Equity	TISXX	Tiscali Adj	Fut	Electronic	0.25	EUR	FRPL	0.11	EUR	FRPL	0.36	0.15	EUR	FRPL
IDEM	Borsa Italiana SpA	Equity	TIT	Telecom Italia	Fut	Electronic	0.25	EUR	FRPL	0.11	EUR	FRPL	0.36	0.15	EUR	FRPL
IDEM	Borsa Italiana SpA	Equity	TITR	Telecom Italia Risparmio	Fut	Electronic	0.25	EUR	FRPL	0.11	EUR	FRPL	0.36	0.15	EUR	FRPL
IDEM	Borsa Italiana SpA	Equity	TOD	Tod's	Fut	Electronic	0.25	EUR	FRPL	0.11	EUR	FRPL	0.36	0.15	EUR	FRPL
IDEM	Borsa Italiana SpA	Equity	TRN	Terna	Fut	Electronic	0.25	EUR	FRPL	0.11	EUR	FRPL	0.36	0.15	EUR	FRPL
IDEM	Borsa Italiana SpA	Equity	UBI	UBI Banca	Fut	Electronic	0.25	EUR	FRPL	0.11	EUR	FRPL	0.36	0.15	EUR	FRPL
IDEM	Borsa Italiana SpA	Equity	UBIX	UBI Banca Adj	Fut	Electronic	0.25	EUR	FRPL	0.11	EUR	FRPL	0.36	0.15	EUR	FRPL
IDEM	Borsa Italiana SpA	Equity	UCG	Unicredit	Fut	Electronic	0.25	EUR	FRPL	0.11	EUR	FRPL	0.36	0.15	EUR	FRPL
IDEM	Borsa Italiana SpA	Equity	UCGX	Unicredit Adj	Fut	Electronic	0.25	EUR	FRPL	0.11	EUR	FRPL	0.36	0.15	EUR	FRPL
IDEM	Borsa Italiana SpA	Equity	UCGXX	Unicredit Adj	Fut	Electronic	0.25	EUR	FRPL	0.11	EUR	FRPL	0.36	0.15	EUR	FRPL
IDEM	Borsa Italiana SpA	Equity	UNA	Unilever	Fut	Electronic	0.25	EUR	FRPL	0.11	EUR	FRPL	0.36	0.15	EUR	FRPL
IDEM	Borsa Italiana SpA	Equity	UNI	Unipol	Fut	Electronic	0.25	EUR	FRPL	0.11	EUR	FRPL	0.36	0.15	EUR	FRPL
IDEM	Borsa Italiana SpA	Equity	UNIX	Unipol Adj	Fut	Electronic	0.25	EUR	FRPL	0.11	EUR	FRPL	0.36	0.15	EUR	FRPL
IFED	ICE Futures US Energy Division	Energy	ADA	PJM AEP Dayton Hub Day-Ahead Peak Daily Fixed Price Swap	Fut	Electronic	0.12	USD	FRPL				0.12			
IFED	ICE Futures US Energy Division	Energy	ADA	PJM AEP Dayton Hub Day-Ahead Peak Daily Fixed Price Swap	Fut	Floor	0.12	USD	FRPL				0.12			
IFED	ICE Futures US Energy Division	Energy	ADB	PJM AEP Dayton Hub Day-Ahead Peak Fixed Price Swap	Fut	Electronic	0.16	USD	FRPL				0.16			
IFED	ICE Futures US Energy Division	Energy	ADB	PJM AEP Dayton Hub Day-Ahead Peak Fixed Price Swap	Fut	Floor	0.16	USD	FRPL				0.16			
IFED	ICE Futures US Energy Division	Energy	ADC	PJM AEP Dayton Hub Day-Ahead Off-Peak Daily Fixed Price Swap	Fut	Electronic	0.04	USD	FRPL				0.04			
IFED	ICE Futures US Energy Division	Energy	ADC	PJM AEP Dayton Hub Day-Ahead Off-Peak Daily Fixed Price Swap	Fut	Floor	0.04	USD	FRPL				0.04			
IFED	ICE Futures US Energy Division	Energy	ADD	PJM AEP Dayton Hub Day-Ahead Off-Peak Fixed Price Swap	Fut	Electronic	0.05	USD	FRPL				0.05			
IFED	ICE Futures US Energy Division	Energy	ADD	PJM AEP Dayton Hub Day-Ahead Off-Peak Fixed Price Swap	Fut	Floor	0.05	USD	FRPL				0.05			
IFED	ICE Futures US Energy Division	Energy	ADO	PJM AEP Dayton Hub Real-Time Off-Peak Daily Fixed Price Swap	Fut	Electronic	0.37	USD	FRPL				0.37			
IFED	ICE Futures US Energy Division	Energy	ADO	PJM AEP Dayton Hub Real-Time Off-Peak Daily Fixed Price Swap	Fut	Floor	0.37	USD	FRPL				0.37			
IFED	ICE Futures US Energy Division	Energy	ADP	NYISO Zone A Day-Ahead Peak Daily Fixed Price Swap	Fut	Electronic	6	USD	FRPL				6			
IFED	ICE Futures US Energy Division	Energy	ADP	NYISO Zone A Day-Ahead Peak Daily Fixed Price Swap	Fut	Floor	6	USD	FRPL				6			
IFED	ICE Futures US Energy Division	Energy	AEC	AB NIT Basis Swap	Fut	Electronic	0.66	USD	FRPL				0.66			
IFED	ICE Futures US Energy Division	Energy	AEC	AB NIT Basis Swap	Fut	Floor	0.66	USD	FRPL				0.66			
IFED	ICE Futures US Energy Division	Energy	AIS	AB NIT Index Swap	Fut	Electronic	0.66	USD	FRPL				0.66			
IFED	ICE Futures US Energy Division	Energy	AIS	AB NIT Index Swap	Fut	Floor	0.66	USD	FRPL				0.66			
IFED	ICE Futures US Energy Division	Energy	ALI	Algonquin Citygates Index Swap	Fut	Electronic	0.66	USD	FRPL				0.66			
IFED	ICE Futures US Energy Division	Energy	ALI	Algonquin Citygates Index Swap	Fut	Floor	0.66	USD	FRPL				0.66			
IFED	ICE Futures US Energy Division	Energy	ALQ	Algonquin Citygates Basis Swap	Fut	Electronic	0.66	USD	FRPL				0.66			
IFED	ICE Futures US Energy Division	Energy	ALQ	Algonquin Citygates Basis Swap	Fut	Floor	0.66	USD	FRPL				0.66			
IFED	ICE Futures US Energy Division	Energy	ALS	Algonquin Citygates Swing Swap	Fut	Electronic	0.66	USD	FRPL				0.66			
IFED	ICE Futures US Energy Division	Energy	ALS	Algonquin Citygates Swing Swap	Fut	Floor	0.66	USD	FRPL				0.66			
IFED	ICE Futures US Energy Division	Energy	ANO	ANR SW (Oklahoma) Basis Swap	Fut	Electronic	0.66	USD	FRPL				0.66			
IFED	ICE Futures US Energy Division	Energy	ANO	ANR SW (Oklahoma) Basis Swap	Fut	Floor	0.66	USD	FRPL				0.66			
IFED	ICE Futures US Energy Division	Energy	AOD	PJM AEP Dayton Hub Real-Time Off-Peak Fixed Price Swap	Fut	Electronic	0.5	USD	FRPL				0.5			
IFED	ICE Futures US Energy Division	Energy	AOD	PJM AEP Dayton Hub Real-Time Off-Peak Fixed Price Swap	Fut	Floor	0.5	USD	FRPL				0.5			
IFED	ICE Futures US Energy Division	Energy	AOD	PJM AEP Dayton Hub Real-Time Off-Peak Fixed Price Swap	Opt	Electronic	0.5	USD	FRPL				0.5			
IFED	ICE Futures US Energy Division	Energy	AOD	PJM AEP Dayton Hub Real-Time Off-Peak Fixed Price Swap	Opt	Floor	0.5	USD	FRPL				0.5			
IFED	ICE Futures US Energy Division	Energy	AOI	ANR SW (Oklahoma) Index Swap	Fut	Electronic	0.66	USD	FRPL				0.66			
IFED	ICE Futures US Energy Division	Energy	AOI	ANR SW (Oklahoma) Index Swap	Fut	Floor	0.66	USD	FRPL				0.66			
IFED	ICE Futures US Energy Division	Energy	AOP	NYISO Zone A Day-Ahead Off-Peak Fixed Price Swap	Fut	Electronic	0.5	USD	FRPL				0.5			
IFED	ICE Futures US Energy Division	Energy	AOP	NYISO Zone A Day-Ahead Off-Peak Fixed Price Swap	Fut	Floor	0.5	USD	FRPL				0.5			
IFED	ICE Futures US Energy Division	Energy	AOS	ANR SW (Oklahoma) Swing Swap	Fut	Electronic	0.66	USD	FRPL				0.66			
IFED	ICE Futures US Energy Division	Energy	AOS	ANR SW (Oklahoma) Swing Swap	Fut	Floor	0.66	USD	FRPL				0.66			

Exch Code	Exch Desc	Comm Group	Prod Code	Product Desc	F/O	Platform	Trd Fee	Trd Fee Cur	Trd Fee Meth	Clr Fee	Clr Fee Cur	Clr Fee Meth	Fee Total	Brk Fee	Brk Fee Cur	Brk Fee Meth
IFED	ICE Futures US Energy Division	Energy	API	ANR SE (Louisiana) Index Swap	Fut	Electronic	0.66	USD	FRPL				0.66			
IFED	ICE Futures US Energy Division	Energy	API	ANR SE (Louisiana) Index Swap	Fut	Floor	0.66	USD	FRPL				0.66			
IFED	ICE Futures US Energy Division	Energy	APO	NYISO Zone A Day-Ahead Off-Peak Daily Fixed Price Swap	Fut	Electronic	0.37	USD	FRPL				0.37			
IFED	ICE Futures US Energy Division	Energy	APO	NYISO Zone A Day-Ahead Off-Peak Daily Fixed Price Swap	Fut	Floor	0.37	USD	FRPL				0.37			
IFED	ICE Futures US Energy Division	Energy	APS	ANR SE (Louisiana) Swing Swap	Fut	Electronic	0.66	USD	FRPL				0.66			
IFED	ICE Futures US Energy Division	Energy	APS	ANR SE (Louisiana) Swing Swap	Fut	Floor	0.66	USD	FRPL				0.66			
IFED	ICE Futures US Energy Division	Energy	ARY	PJM AEP Dayton Hub Real-Time Peak Calendar Year One Time Fixed Price Swap	Fut	Electronic	8	USD	FRPL				8			
IFED	ICE Futures US Energy Division	Energy	ARY	PJM AEP Dayton Hub Real-Time Peak Calendar Year One Time Fixed Price Swap	Fut	Floor	8	USD	FRPL				8			
IFED	ICE Futures US Energy Division	Energy	ARY	PJM AEP Dayton Hub Real-Time Peak Calendar Year One Time Fixed Price Swap	Opt	Electronic	8	USD	FRPL				8			
IFED	ICE Futures US Energy Division	Energy	ARY	PJM AEP Dayton Hub Real-Time Peak Calendar Year One Time Fixed Price Swap	Opt	Floor	8	USD	FRPL				8			
IFED	ICE Futures US Energy Division	Energy	ARZ	PJM AEP Dayton Hub Real-Time Off-Peak Calendar Year One Time Fixed Price Swap	Fut	Electronic	0.5	USD	FRPL				0.5			
IFED	ICE Futures US Energy Division	Energy	ARZ	PJM AEP Dayton Hub Real-Time Off-Peak Calendar Year One Time Fixed Price Swap	Fut	Floor	0.5	USD	FRPL				0.5			
IFED	ICE Futures US Energy Division	Energy	ARZ	PJM AEP Dayton Hub Real-Time Off-Peak Calendar Year One Time Fixed Price Swap	Opt	Electronic	0.5	USD	FRPL				0.5			
IFED	ICE Futures US Energy Division	Energy	ARZ	PJM AEP Dayton Hub Real-Time Off-Peak Calendar Year One Time Fixed Price Swap	Opt	Floor	0.5	USD	FRPL				0.5			
IFED	ICE Futures US Energy Division	Energy	ASS	AB NIT Swing Swap	Fut	Electronic	0.66	USD	FRPL				0.66			
IFED	ICE Futures US Energy Division	Energy	ASS	AB NIT Swing Swap	Fut	Floor	0.66	USD	FRPL				0.66			
IFED	ICE Futures US Energy Division	Energy	BGY	PJM BGE Zone Day-Ahead Peak Fixed Price Swap	Fut	Electronic	0.16	USD	FRPL				0.16			
IFED	ICE Futures US Energy Division	Energy	BGY	PJM BGE Zone Day-Ahead Peak Fixed Price Swap	Fut	Floor	0.16	USD	FRPL				0.16			
IFED	ICE Futures US Energy Division	Energy	BGZ	PJM BGE Zone Day-Ahead Off-Peak Fixed Price Swap	Fut	Electronic	0.05	USD	FRPL				0.05			
IFED	ICE Futures US Energy Division	Energy	BGZ	PJM BGE Zone Day-Ahead Off-Peak Fixed Price Swap	Fut	Floor	0.05	USD	FRPL				0.05			
IFED	ICE Futures US Energy Division	Energy	CAL	California Carbon Allowance Future-Vintage 2013	Fut	Electronic	5	USD	FRPL				5			
IFED	ICE Futures US Energy Division	Energy	CAL	California Carbon Allowance Future-Vintage 2013	Fut	Floor	5	USD	FRPL				5			
IFED	ICE Futures US Energy Division	Energy	CAL	California Carbon Allowance Future-Vintage 2013	Opt	Electronic	5	USD	FRPL				5			
IFED	ICE Futures US Energy Division	Energy	CAL	California Carbon Allowance Future-Vintage 2013	Opt	Floor	5	USD	FRPL				5			
IFED	ICE Futures US Energy Division	Energy	CAM	California Carbon Allowance Future-Vintage 2014	Fut	Electronic	5	USD	FRPL				5			
IFED	ICE Futures US Energy Division	Energy	CAM	California Carbon Allowance Future-Vintage 2014	Fut	Floor	5	USD	FRPL				5			
IFED	ICE Futures US Energy Division	Energy	CAM	California Carbon Allowance Future-Vintage 2014	Opt	Electronic	5	USD	FRPL				5			
IFED	ICE Futures US Energy Division	Energy	CAM	California Carbon Allowance Future-Vintage 2014	Opt	Floor	5	USD	FRPL				5			
IFED	ICE Futures US Energy Division	Energy	CAN	California Carbon Allowance Future-Vintage 2015	Fut	Electronic	5	USD	FRPL				5			
IFED	ICE Futures US Energy Division	Energy	CAN	California Carbon Allowance Future-Vintage 2015	Fut	Floor	5	USD	FRPL				5			
IFED	ICE Futures US Energy Division	Energy	CAN	California Carbon Allowance Future-Vintage 2015	Opt	Electronic	5	USD	FRPL				5			
IFED	ICE Futures US Energy Division	Energy	CAN	California Carbon Allowance Future-Vintage 2015	Opt	Floor	5	USD	FRPL				5			
IFED	ICE Futures US Energy Division	Energy	CCH	Climate Action Reserve Future-Vintage 2009	Fut	Electronic	4.5	USD	FRPL				4.5			
IFED	ICE Futures US Energy Division	Energy	CCH	Climate Action Reserve Future-Vintage 2009	Fut	Floor	4.5	USD	FRPL				4.5			
IFED	ICE Futures US Energy Division	Energy	CCI	Climate Action Reserve Future-Vintage 2010	Fut	Electronic	4.5	USD	FRPL				4.5			
IFED	ICE Futures US Energy Division	Energy	CCI	Climate Action Reserve Future-Vintage 2010	Fut	Floor	4.5	USD	FRPL				4.5			
IFED	ICE Futures US Energy Division	Energy	CCJ	Climate Action Reserve Future-Vintage 2011	Fut	Electronic	4.5	USD	FRPL				4.5			
IFED	ICE Futures US Energy Division	Energy	CCJ	Climate Action Reserve Future-Vintage 2011	Fut	Floor	4.5	USD	FRPL				4.5			
IFED	ICE Futures US Energy Division	Energy	CCK	Climate Action Reserve Future-Vintage 2012	Fut	Electronic	4.5	USD	FRPL				4.5			
IFED	ICE Futures US Energy Division	Energy	CCK	Climate Action Reserve Future-Vintage 2012	Fut	Floor	4.5	USD	FRPL				4.5			
IFED	ICE Futures US Energy Division	Energy	CCS	Climate Action Reserve Future-Non Specified Vintage Year	Fut	Electronic	4.5	USD	FRPL				4.5			
IFED	ICE Futures US Energy Division	Energy	CCS	Climate Action Reserve Future-Non Specified Vintage Year	Fut	Floor	4.5	USD	FRPL				4.5			
IFED	ICE Futures US Energy Division	Energy	CCS	Climate Action Reserve Future-Non Specified Vintage Year	Opt	Electronic	4.5	USD	FRPL				4.5			
IFED	ICE Futures US Energy Division	Energy	CCS	Climate Action Reserve Future-Non Specified Vintage Year	Opt	Floor	4.5	USD	FRPL				4.5			
IFED	ICE Futures US Energy Division	Energy	CEO	PJM ComEd Zone Day-Ahead Off-Peak Fixed Price Swap	Fut	Electronic	0.05	USD	FRPL				0.05			
IFED	ICE Futures US Energy Division	Energy	CEO	PJM ComEd Zone Day-Ahead Off-Peak Fixed Price Swap	Fut	Floor	0.05	USD	FRPL				0.05			
IFED	ICE Futures US Energy Division	Energy	CEP	PJM ComEd Zone Day-Ahead Peak Fixed Price Swap	Fut	Electronic	0.16	USD	FRPL				0.16			
IFED	ICE Futures US Energy Division	Energy	CEP	PJM ComEd Zone Day-Ahead Peak Fixed Price Swap	Fut	Floor	0.16	USD	FRPL				0.16			
IFED	ICE Futures US Energy Division	Energy	CFS	Carbon Financial Instrument, United States	Fut	Electronic	4.5	USD	FRPL				4.5			
IFED	ICE Futures US Energy Division	Energy	CFS	Carbon Financial Instrument, United States	Fut	Floor	4.5	USD	FRPL				4.5			
IFED	ICE Futures US Energy Division	Energy	CFS	Carbon Financial Instrument, United States	Opt	Electronic	4.5	USD	FRPL				4.5			

Exch Code	Exch Desc	Comm Group	Prod Code	Product Desc	F/O	Platform	Trd Fee	Trd Fee Cur	Trd Fee Meth	Clr Fee	Clr Fee Cur	Clr Fee Meth	Fee Total	Brk Fee	Brk Fee Cur	Brk Fee Meth
IFED	ICE Futures US Energy Division	Energy	CFS	Carbon Financial Instrument, United States	Opt	Floor	4.5	USD	FRPL				4.5			
IFED	ICE Futures US Energy Division	Energy	CGB	CG Mainline Basis Swap	Fut	Electronic	0.66	USD	FRPL				0.66			
IFED	ICE Futures US Energy Division	Energy	CGB	CG Mainline Basis Swap	Fut	Floor	0.66	USD	FRPL				0.66			
IFED	ICE Futures US Energy Division	Energy	CGI	CG Mainline Index Swap	Fut	Electronic	0.66	USD	FRPL				0.66			
IFED	ICE Futures US Energy Division	Energy	CGI	CG Mainline Index Swap	Fut	Floor	0.66	USD	FRPL				0.66			
IFED	ICE Futures US Energy Division	Energy	CGM	ANR SE (Louisiana) Basis Swap	Fut	Electronic	0.66	USD	FRPL				0.66			
IFED	ICE Futures US Energy Division	Energy	CGM	ANR SE (Louisiana) Basis Swap	Fut	Floor	0.66	USD	FRPL				0.66			
IFED	ICE Futures US Energy Division	Energy	CGR	CG Mainline Swing Swap	Fut	Electronic	0.66	USD	FRPL				0.66			
IFED	ICE Futures US Energy Division	Energy	CGR	CG Mainline Swing Swap	Fut	Floor	0.66	USD	FRPL				0.66			
IFED	ICE Futures US Energy Division	Energy	CGS	TCO Swing Swap	Fut	Electronic	0.66	USD	FRPL				0.66			
IFED	ICE Futures US Energy Division	Energy	CGS	TCO Swing Swap	Fut	Floor	0.66	USD	FRPL				0.66			
IFED	ICE Futures US Energy Division	Energy	CIN	MISO Indiana Hub Real-Time Peak Fixed Price Swap	Fut	Electronic	8	USD	FRPL				8			
IFED	ICE Futures US Energy Division	Energy	CIN	MISO Indiana Hub Real-Time Peak Fixed Price Swap	Fut	Floor	8	USD	FRPL				8			
IFED	ICE Futures US Energy Division	Energy	CIN	MISO Indiana Hub Real-Time Peak Fixed Price Swap	Opt	Electronic	8	USD	FRPL				8			
IFED	ICE Futures US Energy Division	Energy	CIN	MISO Indiana Hub Real-Time Peak Fixed Price Swap	Opt	Floor	8	USD	FRPL				8			
IFED	ICE Futures US Energy Division	Energy	CIS	Chicago Index Swap	Fut	Electronic	0.66	USD	FRPL				0.66			
IFED	ICE Futures US Energy Division	Energy	CIS	Chicago Index Swap	Fut	Floor	0.66	USD	FRPL				0.66			
IFED	ICE Futures US Energy Division	Energy	CON	CG Onshore Basis Swap	Fut	Electronic	0.66	USD	FRPL				0.66			
IFED	ICE Futures US Energy Division	Energy	CON	CG Onshore Basis Swap	Fut	Floor	0.66	USD	FRPL				0.66			
IFED	ICE Futures US Energy Division	Energy	CPC	CAISO Palo Verde Day-Ahead Peak Daily Fixed Price Swap	Fut	Electronic	0.12	USD	FRPL				0.12			
IFED	ICE Futures US Energy Division	Energy	CPC	CAISO Palo Verde Day-Ahead Peak Daily Fixed Price Swap	Fut	Floor	0.12	USD	FRPL				0.12			
IFED	ICE Futures US Energy Division	Energy	CPO	MISO Indiana Hub Real-Time Off-Peak Fixed Price Swap	Fut	Electronic	0.5	USD	FRPL				0.5			
IFED	ICE Futures US Energy Division	Energy	CPO	MISO Indiana Hub Real-Time Off-Peak Fixed Price Swap	Fut	Floor	0.5	USD	FRPL				0.5			
IFED	ICE Futures US Energy Division	Energy	CRC	CIG Rockies Index Swap	Fut	Electronic	0.66	USD	FRPL				0.66			
IFED	ICE Futures US Energy Division	Energy	CRC	CIG Rockies Index Swap	Fut	Floor	0.66	USD	FRPL				0.66			
IFED	ICE Futures US Energy Division	Energy	CRI	CIG Rockies Basis Swap	Fut	Electronic	0.66	USD	FRPL				0.66			
IFED	ICE Futures US Energy Division	Energy	CRI	CIG Rockies Basis Swap	Fut	Floor	0.66	USD	FRPL				0.66			
IFED	ICE Futures US Energy Division	Energy	CRS	CIG Rockies Swing Swap	Fut	Electronic	0.66	USD	FRPL				0.66			
IFED	ICE Futures US Energy Division	Energy	CRS	CIG Rockies Swing Swap	Fut	Floor	0.66	USD	FRPL				0.66			
IFED	ICE Futures US Energy Division	Energy	CSS	Chicago Swing Swap	Fut	Electronic	0.66	USD	FRPL				0.66			
IFED	ICE Futures US Energy Division	Energy	CSS	Chicago Swing Swap	Fut	Floor	0.66	USD	FRPL				0.66			
IFED	ICE Futures US Energy Division	Energy	CTI	Centerpoint Index Swap	Fut	Electronic	0.66	USD	FRPL				0.66			
IFED	ICE Futures US Energy Division	Energy	CTI	Centerpoint Index Swap	Fut	Floor	0.66	USD	FRPL				0.66			
IFED	ICE Futures US Energy Division	Energy	CTP	Centerpoint Basis Swap	Fut	Electronic	0.66	USD	FRPL				0.66			
IFED	ICE Futures US Energy Division	Energy	CTP	Centerpoint Basis Swap	Fut	Floor	0.66	USD	FRPL				0.66			
IFED	ICE Futures US Energy Division	Energy	CTR	Connecticut Compliance Renewable Energy Certificate Class 1	Fut	Electronic	3.5	USD	FRPL				3.5			
IFED	ICE Futures US Energy Division	Energy	CTR	Connecticut Compliance Renewable Energy Certificate Class 1	Fut	Floor	3.5	USD	FRPL				3.5			
IFED	ICE Futures US Energy Division	Energy	CTS	Centerpoint Swing Swap	Fut	Electronic	0.66	USD	FRPL				0.66			
IFED	ICE Futures US Energy Division	Energy	CTS	Centerpoint Swing Swap	Fut	Floor	0.66	USD	FRPL				0.66			
IFED	ICE Futures US Energy Division	Energy	DDO	PJM AEP Dayton Hub Real-Time Peak Daily Look Back Fixed Price Swap	Fut	Electronic	6	USD	FRPL				6			
IFED	ICE Futures US Energy Division	Energy	DDO	PJM AEP Dayton Hub Real-Time Peak Daily Look Back Fixed Price Swap	Fut	Floor	6	USD	FRPL				6			
IFED	ICE Futures US Energy Division	Energy	DDO	PJM AEP Dayton Hub Real-Time Peak Daily Look Back Fixed Price Swap	Opt	Electronic	6	USD	FRPL				6			
IFED	ICE Futures US Energy Division	Energy	DDO	PJM AEP Dayton Hub Real-Time Peak Daily Look Back Fixed Price Swap	Opt	Floor	6	USD	FRPL				6			
IFED	ICE Futures US Energy Division	Energy	DDP	PJM AEP Dayton Hub Real-Time Peak Daily Fixed Price Swap	Fut	Electronic	6	USD	FRPL				6			
IFED	ICE Futures US Energy Division	Energy	DDP	PJM AEP Dayton Hub Real-Time Peak Daily Fixed Price Swap	Fut	Floor	6	USD	FRPL				6			
IFED	ICE Futures US Energy Division	Energy	DEI	Demarc Index Swap	Fut	Electronic	0.66	USD	FRPL				0.66			
IFED	ICE Futures US Energy Division	Energy	DEI	Demarc Index Swap	Fut	Floor	0.66	USD	FRPL				0.66			
IFED	ICE Futures US Energy Division	Energy	DEM	Demarc Basis Swap	Fut	Electronic	0.66	USD	FRPL				0.66			
IFED	ICE Futures US Energy Division	Energy	DEM	Demarc Basis Swap	Fut	Floor	0.66	USD	FRPL				0.66			
IFED	ICE Futures US Energy Division	Energy	DES	Demarc Swing Swap	Fut	Electronic	0.66	USD	FRPL				0.66			
IFED	ICE Futures US Energy Division	Energy	DES	Demarc Swing Swap	Fut	Floor	0.66	USD	FRPL				0.66			
IFED	ICE Futures US Energy Division	Energy	DGD	Chicago Basis Swap	Fut	Electronic	0.66	USD	FRPL				0.66			
IFED	ICE Futures US Energy Division	Energy	DGD	Chicago Basis Swap	Fut	Floor	0.66	USD	FRPL				0.66			

Exch Code	Exch Desc	Comm Group	Prod Code	Product Desc	F/O	Platform	Trd Fee	Trd Fee Cur	Trd Fee Meth	Clr Fee	Clr Fee Cur	Clr Fee Meth	Fee Total	Brk Fee	Brk Fee Cur	Brk Fee Meth
IFED	ICE Futures US Energy Division	Energy	DIS	Dominion South Index Swap	Fut	Electronic	0.66	USD	FRPL				0.66			
IFED	ICE Futures US Energy Division	Energy	DIS	Dominion South Index Swap	Fut	Floor	0.66	USD	FRPL				0.66			
IFED	ICE Futures US Energy Division	Energy	DOM	Dominion South Basis Swap	Fut	Electronic	0.66	USD	FRPL				0.66			
IFED	ICE Futures US Energy Division	Energy	DOM	Dominion South Basis Swap	Fut	Floor	0.66	USD	FRPL				0.66			
IFED	ICE Futures US Energy Division	Energy	DPN	CAISO NP-15 Day-Ahead Peak Daily Fixed Price Swap	Fut	Electronic	3	USD	FRPL				3			
IFED	ICE Futures US Energy Division	Energy	DPN	CAISO NP-15 Day-Ahead Peak Daily Fixed Price Swap	Fut	Floor	3	USD	FRPL				3			
IFED	ICE Futures US Energy Division	Energy	DSS	Dominion South Swing Swap	Fut	Electronic	0.66	USD	FRPL				0.66			
IFED	ICE Futures US Energy Division	Energy	DSS	Dominion South Swing Swap	Fut	Floor	0.66	USD	FRPL				0.66			
IFED	ICE Futures US Energy Division	Energy	DWN	Union Dawn Basis Swap	Fut	Electronic	0.66	USD	FRPL				0.66			
IFED	ICE Futures US Energy Division	Energy	DWN	Union Dawn Basis Swap	Fut	Floor	0.66	USD	FRPL				0.66			
IFED	ICE Futures US Energy Division	Energy	EDH	ERCOT Houston Load Zone Real-Time Peak Fixed Price Swap	Fut	Electronic	0.16	USD	FRPL				0.16			
IFED	ICE Futures US Energy Division	Energy	EDH	ERCOT Houston Load Zone Real-Time Peak Fixed Price Swap	Fut	Floor	0.16	USD	FRPL				0.16			
IFED	ICE Futures US Energy Division	Energy	EDN	ERCOT North Load Zone Real-Time Peak Fixed Price Swap	Fut	Electronic	0.16	USD	FRPL				0.16			
IFED	ICE Futures US Energy Division	Energy	EDN	ERCOT North Load Zone Real-Time Peak Fixed Price Swap	Fut	Floor	0.16	USD	FRPL				0.16			
IFED	ICE Futures US Energy Division	Energy	EDP	ISO New England Massachusetts Hub Day-Ahead Peak Daily Fixed Price Swap	Fut	Electronic	6	USD	FRPL				6			
IFED	ICE Futures US Energy Division	Energy	EDP	ISO New England Massachusetts Hub Day-Ahead Peak Daily Fixed Price Swap	Fut	Floor	6	USD	FRPL				6			
IFED	ICE Futures US Energy Division	Energy	EDP	ISO New England Massachusetts Hub Day-Ahead Peak Daily Fixed Price Swap	Opt	Electronic	6	USD	FRPL				6			
IFED	ICE Futures US Energy Division	Energy	EDP	ISO New England Massachusetts Hub Day-Ahead Peak Daily Fixed Price Swap	Opt	Floor	6	USD	FRPL				6			
IFED	ICE Futures US Energy Division	Energy	EDS	ERCOT South Load Zone Real-Time Peak Fixed Price Swap	Fut	Electronic	0.16	USD	FRPL				0.16			
IFED	ICE Futures US Energy Division	Energy	EDS	ERCOT South Load Zone Real-Time Peak Fixed Price Swap	Fut	Floor	0.16	USD	FRPL				0.16			
IFED	ICE Futures US Energy Division	Energy	EDW	ERCOT West Load Zone Real-Time Peak Fixed Price Swap	Fut	Electronic	0.16	USD	FRPL				0.16			
IFED	ICE Futures US Energy Division	Energy	EDW	ERCOT West Load Zone Real-Time Peak Fixed Price Swap	Fut	Floor	0.16	USD	FRPL				0.16			
IFED	ICE Futures US Energy Division	Energy	EHD	ERCOT Houston 345KV Real-Time Peak Daily Fixed Price Swap	Fut	Electronic	6	USD	FRPL				6			
IFED	ICE Futures US Energy Division	Energy	EHD	ERCOT Houston 345KV Real-Time Peak Daily Fixed Price Swap	Fut	Floor	6	USD	FRPL				6			
IFED	ICE Futures US Energy Division	Energy	EIS	PG&E Citygate Index Swap	Fut	Electronic	0.66	USD	FRPL				0.66			
IFED	ICE Futures US Energy Division	Energy	EIS	PG&E Citygate Index Swap	Fut	Floor	0.66	USD	FRPL				0.66			
IFED	ICE Futures US Energy Division	Energy	END	ERCOT North 345KV Real-Time Peak Daily Fixed Price Swap	Fut	Electronic	6	USD	FRPL				6			
IFED	ICE Futures US Energy Division	Energy	END	ERCOT North 345KV Real-Time Peak Daily Fixed Price Swap	Fut	Floor	6	USD	FRPL				6			
IFED	ICE Futures US Energy Division	Energy	ENO	ERCOT North 345KV Hub Real-Time Peak Daily Look Back Fixed Price Swap	Fut	Electronic	6	USD	FRPL				6			
IFED	ICE Futures US Energy Division	Energy	ENO	ERCOT North 345KV Hub Real-Time Peak Daily Look Back Fixed Price Swap	Fut	Floor	6	USD	FRPL				6			
IFED	ICE Futures US Energy Division	Energy	ENO	ERCOT North 345KV Hub Real-Time Peak Daily Look Back Fixed Price Swap	Opt	Electronic	6	USD	FRPL				6			
IFED	ICE Futures US Energy Division	Energy	ENO	ERCOT North 345KV Hub Real-Time Peak Daily Look Back Fixed Price Swap	Opt	Floor	6	USD	FRPL				6			
IFED	ICE Futures US Energy Division	Energy	ERH	ERCOT Houston 345KV Real-Time Peak Fixed Price Swap	Fut	Electronic	8	USD	FRPL				8			
IFED	ICE Futures US Energy Division	Energy	ERH	ERCOT Houston 345KV Real-Time Peak Fixed Price Swap	Fut	Floor	8	USD	FRPL				8			
IFED	ICE Futures US Energy Division	Energy	ERN	ERCOT North 345KV Real-Time Peak Fixed Price Swap	Fut	Electronic	8	USD	FRPL				8			
IFED	ICE Futures US Energy Division	Energy	ERN	ERCOT North 345KV Real-Time Peak Fixed Price Swap	Fut	Floor	8	USD	FRPL				8			
IFED	ICE Futures US Energy Division	Energy	ERN	ERCOT North 345KV Real-Time Peak Fixed Price Swap	Opt	Electronic	6	USD	FRPL				6			
IFED	ICE Futures US Energy Division	Energy	ERN	ERCOT North 345KV Real-Time Peak Fixed Price Swap	Opt	Floor	6	USD	FRPL				6			
IFED	ICE Futures US Energy Division	Energy	ERS	ERCOT South 345KV Real-Time Peak Fixed Price Swap	Fut	Electronic	8	USD	FRPL				8			
IFED	ICE Futures US Energy Division	Energy	ERS	ERCOT South 345KV Real-Time Peak Fixed Price Swap	Fut	Floor	8	USD	FRPL				8			
IFED	ICE Futures US Energy Division	Energy	ERW	ERCOT West 345KV Real-Time Peak Fixed Price Swap	Fut	Electronic	8	USD	FRPL				8			
IFED	ICE Futures US Energy Division	Energy	ERW	ERCOT West 345KV Real-Time Peak Fixed Price Swap	Fut	Floor	8	USD	FRPL				8			
IFED	ICE Futures US Energy Division	Energy	ESD	ERCOT South 345KV Real-Time Peak Daily Fixed Price Swap	Fut	Electronic	6	USD	FRPL				6			
IFED	ICE Futures US Energy Division	Energy	ESD	ERCOT South 345KV Real-Time Peak Daily Fixed Price Swap	Fut	Floor	6	USD	FRPL				6			
IFED	ICE Futures US Energy Division	Energy	EVN	ERCOT North 345KV Day-Ahead Peak Fixed Price Swap	Fut	Electronic	0.16	USD	FRPL				0.16			
IFED	ICE Futures US Energy Division	Energy	EVN	ERCOT North 345KV Day-Ahead Peak Fixed Price Swap	Fut	Floor	0.16	USD	FRPL				0.16			
IFED	ICE Futures US Energy Division	Energy	EWD	ERCOT West 345KV Real-Time Peak Daily Fixed Price Swap	Fut	Electronic	6	USD	FRPL				6			

Exch Code	Exch Desc	Comm Group	Prod Code	Product Desc	F/O	Platform	Trd Fee	Trd Fee Cur	Trd Fee Meth	Clr Fee	Clr Fee Cur	Clr Fee Meth	Fee Total	Brk Fee	Brk Fee Cur	Brk Fee Meth
IFED	ICE Futures US Energy Division	Energy	EWD	ERCOT West 345KV Real-Time Peak Daily Fixed Price Swap	Fut	Floor	6	USD	FRPL				6			
IFED	ICE Futures US Energy Division	Energy	FTI	Florida Gas Zone 3 Index Swap	Fut	Electronic	0.66	USD	FRPL				0.66			
IFED	ICE Futures US Energy Division	Energy	FTI	Florida Gas Zone 3 Index Swap	Fut	Floor	0.66	USD	FRPL				0.66			
IFED	ICE Futures US Energy Division	Energy	FTS	Florida Gas Zone 3 Swing Swap	Fut	Electronic	0.66	USD	FRPL				0.66			
IFED	ICE Futures US Energy Division	Energy	FTS	Florida Gas Zone 3 Swing Swap	Fut	Floor	0.66	USD	FRPL				0.66			
IFED	ICE Futures US Energy Division	Energy	FTZ	Florida Gas Zone 3 Basis Swap	Fut	Electronic	0.66	USD	FRPL				0.66			
IFED	ICE Futures US Energy Division	Energy	FTZ	Florida Gas Zone 3 Basis Swap	Fut	Floor	0.66	USD	FRPL				0.66			
IFED	ICE Futures US Energy Division	Energy	GDP	NYISO Zone G Day-Ahead Peak Daily Fixed Price Swap	Fut	Electronic	6	USD	FRPL				6			
IFED	ICE Futures US Energy Division	Energy	GDP	NYISO Zone G Day-Ahead Peak Daily Fixed Price Swap	Fut	Floor	6	USD	FRPL				6			
IFED	ICE Futures US Energy Division	Energy	H	Henry LD1 Fixed Price Swap	Fut	Electronic	0.66	USD	FRPL				0.66			
IFED	ICE Futures US Energy Division	Energy	H	Henry LD1 Fixed Price Swap	Fut	Floor	0.66	USD	FRPL				0.66			
IFED	ICE Futures US Energy Division	Energy	HEA	ERCOT Houston 345KV Hub Day-Ahead Peak Daily Fixed Price Swap	Fut	Electronic	0.12	USD	FRPL				0.12			
IFED	ICE Futures US Energy Division	Energy	HEA	ERCOT Houston 345KV Hub Day-Ahead Peak Daily Fixed Price Swap	Fut	Floor	0.12	USD	FRPL				0.12			
IFED	ICE Futures US Energy Division	Energy	HEB	ERCOT Houston 345KV Real-Time Off-Peak Fixed Price Swap	Fut	Electronic	0.05	USD	FRPL				0.05			
IFED	ICE Futures US Energy Division	Energy	HEB	ERCOT Houston 345KV Real-Time Off-Peak Fixed Price Swap	Fut	Floor	0.05	USD	FRPL				0.05			
IFED	ICE Futures US Energy Division	Energy	HEC	ERCOT Houston 345KV Hub Day-Ahead Off-Peak Daily Fixed Price Swap	Fut	Electronic	0.04	USD	FRPL				0.04			
IFED	ICE Futures US Energy Division	Energy	HEC	ERCOT Houston 345KV Hub Day-Ahead Off-Peak Daily Fixed Price Swap	Fut	Floor	0.04	USD	FRPL				0.04			
IFED	ICE Futures US Energy Division	Energy	HED	ERCOT Houston 345KV Real-Time Off-Peak Daily Fixed Price Swap	Fut	Electronic	0.37	USD	FRPL				0.37			
IFED	ICE Futures US Energy Division	Energy	HED	ERCOT Houston 345KV Real-Time Off-Peak Daily Fixed Price Swap	Fut	Floor	0.37	USD	FRPL				0.37			
IFED	ICE Futures US Energy Division	Energy	HEN	Henry Basis Swap	Fut	Electronic	0.66	USD	FRPL				0.66			
IFED	ICE Futures US Energy Division	Energy	HEN	Henry Basis Swap	Fut	Floor	0.66	USD	FRPL				0.66			
IFED	ICE Futures US Energy Division	Energy	HHC	Henry Calendar Year One Time Fixed Price Swap	Fut	Electronic	0.66	USD	FRPL				0.66			
IFED	ICE Futures US Energy Division	Energy	HHC	Henry Calendar Year One Time Fixed Price Swap	Fut	Floor	0.66	USD	FRPL				0.66			
IFED	ICE Futures US Energy Division	Energy	HHC	Henry Calendar Year One Time Fixed Price Swap	Opt	Electronic	0.66	USD	FRPL				0.66			
IFED	ICE Futures US Energy Division	Energy	HHC	Henry Calendar Year One Time Fixed Price Swap	Opt	Floor	0.66	USD	FRPL				0.66			
IFED	ICE Futures US Energy Division	Energy	HHD	Henry Swing Swap	Fut	Electronic	0.66	USD	FRPL				0.66			
IFED	ICE Futures US Energy Division	Energy	HHD	Henry Swing Swap	Fut	Floor	0.66	USD	FRPL				0.66			
IFED	ICE Futures US Energy Division	Energy	HHD	Henry Swing Swap	Opt	Electronic	0.66	USD	FRPL				0.66			
IFED	ICE Futures US Energy Division	Energy	HHD	Henry Swing Swap	Opt	Floor	0.66	USD	FRPL				0.66			
IFED	ICE Futures US Energy Division	Energy	HHM	Henry Penultimate 1-Month Calendar Spread Swap	Opt	Electronic	0.66	USD	FRPL				0.66			
IFED	ICE Futures US Energy Division	Energy	HHM	Henry Penultimate 1-Month Calendar Spread Swap	Opt	Floor	0.66	USD	FRPL				0.66			
IFED	ICE Futures US Energy Division	Energy	HIS	Henry Index Swap	Fut	Electronic	0.66	USD	FRPL				0.66			
IFED	ICE Futures US Energy Division	Energy	HIS	Henry Index Swap	Fut	Floor	0.66	USD	FRPL				0.66			
IFED	ICE Futures US Energy Division	Energy	HMT	Henry Penultimate 3-Month Calendar Spread	Opt	Electronic	0.66	USD	FRPL				0.66			
IFED	ICE Futures US Energy Division	Energy	HMT	Henry Penultimate 3-Month Calendar Spread	Opt	Floor	0.66	USD	FRPL				0.66			
IFED	ICE Futures US Energy Division	Energy	HMX	Henry Penultimate 6-Month Calendar Spread	Opt	Electronic	0.66	USD	FRPL				0.66			
IFED	ICE Futures US Energy Division	Energy	HMX	Henry Penultimate 6-Month Calendar Spread	Opt	Floor	0.66	USD	FRPL				0.66			
IFED	ICE Futures US Energy Division	Energy	HXS	HSC Basis Swap	Fut	Electronic	0.66	USD	FRPL				0.66			
IFED	ICE Futures US Energy Division	Energy	HXS	HSC Basis Swap	Fut	Floor	0.66	USD	FRPL				0.66			
IFED	ICE Futures US Energy Division	Energy	HZA	ERCOT Houston Load Zone Day-Ahead Peak Daily Fixed Price Swap	Fut	Electronic	0.12	USD	FRPL				0.12			
IFED	ICE Futures US Energy Division	Energy	HZA	ERCOT Houston Load Zone Day-Ahead Peak Daily Fixed Price Swap	Fut	Floor	0.12	USD	FRPL				0.12			
IFED	ICE Futures US Energy Division	Energy	HZB	ERCOT Houston Load Day-Ahead Peak Fixed Price Swap	Fut	Electronic	0.16	USD	FRPL				0.16			
IFED	ICE Futures US Energy Division	Energy	HZB	ERCOT Houston Load Day-Ahead Peak Fixed Price Swap	Fut	Floor	0.16	USD	FRPL				0.16			
IFED	ICE Futures US Energy Division	Energy	HZC	ERCOT Houston Load Day-Ahead Off-Peak Daily Fixed Price Swap	Fut	Electronic	0.04	USD	FRPL				0.04			
IFED	ICE Futures US Energy Division	Energy	HZC	ERCOT Houston Load Day-Ahead Off-Peak Daily Fixed Price Swap	Fut	Floor	0.04	USD	FRPL				0.04			
IFED	ICE Futures US Energy Division	Energy	HZD	ERCOT Houston Load Day-Ahead Off-Peak Fixed Price Swap	Fut	Electronic	0.05	USD	FRPL				0.05			
IFED	ICE Futures US Energy Division	Energy	HZD	ERCOT Houston Load Day-Ahead Off-Peak Fixed Price Swap	Fut	Floor	0.05	USD	FRPL				0.05			

Exch Code	Exch Desc	Comm Group	Prod Code	Product Desc	F/O	Platform	Trd Fee	Trd Fee Cur	Trd Fee Meth	Clr Fee	Clr Fee Cur	Clr Fee Meth	Fee Total	Brk Fee	Brk Fee Cur	Brk Fee Meth
IFED	ICE Futures US Energy Division	Energy	ICO	ISO New England Connecticut Day-Ahead Off-Peak Fixed Price Swap	Fut	Electronic	0.05	USD	FRPL				0.05			
IFED	ICE Futures US Energy Division	Energy	ICO	ISO New England Connecticut Day-Ahead Off-Peak Fixed Price Swap	Fut	Floor	0.05	USD	FRPL				0.05			
IFED	ICE Futures US Energy Division	Energy	ICP	ISO New England Connecticut Day-Ahead Peak Fixed Price Swap	Fut	Electronic	0.16	USD	FRPL				0.16			
IFED	ICE Futures US Energy Division	Energy	ICP	ISO New England Connecticut Day-Ahead Peak Fixed Price Swap	Fut	Floor	0.16	USD	FRPL				0.16			
IFED	ICE Futures US Energy Division	Energy	IDO	MISO Indiana Hub Real-Time Peak Daily Look Back Fixed Price Swap	Fut	Electronic	6	USD	FRPL				6			
IFED	ICE Futures US Energy Division	Energy	IDO	MISO Indiana Hub Real-Time Peak Daily Look Back Fixed Price Swap	Fut	Floor	6	USD	FRPL				6			
IFED	ICE Futures US Energy Division	Energy	IDO	MISO Indiana Hub Real-Time Peak Daily Look Back Fixed Price Swap	Opt	Electronic	6	USD	FRPL				6			
IFED	ICE Futures US Energy Division	Energy	IDO	MISO Indiana Hub Real-Time Peak Daily Look Back Fixed Price Swap	Opt	Floor	6	USD	FRPL				6			
IFED	ICE Futures US Energy Division	Energy	IDP	MISO Indiana Hub Real-Time Peak Daily Fixed Price Swap	Fut	Electronic	6	USD	FRPL				6			
IFED	ICE Futures US Energy Division	Energy	IDP	MISO Indiana Hub Real-Time Peak Daily Fixed Price Swap	Fut	Floor	6	USD	FRPL				6			
IFED	ICE Futures US Energy Division	Energy	IEB	ISO New England Maine Day-Ahead Peak Fixed Price Swap	Fut	Electronic	0.16	USD	FRPL				0.16			
IFED	ICE Futures US Energy Division	Energy	IEB	ISO New England Maine Day-Ahead Peak Fixed Price Swap	Fut	Floor	0.16	USD	FRPL				0.16			
IFED	ICE Futures US Energy Division	Energy	IED	ISO New England Maine Day-Ahead Off-Peak Fixed Price Swap	Fut	Electronic	0.05	USD	FRPL				0.05			
IFED	ICE Futures US Energy Division	Energy	IED	ISO New England Maine Day-Ahead Off-Peak Fixed Price Swap	Fut	Floor	0.05	USD	FRPL				0.05			
IFED	ICE Futures US Energy Division	Energy	IHB	ISO New England New Hampshire Day-Ahead Peak Fixed Price Swap	Fut	Electronic	0.16	USD	FRPL				0.16			
IFED	ICE Futures US Energy Division	Energy	IHB	ISO New England New Hampshire Day-Ahead Peak Fixed Price Swap	Fut	Floor	0.16	USD	FRPL				0.16			
IFED	ICE Futures US Energy Division	Energy	IHD	ISO New England New Hampshire Day-Ahead Off-Peak Fixed Price Swap	Fut	Electronic	0.05	USD	FRPL				0.05			
IFED	ICE Futures US Energy Division	Energy	IHD	ISO New England New Hampshire Day-Ahead Off-Peak Fixed Price Swap	Fut	Floor	0.05	USD	FRPL				0.05			
IFED	ICE Futures US Energy Division	Energy	IMB	ISO New England SE Massachusetts Day-Ahead Peak Fixed Price Swap	Fut	Electronic	0.16	USD	FRPL				0.16			
IFED	ICE Futures US Energy Division	Energy	IMB	ISO New England SE Massachusetts Day-Ahead Peak Fixed Price Swap	Fut	Floor	0.16	USD	FRPL				0.16			
IFED	ICE Futures US Energy Division	Energy	IMD	ISO New England SE Massachusetts Day-Ahead Off-Peak Fixed Price Swap	Fut	Electronic	0.05	USD	FRPL				0.05			
IFED	ICE Futures US Energy Division	Energy	IMD	ISO New England SE Massachusetts Day-Ahead Off-Peak Fixed Price Swap	Fut	Floor	0.05	USD	FRPL				0.05			
IFED	ICE Futures US Energy Division	Energy	INB	ISO New England NE Massachusetts Day-Ahead Peak Fixed Price Swap	Fut	Electronic	0.16	USD	FRPL				0.16			
IFED	ICE Futures US Energy Division	Energy	INB	ISO New England NE Massachusetts Day-Ahead Peak Fixed Price Swap	Fut	Floor	0.16	USD	FRPL				0.16			
IFED	ICE Futures US Energy Division	Energy	IND	ISO New England NE Massachusetts Day-Ahead Off-Peak Fixed Price Swap	Fut	Electronic	0.05	USD	FRPL				0.05			
IFED	ICE Futures US Energy Division	Energy	IND	ISO New England NE Massachusetts Day-Ahead Off-Peak Fixed Price Swap	Fut	Floor	0.05	USD	FRPL				0.05			
IFED	ICE Futures US Energy Division	Energy	IOP	MISO Indiana Hub Real-Time Off-Peak Daily Fixed Price Swap	Fut	Electronic	0.37	USD	FRPL				0.37			
IFED	ICE Futures US Energy Division	Energy	IOP	MISO Indiana Hub Real-Time Off-Peak Daily Fixed Price Swap	Fut	Floor	0.37	USD	FRPL				0.37			
IFED	ICE Futures US Energy Division	Energy	IWB	ISO New England West Central Massachusetts Day-Ahead Peak Fixed Price Swap	Fut	Electronic	0.16	USD	FRPL				0.16			
IFED	ICE Futures US Energy Division	Energy	IWB	ISO New England West Central Massachusetts Day-Ahead Peak Fixed Price Swap	Fut	Floor	0.16	USD	FRPL				0.16			
IFED	ICE Futures US Energy Division	Energy	IWD	ISO New England West Central Massachusetts Day-Ahead Off-Peak Fixed Price Swap	Fut	Electronic	0.05	USD	FRPL				0.05			
IFED	ICE Futures US Energy Division	Energy	IWD	ISO New England West Central Massachusetts Day-Ahead Off-Peak Fixed Price Swap	Fut	Floor	0.05	USD	FRPL				0.05			
IFED	ICE Futures US Energy Division	Energy	JCA	PJM JCPL Zone Day-Ahead Peak Daily Fixed Price Swap	Fut	Electronic	0.12	USD	FRPL				0.12			

Exch Code	Exch Desc	Comm Group	Prod Code	Product Desc	F/O	Platform	Trd Fee	Trd Fee Cur	Trd Fee Meth	Clr Fee	Clr Fee Cur	Clr Fee Meth	Fee Total	Brk Fee	Brk Fee Cur	Brk Fee Meth
IFED	ICE Futures US Energy Division	Energy	JCA	PJM JCPL Zone Day-Ahead Peak Daily Fixed Price Swap	Fut	Floor	0.12	USD	FRPL				0.12			
IFED	ICE Futures US Energy Division	Energy	JCB	PJM JCPL Zone Day-Ahead Peak Fixed Price Swap	Fut	Electronic	0.16	USD	FRPL				0.16			
IFED	ICE Futures US Energy Division	Energy	JCB	PJM JCPL Zone Day-Ahead Peak Fixed Price Swap	Fut	Floor	0.16	USD	FRPL				0.16			
IFED	ICE Futures US Energy Division	Energy	JCC	PJM JCPL Zone Day-Ahead Off-Peak Daily Fixed Price Swap	Fut	Electronic	0.04	USD	FRPL				0.04			
IFED	ICE Futures US Energy Division	Energy	JCC	PJM JCPL Zone Day-Ahead Off-Peak Daily Fixed Price Swap	Fut	Floor	0.04	USD	FRPL				0.04			
IFED	ICE Futures US Energy Division	Energy	JCD	PJM JCPL Zone Day-Ahead Off-Peak Fixed Price Swap	Fut	Electronic	0.05	USD	FRPL				0.05			
IFED	ICE Futures US Energy Division	Energy	JCD	PJM JCPL Zone Day-Ahead Off-Peak Fixed Price Swap	Fut	Floor	0.05	USD	FRPL				0.05			
IFED	ICE Futures US Energy Division	Energy	JDP	NYISO Zone J Day-Ahead Peak Daily Fixed Price Swap	Fut	Electronic	6	USD	FRPL				6			
IFED	ICE Futures US Energy Division	Energy	JDP	NYISO Zone J Day-Ahead Peak Daily Fixed Price Swap	Fut	Floor	6	USD	FRPL				6			
IFED	ICE Futures US Energy Division	Energy	LBN	Lebanon Swing Swap	Fut	Electronic	0.66	USD	FRPL				0.66			
IFED	ICE Futures US Energy Division	Energy	LBN	Lebanon Swing Swap	Fut	Floor	0.66	USD	FRPL				0.66			
IFED	ICE Futures US Energy Division	Energy	MCC	MISO Indiana Hub Day-Ahead Peak Fixed Price Swap	Fut	Electronic	0.16	USD	FRPL				0.16			
IFED	ICE Futures US Energy Division	Energy	MCC	MISO Indiana Hub Day-Ahead Peak Fixed Price Swap	Fut	Floor	0.16	USD	FRPL				0.16			
IFED	ICE Futures US Energy Division	Energy	MCD	MISO Indiana Hub Day-Ahead Off-Peak Fixed Price Swap	Fut	Electronic	0.05	USD	FRPL				0.05			
IFED	ICE Futures US Energy Division	Energy	MCD	MISO Indiana Hub Day-Ahead Off-Peak Fixed Price Swap	Fut	Floor	0.05	USD	FRPL				0.05			
IFED	ICE Futures US Energy Division	Energy	MCG	MISO Indiana Hub Real-Time Peak Mini Fixed Price Swap	Fut	Electronic	0.16	USD	FRPL				0.16			
IFED	ICE Futures US Energy Division	Energy	MCG	MISO Indiana Hub Real-Time Peak Mini Fixed Price Swap	Fut	Floor	0.16	USD	FRPL				0.16			
IFED	ICE Futures US Energy Division	Energy	MCG	MISO Indiana Hub Real-Time Peak Mini Fixed Price Swap	Opt	Electronic	0.16	USD	FRPL				0.16			
IFED	ICE Futures US Energy Division	Energy	MCG	MISO Indiana Hub Real-Time Peak Mini Fixed Price Swap	Opt	Floor	0.16	USD	FRPL				0.16			
IFED	ICE Futures US Energy Division	Energy	MCI	NGPL Midcont Index Swap	Fut	Electronic	0.66	USD	FRPL				0.66			
IFED	ICE Futures US Energy Division	Energy	MCI	NGPL Midcont Index Swap	Fut	Floor	0.66	USD	FRPL				0.66			
IFED	ICE Futures US Energy Division	Energy	MCO	NGPL Midcont Basis Swap	Fut	Electronic	0.66	USD	FRPL				0.66			
IFED	ICE Futures US Energy Division	Energy	MCO	NGPL Midcont Basis Swap	Fut	Floor	0.66	USD	FRPL				0.66			
IFED	ICE Futures US Energy Division	Energy	MCR	Massachusetts Compliance Renewable Energy Certificates Class 1	Fut	Electronic	3.5	USD	FRPL				3.5			
IFED	ICE Futures US Energy Division	Energy	MCR	Massachusetts Compliance Renewable Energy Certificates Class 1	Fut	Floor	3.5	USD	FRPL				3.5			
IFED	ICE Futures US Energy Division	Energy	MDA	MISO Indiana Hub Day-Ahead Peak Daily Fixed Price Swap	Fut	Electronic	6	USD	FRPL				6			
IFED	ICE Futures US Energy Division	Energy	MDA	MISO Indiana Hub Day-Ahead Peak Daily Fixed Price Swap	Fut	Floor	6	USD	FRPL				6			
IFED	ICE Futures US Energy Division	Energy	MDC	Mid-Columbia Day-Ahead Peak Fixed Price Swap	Fut	Electronic	4	USD	FRPL				4			
IFED	ICE Futures US Energy Division	Energy	MDC	Mid-Columbia Day-Ahead Peak Fixed Price Swap	Fut	Floor	4	USD	FRPL				4			
IFED	ICE Futures US Energy Division	Energy	MDC	Mid-Columbia Day-Ahead Peak Fixed Price Swap	Opt	Electronic	4	USD	FRPL				4			
IFED	ICE Futures US Energy Division	Energy	MDC	Mid-Columbia Day-Ahead Peak Fixed Price Swap	Opt	Floor	4	USD	FRPL				4			
IFED	ICE Futures US Energy Division	Energy	MDF	Mid-Columbia Day-Ahead Peak Mini Fixed Price Swap	Fut	Electronic	0.16	USD	FRPL				0.16			
IFED	ICE Futures US Energy Division	Energy	MDF	Mid-Columbia Day-Ahead Peak Mini Fixed Price Swap	Fut	Floor	0.16	USD	FRPL				0.16			
IFED	ICE Futures US Energy Division	Energy	MDF	Mid-Columbia Day-Ahead Peak Mini Fixed Price Swap	Opt	Electronic	0.16	USD	FRPL				0.16			
IFED	ICE Futures US Energy Division	Energy	MDF	Mid-Columbia Day-Ahead Peak Mini Fixed Price Swap	Opt	Floor	0.16	USD	FRPL				0.16			
IFED	ICE Futures US Energy Division	Energy	MIS	Malin Index Swap	Fut	Electronic	0.66	USD	FRPL				0.66			
IFED	ICE Futures US Energy Division	Energy	MIS	Malin Index Swap	Fut	Floor	0.66	USD	FRPL				0.66			
IFED	ICE Futures US Energy Division	Energy	MLB	MISO Illinois Hub Day-Ahead Peak Fixed Price Swap	Fut	Electronic	0.16	USD	FRPL				0.16			
IFED	ICE Futures US Energy Division	Energy	MLB	MISO Illinois Hub Day-Ahead Peak Fixed Price Swap	Fut	Floor	0.16	USD	FRPL				0.16			
IFED	ICE Futures US Energy Division	Energy	MLD	MISO Illinois Hub Day-Ahead Off-Peak Fixed Price Swap	Fut	Electronic	0.05	USD	FRPL				0.05			
IFED	ICE Futures US Energy Division	Energy	MLD	MISO Illinois Hub Day-Ahead Off-Peak Fixed Price Swap	Fut	Floor	0.05	USD	FRPL				0.05			
IFED	ICE Futures US Energy Division	Energy	MLN	Malin Basis Swap	Fut	Electronic	0.66	USD	FRPL				0.66			
IFED	ICE Futures US Energy Division	Energy	MLN	Malin Basis Swap	Fut	Floor	0.66	USD	FRPL				0.66			
IFED	ICE Futures US Energy Division	Energy	MOD	MISO Indiana Hub Day-Ahead Off-Peak Daily Fixed Price Swap	Fut	Electronic	0.37	USD	FRPL				0.37			
IFED	ICE Futures US Energy Division	Energy	MOD	MISO Indiana Hub Day-Ahead Off-Peak Daily Fixed Price Swap	Fut	Floor	0.37	USD	FRPL				0.37			
IFED	ICE Futures US Energy Division	Energy	MPD	Mid-Columbia Day-Ahead Peak Daily Fixed Price Swap	Fut	Electronic	3	USD	FRPL				3			
IFED	ICE Futures US Energy Division	Energy	MPD	Mid-Columbia Day-Ahead Peak Daily Fixed Price Swap	Fut	Floor	3	USD	FRPL				3			
IFED	ICE Futures US Energy Division	Energy	MPD	Mid-Columbia Day-Ahead Peak Daily Fixed Price Swap	Opt	Electronic	3	USD	FRPL				3			
IFED	ICE Futures US Energy Division	Energy	MPD	Mid-Columbia Day-Ahead Peak Daily Fixed Price Swap	Opt	Floor	3	USD	FRPL				3			
IFED	ICE Futures US Energy Division	Energy	MSO	PJM AEP Dayton Hub Real-Time Peak Fixed Price Swap	Fut	Electronic	8	USD	FRPL				8			
IFED	ICE Futures US Energy Division	Energy	MSO	PJM AEP Dayton Hub Real-Time Peak Fixed Price Swap	Fut	Floor	8	USD	FRPL				8			
IFED	ICE Futures US Energy Division	Energy	MSO	PJM AEP Dayton Hub Real-Time Peak Fixed Price Swap	Opt	Electronic	8	USD	FRPL				8			
IFED	ICE Futures US Energy Division	Energy	MSO	PJM AEP Dayton Hub Real-Time Peak Fixed Price Swap	Opt	Floor	8	USD	FRPL				8			
IFED	ICE Futures US Energy Division	Energy	MSS	Malin Swing Swap	Fut	Electronic	0.66	USD	FRPL				0.66			
IFED	ICE Futures US Energy Division	Energy	MSS	Malin Swing Swap	Fut	Floor	0.66	USD	FRPL				0.66			
IFED	ICE Futures US Energy Division	Energy	MTI	TETCO M3 Index Swap	Fut	Electronic	0.66	USD	FRPL				0.66			
IFED	ICE Futures US Energy Division	Energy	MTI	TETCO M3 Index Swap	Fut	Floor	0.66	USD	FRPL				0.66			

Exch Code	Exch Desc	Comm Group	Prod Code	Product Desc	F/O	Platform	Trd Fee	Trd Fee Cur	Trd Fee Meth	Clr Fee	Clr Fee Cur	Clr Fee Meth	Fee Total	Brk Fee	Brk Fee Cur	Brk Fee Meth
IFED	ICE Futures US Energy Division	Energy	MTS	NGPL Midcont Swing Swap	Fut	Electronic	0.66	USD	FRPL				0.66			
IFED	ICE Futures US Energy Division	Energy	MTS	NGPL Midcont Swing Swap	Fut	Floor	0.66	USD	FRPL				0.66			
IFED	ICE Futures US Energy Division	Energy	MXO	Mid-Columbia Day-Ahead Off-Peak Daily Fixed Price Swap	Fut	Electronic	0.19	USD	FRPL				0.19			
IFED	ICE Futures US Energy Division	Energy	MXO	Mid-Columbia Day-Ahead Off-Peak Daily Fixed Price Swap	Fut	Floor	0.19	USD	FRPL				0.19			
IFED	ICE Futures US Energy Division	Energy	NAK	Cross State Air Pollution Rule TR NOx Annual Allowance	Fut	Electronic	10	USD	FRPL				10			
IFED	ICE Futures US Energy Division	Energy	NAK	Cross State Air Pollution Rule TR NOx Annual Allowance	Fut	Floor	10	USD	FRPL				10			
IFED	ICE Futures US Energy Division	Energy	NAK	Cross State Air Pollution Rule TR NOx Annual Allowance	Opt	Electronic	10	USD	FRPL				10			
IFED	ICE Futures US Energy Division	Energy	NAK	Cross State Air Pollution Rule TR NOx Annual Allowance	Opt	Floor	10	USD	FRPL				10			
IFED	ICE Futures US Energy Division	Energy	NAY	NYISO Zone A Day-Ahead Peak Fixed Price Swap	Fut	Electronic	8	USD	FRPL				8			
IFED	ICE Futures US Energy Division	Energy	NAY	NYISO Zone A Day-Ahead Peak Fixed Price Swap	Fut	Floor	8	USD	FRPL				8			
IFED	ICE Futures US Energy Division	Energy	NDA	ERCOT North 345KV Hub Day-Ahead Peak Daily Fixed Price Swap	Fut	Electronic	0.12	USD	FRPL				0.12			
IFED	ICE Futures US Energy Division	Energy	NDA	ERCOT North 345KV Hub Day-Ahead Peak Daily Fixed Price Swap	Fut	Floor	0.12	USD	FRPL				0.12			
IFED	ICE Futures US Energy Division	Energy	NDC	ERCOT North 345KV Hub Day-Ahead Off-Peak Daily Fixed Price Swap	Fut	Electronic	0.04	USD	FRPL				0.04			
IFED	ICE Futures US Energy Division	Energy	NDC	ERCOT North 345KV Hub Day-Ahead Off-Peak Daily Fixed Price Swap	Fut	Floor	0.04	USD	FRPL				0.04			
IFED	ICE Futures US Energy Division	Energy	NDO	PJM NI Hub Real-Time Off-Peak Daily Fixed Price Swap	Fut	Electronic	0.37	USD	FRPL				0.37			
IFED	ICE Futures US Energy Division	Energy	NDO	PJM NI Hub Real-Time Off-Peak Daily Fixed Price Swap	Fut	Floor	0.37	USD	FRPL				0.37			
IFED	ICE Futures US Energy Division	Energy	NDP	PJM NI Hub Real-Time Peak Daily Fixed Price Swap	Fut	Electronic	6	USD	FRPL				6			
IFED	ICE Futures US Energy Division	Energy	NDP	PJM NI Hub Real-Time Peak Daily Fixed Price Swap	Fut	Floor	6	USD	FRPL				6			
IFED	ICE Futures US Energy Division	Energy	NEB	ERCOT North 345KV Real-Time Off-Peak Fixed Price Swap	Fut	Electronic	0.05	USD	FRPL				0.05			
IFED	ICE Futures US Energy Division	Energy	NEB	ERCOT North 345KV Real-Time Off-Peak Fixed Price Swap	Fut	Floor	0.05	USD	FRPL				0.05			
IFED	ICE Futures US Energy Division	Energy	NED	ERCOT North 345KV Real-Time Off-Peak Daily Fixed Price Swap	Fut	Electronic	0.37	USD	FRPL				0.37			
IFED	ICE Futures US Energy Division	Energy	NED	ERCOT North 345KV Real-Time Off-Peak Daily Fixed Price Swap	Fut	Floor	0.37	USD	FRPL				0.37			
IFED	ICE Futures US Energy Division	Energy	NEM	ISO New England Massachusetts Hub Day-Ahead Peak Mini Fixed Price Swap	Fut	Electronic	0.16	USD	FRPL				0.16			
IFED	ICE Futures US Energy Division	Energy	NEM	ISO New England Massachusetts Hub Day-Ahead Peak Mini Fixed Price Swap	Fut	Floor	0.16	USD	FRPL				0.16			
IFED	ICE Futures US Energy Division	Energy	NEP	ISO New England Massachusetts Hub Day-Ahead Peak Fixed Price Swap	Fut	Electronic	8	USD	FRPL				8			
IFED	ICE Futures US Energy Division	Energy	NEP	ISO New England Massachusetts Hub Day-Ahead Peak Fixed Price Swap	Fut	Floor	8	USD	FRPL				8			
IFED	ICE Futures US Energy Division	Energy	NEP	ISO New England Massachusetts Hub Day-Ahead Peak Fixed Price Swap	Opt	Electronic	8	USD	FRPL				8			
IFED	ICE Futures US Energy Division	Energy	NEP	ISO New England Massachusetts Hub Day-Ahead Peak Fixed Price Swap	Opt	Floor	8	USD	FRPL				8			
IFED	ICE Futures US Energy Division	Energy	NEV	ERCOT Houston 345KV Day-Ahead Off-Peak Fixed Price Swap	Fut	Electronic	0.05	USD	FRPL				0.05			
IFED	ICE Futures US Energy Division	Energy	NEV	ERCOT Houston 345KV Day-Ahead Off-Peak Fixed Price Swap	Fut	Floor	0.05	USD	FRPL				0.05			
IFED	ICE Futures US Energy Division	Energy	NEX	ISO New England Massachusetts Hub Day-Ahead Peak Calendar Year One Time Fixed Price Swap	Fut	Electronic	8	USD	FRPL				8			
IFED	ICE Futures US Energy Division	Energy	NEX	ISO New England Massachusetts Hub Day-Ahead Peak Calendar Year One Time Fixed Price Swap	Fut	Floor	8	USD	FRPL				8			
IFED	ICE Futures US Energy Division	Energy	NEX	ISO New England Massachusetts Hub Day-Ahead Peak Calendar Year One Time Fixed Price Swap	Opt	Electronic	8	USD	FRPL				8			
IFED	ICE Futures US Energy Division	Energy	NEX	ISO New England Massachusetts Hub Day-Ahead Peak Calendar Year One Time Fixed Price Swap	Opt	Floor	8	USD	FRPL				8			
IFED	ICE Futures US Energy Division	Energy	NGA	AB NIT NGX Same Day 5a Fixed Price Swap	Fut	Electronic	2.52	USD	FRPL				2.52			
IFED	ICE Futures US Energy Division	Energy	NGA	AB NIT NGX Same Day 5a Fixed Price Swap	Fut	Floor	2.52	USD	FRPL				2.52			
IFED	ICE Futures US Energy Division	Energy	NGO	NYISO Zone G Day-Ahead Off-Peak Fixed Price Swap	Fut	Electronic	0.5	USD	FRPL				0.5			
IFED	ICE Futures US Energy Division	Energy	NGO	NYISO Zone G Day-Ahead Off-Peak Fixed Price Swap	Fut	Floor	0.5	USD	FRPL				0.5			
IFED	ICE Futures US Energy Division	Energy	NGY	NYISO Zone G Day-Ahead Peak Fixed Price Swap	Fut	Electronic	8	USD	FRPL				8			
IFED	ICE Futures US Energy Division	Energy	NGY	NYISO Zone G Day-Ahead Peak Fixed Price Swap	Fut	Floor	8	USD	FRPL				8			
IFED	ICE Futures US Energy Division	Energy	NIA	PJM NI Hub Day-Ahead Peak Daily Fixed Price Swap	Fut	Electronic	0.12	USD	FRPL				0.12			

Exch Code	Exch Desc	Comm Group	Prod Code	Product Desc	F/O	Platform	Trd Fee	Trd Fee Cur	Trd Fee Meth	Clr Fee	Clr Fee Cur	Clr Fee Meth	Fee Total	Brk Fee	Brk Fee Cur	Brk Fee Meth
IFED	ICE Futures US Energy Division	Energy	NIA	PJM NI Hub Day-Ahead Peak Daily Fixed Price Swap	Fut	Floor	0.12	USD	FRPL				0.12			
IFED	ICE Futures US Energy Division	Energy	NIB	PJM NI Hub Day-Ahead Peak Fixed Price Swap	Fut	Electronic	0.16	USD	FRPL				0.16			
IFED	ICE Futures US Energy Division	Energy	NIB	PJM NI Hub Day-Ahead Peak Fixed Price Swap	Fut	Floor	0.16	USD	FRPL				0.16			
IFED	ICE Futures US Energy Division	Energy	NIC	PJM NI Hub Day-Ahead Off-Peak Daily Fixed Price Swap	Fut	Electronic	0.04	USD	FRPL				0.04			
IFED	ICE Futures US Energy Division	Energy	NIC	PJM NI Hub Day-Ahead Off-Peak Daily Fixed Price Swap	Fut	Floor	0.04	USD	FRPL				0.04			
IFED	ICE Futures US Energy Division	Energy	NID	PJM NI Hub Day-Ahead Off-Peak Fixed Price Swap	Fut	Electronic	0.05	USD	FRPL				0.05			
IFED	ICE Futures US Energy Division	Energy	NID	PJM NI Hub Day-Ahead Off-Peak Fixed Price Swap	Fut	Floor	0.05	USD	FRPL				0.05			
IFED	ICE Futures US Energy Division	Energy	NIO	PJM NI Hub Real-Time Off-Peak Fixed Price Swap	Fut	Electronic	0.5	USD	FRPL				0.5			
IFED	ICE Futures US Energy Division	Energy	NIO	PJM NI Hub Real-Time Off-Peak Fixed Price Swap	Fut	Floor	0.5	USD	FRPL				0.5			
IFED	ICE Futures US Energy Division	Energy	NIS	NWP Sumas Index Swap	Fut	Electronic	0.66	USD	FRPL				0.66			
IFED	ICE Futures US Energy Division	Energy	NIS	NWP Sumas Index Swap	Fut	Floor	0.66	USD	FRPL				0.66			
IFED	ICE Futures US Energy Division	Energy	NJO	NYISO Zone J Day-Ahead Off-Peak Fixed Price Swap	Fut	Electronic	0.5	USD	FRPL				0.5			
IFED	ICE Futures US Energy Division	Energy	NJO	NYISO Zone J Day-Ahead Off-Peak Fixed Price Swap	Fut	Floor	0.5	USD	FRPL				0.5			
IFED	ICE Futures US Energy Division	Energy	NJR	New Jersey Compliance Renewable Energy Certificates Class 1	Fut	Electronic	1.75	USD	FRPL				1.75			
IFED	ICE Futures US Energy Division	Energy	NJR	New Jersey Compliance Renewable Energy Certificates Class 1	Fut	Floor	1.75	USD	FRPL				1.75			
IFED	ICE Futures US Energy Division	Energy	NJY	NYISO Zone J Day-Ahead Peak Fixed Price Swap	Fut	Electronic	8	USD	FRPL				8			
IFED	ICE Futures US Energy Division	Energy	NJY	NYISO Zone J Day-Ahead Peak Fixed Price Swap	Fut	Floor	8	USD	FRPL				8			
IFED	ICE Futures US Energy Division	Energy	NMC	Michcon Basis Swap	Fut	Electronic	0.66	USD	FRPL				0.66			
IFED	ICE Futures US Energy Division	Energy	NMC	Michcon Basis Swap	Fut	Floor	0.66	USD	FRPL				0.66			
IFED	ICE Futures US Energy Division	Energy	NMI	Michcon Index Swap	Fut	Electronic	0.66	USD	FRPL				0.66			
IFED	ICE Futures US Energy Division	Energy	NMI	Michcon Index Swap	Fut	Floor	0.66	USD	FRPL				0.66			
IFED	ICE Futures US Energy Division	Energy	NMS	Michcon Swing Swap	Fut	Electronic	0.66	USD	FRPL				0.66			
IFED	ICE Futures US Energy Division	Energy	NMS	Michcon Swing Swap	Fut	Floor	0.66	USD	FRPL				0.66			
IFED	ICE Futures US Energy Division	Energy	NNI	Ventura Index Swap	Fut	Electronic	0.66	USD	FRPL				0.66			
IFED	ICE Futures US Energy Division	Energy	NNI	Ventura Index Swap	Fut	Floor	0.66	USD	FRPL				0.66			
IFED	ICE Futures US Energy Division	Energy	NNS	Ventura Swing Swap	Fut	Electronic	0.66	USD	FRPL				0.66			
IFED	ICE Futures US Energy Division	Energy	NNS	Ventura Swing Swap	Fut	Floor	0.66	USD	FRPL				0.66			
IFED	ICE Futures US Energy Division	Energy	NOC	ISO New England Massachusetts Hub Day-Ahead Off-Peak Calendar Year One Time Fixed Price Swap	Fut	Electronic	0.5	USD	FRPL				0.5			
IFED	ICE Futures US Energy Division	Energy	NOC	ISO New England Massachusetts Hub Day-Ahead Off-Peak Calendar Year One Time Fixed Price Swap	Fut	Floor	0.5	USD	FRPL				0.5			
IFED	ICE Futures US Energy Division	Energy	NOC	ISO New England Massachusetts Hub Day-Ahead Off-Peak Calendar Year One Time Fixed Price Swap	Opt	Electronic	0.5	USD	FRPL				0.5			
IFED	ICE Futures US Energy Division	Energy	NOC	ISO New England Massachusetts Hub Day-Ahead Off-Peak Calendar Year One Time Fixed Price Swap	Opt	Floor	0.5	USD	FRPL				0.5			
IFED	ICE Futures US Energy Division	Energy	NOD	NYISO Zone G Day-Ahead Off-Peak Daily Fixed Price Swap	Fut	Electronic	0.37	USD	FRPL				0.37			
IFED	ICE Futures US Energy Division	Energy	NOD	NYISO Zone G Day-Ahead Off-Peak Daily Fixed Price Swap	Fut	Floor	0.37	USD	FRPL				0.37			
IFED	ICE Futures US Energy Division	Energy	NOJ	NYISO Zone J Day-Ahead Off-Peak Daily Fixed Price Swap	Fut	Electronic	0.37	USD	FRPL				0.37			
IFED	ICE Futures US Energy Division	Energy	NOJ	NYISO Zone J Day-Ahead Off-Peak Daily Fixed Price Swap	Fut	Floor	0.37	USD	FRPL				0.37			
IFED	ICE Futures US Energy Division	Energy	NOK	Cross State Air Pollution Rule TR NOx Ozone Season Allowance	Fut	Electronic	10	USD	FRPL				10			
IFED	ICE Futures US Energy Division	Energy	NOK	Cross State Air Pollution Rule TR NOx Ozone Season Allowance	Fut	Floor	10	USD	FRPL				10			
IFED	ICE Futures US Energy Division	Energy	NOK	Cross State Air Pollution Rule TR NOx Ozone Season Allowance	Opt	Electronic	10	USD	FRPL				10			
IFED	ICE Futures US Energy Division	Energy	NOK	Cross State Air Pollution Rule TR NOx Ozone Season Allowance	Opt	Floor	10	USD	FRPL				10			
IFED	ICE Futures US Energy Division	Energy	NOM	ISO New England Massachusetts Hub Day-Ahead Off-Peak Mini Fixed Price Swap	Fut	Electronic	0.05	USD	FRPL				0.05			
IFED	ICE Futures US Energy Division	Energy	NOM	ISO New England Massachusetts Hub Day-Ahead Off-Peak Mini Fixed Price Swap	Fut	Floor	0.05	USD	FRPL				0.05			
IFED	ICE Futures US Energy Division	Energy	NOP	ISO New England Massachusetts Hub Day-Ahead Off-Peak Fixed Price Swap	Fut	Electronic	0.5	USD	FRPL				0.5			
IFED	ICE Futures US Energy Division	Energy	NOP	ISO New England Massachusetts Hub Day-Ahead Off-Peak Fixed Price Swap	Fut	Floor	0.5	USD	FRPL				0.5			
IFED	ICE Futures US Energy Division	Energy	NPM	CAISO NP-15 Day-Ahead Peak Fixed Price Swap	Fut	Electronic	4	USD	FRPL				4			
IFED	ICE Futures US Energy Division	Energy	NPM	CAISO NP-15 Day-Ahead Peak Fixed Price Swap	Fut	Floor	4	USD	FRPL				4			

Exch Code	Exch Desc	Comm Group	Prod Code	Product Desc	F/O	Platform	Trd Fee	Trd Fee Cur	Trd Fee Meth	Clr Fee	Clr Fee Cur	Clr Fee Meth	Fee Total	Brk Fee	Brk Fee Cur	Brk Fee Meth
IFED	ICE Futures US Energy Division	Energy	NRO	CAISO NP-15 Real-Time Off-Peak Daily Fixed Price Swap	Fut	Electronic	0.19	USD	FRPL				0.19			
IFED	ICE Futures US Energy Division	Energy	NRO	CAISO NP-15 Real-Time Off-Peak Daily Fixed Price Swap	Fut	Floor	0.19	USD	FRPL				0.19			
IFED	ICE Futures US Energy Division	Energy	NRP	CAISO NP-15 Real-Time Peak Daily Fixed Price Swap	Fut	Electronic	3	USD	FRPL				3			
IFED	ICE Futures US Energy Division	Energy	NRP	CAISO NP-15 Real-Time Peak Daily Fixed Price Swap	Fut	Floor	3	USD	FRPL				3			
IFED	ICE Futures US Energy Division	Energy	NSI	Transco Zone 6 (NY) Index Swap	Fut	Electronic	0.66	USD	FRPL				0.66			
IFED	ICE Futures US Energy Division	Energy	NSI	Transco Zone 6 (NY) Index Swap	Fut	Floor	0.66	USD	FRPL				0.66			
IFED	ICE Futures US Energy Division	Energy	NSS	NWP Sumas Swing Swap	Fut	Electronic	0.66	USD	FRPL				0.66			
IFED	ICE Futures US Energy Division	Energy	NSS	NWP Sumas Swing Swap	Fut	Floor	0.66	USD	FRPL				0.66			
IFED	ICE Futures US Energy Division	Energy	NSU	NWP Sumas Basis Swap	Fut	Electronic	0.66	USD	FRPL				0.66			
IFED	ICE Futures US Energy Division	Energy	NSU	NWP Sumas Basis Swap	Fut	Floor	0.66	USD	FRPL				0.66			
IFED	ICE Futures US Energy Division	Energy	NSX	NGPL STX Basis Swap	Fut	Electronic	0.66	USD	FRPL				0.66			
IFED	ICE Futures US Energy Division	Energy	NSX	NGPL STX Basis Swap	Fut	Floor	0.66	USD	FRPL				0.66			
IFED	ICE Futures US Energy Division	Energy	NTI	NGPL TXOK Index Swap	Fut	Electronic	0.66	USD	FRPL				0.66			
IFED	ICE Futures US Energy Division	Energy	NTI	NGPL TXOK Index Swap	Fut	Floor	0.66	USD	FRPL				0.66			
IFED	ICE Futures US Energy Division	Energy	NTO	NGPL TXOK Basis Swap	Fut	Electronic	0.66	USD	FRPL				0.66			
IFED	ICE Futures US Energy Division	Energy	NTO	NGPL TXOK Basis Swap	Fut	Floor	0.66	USD	FRPL				0.66			
IFED	ICE Futures US Energy Division	Energy	NTS	NGPL TXOK Swing Swap	Fut	Electronic	0.66	USD	FRPL				0.66			
IFED	ICE Futures US Energy Division	Energy	NTS	NGPL TXOK Swing Swap	Fut	Floor	0.66	USD	FRPL				0.66			
IFED	ICE Futures US Energy Division	Energy	NVE	NNG Ventura Basis Swap	Fut	Electronic	0.66	USD	FRPL				0.66			
IFED	ICE Futures US Energy Division	Energy	NVE	NNG Ventura Basis Swap	Fut	Floor	0.66	USD	FRPL				0.66			
IFED	ICE Futures US Energy Division	Energy	NWR	NWP Rockies Basis Swap	Fut	Electronic	0.66	USD	FRPL				0.66			
IFED	ICE Futures US Energy Division	Energy	NWR	NWP Rockies Basis Swap	Fut	Floor	0.66	USD	FRPL				0.66			
IFED	ICE Futures US Energy Division	Energy	NXI	NGPL STX Index Swap	Fut	Electronic	0.66	USD	FRPL				0.66			
IFED	ICE Futures US Energy Division	Energy	NXI	NGPL STX Index Swap	Fut	Floor	0.66	USD	FRPL				0.66			
IFED	ICE Futures US Energy Division	Energy	NXS	NGPL STX Swing Swap	Fut	Electronic	0.66	USD	FRPL				0.66			
IFED	ICE Futures US Energy Division	Energy	NXS	NGPL STX Swing Swap	Fut	Floor	0.66	USD	FRPL				0.66			
IFED	ICE Futures US Energy Division	Energy	NZA	ERCOT North Load Zone Day-Ahead Peak Daily Fixed Price Swap	Fut	Electronic	0.12	USD	FRPL				0.12			
IFED	ICE Futures US Energy Division	Energy	NZA	ERCOT North Load Zone Day-Ahead Peak Daily Fixed Price Swap	Fut	Floor	0.12	USD	FRPL				0.12			
IFED	ICE Futures US Energy Division	Energy	NZB	ERCOT North Load Zone Day-Ahead Peak Fixed Price Swap	Fut	Electronic	0.16	USD	FRPL				0.16			
IFED	ICE Futures US Energy Division	Energy	NZB	ERCOT North Load Zone Day-Ahead Peak Fixed Price Swap	Fut	Floor	0.16	USD	FRPL				0.16			
IFED	ICE Futures US Energy Division	Energy	NZC	ERCOT North Load Zone Day-Ahead Off-Peak Daily Fixed Price Swap	Fut	Electronic	0.04	USD	FRPL				0.04			
IFED	ICE Futures US Energy Division	Energy	NZC	ERCOT North Load Zone Day-Ahead Off-Peak Daily Fixed Price Swap	Fut	Floor	0.04	USD	FRPL				0.04			
IFED	ICE Futures US Energy Division	Energy	NZD	ERCOT North Load Zone Day-Ahead Off-Peak Fixed Price Swap	Fut	Electronic	0.05	USD	FRPL				0.05			
IFED	ICE Futures US Energy Division	Energy	NZD	ERCOT North Load Zone Day-Ahead Off-Peak Fixed Price Swap	Fut	Floor	0.05	USD	FRPL				0.05			
IFED	ICE Futures US Energy Division	Energy	ODP	PJM Western Hub Real-Time Off-Peak Daily Fixed Price Swap	Fut	Electronic	0.37	USD	FRPL				0.37			
IFED	ICE Futures US Energy Division	Energy	ODP	PJM Western Hub Real-Time Off-Peak Daily Fixed Price Swap	Fut	Floor	0.37	USD	FRPL				0.37			
IFED	ICE Futures US Energy Division	Energy	OEH	ERCOT Houston Load Zone Real-Time Off-Peak Fixed Price Swap	Fut	Electronic	0.05	USD	FRPL				0.05			
IFED	ICE Futures US Energy Division	Energy	OEH	ERCOT Houston Load Zone Real-Time Off-Peak Fixed Price Swap	Fut	Floor	0.05	USD	FRPL				0.05			
IFED	ICE Futures US Energy Division	Energy	OEN	ERCOT North Load Zone Real-Time Off-Peak Fixed Price Swap	Fut	Electronic	0.05	USD	FRPL				0.05			
IFED	ICE Futures US Energy Division	Energy	OEN	ERCOT North Load Zone Real-Time Off-Peak Fixed Price Swap	Fut	Floor	0.05	USD	FRPL				0.05			
IFED	ICE Futures US Energy Division	Energy	OES	ERCOT South Load Zone Real-Time Off-Peak Fixed Price Swap	Fut	Electronic	0.05	USD	FRPL				0.05			
IFED	ICE Futures US Energy Division	Energy	OES	ERCOT South Load Zone Real-Time Off-Peak Fixed Price Swap	Fut	Floor	0.05	USD	FRPL				0.05			
IFED	ICE Futures US Energy Division	Energy	OEW	ERCOT West Load Zone Real-Time Off-Peak Fixed Price Swap	Fut	Electronic	0.05	USD	FRPL				0.05			
IFED	ICE Futures US Energy Division	Energy	OEW	ERCOT West Load Zone Real-Time Off-Peak Fixed Price Swap	Fut	Floor	0.05	USD	FRPL				0.05			
IFED	ICE Futures US Energy Division	Energy	OFP	CAISO SP-15 Day-Ahead Off-Peak Fixed Price Swap	Fut	Electronic	0.25	USD	FRPL				0.25			

Exch Code	Exch Desc	Comm Group	Prod Code	Product Desc	F/O	Platform	Trd Fee	Trd Fee Cur	Trd Fee Meth	Clr Fee	Clr Fee Cur	Clr Fee Meth	Fee Total	Brk Fee	Brk Fee Cur	Brk Fee Meth
IFED	ICE Futures US Energy Division	Energy	OFP	CAISO SP-15 Day-Ahead Off-Peak Fixed Price Swap	Fut	Floor	0.25	USD	FRPL				0.25			
IFED	ICE Futures US Energy Division	Energy	OMC	Mid-Columbia Day-Ahead Off-Peak Fixed Price Swap	Fut	Electronic	0.25	USD	FRPL				0.25			
IFED	ICE Futures US Energy Division	Energy	OMC	Mid-Columbia Day-Ahead Off-Peak Fixed Price Swap	Fut	Floor	0.25	USD	FRPL				0.25			
IFED	ICE Futures US Energy Division	Energy	OMI	PJM Western Hub Real-Time Off-Peak Mini Fixed Price Swap	Fut	Electronic	0.05	USD	FRPL				0.05			
IFED	ICE Futures US Energy Division	Energy	OMI	PJM Western Hub Real-Time Off-Peak Mini Fixed Price Swap	Fut	Floor	0.05	USD	FRPL				0.05			
IFED	ICE Futures US Energy Division	Energy	ONE	ONEOK Gas Transportation Basis Swap	Fut	Electronic	0.66	USD	FRPL				0.66			
IFED	ICE Futures US Energy Division	Energy	ONE	ONEOK Gas Transportation Basis Swap	Fut	Floor	0.66	USD	FRPL				0.66			
IFED	ICE Futures US Energy Division	Energy	ONI	ONEOK Gas Transportation Index Swap	Fut	Electronic	0.66	USD	FRPL				0.66			
IFED	ICE Futures US Energy Division	Energy	ONI	ONEOK Gas Transportation Index Swap	Fut	Floor	0.66	USD	FRPL				0.66			
IFED	ICE Futures US Energy Division	Energy	ONP	CAISO NP-15 Day-Ahead Off-Peak Fixed Price Swap	Fut	Electronic	0.25	USD	FRPL				0.25			
IFED	ICE Futures US Energy Division	Energy	ONP	CAISO NP-15 Day-Ahead Off-Peak Fixed Price Swap	Fut	Floor	0.25	USD	FRPL				0.25			
IFED	ICE Futures US Energy Division	Energy	ONS	ONEOK Gas Swing Swap	Fut	Electronic	0.66	USD	FRPL				0.66			
IFED	ICE Futures US Energy Division	Energy	ONS	ONEOK Gas Swing Swap	Fut	Floor	0.66	USD	FRPL				0.66			
IFED	ICE Futures US Energy Division	Energy	OPJ	PJM Western Hub Real-Time Off-Peak Fixed Price Swap	Fut	Electronic	0.5	USD	FRPL				0.5			
IFED	ICE Futures US Energy Division	Energy	OPJ	PJM Western Hub Real-Time Off-Peak Fixed Price Swap	Fut	Floor	0.5	USD	FRPL				0.5			
IFED	ICE Futures US Energy Division	Energy	OPJ	PJM Western Hub Real-Time Off-Peak Fixed Price Swap	Opt	Electronic	0.38	USD	FRPL				0.38			
IFED	ICE Futures US Energy Division	Energy	OPJ	PJM Western Hub Real-Time Off-Peak Fixed Price Swap	Opt	Floor	0.38	USD	FRPL				0.38			
IFED	ICE Futures US Energy Division	Energy	OPP	Panhandle Fixed Price Swap	Fut	Electronic	0.66	USD	FRPL				0.66			
IFED	ICE Futures US Energy Division	Energy	OPP	Panhandle Fixed Price Swap	Fut	Floor	0.66	USD	FRPL				0.66			
IFED	ICE Futures US Energy Division	Energy	OPP	Panhandle Fixed Price Swap	Opt	Electronic	0.66	USD	FRPL				0.66			
IFED	ICE Futures US Energy Division	Energy	OPP	Panhandle Fixed Price Swap	Opt	Floor	0.66	USD	FRPL				0.66			
IFED	ICE Futures US Energy Division	Energy	OPS	Socal Fixed Price Swap	Fut	Electronic	0.66	USD	FRPL				0.66			
IFED	ICE Futures US Energy Division	Energy	OPS	Socal Fixed Price Swap	Fut	Floor	0.66	USD	FRPL				0.66			
IFED	ICE Futures US Energy Division	Energy	OPS	Socal Fixed Price Swap	Opt	Electronic	0.66	USD	FRPL				0.66			
IFED	ICE Futures US Energy Division	Energy	OPS	Socal Fixed Price Swap	Opt	Floor	0.66	USD	FRPL				0.66			
IFED	ICE Futures US Energy Division	Energy	OPU	EP San Juan Fixed Price Swap	Fut	Electronic	0.66	USD	FRPL				0.66			
IFED	ICE Futures US Energy Division	Energy	OPU	EP San Juan Fixed Price Swap	Fut	Floor	0.66	USD	FRPL				0.66			
IFED	ICE Futures US Energy Division	Energy	OPU	EP San Juan Fixed Price Swap	Opt	Electronic	0.66	USD	FRPL				0.66			
IFED	ICE Futures US Energy Division	Energy	OPU	EP San Juan Fixed Price Swap	Opt	Floor	0.66	USD	FRPL				0.66			
IFED	ICE Futures US Energy Division	Energy	OUB	Southern Star TX OK KS Basis Swap	Fut	Electronic	0.66	USD	FRPL				0.66			
IFED	ICE Futures US Energy Division	Energy	OUB	Southern Star TX OK KS Basis Swap	Fut	Floor	0.66	USD	FRPL				0.66			
IFED	ICE Futures US Energy Division	Energy	OUI	Southern Star TX OK KS Index Swap	Fut	Electronic	0.66	USD	FRPL				0.66			
IFED	ICE Futures US Energy Division	Energy	OUI	Southern Star TX OK KS Index Swap	Fut	Floor	0.66	USD	FRPL				0.66			
IFED	ICE Futures US Energy Division	Energy	OUS	Southern Star TX OK KS Swing Swap	Fut	Electronic	0.66	USD	FRPL				0.66			
IFED	ICE Futures US Energy Division	Energy	OUS	Southern Star TX OK KS Swing Swap	Fut	Floor	0.66	USD	FRPL				0.66			
IFED	ICE Futures US Energy Division	Energy	OVP	Palo Verde Day-Ahead Off-Peak Fixed Price Swap	Fut	Electronic	0.25	USD	FRPL				0.25			
IFED	ICE Futures US Energy Division	Energy	OVP	Palo Verde Day-Ahead Off-Peak Fixed Price Swap	Fut	Floor	0.25	USD	FRPL				0.25			
IFED	ICE Futures US Energy Division	Energy	PAN	Panhandle Basis Swap	Fut	Electronic	0.66	USD	FRPL				0.66			
IFED	ICE Futures US Energy Division	Energy	PAN	Panhandle Basis Swap	Fut	Floor	0.66	USD	FRPL				0.66			
IFED	ICE Futures US Energy Division	Energy	PCO	PJM PECO Zone Day-Ahead Off-Peak Fixed Price Swap	Fut	Electronic	0.05	USD	FRPL				0.05			
IFED	ICE Futures US Energy Division	Energy	PCO	PJM PECO Zone Day-Ahead Off-Peak Fixed Price Swap	Fut	Floor	0.05	USD	FRPL				0.05			
IFED	ICE Futures US Energy Division	Energy	PCP	PJM PECO Zone Day-Ahead Peak Fixed Price Swap	Fut	Electronic	0.16	USD	FRPL				0.16			
IFED	ICE Futures US Energy Division	Energy	PCP	PJM PECO Zone Day-Ahead Peak Fixed Price Swap	Fut	Floor	0.16	USD	FRPL				0.16			
IFED	ICE Futures US Energy Division	Energy	PDA	PJM Western Hub Day-Ahead Peak Daily Fixed Price Swap	Fut	Electronic	6	USD	FRPL				6			
IFED	ICE Futures US Energy Division	Energy	PDA	PJM Western Hub Day-Ahead Peak Daily Fixed Price Swap	Fut	Floor	6	USD	FRPL				6			
IFED	ICE Futures US Energy Division	Energy	PDO	PJM Western Hub Day-Ahead Off-Peak Daily Fixed Price Swap	Fut	Electronic	0.37	USD	FRPL				0.37			
IFED	ICE Futures US Energy Division	Energy	PDO	PJM Western Hub Day-Ahead Off-Peak Daily Fixed Price Swap	Fut	Floor	0.37	USD	FRPL				0.37			
IFED	ICE Futures US Energy Division	Energy	PDP	PJM Western Hub Real-Time Peak Daily Fixed Price Swap	Fut	Electronic	6	USD	FRPL				6			
IFED	ICE Futures US Energy Division	Energy	PDP	PJM Western Hub Real-Time Peak Daily Fixed Price Swap	Fut	Floor	6	USD	FRPL				6			
IFED	ICE Futures US Energy Division	Energy	PDQ	PJM Western Hub Real-Time Peak Look Back Fixed Price Swap	Fut	Electronic	6	USD	FRPL				6			
IFED	ICE Futures US Energy Division	Energy	PDQ	PJM Western Hub Real-Time Peak Look Back Fixed Price Swap	Fut	Floor	6	USD	FRPL				6			
IFED	ICE Futures US Energy Division	Energy	PDQ	PJM Western Hub Real-Time Peak Look Back Fixed Price Swap	Opt	Electronic	6	USD	FRPL				6			
IFED	ICE Futures US Energy Division	Energy	PDQ	PJM Western Hub Real-Time Peak Look Back Fixed Price Swap	Opt	Floor	6	USD	FRPL				6			

Exch Code	Exch Desc	Comm Group	Prod Code	Product Desc	F/O	Platform	Trd Fee	Trd Fee Cur	Trd Fee Meth	Clr Fee	Clr Fee Cur	Clr Fee Meth	Fee Total	Brk Fee	Brk Fee Cur	Brk Fee Meth
IFED	ICE Futures US Energy Division	Energy	PEA	PJM Eastern Hub Day-Ahead Peak Daily Fixed Price Swap	Fut	Electronic	0.12	USD	FRPL				0.12			
IFED	ICE Futures US Energy Division	Energy	PEA	PJM Eastern Hub Day-Ahead Peak Daily Fixed Price Swap	Fut	Floor	0.12	USD	FRPL				0.12			
IFED	ICE Futures US Energy Division	Energy	PEB	PJM Eastern Hub Day-Ahead Peak Fixed Price Swap	Fut	Electronic	0.16	USD	FRPL				0.16			
IFED	ICE Futures US Energy Division	Energy	PEB	PJM Eastern Hub Day-Ahead Peak Fixed Price Swap	Fut	Floor	0.16	USD	FRPL				0.16			
IFED	ICE Futures US Energy Division	Energy	PEC	PJM Eastern Hub Day-Ahead Off-Peak Daily Fixed Price Swap	Fut	Electronic	0.04	USD	FRPL				0.04			
IFED	ICE Futures US Energy Division	Energy	PEC	PJM Eastern Hub Day-Ahead Off-Peak Daily Fixed Price Swap	Fut	Floor	0.04	USD	FRPL				0.04			
IFED	ICE Futures US Energy Division	Energy	PED	PJM Eastern Hub Day-Ahead Off-Peak Fixed Price Swap	Fut	Electronic	0.05	USD	FRPL				0.05			
IFED	ICE Futures US Energy Division	Energy	PED	PJM Eastern Hub Day-Ahead Off-Peak Fixed Price Swap	Fut	Floor	0.05	USD	FRPL				0.05			
IFED	ICE Futures US Energy Division	Energy	PEI	Permian Index Swap	Fut	Electronic	0.66	USD	FRPL				0.66			
IFED	ICE Futures US Energy Division	Energy	PEI	Permian Index Swap	Fut	Floor	0.66	USD	FRPL				0.66			
IFED	ICE Futures US Energy Division	Energy	PER	Permian Basis Swap	Fut	Electronic	0.66	USD	FRPL				0.66			
IFED	ICE Futures US Energy Division	Energy	PER	Permian Basis Swap	Fut	Floor	0.66	USD	FRPL				0.66			
IFED	ICE Futures US Energy Division	Energy	PES	Permian Swing Swap	Fut	Electronic	0.66	USD	FRPL				0.66			
IFED	ICE Futures US Energy Division	Energy	PES	Permian Swing Swap	Fut	Floor	0.66	USD	FRPL				0.66			
IFED	ICE Futures US Energy Division	Energy	PGE	PG&E Citygate Basis Swap	Fut	Electronic	0.66	USD	FRPL				0.66			
IFED	ICE Futures US Energy Division	Energy	PGE	PG&E Citygate Basis Swap	Fut	Floor	0.66	USD	FRPL				0.66			
IFED	ICE Futures US Energy Division	Energy	PHE	Henry Penultimate Fixed Price Swap	Opt	Electronic	0.66	USD	FRPL				0.66			
IFED	ICE Futures US Energy Division	Energy	PHE	Henry Penultimate Fixed Price Swap	Opt	Floor	0.66	USD	FRPL				0.66			
IFED	ICE Futures US Energy Division	Energy	PHH	Henry Penultimate Fixed Price Swap	Fut	Electronic	0.66	USD	FRPL				0.66			
IFED	ICE Futures US Energy Division	Energy	PHH	Henry Penultimate Fixed Price Swap	Fut	Floor	0.66	USD	FRPL				0.66			
IFED	ICE Futures US Energy Division	Energy	PIG	PG&E Citygate Swing Swap	Fut	Electronic	0.66	USD	FRPL				0.66			
IFED	ICE Futures US Energy Division	Energy	PIG	PG&E Citygate Swing Swap	Fut	Floor	0.66	USD	FRPL				0.66			
IFED	ICE Futures US Energy Division	Energy	PIS	Panhandle Index Swap	Fut	Electronic	0.66	USD	FRPL				0.66			
IFED	ICE Futures US Energy Division	Energy	PIS	Panhandle Index Swap	Fut	Floor	0.66	USD	FRPL				0.66			
IFED	ICE Futures US Energy Division	Energy	PJC	PJM Western Hub Day-Ahead Peak Fixed Price Swap	Fut	Electronic	0.12	USD	FRPL				0.12			
IFED	ICE Futures US Energy Division	Energy	PJC	PJM Western Hub Day-Ahead Peak Fixed Price Swap	Fut	Floor	0.12	USD	FRPL				0.12			
IFED	ICE Futures US Energy Division	Energy	PJD	PJM Western Hub Day-Ahead Off-Peak Fixed Price Swap	Fut	Electronic	0.05	USD	FRPL				0.05			
IFED	ICE Futures US Energy Division	Energy	PJD	PJM Western Hub Day-Ahead Off-Peak Fixed Price Swap	Fut	Floor	0.05	USD	FRPL				0.05			
IFED	ICE Futures US Energy Division	Energy	PJM	PJM Western Hub Real-Time Peak Fixed Price Swap	Fut	Electronic	6	USD	FRPL				6			
IFED	ICE Futures US Energy Division	Energy	PJM	PJM Western Hub Real-Time Peak Fixed Price Swap	Fut	Floor	6	USD	FRPL				6			
IFED	ICE Futures US Energy Division	Energy	PJM	PJM Western Hub Real-Time Peak Fixed Price Swap	Opt	Electronic	6	USD	FRPL				6			
IFED	ICE Futures US Energy Division	Energy	PJM	PJM Western Hub Real-Time Peak Fixed Price Swap	Opt	Floor	6	USD	FRPL				6			
IFED	ICE Futures US Energy Division	Energy	PMB	PJM METED Zone Day-Ahead Peak Fixed Price Swap	Fut	Electronic	0.16	USD	FRPL				0.16			
IFED	ICE Futures US Energy Division	Energy	PMB	PJM METED Zone Day-Ahead Peak Fixed Price Swap	Fut	Floor	0.16	USD	FRPL				0.16			
IFED	ICE Futures US Energy Division	Energy	PMD	PJM METED Zone Day-Ahead Off-Peak Fixed Price Swap	Fut	Electronic	0.05	USD	FRPL				0.05			
IFED	ICE Futures US Energy Division	Energy	PMD	PJM METED Zone Day-Ahead Off-Peak Fixed Price Swap	Fut	Floor	0.05	USD	FRPL				0.05			
IFED	ICE Futures US Energy Division	Energy	PMI	PJM Western Hub Real-Time Peak Mini Fixed Price Swap	Fut	Electronic	0.12	USD	FRPL				0.12			
IFED	ICE Futures US Energy Division	Energy	PMI	PJM Western Hub Real-Time Peak Mini Fixed Price Swap	Fut	Floor	0.12	USD	FRPL				0.12			
IFED	ICE Futures US Energy Division	Energy	PMI	PJM Western Hub Real-Time Peak Mini Fixed Price Swap	Opt	Electronic	0.12	USD	FRPL				0.12			
IFED	ICE Futures US Energy Division	Energy	PMI	PJM Western Hub Real-Time Peak Mini Fixed Price Swap	Opt	Floor	0.12	USD	FRPL				0.12			
IFED	ICE Futures US Energy Division	Energy	PMX	PJM Western Hub Real-Time Peak Calendar Year One Time Fixed Price Swap	Fut	Electronic	6	USD	FRPL				6			
IFED	ICE Futures US Energy Division	Energy	PMX	PJM Western Hub Real-Time Peak Calendar Year One Time Fixed Price Swap	Fut	Floor	6	USD	FRPL				6			
IFED	ICE Futures US Energy Division	Energy	PMX	PJM Western Hub Real-Time Peak Calendar Year One Time Fixed Price Swap	Opt	Electronic	4	USD	FRPL				4			
IFED	ICE Futures US Energy Division	Energy	PMX	PJM Western Hub Real-Time Peak Calendar Year One Time Fixed Price Swap	Opt	Floor	4	USD	FRPL				4			
IFED	ICE Futures US Energy Division	Energy	PNL	PJM NI Hub Real-Time Peak Fixed Price Swap	Fut	Electronic	8	USD	FRPL				8			
IFED	ICE Futures US Energy Division	Energy	PNL	PJM NI Hub Real-Time Peak Fixed Price Swap	Fut	Floor	8	USD	FRPL				8			
IFED	ICE Futures US Energy Division	Energy	POP	ISO New England Massachusetts Hub Day-Ahead Off-Peak Daily Fixed Price Swap	Fut	Electronic	0.37	USD	FRPL				0.37			
IFED	ICE Futures US Energy Division	Energy	POP	ISO New England Massachusetts Hub Day-Ahead Off-Peak Daily Fixed Price Swap	Fut	Floor	0.37	USD	FRPL				0.37			
IFED	ICE Futures US Energy Division	Energy	PPE	PJM PEPCO Zone Day-Ahead Peak Daily Fixed Price Swap	Fut	Electronic	0.12	USD	FRPL				0.12			
IFED	ICE Futures US Energy Division	Energy	PPE	PJM PEPCO Zone Day-Ahead Peak Daily Fixed Price Swap	Fut	Floor	0.12	USD	FRPL				0.12			
IFED	ICE Futures US Energy Division	Energy	PPF	PJM PEPCO Zone Day-Ahead Peak Month Fixed Price Swap	Fut	Electronic	0.16	USD	FRPL				0.16			
IFED	ICE Futures US Energy Division	Energy	PPF	PJM PEPCO Zone Day-Ahead Peak Month Fixed Price Swap	Fut	Floor	0.16	USD	FRPL				0.16			

Exch Code	Exch Desc	Comm Group	Prod Code	Product Desc	F/O	Platform	Trd Fee	Trd Fee Cur	Trd Fee Meth	Clr Fee	Clr Fee Cur	Clr Fee Meth	Fee Total	Brk Fee	Brk Fee Cur	Brk Fee Meth
IFED	ICE Futures US Energy Division	Energy	PPG	PJM PEPCO Zone Day-Ahead Off-Peak Daily Fixed Price Swap	Fut	Electronic	0.04	USD	FRPL				0.04			
IFED	ICE Futures US Energy Division	Energy	PPG	PJM PEPCO Zone Day-Ahead Off-Peak Daily Fixed Price Swap	Fut	Floor	0.04	USD	FRPL				0.04			
IFED	ICE Futures US Energy Division	Energy	PPH	PJM PEPCO Zone Day-Ahead Off-Peak Fixed Price Swap	Fut	Electronic	0.05	USD	FRPL				0.05			
IFED	ICE Futures US Energy Division	Energy	PPH	PJM PEPCO Zone Day-Ahead Off-Peak Fixed Price Swap	Fut	Floor	0.05	USD	FRPL				0.05			
IFED	ICE Futures US Energy Division	Energy	PPO	PJM PPL Zone Day-Ahead Off-Peak Fixed Price Swap	Fut	Electronic	0.05	USD	FRPL				0.05			
IFED	ICE Futures US Energy Division	Energy	PPO	PJM PPL Zone Day-Ahead Off-Peak Fixed Price Swap	Fut	Floor	0.05	USD	FRPL				0.05			
IFED	ICE Futures US Energy Division	Energy	PPP	PJM PPL Zone Day-Ahead Peak Fixed Price Swap	Fut	Electronic	0.16	USD	FRPL				0.16			
IFED	ICE Futures US Energy Division	Energy	PPP	PJM PPL Zone Day-Ahead Peak Fixed Price Swap	Fut	Floor	0.16	USD	FRPL				0.16			
IFED	ICE Futures US Energy Division	Energy	PQB	PJM Duquesne Zone Day-Ahead Peak Fixed Price Swap	Fut	Electronic	0.16	USD	FRPL				0.16			
IFED	ICE Futures US Energy Division	Energy	PQB	PJM Duquesne Zone Day-Ahead Peak Fixed Price Swap	Fut	Floor	0.16	USD	FRPL				0.16			
IFED	ICE Futures US Energy Division	Energy	PQD	PJM Duquesne Zone Day-Ahead Off-Peak Fixed Price Swap	Fut	Electronic	0.05	USD	FRPL				0.05			
IFED	ICE Futures US Energy Division	Energy	PQD	PJM Duquesne Zone Day-Ahead Off-Peak Fixed Price Swap	Fut	Floor	0.05	USD	FRPL				0.05			
IFED	ICE Futures US Energy Division	Energy	PSA	PJM PSEG Day-Ahead Peak Fixed Price Swap	Fut	Electronic	0.16	USD	FRPL				0.16			
IFED	ICE Futures US Energy Division	Energy	PSA	PJM PSEG Day-Ahead Peak Fixed Price Swap	Fut	Floor	0.16	USD	FRPL				0.16			
IFED	ICE Futures US Energy Division	Energy	PSB	PJM PSEG Day-Ahead Off-Peak Fixed Price Swap	Fut	Electronic	0.05	USD	FRPL				0.05			
IFED	ICE Futures US Energy Division	Energy	PSB	PJM PSEG Day-Ahead Off-Peak Fixed Price Swap	Fut	Floor	0.05	USD	FRPL				0.05			
IFED	ICE Futures US Energy Division	Energy	PSC	PJM PSEG Day-Ahead Peak Daily Fixed Price Swap	Fut	Electronic	0.12	USD	FRPL				0.12			
IFED	ICE Futures US Energy Division	Energy	PSC	PJM PSEG Day-Ahead Peak Daily Fixed Price Swap	Fut	Floor	0.12	USD	FRPL				0.12			
IFED	ICE Futures US Energy Division	Energy	PSD	PJM PSEG Day-Ahead Off-Peak Daily Fixed Price Swap	Fut	Electronic	0.04	USD	FRPL				0.04			
IFED	ICE Futures US Energy Division	Energy	PSD	PJM PSEG Day-Ahead Off-Peak Daily Fixed Price Swap	Fut	Floor	0.04	USD	FRPL				0.04			
IFED	ICE Futures US Energy Division	Energy	PSS	Panhandle Swing Swap	Fut	Electronic	0.66	USD	FRPL				0.66			
IFED	ICE Futures US Energy Division	Energy	PSS	Panhandle Swing Swap	Fut	Floor	0.66	USD	FRPL				0.66			
IFED	ICE Futures US Energy Division	Energy	PTB	PJM AECO Zone Day-Ahead Peak Fixed Price Swap	Fut	Electronic	0.16	USD	FRPL				0.16			
IFED	ICE Futures US Energy Division	Energy	PTB	PJM AECO Zone Day-Ahead Peak Fixed Price Swap	Fut	Floor	0.16	USD	FRPL				0.16			
IFED	ICE Futures US Energy Division	Energy	PTD	PJM AECO Zone Day-Ahead Off-Peak Fixed Price Swap	Fut	Electronic	0.05	USD	FRPL				0.05			
IFED	ICE Futures US Energy Division	Energy	PTD	PJM AECO Zone Day-Ahead Off-Peak Fixed Price Swap	Fut	Floor	0.05	USD	FRPL				0.05			
IFED	ICE Futures US Energy Division	Energy	PUB	PJM APS Zone Day-Ahead Peak Fixed Price Swap	Fut	Electronic	0.16	USD	FRPL				0.16			
IFED	ICE Futures US Energy Division	Energy	PUB	PJM APS Zone Day-Ahead Peak Fixed Price Swap	Fut	Floor	0.16	USD	FRPL				0.16			
IFED	ICE Futures US Energy Division	Energy	PUD	PJM APS Zone Day-Ahead Off-Peak Fixed Price Swap	Fut	Electronic	0.05	USD	FRPL				0.05			
IFED	ICE Futures US Energy Division	Energy	PUD	PJM APS Zone Day-Ahead Off-Peak Fixed Price Swap	Fut	Floor	0.05	USD	FRPL				0.05			
IFED	ICE Futures US Energy Division	Energy	PVM	Palo Verde Day-Ahead Peak Fixed Price Swap	Fut	Electronic	4	USD	FRPL				4			
IFED	ICE Futures US Energy Division	Energy	PVM	Palo Verde Day-Ahead Peak Fixed Price Swap	Fut	Floor	4	USD	FRPL				4			
IFED	ICE Futures US Energy Division	Energy	PWC	PJM Western Hub Real-Time Off-Peak Calendar One Time Fixed Price Swap	Fut	Electronic	0.5	USD	FRPL				0.5			
IFED	ICE Futures US Energy Division	Energy	PWC	PJM Western Hub Real-Time Off-Peak Calendar One Time Fixed Price Swap	Fut	Floor	0.5	USD	FRPL				0.5			
IFED	ICE Futures US Energy Division	Energy	PWC	PJM Western Hub Real-Time Off-Peak Calendar One Time Fixed Price Swap	Opt	Electronic	0.25	USD	FRPL				0.25			
IFED	ICE Futures US Energy Division	Energy	PWC	PJM Western Hub Real-Time Off-Peak Calendar One Time Fixed Price Swap	Opt	Floor	0.25	USD	FRPL				0.25			
IFED	ICE Futures US Energy Division	Energy	PWP	PJM Western Hub Real-Time Peak Planning Year One Time Fixed Price Swap	Fut	Electronic	6	USD	FRPL				6			
IFED	ICE Futures US Energy Division	Energy	PWP	PJM Western Hub Real-Time Peak Planning Year One Time Fixed Price Swap	Fut	Floor	6	USD	FRPL				6			
IFED	ICE Futures US Energy Division	Energy	PWP	PJM Western Hub Real-Time Peak Planning Year One Time Fixed Price Swap	Opt	Electronic	4	USD	FRPL				4			
IFED	ICE Futures US Energy Division	Energy	PWP	PJM Western Hub Real-Time Peak Planning Year One Time Fixed Price Swap	Opt	Floor	4	USD	FRPL				4			
IFED	ICE Futures US Energy Division	Energy	PXB	PJM DPL Zone Day-Ahead Peak Fixed Price Swap	Fut	Electronic	0.16	USD	FRPL				0.16			
IFED	ICE Futures US Energy Division	Energy	PXB	PJM DPL Zone Day-Ahead Peak Fixed Price Swap	Fut	Floor	0.16	USD	FRPL				0.16			
IFED	ICE Futures US Energy Division	Energy	PXD	PJM DPL Zone Day-Ahead Off-Peak Fixed Price Swap	Fut	Electronic	0.05	USD	FRPL				0.05			
IFED	ICE Futures US Energy Division	Energy	PXD	PJM DPL Zone Day-Ahead Off-Peak Fixed Price Swap	Fut	Floor	0.05	USD	FRPL				0.05			
IFED	ICE Futures US Energy Division	Energy	PZB	PJM PENELEC Zone Day-Ahead Peak Fixed Price Swap	Fut	Electronic	0.16	USD	FRPL				0.16			
IFED	ICE Futures US Energy Division	Energy	PZB	PJM PENELEC Zone Day-Ahead Peak Fixed Price Swap	Fut	Floor	0.16	USD	FRPL				0.16			
IFED	ICE Futures US Energy Division	Energy	PZD	PJM PENELEC Zone Day-Ahead Off-Peak Fixed Price Swap	Fut	Electronic	0.05	USD	FRPL				0.05			
IFED	ICE Futures US Energy Division	Energy	PZD	PJM PENELEC Zone Day-Ahead Off-Peak Fixed Price Swap	Fut	Floor	0.05	USD	FRPL				0.05			
IFED	ICE Futures US Energy Division	Energy	QHH	Henry LD4 Fixed Price Swap	Fut	Electronic	0.66	USD	FRPL				0.66			

Exch Code	Exch Desc	Comm Group	Prod Code	Product Desc	F/O	Platform	Trd Fee	Trd Fee Cur	Trd Fee Meth	Clr Fee	Clr Fee Cur	Clr Fee Meth	Fee Total	Brk Fee	Brk Fee Cur	Brk Fee Meth
IFED	ICE Futures US Energy Division	Energy	QHH	Henry LD4 Fixed Price Swap	Fut	Floor	0.66	USD	FRPL				0.66			
IFED	ICE Futures US Energy Division	Energy	QHH	Henry LD4 Fixed Price Swap	Opt	Electronic	0.66	USD	FRPL				0.66			
IFED	ICE Futures US Energy Division	Energy	QHH	Henry LD4 Fixed Price Swap	Opt	Floor	0.66	USD	FRPL				0.66			
IFED	ICE Futures US Energy Division	Energy	QVP	Palo Verde Day-Ahead Off-Peak Daily Swap	Fut	Electronic	0.19	USD	FRPL				0.19			
IFED	ICE Futures US Energy Division	Energy	QVP	Palo Verde Day-Ahead Off-Peak Daily Swap	Fut	Floor	0.19	USD	FRPL				0.19			
IFED	ICE Futures US Energy Division	Energy	RGH	Regional Greenhouse Gas Initiative Future-Vintage 2009	Fut	Electronic	1.75	USD	FRPL				1.75			
IFED	ICE Futures US Energy Division	Energy	RGH	Regional Greenhouse Gas Initiative Future-Vintage 2009	Fut	Floor	1.75	USD	FRPL				1.75			
IFED	ICE Futures US Energy Division	Energy	RGH	Regional Greenhouse Gas Initiative Future-Vintage 2009	Opt	Electronic	1.75	USD	FRPL				1.75			
IFED	ICE Futures US Energy Division	Energy	RGH	Regional Greenhouse Gas Initiative Future-Vintage 2009	Opt	Floor	1.75	USD	FRPL				1.75			
IFED	ICE Futures US Energy Division	Energy	RGI	Regional Greenhouse Gas Initiative Future-Vintage 2010	Fut	Electronic	1.75	USD	FRPL				1.75			
IFED	ICE Futures US Energy Division	Energy	RGI	Regional Greenhouse Gas Initiative Future-Vintage 2010	Fut	Floor	1.75	USD	FRPL				1.75			
IFED	ICE Futures US Energy Division	Energy	RGI	Regional Greenhouse Gas Initiative Future-Vintage 2010	Opt	Electronic	1.75	USD	FRPL				1.75			
IFED	ICE Futures US Energy Division	Energy	RGI	Regional Greenhouse Gas Initiative Future-Vintage 2010	Opt	Floor	1.75	USD	FRPL				1.75			
IFED	ICE Futures US Energy Division	Energy	RGJ	Regional Greenhouse Gas Initiative Future-Vintage 2011	Fut	Electronic	1.75	USD	FRPL				1.75			
IFED	ICE Futures US Energy Division	Energy	RGJ	Regional Greenhouse Gas Initiative Future-Vintage 2011	Fut	Floor	1.75	USD	FRPL				1.75			
IFED	ICE Futures US Energy Division	Energy	RGJ	Regional Greenhouse Gas Initiative Future-Vintage 2011	Opt	Electronic	1.75	USD	FRPL				1.75			
IFED	ICE Futures US Energy Division	Energy	RGJ	Regional Greenhouse Gas Initiative Future-Vintage 2011	Opt	Floor	1.75	USD	FRPL				1.75			
IFED	ICE Futures US Energy Division	Energy	RGK	Regional Greenhouse Gas Initiative Future-Vintage 2012	Fut	Electronic	1.75	USD	FRPL				1.75			
IFED	ICE Futures US Energy Division	Energy	RGK	Regional Greenhouse Gas Initiative Future-Vintage 2012	Fut	Floor	1.75	USD	FRPL				1.75			
IFED	ICE Futures US Energy Division	Energy	RGK	Regional Greenhouse Gas Initiative Future-Vintage 2012	Opt	Electronic	1.75	USD	FRPL				1.75			
IFED	ICE Futures US Energy Division	Energy	RGK	Regional Greenhouse Gas Initiative Future-Vintage 2012	Opt	Floor	1.75	USD	FRPL				1.75			
IFED	ICE Futures US Energy Division	Energy	RSI	NWP Rockies Index Swap	Fut	Electronic	0.66	USD	FRPL				0.66			
IFED	ICE Futures US Energy Division	Energy	RSI	NWP Rockies Index Swap	Fut	Floor	0.66	USD	FRPL				0.66			
IFED	ICE Futures US Energy Division	Energy	RSS	NWP Rockies Swing Swap	Fut	Electronic	0.66	USD	FRPL				0.66			
IFED	ICE Futures US Energy Division	Energy	RSS	NWP Rockies Swing Swap	Fut	Floor	0.66	USD	FRPL				0.66			
IFED	ICE Futures US Energy Division	Energy	SCB	Socal Citygate Basis Swap	Fut	Electronic	0.66	USD	FRPL				0.66			
IFED	ICE Futures US Energy Division	Energy	SCB	Socal Citygate Basis Swap	Fut	Floor	0.66	USD	FRPL				0.66			
IFED	ICE Futures US Energy Division	Energy	SCI	Socal Citygate Index Swap	Fut	Electronic	0.66	USD	FRPL				0.66			
IFED	ICE Futures US Energy Division	Energy	SCI	Socal Citygate Index Swap	Fut	Floor	0.66	USD	FRPL				0.66			
IFED	ICE Futures US Energy Division	Energy	SCL	Socal Border Basis Swap	Fut	Electronic	0.66	USD	FRPL				0.66			
IFED	ICE Futures US Energy Division	Energy	SCL	Socal Border Basis Swap	Fut	Floor	0.66	USD	FRPL				0.66			
IFED	ICE Futures US Energy Division	Energy	SCS	Socal Citygate Swing Swap	Fut	Electronic	0.66	USD	FRPL				0.66			
IFED	ICE Futures US Energy Division	Energy	SCS	Socal Citygate Swing Swap	Fut	Floor	0.66	USD	FRPL				0.66			
IFED	ICE Futures US Energy Division	Energy	SDH	Henry LD1 Same Day Fixed Price Swap	Fut	Electronic	0.66	USD	FRPL				0.66			
IFED	ICE Futures US Energy Division	Energy	SDH	Henry LD1 Same Day Fixed Price Swap	Fut	Floor	0.66	USD	FRPL				0.66			
IFED	ICE Futures US Energy Division	Energy	SDH	Henry LD1 Same Day Fixed Price Swap	Opt	Electronic	0.66	USD	FRPL				0.66			
IFED	ICE Futures US Energy Division	Energy	SDH	Henry LD1 Same Day Fixed Price Swap	Opt	Floor	0.66	USD	FRPL				0.66			
IFED	ICE Futures US Energy Division	Energy	SDP	CAISO SP-15 Day-Ahead Peak Daily Fixed Price Swap	Fut	Electronic	3	USD	FRPL				3			
IFED	ICE Futures US Energy Division	Energy	SDP	CAISO SP-15 Day-Ahead Peak Daily Fixed Price Swap	Fut	Floor	3	USD	FRPL				3			
IFED	ICE Futures US Energy Division	Energy	SDP	CAISO SP-15 Day-Ahead Peak Daily Fixed Price Swap	Opt	Electronic	3	USD	FRPL				3			
IFED	ICE Futures US Energy Division	Energy	SDP	CAISO SP-15 Day-Ahead Peak Daily Fixed Price Swap	Opt	Floor	3	USD	FRPL				3			
IFED	ICE Futures US Energy Division	Energy	SEA	ERCOT South 345KV Hub Day-Ahead Peak Daily Fixed Price Swap	Fut	Electronic	0.12	USD	FRPL				0.12			
IFED	ICE Futures US Energy Division	Energy	SEA	ERCOT South 345KV Hub Day-Ahead Peak Daily Fixed Price Swap	Fut	Floor	0.12	USD	FRPL				0.12			
IFED	ICE Futures US Energy Division	Energy	SEB	ERCOT South 345KV Real-Time Off-Peak Fixed Price Swap	Fut	Electronic	0.05	USD	FRPL				0.05			
IFED	ICE Futures US Energy Division	Energy	SEB	ERCOT South 345KV Real-Time Off-Peak Fixed Price Swap	Fut	Floor	0.05	USD	FRPL				0.05			
IFED	ICE Futures US Energy Division	Energy	SEC	ERCOT South 345KV Hub Day-Ahead Off-Peak Daily Fixed Price Swap	Fut	Electronic	0.04	USD	FRPL				0.04			
IFED	ICE Futures US Energy Division	Energy	SEC	ERCOT South 345KV Hub Day-Ahead Off-Peak Daily Fixed Price Swap	Fut	Floor	0.04	USD	FRPL				0.04			
IFED	ICE Futures US Energy Division	Energy	SED	ERCOT South 345KV Real-Time Off-Peak Daily Fixed Price Swap	Fut	Electronic	0.37	USD	FRPL				0.37			
IFED	ICE Futures US Energy Division	Energy	SED	ERCOT South 345KV Real-Time Off-Peak Daily Fixed Price Swap	Fut	Floor	0.37	USD	FRPL				0.37			
IFED	ICE Futures US Energy Division	Energy	SFH	Sulfur Financial Instrument Future-Vintage 2009	Fut	Electronic	1.75	USD	FRPL				1.75			
IFED	ICE Futures US Energy Division	Energy	SFH	Sulfur Financial Instrument Future-Vintage 2009	Fut	Floor	1.75	USD	FRPL				1.75			
IFED	ICE Futures US Energy Division	Energy	SFH	Sulfur Financial Instrument Future-Vintage 2009	Opt	Electronic	1.75	USD	FRPL				1.75			
IFED	ICE Futures US Energy Division	Energy	SFH	Sulfur Financial Instrument Future-Vintage 2009	Opt	Floor	1.75	USD	FRPL				1.75			

Exch Code	Exch Desc	Comm Group	Prod Code	Product Desc	F/O	Platform	Trd Fee	Trd Fee Cur	Trd Fee Meth	Clr Fee	Clr Fee Cur	Clr Fee Meth	Fee Total	Brk Fee	Brk Fee Cur	Brk Fee Meth
IFED	ICE Futures US Energy Division	Energy	SFI	Sulfur Financial Instrument Future-Vintage 2010	Fut	Electronic	1.75	USD	FRPL				1.75			
IFED	ICE Futures US Energy Division	Energy	SFI	Sulfur Financial Instrument Future-Vintage 2010	Fut	Floor	1.75	USD	FRPL				1.75			
IFED	ICE Futures US Energy Division	Energy	SFI	Sulfur Financial Instrument Future-Vintage 2010	Opt	Electronic	1.75	USD	FRPL				1.75			
IFED	ICE Futures US Energy Division	Energy	SFI	Sulfur Financial Instrument Future-Vintage 2010	Opt	Floor	1.75	USD	FRPL				1.75			
IFED	ICE Futures US Energy Division	Energy	SFJ	Sulfur Financial Instrument Future-Vintage 2011	Fut	Electronic	1.75	USD	FRPL				1.75			
IFED	ICE Futures US Energy Division	Energy	SFJ	Sulfur Financial Instrument Future-Vintage 2011	Fut	Floor	1.75	USD	FRPL				1.75			
IFED	ICE Futures US Energy Division	Energy	SFJ	Sulfur Financial Instrument Future-Vintage 2011	Opt	Electronic	1.75	USD	FRPL				1.75			
IFED	ICE Futures US Energy Division	Energy	SFJ	Sulfur Financial Instrument Future-Vintage 2011	Opt	Floor	1.75	USD	FRPL				1.75			
IFED	ICE Futures US Energy Division	Energy	SFK	Sulfur Financial Instrument Future-Vintage 2012	Fut	Electronic	1.75	USD	FRPL				1.75			
IFED	ICE Futures US Energy Division	Energy	SFK	Sulfur Financial Instrument Future-Vintage 2012	Fut	Floor	1.75	USD	FRPL				1.75			
IFED	ICE Futures US Energy Division	Energy	SFK	Sulfur Financial Instrument Future-Vintage 2012	Opt	Electronic	1.75	USD	FRPL				1.75			
IFED	ICE Futures US Energy Division	Energy	SFK	Sulfur Financial Instrument Future-Vintage 2012	Opt	Floor	1.75	USD	FRPL				1.75			
IFED	ICE Futures US Energy Division	Energy	SFL	Sulfur Financial Instrument Future-Vintage 2013	Fut	Electronic	1.75	USD	FRPL				1.75			
IFED	ICE Futures US Energy Division	Energy	SFL	Sulfur Financial Instrument Future-Vintage 2013	Fut	Floor	1.75	USD	FRPL				1.75			
IFED	ICE Futures US Energy Division	Energy	SFL	Sulfur Financial Instrument Future-Vintage 2013	Opt	Electronic	1.75	USD	FRPL				1.75			
IFED	ICE Futures US Energy Division	Energy	SFL	Sulfur Financial Instrument Future-Vintage 2013	Opt	Floor	1.75	USD	FRPL				1.75			
IFED	ICE Futures US Energy Division	Energy	SFM	Sulfur Financial Instrument Future-Vintage 2014	Fut	Electronic	1.75	USD	FRPL				1.75			
IFED	ICE Futures US Energy Division	Energy	SFM	Sulfur Financial Instrument Future-Vintage 2014	Fut	Floor	1.75	USD	FRPL				1.75			
IFED	ICE Futures US Energy Division	Energy	SFM	Sulfur Financial Instrument Future-Vintage 2014	Opt	Electronic	1.75	USD	FRPL				1.75			
IFED	ICE Futures US Energy Division	Energy	SFM	Sulfur Financial Instrument Future-Vintage 2014	Opt	Floor	1.75	USD	FRPL				1.75			
IFED	ICE Futures US Energy Division	Energy	SFN	Sulfur Financial Instrument Future-Vintage 2015	Fut	Electronic	1.75	USD	FRPL				1.75			
IFED	ICE Futures US Energy Division	Energy	SFN	Sulfur Financial Instrument Future-Vintage 2015	Fut	Floor	1.75	USD	FRPL				1.75			
IFED	ICE Futures US Energy Division	Energy	SFN	Sulfur Financial Instrument Future-Vintage 2015	Opt	Electronic	1.75	USD	FRPL				1.75			
IFED	ICE Futures US Energy Division	Energy	SFN	Sulfur Financial Instrument Future-Vintage 2015	Opt	Floor	1.75	USD	FRPL				1.75			
IFED	ICE Futures US Energy Division	Energy	SHS	HSC Index Swap	Fut	Electronic	0.66	USD	FRPL				0.66			
IFED	ICE Futures US Energy Division	Energy	SHS	HSC Index Swap	Fut	Floor	0.66	USD	FRPL				0.66			
IFED	ICE Futures US Energy Division	Energy	SIA	Transco Station 65 (Zone 3) Index Swap	Fut	Electronic	0.66	USD	FRPL				0.66			
IFED	ICE Futures US Energy Division	Energy	SIA	Transco Station 65 (Zone 3) Index Swap	Fut	Floor	0.66	USD	FRPL				0.66			
IFED	ICE Futures US Energy Division	Energy	SIS	Socal Border Index Swap	Fut	Electronic	0.66	USD	FRPL				0.66			
IFED	ICE Futures US Energy Division	Energy	SIS	Socal Border Index Swap	Fut	Floor	0.66	USD	FRPL				0.66			
IFED	ICE Futures US Energy Division	Energy	SNI	EP San Juan Index Swap	Fut	Electronic	0.66	USD	FRPL				0.66			
IFED	ICE Futures US Energy Division	Energy	SNI	EP San Juan Index Swap	Fut	Floor	0.66	USD	FRPL				0.66			
IFED	ICE Futures US Energy Division	Energy	SNJ	EP San Juan Basis Swap	Fut	Electronic	0.66	USD	FRPL				0.66			
IFED	ICE Futures US Energy Division	Energy	SNJ	EP San Juan Basis Swap	Fut	Floor	0.66	USD	FRPL				0.66			
IFED	ICE Futures US Energy Division	Energy	SNS	EP San Juan Swing Swap	Fut	Electronic	0.66	USD	FRPL				0.66			
IFED	ICE Futures US Energy Division	Energy	SNS	EP San Juan Swing Swap	Fut	Floor	0.66	USD	FRPL				0.66			
IFED	ICE Futures US Energy Division	Energy	SOI	Sonat Index Swap	Fut	Electronic	0.66	USD	FRPL				0.66			
IFED	ICE Futures US Energy Division	Energy	SOI	Sonat Index Swap	Fut	Floor	0.66	USD	FRPL				0.66			
IFED	ICE Futures US Energy Division	Energy	SOK	Cross State Air Pollution Rule TR SO2 Group 1 Allowance	Fut	Electronic	10	USD	FRPL				10			
IFED	ICE Futures US Energy Division	Energy	SOK	Cross State Air Pollution Rule TR SO2 Group 1 Allowance	Fut	Floor	10	USD	FRPL				10			
IFED	ICE Futures US Energy Division	Energy	SOK	Cross State Air Pollution Rule TR SO2 Group 1 Allowance	Opt	Electronic	10	USD	FRPL				10			
IFED	ICE Futures US Energy Division	Energy	SOK	Cross State Air Pollution Rule TR SO2 Group 1 Allowance	Opt	Floor	10	USD	FRPL				10			
IFED	ICE Futures US Energy Division	Energy	SON	Sonat Basis Swap	Fut	Electronic	0.66	USD	FRPL				0.66			
IFED	ICE Futures US Energy Division	Energy	SON	Sonat Basis Swap	Fut	Floor	0.66	USD	FRPL				0.66			
IFED	ICE Futures US Energy Division	Energy	SOS	Sonat Swing Swap	Fut	Electronic	0.66	USD	FRPL				0.66			
IFED	ICE Futures US Energy Division	Energy	SOS	Sonat Swing Swap	Fut	Floor	0.66	USD	FRPL				0.66			
IFED	ICE Futures US Energy Division	Energy	SPM	CAISO SP-15 Day-Ahead Peak Fixed Price Swap	Fut	Electronic	4	USD	FRPL				4			
IFED	ICE Futures US Energy Division	Energy	SPM	CAISO SP-15 Day-Ahead Peak Fixed Price Swap	Fut	Floor	4	USD	FRPL				4			
IFED	ICE Futures US Energy Division	Energy	SPM	CAISO SP-15 Day-Ahead Peak Fixed Price Swap	Opt	Electronic	4	USD	FRPL				4			
IFED	ICE Futures US Energy Division	Energy	SPM	CAISO SP-15 Day-Ahead Peak Fixed Price Swap	Opt	Floor	4	USD	FRPL				4			
IFED	ICE Futures US Energy Division	Energy	SPY	CAISO SP-15 Day-Ahead Peak Mini Fixed Price Swap	Fut	Electronic	0.16	USD	FRPL				0.16			
IFED	ICE Futures US Energy Division	Energy	SPY	CAISO SP-15 Day-Ahead Peak Mini Fixed Price Swap	Fut	Floor	0.16	USD	FRPL				0.16			
IFED	ICE Futures US Energy Division	Energy	SPY	CAISO SP-15 Day-Ahead Peak Mini Fixed Price Swap	Opt	Electronic	0.16	USD	FRPL				0.16			
IFED	ICE Futures US Energy Division	Energy	SPY	CAISO SP-15 Day-Ahead Peak Mini Fixed Price Swap	Opt	Floor	0.16	USD	FRPL				0.16			
IFED	ICE Futures US Energy Division	Energy	SQP	CAISO SP-15 Day-Ahead Off-Peak Daily Fixed Price Swap	Fut	Electronic	0.19	USD	FRPL				0.19			
IFED	ICE Futures US Energy Division	Energy	SQP	CAISO SP-15 Day-Ahead Off-Peak Daily Fixed Price Swap	Fut	Floor	0.19	USD	FRPL				0.19			
IFED	ICE Futures US Energy Division	Energy	SRO	CAISO SP-15 Real-Time Off-Peak Daily Fixed Price Swap	Fut	Electronic	0.19	USD	FRPL				0.19			
IFED	ICE Futures US Energy Division	Energy	SRO	CAISO SP-15 Real-Time Off-Peak Daily Fixed Price Swap	Fut	Floor	0.19	USD	FRPL				0.19			
IFED	ICE Futures US Energy Division	Energy	SRP	CAISO SP-15 Real-Time Peak Daily Fixed Price Swap	Fut	Electronic	3	USD	FRPL				3			

Exch Code	Exch Desc	Comm Group	Prod Code	Product Desc	F/O	Platform	Trd Fee	Trd Fee Cur	Trd Fee Meth	Clr Fee	Clr Fee Cur	Clr Fee Meth	Fee Total	Brk Fee	Brk Fee Cur	Brk Fee Meth
IFED	ICE Futures US Energy Division	Energy	SRP	CAISO SP-15 Real-Time Peak Daily Fixed Price Swap	Fut	Floor	3	USD	FRPL				3			
IFED	ICE Futures US Energy Division	Energy	SSA	Transco Station 65 (Zone 3) Swing Swap	Fut	Electronic	0.66	USD	FRPL				0.66			
IFED	ICE Futures US Energy Division	Energy	SSA	Transco Station 65 (Zone 3) Swing Swap	Fut	Floor	0.66	USD	FRPL				0.66			
IFED	ICE Futures US Energy Division	Energy	SSS	Socal Border Swing Swap	Fut	Electronic	0.66	USD	FRPL				0.66			
IFED	ICE Futures US Energy Division	Energy	SSS	Socal Border Swing Swap	Fut	Floor	0.66	USD	FRPL				0.66			
IFED	ICE Futures US Energy Division	Energy	STA	Transco Station 65 (Zone 3) Basis Swap	Fut	Electronic	0.66	USD	FRPL				0.66			
IFED	ICE Futures US Energy Division	Energy	STA	Transco Station 65 (Zone 3) Basis Swap	Fut	Floor	0.66	USD	FRPL				0.66			
IFED	ICE Futures US Energy Division	Energy	STK	Cross State Air Pollution Rule TR SO2 Group 2 Allowance	Fut	Electronic	10	USD	FRPL				10			
IFED	ICE Futures US Energy Division	Energy	STK	Cross State Air Pollution Rule TR SO2 Group 2 Allowance	Fut	Floor	10	USD	FRPL				10			
IFED	ICE Futures US Energy Division	Energy	STK	Cross State Air Pollution Rule TR SO2 Group 2 Allowance	Opt	Electronic	10	USD	FRPL				10			
IFED	ICE Futures US Energy Division	Energy	STK	Cross State Air Pollution Rule TR SO2 Group 2 Allowance	Opt	Floor	10	USD	FRPL				10			
IFED	ICE Futures US Energy Division	Energy	SXC	TETCO STX Swing Swap	Fut	Electronic	0.66	USD	FRPL				0.66			
IFED	ICE Futures US Energy Division	Energy	SXC	TETCO STX Swing Swap	Fut	Floor	0.66	USD	FRPL				0.66			
IFED	ICE Futures US Energy Division	Energy	SXI	TETCO STX Index Swap	Fut	Electronic	0.66	USD	FRPL				0.66			
IFED	ICE Futures US Energy Division	Energy	SXI	TETCO STX Index Swap	Fut	Floor	0.66	USD	FRPL				0.66			
IFED	ICE Futures US Energy Division	Energy	SXT	TETCO STX Basis Swap	Fut	Electronic	0.66	USD	FRPL				0.66			
IFED	ICE Futures US Energy Division	Energy	SXT	TETCO STX Basis Swap	Fut	Floor	0.66	USD	FRPL				0.66			
IFED	ICE Futures US Energy Division	Energy	SZA	ERCOT South Load Zone Day-Ahead Peak Daily Fixed Price Swap	Fut	Electronic	0.12	USD	FRPL				0.12			
IFED	ICE Futures US Energy Division	Energy	SZA	ERCOT South Load Zone Day-Ahead Peak Daily Fixed Price Swap	Fut	Floor	0.12	USD	FRPL				0.12			
IFED	ICE Futures US Energy Division	Energy	SZB	ERCOT South Load Zone Day-Ahead Peak Fixed Price Swap	Fut	Electronic	0.16	USD	FRPL				0.16			
IFED	ICE Futures US Energy Division	Energy	SZB	ERCOT South Load Zone Day-Ahead Peak Fixed Price Swap	Fut	Floor	0.16	USD	FRPL				0.16			
IFED	ICE Futures US Energy Division	Energy	SZC	ERCOT South Load Zone Day-Ahead Off-Peak Daily Fixed Price Swap	Fut	Electronic	0.04	USD	FRPL				0.04			
IFED	ICE Futures US Energy Division	Energy	SZC	ERCOT South Load Zone Day-Ahead Off-Peak Daily Fixed Price Swap	Fut	Floor	0.04	USD	FRPL				0.04			
IFED	ICE Futures US Energy Division	Energy	SZD	ERCOT South Load Zone Day-Ahead Off-Peak Fixed Price Swap	Fut	Electronic	0.05	USD	FRPL				0.05			
IFED	ICE Futures US Energy Division	Energy	SZD	ERCOT South Load Zone Day-Ahead Off-Peak Fixed Price Swap	Fut	Floor	0.05	USD	FRPL				0.05			
IFED	ICE Futures US Energy Division	Energy	TCO	TCO Basis Swap	Fut	Electronic	0.66	USD	FRPL				0.66			
IFED	ICE Futures US Energy Division	Energy	TCO	TCO Basis Swap	Fut	Floor	0.66	USD	FRPL				0.66			
IFED	ICE Futures US Energy Division	Energy	TEB	TETCO ELA Basis Swap	Fut	Electronic	0.66	USD	FRPL				0.66			
IFED	ICE Futures US Energy Division	Energy	TEB	TETCO ELA Basis Swap	Fut	Floor	0.66	USD	FRPL				0.66			
IFED	ICE Futures US Energy Division	Energy	TEI	TETCO ELA Index Swap	Fut	Electronic	0.66	USD	FRPL				0.66			
IFED	ICE Futures US Energy Division	Energy	TEI	TETCO ELA Index Swap	Fut	Floor	0.66	USD	FRPL				0.66			
IFED	ICE Futures US Energy Division	Energy	TFI	Tennessee 500L Index Swap	Fut	Electronic	0.66	USD	FRPL				0.66			
IFED	ICE Futures US Energy Division	Energy	TFI	Tennessee 500L Index Swap	Fut	Floor	0.66	USD	FRPL				0.66			
IFED	ICE Futures US Energy Division	Energy	TFL	Tennessee 500L Basis Swap	Fut	Electronic	0.66	USD	FRPL				0.66			
IFED	ICE Futures US Energy Division	Energy	TFL	Tennessee 500L Basis Swap	Fut	Floor	0.66	USD	FRPL				0.66			
IFED	ICE Futures US Energy Division	Energy	TGB	TGT Zone 1 Basis Swap	Fut	Electronic	0.66	USD	FRPL				0.66			
IFED	ICE Futures US Energy Division	Energy	TGB	TGT Zone 1 Basis Swap	Fut	Floor	0.66	USD	FRPL				0.66			
IFED	ICE Futures US Energy Division	Energy	TGI	TGT Zone 1 Index Swap	Fut	Electronic	0.66	USD	FRPL				0.66			
IFED	ICE Futures US Energy Division	Energy	TGI	TGT Zone 1 Index Swap	Fut	Floor	0.66	USD	FRPL				0.66			
IFED	ICE Futures US Energy Division	Energy	TGS	TGT Zone 1 Swing Swap	Fut	Electronic	0.66	USD	FRPL				0.66			
IFED	ICE Futures US Energy Division	Energy	TGS	TGT Zone 1 Swing Swap	Fut	Floor	0.66	USD	FRPL				0.66			
IFED	ICE Futures US Energy Division	Energy	TIS	TCO Index Swap	Fut	Electronic	0.66	USD	FRPL				0.66			
IFED	ICE Futures US Energy Division	Energy	TIS	TCO Index Swap	Fut	Floor	0.66	USD	FRPL				0.66			
IFED	ICE Futures US Energy Division	Energy	TMT	TETCO M3 Basis Swap	Fut	Electronic	0.66	USD	FRPL				0.66			
IFED	ICE Futures US Energy Division	Energy	TMT	TETCO M3 Basis Swap	Fut	Floor	0.66	USD	FRPL				0.66			
IFED	ICE Futures US Energy Division	Energy	TNB	Transco Station 45 (Zone 2) Basis Swap	Fut	Electronic	0.66	USD	FRPL				0.66			
IFED	ICE Futures US Energy Division	Energy	TNB	Transco Station 45 (Zone 2) Basis Swap	Fut	Floor	0.66	USD	FRPL				0.66			
IFED	ICE Futures US Energy Division	Energy	TNI	Transco Station 45 (Zone 2) Index Swap	Fut	Electronic	0.66	USD	FRPL				0.66			
IFED	ICE Futures US Energy Division	Energy	TNI	Transco Station 45 (Zone 2) Index Swap	Fut	Floor	0.66	USD	FRPL				0.66			
IFED	ICE Futures US Energy Division	Energy	TPB	Transco Zone 6 (non NY) Basis Swap	Fut	Electronic	0.66	USD	FRPL				0.66			
IFED	ICE Futures US Energy Division	Energy	TPB	Transco Zone 6 (non NY) Basis Swap	Fut	Floor	0.66	USD	FRPL				0.66			
IFED	ICE Futures US Energy Division	Energy	TPI	Transco Zone 6 (non NY) Index Swap	Fut	Electronic	0.66	USD	FRPL				0.66			
IFED	ICE Futures US Energy Division	Energy	TPI	Transco Zone 6 (non NY) Index Swap	Fut	Floor	0.66	USD	FRPL				0.66			

Exch Code	Exch Desc	Comm Group	Prod Code	Product Desc	F/O	Platform	Trd Fee	Trd Fee Cur	Trd Fee Meth	Clr Fee	Clr Fee Cur	Clr Fee Meth	Fee Total	Brk Fee	Brk Fee Cur	Brk Fee Meth
IFED	ICE Futures US Energy Division	Energy	TPS	Transco Zone 6 (non NY) Swing Swap	Fut	Electronic	0.66	USD	FRPL				0.66			
IFED	ICE Futures US Energy Division	Energy	TPS	Transco Zone 6 (non NY) Swing Swap	Fut	Floor	0.66	USD	FRPL				0.66			
IFED	ICE Futures US Energy Division	Energy	TRI	Transco Station 85 (Zone 4) Index Swap	Fut	Electronic	0.66	USD	FRPL				0.66			
IFED	ICE Futures US Energy Division	Energy	TRI	Transco Station 85 (Zone 4) Index Swap	Fut	Floor	0.66	USD	FRPL				0.66			
IFED	ICE Futures US Energy Division	Energy	TRL	Trunkline LA Basis Swap	Fut	Electronic	0.66	USD	FRPL				0.66			
IFED	ICE Futures US Energy Division	Energy	TRL	Trunkline LA Basis Swap	Fut	Floor	0.66	USD	FRPL				0.66			
IFED	ICE Futures US Energy Division	Energy	TRW	Transco Station 85 (Zone 4) Swing Swap	Fut	Electronic	0.66	USD	FRPL				0.66			
IFED	ICE Futures US Energy Division	Energy	TRW	Transco Station 85 (Zone 4) Swing Swap	Fut	Floor	0.66	USD	FRPL				0.66			
IFED	ICE Futures US Energy Division	Energy	TRZ	Transco Station 85 (Zone 4) Basis Swap	Fut	Electronic	0.66	USD	FRPL				0.66			
IFED	ICE Futures US Energy Division	Energy	TRZ	Transco Station 85 (Zone 4) Basis Swap	Fut	Floor	0.66	USD	FRPL				0.66			
IFED	ICE Futures US Energy Division	Energy	TSB	Tennessee 800L Basis Swap	Fut	Electronic	0.66	USD	FRPL				0.66			
IFED	ICE Futures US Energy Division	Energy	TSB	Tennessee 800L Basis Swap	Fut	Floor	0.66	USD	FRPL				0.66			
IFED	ICE Futures US Energy Division	Energy	TSS	TETCO M3 Swing Swap	Fut	Electronic	0.66	USD	FRPL				0.66			
IFED	ICE Futures US Energy Division	Energy	TSS	TETCO M3 Swing Swap	Fut	Floor	0.66	USD	FRPL				0.66			
IFED	ICE Futures US Energy Division	Energy	TTB	Transco Station 30 (Zone 1) Basis Swap	Fut	Electronic	0.66	USD	FRPL				0.66			
IFED	ICE Futures US Energy Division	Energy	TTB	Transco Station 30 (Zone 1) Basis Swap	Fut	Floor	0.66	USD	FRPL				0.66			
IFED	ICE Futures US Energy Division	Energy	TWB	TETCO WLA Basis Swap	Fut	Electronic	0.66	USD	FRPL				0.66			
IFED	ICE Futures US Energy Division	Energy	TWB	TETCO WLA Basis Swap	Fut	Floor	0.66	USD	FRPL				0.66			
IFED	ICE Futures US Energy Division	Energy	TWI	TETCO WLA Index Swap	Fut	Electronic	0.66	USD	FRPL				0.66			
IFED	ICE Futures US Energy Division	Energy	TWI	TETCO WLA Index Swap	Fut	Floor	0.66	USD	FRPL				0.66			
IFED	ICE Futures US Energy Division	Energy	TZI	Tennessee Zone 0 Index Swap	Fut	Electronic	0.66	USD	FRPL				0.66			
IFED	ICE Futures US Energy Division	Energy	TZI	Tennessee Zone 0 Index Swap	Fut	Floor	0.66	USD	FRPL				0.66			
IFED	ICE Futures US Energy Division	Energy	TZR	Tennessee Zone 0 Swing Swap	Fut	Electronic	0.66	USD	FRPL				0.66			
IFED	ICE Futures US Energy Division	Energy	TZR	Tennessee Zone 0 Swing Swap	Fut	Floor	0.66	USD	FRPL				0.66			
IFED	ICE Futures US Energy Division	Energy	TZS	Transco Zone 6 (NY) Basis Swap	Fut	Electronic	0.66	USD	FRPL				0.66			
IFED	ICE Futures US Energy Division	Energy	TZS	Transco Zone 6 (NY) Basis Swap	Fut	Floor	0.66	USD	FRPL				0.66			
IFED	ICE Futures US Energy Division	Energy	TZZ	Tennessee Zone 0 Basis Swap	Fut	Electronic	0.66	USD	FRPL				0.66			
IFED	ICE Futures US Energy Division	Energy	TZZ	Tennessee Zone 0 Basis Swap	Fut	Floor	0.66	USD	FRPL				0.66			
IFED	ICE Futures US Energy Division	Energy	UCS	HSC Swing Swap	Fut	Electronic	0.66	USD	FRPL				0.66			
IFED	ICE Futures US Energy Division	Energy	UCS	HSC Swing Swap	Fut	Floor	0.66	USD	FRPL				0.66			
IFED	ICE Futures US Energy Division	Energy	UNP	CAISO NP-15 Day-Ahead Off-Peak Daily Fixed Price Swap	Fut	Electronic	0.19	USD	FRPL				0.19			
IFED	ICE Futures US Energy Division	Energy	UNP	CAISO NP-15 Day-Ahead Off-Peak Daily Fixed Price Swap	Fut	Floor	0.19	USD	FRPL				0.19			
IFED	ICE Futures US Energy Division	Energy	VDP	Palo Verde Day-Ahead Peak Daily Fixed Price Swap	Fut	Electronic	3	USD	FRPL				3			
IFED	ICE Futures US Energy Division	Energy	VDP	Palo Verde Day-Ahead Peak Daily Fixed Price Swap	Fut	Floor	3	USD	FRPL				3			
IFED	ICE Futures US Energy Division	Energy	WAH	Waha Basis Swap	Fut	Electronic	0.66	USD	FRPL				0.66			
IFED	ICE Futures US Energy Division	Energy	WAH	Waha Basis Swap	Fut	Floor	0.66	USD	FRPL				0.66			
IFED	ICE Futures US Energy Division	Energy	WAI	Waha Index Swap	Fut	Electronic	0.66	USD	FRPL				0.66			
IFED	ICE Futures US Energy Division	Energy	WAI	Waha Index Swap	Fut	Floor	0.66	USD	FRPL				0.66			
IFED	ICE Futures US Energy Division	Energy	WAS	Waha Swing Swap	Fut	Electronic	0.66	USD	FRPL				0.66			
IFED	ICE Futures US Energy Division	Energy	WAS	Waha Swing Swap	Fut	Floor	0.66	USD	FRPL				0.66			
IFED	ICE Futures US Energy Division	Energy	WEA	ERCOT West 345KV Hub Day-Ahead Peak Daily Fixed Price Swap	Fut	Electronic	0.12	USD	FRPL				0.12			
IFED	ICE Futures US Energy Division	Energy	WEA	ERCOT West 345KV Hub Day-Ahead Peak Daily Fixed Price Swap	Fut	Floor	0.12	USD	FRPL				0.12			
IFED	ICE Futures US Energy Division	Energy	WEB	ERCOT West 345KV Real-Time Off-Peak Fixed Price Swap	Fut	Electronic	0.05	USD	FRPL				0.05			
IFED	ICE Futures US Energy Division	Energy	WEB	ERCOT West 345KV Real-Time Off-Peak Fixed Price Swap	Fut	Floor	0.05	USD	FRPL				0.05			
IFED	ICE Futures US Energy Division	Energy	WEC	ERCOT West 345KV Hub Day-Ahead Off-Peak Daily Fixed Price Swap	Fut	Electronic	0.04	USD	FRPL				0.04			
IFED	ICE Futures US Energy Division	Energy	WEC	ERCOT West 345KV Hub Day-Ahead Off-Peak Daily Fixed Price Swap	Fut	Floor	0.04	USD	FRPL				0.04			
IFED	ICE Futures US Energy Division	Energy	WED	ERCOT West 345KV Real-Time Off-Peak Daily Fixed Price Swap	Fut	Electronic	0.37	USD	FRPL				0.37			
IFED	ICE Futures US Energy Division	Energy	WED	ERCOT West 345KV Real-Time Off-Peak Daily Fixed Price Swap	Fut	Floor	0.37	USD	FRPL				0.37			
IFED	ICE Futures US Energy Division	Energy	WZA	ERCOT West Load Zone Day-Ahead Peak Daily Fixed Price Swap	Fut	Electronic	0.12	USD	FRPL				0.12			
IFED	ICE Futures US Energy Division	Energy	WZA	ERCOT West Load Zone Day-Ahead Peak Daily Fixed Price Swap	Fut	Floor	0.12	USD	FRPL				0.12			
IFED	ICE Futures US Energy Division	Energy	WZB	ERCOT West Load Zone Day-Ahead Peak Fixed Price Swap	Fut	Electronic	0.16	USD	FRPL				0.16			

Exch Code	Exch Desc	Comm Group	Prod Code	Product Desc	F/O	Platform	Trd Fee	Trd Fee Cur	Trd Fee Meth	Clr Fee	Clr Fee Cur	Clr Fee Meth	Fee Total	Brk Fee	Brk Fee Cur	Brk Fee Meth
IFED	ICE Futures US Energy Division	Energy	WZB	ERCOT West Load Zone Day-Ahead Peak Fixed Price Swap	Fut	Floor	0.16	USD	FRPL				0.16			
IFED	ICE Futures US Energy Division	Energy	WZC	ERCOT West Load Zone Day-Ahead Off-Peak Daily Fixed Price Swap	Fut	Electronic	0.04	USD	FRPL				0.04			
IFED	ICE Futures US Energy Division	Energy	WZC	ERCOT West Load Zone Day-Ahead Off-Peak Daily Fixed Price Swap	Fut	Floor	0.04	USD	FRPL				0.04			
IFED	ICE Futures US Energy Division	Energy	WZD	ERCOT West Load Zone Day-Ahead Off-Peak Fixed Price Swap	Fut	Electronic	0.05	USD	FRPL				0.05			
IFED	ICE Futures US Energy Division	Energy	WZD	ERCOT West Load Zone Day-Ahead Off-Peak Fixed Price Swap	Fut	Floor	0.05	USD	FRPL				0.05			
IFED	ICE Futures US Energy Division	Energy	ZCB	NYISO Zone C Day-Ahead Peak Fixed Price Swap	Fut	Electronic	0.16	USD	FRPL				0.16			
IFED	ICE Futures US Energy Division	Energy	ZCB	NYISO Zone C Day-Ahead Peak Fixed Price Swap	Fut	Floor	0.16	USD	FRPL				0.16			
IFED	ICE Futures US Energy Division	Energy	ZCD	NYISO Zone C Day-Ahead Off-Peak Fixed Price Swap	Fut	Electronic	0.05	USD	FRPL				0.05			
IFED	ICE Futures US Energy Division	Energy	ZCD	NYISO Zone C Day-Ahead Off-Peak Fixed Price Swap	Fut	Floor	0.05	USD	FRPL				0.05			
IFED	ICE Futures US Energy Division	Energy	ZFB	NYISO Zone F Day-Ahead Peak Fixed Price Swap	Fut	Electronic	0.16	USD	FRPL				0.16			
IFED	ICE Futures US Energy Division	Energy	ZFB	NYISO Zone F Day-Ahead Peak Fixed Price Swap	Fut	Floor	0.16	USD	FRPL				0.16			
IFED	ICE Futures US Energy Division	Energy	ZFD	NYISO Zone F Day-Ahead Off-Peak Fixed Price Swap	Fut	Electronic	0.05	USD	FRPL				0.05			
IFED	ICE Futures US Energy Division	Energy	ZFD	NYISO Zone F Day-Ahead Off-Peak Fixed Price Swap	Fut	Floor	0.05	USD	FRPL				0.05			
IFED	ICE Futures US Energy Division	Energy	ZSL	TGT Zone SL (FT) Basis Swap	Fut	Electronic	0.66	USD	FRPL				0.66			
IFED	ICE Futures US Energy Division	Energy	ZSL	TGT Zone SL (FT) Basis Swap	Fut	Floor	0.66	USD	FRPL				0.66			
IFED	ICE Futures US Energy Division	Energy	ZSS	Transco Zone 6 (NY) Swing Swap	Fut	Electronic	0.66	USD	FRPL				0.66			
IFED	ICE Futures US Energy Division	Energy	ZSS	Transco Zone 6 (NY) Swing Swap	Fut	Floor	0.66	USD	FRPL				0.66			
IPE	ICE Futures	Energy	AAA	Fuel Oil 1% FOB NWE Cargoes Balmo Swap Day 1	Fut	Electronic	32.75	USD	FRPL				32.75	0.2	USD	FRPL
IPE	ICE Futures	Energy	AAB	Fuel Oil 1% FOB NWE Cargoes Balmo Swap Day 2	Fut	Electronic	32.75	USD	FRPL				32.75	0.2	USD	FRPL
IPE	ICE Futures	Energy	AAC	Fuel Oil 1% FOB NWE Cargoes Balmo Swap Day 3	Fut	Electronic	32.75	USD	FRPL				32.75	0.2	USD	FRPL
IPE	ICE Futures	Energy	AAD	Fuel Oil 1% FOB NWE Cargoes Balmo Swap Day 4	Fut	Electronic	32.75	USD	FRPL				32.75	0.2	USD	FRPL
IPE	ICE Futures	Energy	AAE	Fuel Oil 1% FOB NWE Cargoes Balmo Swap Day 5	Fut	Electronic	32.75	USD	FRPL				32.75	0.2	USD	FRPL
IPE	ICE Futures	Energy	AAF	Fuel Oil 1% FOB NWE Cargoes Balmo Swap Day 6	Fut	Electronic	32.75	USD	FRPL				32.75	0.2	USD	FRPL
IPE	ICE Futures	Energy	AAG	Fuel Oil 1% FOB NWE Cargoes Balmo Swap Day 7	Fut	Electronic	32.75	USD	FRPL				32.75	0.2	USD	FRPL
IPE	ICE Futures	Energy	AAH	Fuel Oil 1% FOB NWE Cargoes Balmo Swap Day 8	Fut	Electronic	32.75	USD	FRPL				32.75	0.2	USD	FRPL
IPE	ICE Futures	Energy	AAI	Fuel Oil 1% FOB NWE Cargoes Balmo Swap Day 9	Fut	Electronic	32.75	USD	FRPL				32.75	0.2	USD	FRPL
IPE	ICE Futures	Energy	AAJ	Fuel Oil 1% FOB NWE Cargoes Balmo Swap Day 10	Fut	Electronic	32.75	USD	FRPL				32.75	0.2	USD	FRPL
IPE	ICE Futures	Energy	AAK	Fuel Oil 1% FOB NWE Cargoes Balmo Swap Day 11	Fut	Electronic	32.75	USD	FRPL				32.75	0.2	USD	FRPL
IPE	ICE Futures	Energy	AAL	Fuel Oil 1% FOB NWE Cargoes Balmo Swap Day 12	Fut	Electronic	32.75	USD	FRPL				32.75	0.2	USD	FRPL
IPE	ICE Futures	Energy	AAM	Fuel Oil 1% FOB NWE Cargoes Balmo Swap Day 13	Fut	Electronic	32.75	USD	FRPL				32.75	0.2	USD	FRPL
IPE	ICE Futures	Energy	AAN	Fuel Oil 1% FOB NWE Cargoes Balmo Swap Day 14	Fut	Electronic	32.75	USD	FRPL				32.75	0.2	USD	FRPL
IPE	ICE Futures	Energy	AAO	Fuel Oil 1% FOB NWE Cargoes Balmo Swap Day 15	Fut	Electronic	32.75	USD	FRPL				32.75	0.2	USD	FRPL
IPE	ICE Futures	Energy	AAP	Fuel Oil 1% FOB NWE Cargoes Balmo Swap Day 16	Fut	Electronic	32.75	USD	FRPL				32.75	0.2	USD	FRPL
IPE	ICE Futures	Energy	AAQ	Fuel Oil 1% FOB NWE Cargoes Balmo Swap Day 17	Fut	Electronic	32.75	USD	FRPL				32.75	0.2	USD	FRPL
IPE	ICE Futures	Energy	AAR	Fuel Oil 1% FOB NWE Cargoes Balmo Swap Day 18	Fut	Electronic	32.75	USD	FRPL				32.75	0.2	USD	FRPL
IPE	ICE Futures	Energy	AAS	Fuel Oil 1% FOB NWE Cargoes Balmo Swap Day 19	Fut	Electronic	32.75	USD	FRPL				32.75	0.2	USD	FRPL
IPE	ICE Futures	Energy	AAT	Fuel Oil 1% FOB NWE Cargoes Balmo Swap Day 20	Fut	Electronic	32.75	USD	FRPL				32.75	0.2	USD	FRPL
IPE	ICE Futures	Energy	AAU	Fuel Oil 1% FOB NWE Cargoes Balmo Swap Day 21	Fut	Electronic	32.75	USD	FRPL				32.75	0.2	USD	FRPL
IPE	ICE Futures	Energy	AAV	Fuel Oil 1% FOB NWE Cargoes Balmo Swap Day 22	Fut	Electronic	32.75	USD	FRPL				32.75	0.2	USD	FRPL
IPE	ICE Futures	Energy	AAW	Fuel Oil 1% FOB NWE Cargoes Balmo Swap Day 23	Fut	Electronic	32.75	USD	FRPL				32.75	0.2	USD	FRPL
IPE	ICE Futures	Energy	AAX	Fuel Oil 1% FOB NWE Cargoes Balmo Swap Day 24	Fut	Electronic	32.75	USD	FRPL				32.75	0.2	USD	FRPL
IPE	ICE Futures	Energy	AAY	Fuel Oil 1% FOB NWE Cargoes Balmo Swap Day 25	Fut	Electronic	32.75	USD	FRPL				32.75	0.2	USD	FRPL
IPE	ICE Futures	Energy	AAZ	Fuel Oil 1% FOB NWE Cargoes Balmo Swap Day 26	Fut	Electronic	32.75	USD	FRPL				32.75	0.2	USD	FRPL
IPE	ICE Futures	Energy	ABA	Fuel Oil 1% FOB NWE Cargoes Balmo Swap Day 27	Fut	Electronic	32.75	USD	FRPL				32.75	0.2	USD	FRPL
IPE	ICE Futures	Energy	ABB	Fuel Oil 1% FOB NWE Cargoes Balmo Swap Day 28	Fut	Electronic	32.75	USD	FRPL				32.75	0.2	USD	FRPL
IPE	ICE Futures	Energy	ABC	Fuel Oil 1% FOB NWE Cargoes Balmo Swap Day 29	Fut	Electronic	32.75	USD	FRPL				32.75	0.2	USD	FRPL
IPE	ICE Futures	Energy	ABD	Fuel Oil 1% FOB NWE Cargoes Balmo Swap Day 30	Fut	Electronic	32.75	USD	FRPL				32.75	0.2	USD	FRPL
IPE	ICE Futures	Energy	ABE	Fuel Oil 1% FOB NWE Cargoes Balmo Swap Day 31	Fut	Electronic	32.75	USD	FRPL				32.75	0.2	USD	FRPL
IPE	ICE Futures	Energy	ABI	Argus Biodiesel RME FOB Rotterdam Swap	Fut	Electronic	38.25	USD	FRPL				38.25	0.2	USD	FRPL
IPE	ICE Futures	Energy	AEO	Argus Euro-Bob Oxy FOB Rotterdam Barges Swap	Fut	Electronic	42.65	USD	FRPL				42.65	0.2	USD	FRPL
IPE	ICE Futures	Energy	AFC	Richards Bay Coal Calendar One Time	Fut	Electronic	9	USD	FRPL				9	0.2	USD	FRPL
IPE	ICE Futures	Energy	AFC	Richards Bay Coal Calendar One Time	Opt	Electronic	9	USD	FRPL				9	0.15	EUR	FRPL
IPE	ICE Futures	Energy	AFE	Propane, Argus Far East, Fixed Price Swap	Fut	Electronic	108	USD	FRPL				108	0.2	USD	FRPL
IPE	ICE Futures	Energy	AFQ	Richards Bay Coal Quarter One Time	Fut	Electronic	9	USD	FRPL				9	0.2	USD	FRPL
IPE	ICE Futures	Energy	AFQ	Richards Bay Coal Quarter One Time	Opt	Electronic	9	USD	FRPL				9	0.15	EUR	FRPL

Exch Code	Exch Desc	Comm Group	Prod Code	Product Desc	F/O	Platform	Trd Fee	Trd Fee Cur	Trd Fee Meth	Clr Fee	Clr Fee Cur	Clr Fee Meth	Fee Total	Brk Fee	Brk Fee Cur	Brk Fee Meth
IPE	ICE Futures	Energy	AFR	Richards Bay Coal Monthly	Fut	Electronic	9	USD	FRPL				9	0.2	USD	FRPL
IPE	ICE Futures	Energy	AFR	Richards Bay Coal	Opt	Electronic	9	USD	FRPL				9	0.15	EUR	FRPL
IPE	ICE Futures	Energy	AGA	Fuel Oil 180 CST Singapore vs 3.5% FOB Rotterdam Barges Balmo Swap Day 1	Fut	Electronic	32.75	USD	FRPL				32.75	0.2	USD	FRPL
IPE	ICE Futures	Energy	AGB	Fuel Oil 180 CST Singapore vs 3.5% FOB Rotterdam Barges Balmo Swap Day 2	Fut	Electronic	32.75	USD	FRPL				32.75	0.2	USD	FRPL
IPE	ICE Futures	Energy	AGC	Fuel Oil 180 CST Singapore vs 3.5% FOB Rotterdam Barges Balmo Swap Day 3	Fut	Electronic	32.75	USD	FRPL				32.75	0.2	USD	FRPL
IPE	ICE Futures	Energy	AGD	Fuel Oil 180 CST Singapore vs 3.5% FOB Rotterdam Barges Balmo Swap Day 4	Fut	Electronic	32.75	USD	FRPL				32.75	0.2	USD	FRPL
IPE	ICE Futures	Energy	AGE	Fuel Oil 180 CST Singapore vs 3.5% FOB Rotterdam Barges Balmo Swap Day 5	Fut	Electronic	32.75	USD	FRPL				32.75	0.2	USD	FRPL
IPE	ICE Futures	Energy	AGF	Fuel Oil 180 CST Singapore vs 3.5% FOB Rotterdam Barges Balmo Swap Day 6	Fut	Electronic	32.75	USD	FRPL				32.75	0.2	USD	FRPL
IPE	ICE Futures	Energy	AGG	Fuel Oil 180 CST Singapore vs 3.5% FOB Rotterdam Barges Balmo Swap Day 7	Fut	Electronic	32.75	USD	FRPL				32.75	0.2	USD	FRPL
IPE	ICE Futures	Energy	AGH	Fuel Oil 180 CST Singapore vs 3.5% FOB Rotterdam Barges Balmo Swap Day 8	Fut	Electronic	32.75	USD	FRPL				32.75	0.2	USD	FRPL
IPE	ICE Futures	Energy	AGI	Fuel Oil 180 CST Singapore vs 3.5% FOB Rotterdam Barges Balmo Swap Day 9	Fut	Electronic	32.75	USD	FRPL				32.75	0.2	USD	FRPL
IPE	ICE Futures	Energy	AGJ	Fuel Oil 180 CST Singapore vs 3.5% FOB Rotterdam Barges Balmo Swap Day 10	Fut	Electronic	32.75	USD	FRPL				32.75	0.2	USD	FRPL
IPE	ICE Futures	Energy	AGK	Fuel Oil 180 CST Singapore vs 3.5% FOB Rotterdam Barges Balmo Swap Day 11	Fut	Electronic	32.75	USD	FRPL				32.75	0.2	USD	FRPL
IPE	ICE Futures	Energy	AGL	Fuel Oil 180 CST Singapore vs 3.5% FOB Rotterdam Barges Balmo Swap Day 12	Fut	Electronic	32.75	USD	FRPL				32.75	0.2	USD	FRPL
IPE	ICE Futures	Energy	AGM	Fuel Oil 180 CST Singapore vs 3.5% FOB Rotterdam Barges Balmo Swap Day 13	Fut	Electronic	32.75	USD	FRPL				32.75	0.2	USD	FRPL
IPE	ICE Futures	Energy	AGN	Fuel Oil 180 CST Singapore vs 3.5% FOB Rotterdam Barges Balmo Swap Day 14	Fut	Electronic	32.75	USD	FRPL				32.75	0.2	USD	FRPL
IPE	ICE Futures	Energy	AGO	Fuel Oil 180 CST Singapore vs 3.5% FOB Rotterdam Barges Balmo Swap Day 15	Fut	Electronic	32.75	USD	FRPL				32.75	0.2	USD	FRPL
IPE	ICE Futures	Energy	AGP	Fuel Oil 180 CST Singapore vs 3.5% FOB Rotterdam Barges Balmo Swap Day 16	Fut	Electronic	32.75	USD	FRPL				32.75	0.2	USD	FRPL
IPE	ICE Futures	Energy	AGQ	Fuel Oil 180 CST Singapore vs 3.5% FOB Rotterdam Barges Balmo Swap Day 17	Fut	Electronic	32.75	USD	FRPL				32.75	0.2	USD	FRPL
IPE	ICE Futures	Energy	AGR	Fuel Oil 180 CST Singapore vs 3.5% FOB Rotterdam Barges Balmo Swap Day 18	Fut	Electronic	32.75	USD	FRPL				32.75	0.2	USD	FRPL
IPE	ICE Futures	Energy	AGS	Fuel Oil 180 CST Singapore vs 3.5% FOB Rotterdam Barges Balmo Swap Day 19	Fut	Electronic	32.75	USD	FRPL				32.75	0.2	USD	FRPL
IPE	ICE Futures	Energy	AGT	Fuel Oil 180 CST Singapore vs 3.5% FOB Rotterdam Barges Balmo Swap Day 20	Fut	Electronic	32.75	USD	FRPL				32.75	0.2	USD	FRPL
IPE	ICE Futures	Energy	AGU	Fuel Oil 180 CST Singapore vs 3.5% FOB Rotterdam Barges Balmo Swap Day 21	Fut	Electronic	32.75	USD	FRPL				32.75	0.2	USD	FRPL
IPE	ICE Futures	Energy	AGV	Fuel Oil 180 CST Singapore vs 3.5% FOB Rotterdam Barges Balmo Swap Day 22	Fut	Electronic	32.75	USD	FRPL				32.75	0.2	USD	FRPL
IPE	ICE Futures	Energy	AGW	Fuel Oil 180 CST Singapore vs 3.5% FOB Rotterdam Barges Balmo Swap Day 23	Fut	Electronic	32.75	USD	FRPL				32.75	0.2	USD	FRPL
IPE	ICE Futures	Energy	AGX	Fuel Oil 180 CST Singapore vs 3.5% FOB Rotterdam Barges Balmo Swap Day 24	Fut	Electronic	32.75	USD	FRPL				32.75	0.2	USD	FRPL
IPE	ICE Futures	Energy	AGY	Fuel Oil 180 CST Singapore vs 3.5% FOB Rotterdam Barges Balmo Swap Day 25	Fut	Electronic	32.75	USD	FRPL				32.75	0.2	USD	FRPL
IPE	ICE Futures	Energy	AGZ	Fuel Oil 180 CST Singapore vs 3.5% FOB Rotterdam Barges Balmo Swap Day 26	Fut	Electronic	32.75	USD	FRPL				32.75	0.2	USD	FRPL
IPE	ICE Futures	Energy	AHA	Fuel Oil 180 CST Singapore vs 3.5% FOB Rotterdam Barges Balmo Swap Day 27	Fut	Electronic	32.75	USD	FRPL				32.75	0.2	USD	FRPL
IPE	ICE Futures	Energy	AHB	Fuel Oil 180 CST Singapore vs 3.5% FOB Rotterdam Barges Balmo Swap Day 28	Fut	Electronic	32.75	USD	FRPL				32.75	0.2	USD	FRPL

Exch Code	Exch Desc	Comm Group	Prod Code	Product Desc	F/O	Platform	Trd Fee	Trd Fee Cur	Trd Fee Meth	Clr Fee	Clr Fee Cur	Clr Fee Meth	Fee Total	Brk Fee	Brk Fee Cur	Brk Fee Meth
IPE	ICE Futures	Energy	AHC	Fuel Oil 180 CST Singapore vs 3.5% FOB Rotterdam Barges Balmo Swap Day 29	Fut	Electronic	32.75	USD	FRPL				32.75	0.2	USD	FRPL
IPE	ICE Futures	Energy	AHD	Fuel Oil 180 CST Singapore vs 3.5% FOB Rotterdam Barges Balmo Swap Day 30	Fut	Electronic	32.75	USD	FRPL				32.75	0.2	USD	FRPL
IPE	ICE Futures	Energy	AHE	Fuel Oil 180 CST Singapore vs 3.5% FOB Rotterdam Barges Balmo Swap Day 31	Fut	Electronic	32.75	USD	FRPL				32.75	0.2	USD	FRPL
IPE	ICE Futures	Energy	AHF	Fuel Oil 380 CST Singapore vs 3.5% FOB Rotterdam Barges Balmo Swap Day 1	Fut	Electronic	32.75	USD	FRPL				32.75	0.2	USD	FRPL
IPE	ICE Futures	Energy	AHG	Fuel Oil 380 CST Singapore vs 3.5% FOB Rotterdam Barges Balmo Swap Day 2	Fut	Electronic	32.75	USD	FRPL				32.75	0.2	USD	FRPL
IPE	ICE Futures	Energy	AHH	Fuel Oil 380 CST Singapore vs 3.5% FOB Rotterdam Barges Balmo Swap Day 3	Fut	Electronic	32.75	USD	FRPL				32.75	0.2	USD	FRPL
IPE	ICE Futures	Energy	AHI	Fuel Oil 380 CST Singapore vs 3.5% FOB Rotterdam Barges Balmo Swap Day 4	Fut	Electronic	32.75	USD	FRPL				32.75	0.2	USD	FRPL
IPE	ICE Futures	Energy	AHJ	Fuel Oil 380 CST Singapore vs 3.5% FOB Rotterdam Barges Balmo Swap Day 5	Fut	Electronic	32.75	USD	FRPL				32.75	0.2	USD	FRPL
IPE	ICE Futures	Energy	AHK	Fuel Oil 380 CST Singapore vs 3.5% FOB Rotterdam Barges Balmo Swap Day 6	Fut	Electronic	32.75	USD	FRPL				32.75	0.2	USD	FRPL
IPE	ICE Futures	Energy	AHL	Fuel Oil 380 CST Singapore vs 3.5% FOB Rotterdam Barges Balmo Swap Day 7	Fut	Electronic	32.75	USD	FRPL				32.75	0.2	USD	FRPL
IPE	ICE Futures	Energy	AHM	Fuel Oil 380 CST Singapore vs 3.5% FOB Rotterdam Barges Balmo Swap Day 8	Fut	Electronic	32.75	USD	FRPL				32.75	0.2	USD	FRPL
IPE	ICE Futures	Energy	AHN	Fuel Oil 380 CST Singapore vs 3.5% FOB Rotterdam Barges Balmo Swap Day 9	Fut	Electronic	32.75	USD	FRPL				32.75	0.2	USD	FRPL
IPE	ICE Futures	Energy	AHO	Fuel Oil 380 CST Singapore vs 3.5% FOB Rotterdam Barges Balmo Swap Day 10	Fut	Electronic	32.75	USD	FRPL				32.75	0.2	USD	FRPL
IPE	ICE Futures	Energy	AHP	Fuel Oil 380 CST Singapore vs 3.5% FOB Rotterdam Barges Balmo Swap Day 11	Fut	Electronic	32.75	USD	FRPL				32.75	0.2	USD	FRPL
IPE	ICE Futures	Energy	AHQ	Fuel Oil 380 CST Singapore vs 3.5% FOB Rotterdam Barges Balmo Swap Day 12	Fut	Electronic	32.75	USD	FRPL				32.75	0.2	USD	FRPL
IPE	ICE Futures	Energy	AHR	Fuel Oil 380 CST Singapore vs 3.5% FOB Rotterdam Barges Balmo Swap Day 13	Fut	Electronic	32.75	USD	FRPL				32.75	0.2	USD	FRPL
IPE	ICE Futures	Energy	AHS	Fuel Oil 380 CST Singapore vs 3.5% FOB Rotterdam Barges Balmo Swap Day 14	Fut	Electronic	32.75	USD	FRPL				32.75	0.2	USD	FRPL
IPE	ICE Futures	Energy	AHT	Fuel Oil 380 CST Singapore vs 3.5% FOB Rotterdam Barges Balmo Swap Day 15	Fut	Electronic	32.75	USD	FRPL				32.75	0.2	USD	FRPL
IPE	ICE Futures	Energy	AHU	Fuel Oil 380 CST Singapore vs 3.5% FOB Rotterdam Barges Balmo Swap Day 16	Fut	Electronic	32.75	USD	FRPL				32.75	0.2	USD	FRPL
IPE	ICE Futures	Energy	AHV	Fuel Oil 380 CST Singapore vs 3.5% FOB Rotterdam Barges Balmo Swap Day 17	Fut	Electronic	32.75	USD	FRPL				32.75	0.2	USD	FRPL
IPE	ICE Futures	Energy	AHW	Fuel Oil 380 CST Singapore vs 3.5% FOB Rotterdam Barges Balmo Swap Day 18	Fut	Electronic	32.75	USD	FRPL				32.75	0.2	USD	FRPL
IPE	ICE Futures	Energy	AHX	Fuel Oil 380 CST Singapore vs 3.5% FOB Rotterdam Barges Balmo Swap Day 19	Fut	Electronic	32.75	USD	FRPL				32.75	0.2	USD	FRPL
IPE	ICE Futures	Energy	AHY	Fuel Oil 380 CST Singapore vs 3.5% FOB Rotterdam Barges Balmo Swap Day 20	Fut	Electronic	32.75	USD	FRPL				32.75	0.2	USD	FRPL
IPE	ICE Futures	Energy	AHZ	Fuel Oil 380 CST Singapore vs 3.5% FOB Rotterdam Barges Balmo Swap Day 21	Fut	Electronic	32.75	USD	FRPL				32.75	0.2	USD	FRPL
IPE	ICE Futures	Energy	AIA	Fuel Oil 380 CST Singapore vs 3.5% FOB Rotterdam Barges Balmo Swap Day 22	Fut	Electronic	32.75	USD	FRPL				32.75	0.2	USD	FRPL
IPE	ICE Futures	Energy	AIB	Fuel Oil 380 CST Singapore vs 3.5% FOB Rotterdam Barges Balmo Swap Day 23	Fut	Electronic	32.75	USD	FRPL				32.75	0.2	USD	FRPL
IPE	ICE Futures	Energy	AIC	Fuel Oil 380 CST Singapore vs 3.5% FOB Rotterdam Barges Balmo Swap Day 24	Fut	Electronic	32.75	USD	FRPL				32.75	0.2	USD	FRPL
IPE	ICE Futures	Energy	AID	Fuel Oil 380 CST Singapore vs 3.5% FOB Rotterdam Barges Balmo Swap Day 25	Fut	Electronic	32.75	USD	FRPL				32.75	0.2	USD	FRPL
IPE	ICE Futures	Energy	AIE	Fuel Oil 380 CST Singapore vs 3.5% FOB Rotterdam Barges Balmo Swap Day 26	Fut	Electronic	32.75	USD	FRPL				32.75	0.2	USD	FRPL

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IPE	ICE Futures	Energy	AIF	Fuel Oil 380 CST Singapore vs 3.5% FOB Rotterdam Barges Balmo Swap Day 27	Fut	Electronic	32.75	USD	FRPL				32.75	0.2	USD	FRPL
IPE	ICE Futures	Energy	AIG	Fuel Oil 380 CST Singapore vs 3.5% FOB Rotterdam Barges Balmo Swap Day 28	Fut	Electronic	32.75	USD	FRPL				32.75	0.2	USD	FRPL
IPE	ICE Futures	Energy	AIH	Fuel Oil 380 CST Singapore vs 3.5% FOB Rotterdam Barges Balmo Swap Day 29	Fut	Electronic	32.75	USD	FRPL				32.75	0.2	USD	FRPL
IPE	ICE Futures	Energy	AII	Fuel Oil 380 CST Singapore vs 3.5% FOB Rotterdam Barges Balmo Swap Day 30	Fut	Electronic	32.75	USD	FRPL				32.75	0.2	USD	FRPL
IPE	ICE Futures	Energy	AIJ	Fuel Oil 380 CST Singapore vs 3.5% FOB Rotterdam Barges Balmo Swap Day 31	Fut	Electronic	32.75	USD	FRPL				32.75	0.2	USD	FRPL
IPE	ICE Futures	Energy	AKA	Fuel Oil 180 CST Singapore vs 380 CST Singapore Balmo Swap Day 1	Fut	Electronic	32.75	USD	FRPL				32.75	0.2	USD	FRPL
IPE	ICE Futures	Energy	AKB	Fuel Oil 180 CST Singapore vs 380 CST Singapore Balmo Swap Day 2	Fut	Electronic	32.75	USD	FRPL				32.75	0.2	USD	FRPL
IPE	ICE Futures	Energy	AKC	Fuel Oil 180 CST Singapore vs 380 CST Singapore Balmo Swap Day 3	Fut	Electronic	32.75	USD	FRPL				32.75	0.2	USD	FRPL
IPE	ICE Futures	Energy	AKD	Fuel Oil 180 CST Singapore vs 380 CST Singapore Balmo Swap Day 4	Fut	Electronic	32.75	USD	FRPL				32.75	0.2	USD	FRPL
IPE	ICE Futures	Energy	AKE	Fuel Oil 180 CST Singapore vs 380 CST Singapore Balmo Swap Day 5	Fut	Electronic	32.75	USD	FRPL				32.75	0.2	USD	FRPL
IPE	ICE Futures	Energy	AKF	Fuel Oil 180 CST Singapore vs 380 CST Singapore Balmo Swap Day 6	Fut	Electronic	32.75	USD	FRPL				32.75	0.2	USD	FRPL
IPE	ICE Futures	Energy	AKG	Fuel Oil 180 CST Singapore vs 380 CST Singapore Balmo Swap Day 7	Fut	Electronic	32.75	USD	FRPL				32.75	0.2	USD	FRPL
IPE	ICE Futures	Energy	AKH	Fuel Oil 180 CST Singapore vs 380 CST Singapore Balmo Swap Day 8	Fut	Electronic	32.75	USD	FRPL				32.75	0.2	USD	FRPL
IPE	ICE Futures	Energy	AKI	Fuel Oil 180 CST Singapore vs 380 CST Singapore Balmo Swap Day 9	Fut	Electronic	32.75	USD	FRPL				32.75	0.2	USD	FRPL
IPE	ICE Futures	Energy	AKJ	Fuel Oil 180 CST Singapore vs 380 CST Singapore Balmo Swap Day 10	Fut	Electronic	32.75	USD	FRPL				32.75	0.2	USD	FRPL
IPE	ICE Futures	Energy	AKK	Fuel Oil 180 CST Singapore vs 380 CST Singapore Balmo Swap Day 11	Fut	Electronic	32.75	USD	FRPL				32.75	0.2	USD	FRPL
IPE	ICE Futures	Energy	AKL	Fuel Oil 180 CST Singapore vs 380 CST Singapore Balmo Swap Day 12	Fut	Electronic	32.75	USD	FRPL				32.75	0.2	USD	FRPL
IPE	ICE Futures	Energy	AKM	Fuel Oil 180 CST Singapore vs 380 CST Singapore Balmo Swap Day 13	Fut	Electronic	32.75	USD	FRPL				32.75	0.2	USD	FRPL
IPE	ICE Futures	Energy	AKN	Fuel Oil 180 CST Singapore vs 380 CST Singapore Balmo Swap Day 14	Fut	Electronic	32.75	USD	FRPL				32.75	0.2	USD	FRPL
IPE	ICE Futures	Energy	AKO	Fuel Oil 180 CST Singapore vs 380 CST Singapore Balmo Swap Day 15	Fut	Electronic	32.75	USD	FRPL				32.75	0.2	USD	FRPL
IPE	ICE Futures	Energy	AKP	Fuel Oil 180 CST Singapore vs 380 CST Singapore Balmo Swap Day 16	Fut	Electronic	32.75	USD	FRPL				32.75	0.2	USD	FRPL
IPE	ICE Futures	Energy	AKQ	Fuel Oil 180 CST Singapore vs 380 CST Singapore Balmo Swap Day 17	Fut	Electronic	32.75	USD	FRPL				32.75	0.2	USD	FRPL
IPE	ICE Futures	Energy	AKR	Fuel Oil 180 CST Singapore vs 380 CST Singapore Balmo Swap Day 18	Fut	Electronic	32.75	USD	FRPL				32.75	0.2	USD	FRPL
IPE	ICE Futures	Energy	AKS	Fuel Oil 180 CST Singapore vs 380 CST Singapore Balmo Swap Day 19	Fut	Electronic	32.75	USD	FRPL				32.75	0.2	USD	FRPL
IPE	ICE Futures	Energy	AKT	Fuel Oil 180 CST Singapore vs 380 CST Singapore Balmo Swap Day 20	Fut	Electronic	32.75	USD	FRPL				32.75	0.2	USD	FRPL
IPE	ICE Futures	Energy	AKU	Fuel Oil 180 CST Singapore vs 380 CST Singapore Balmo Swap Day 21	Fut	Electronic	32.75	USD	FRPL				32.75	0.2	USD	FRPL
IPE	ICE Futures	Energy	AKV	Fuel Oil 180 CST Singapore vs 380 CST Singapore Balmo Swap Day 22	Fut	Electronic	32.75	USD	FRPL				32.75	0.2	USD	FRPL
IPE	ICE Futures	Energy	AKW	Fuel Oil 180 CST Singapore vs 380 CST Singapore Balmo Swap Day 23	Fut	Electronic	32.75	USD	FRPL				32.75	0.2	USD	FRPL
IPE	ICE Futures	Energy	AKX	Fuel Oil 180 CST Singapore vs 380 CST Singapore Balmo Swap Day 24	Fut	Electronic	32.75	USD	FRPL				32.75	0.2	USD	FRPL

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IPE	ICE Futures	Energy	AKY	Fuel Oil 180 CST Singapore vs 380 CST Singapore Balmo Swap Day 25	Fut	Electronic	32.75	USD	FRPL				32.75	0.2	USD	FRPL
IPE	ICE Futures	Energy	AKZ	Fuel Oil 180 CST Singapore vs 380 CST Singapore Balmo Swap Day 26	Fut	Electronic	32.75	USD	FRPL				32.75	0.2	USD	FRPL
IPE	ICE Futures	Energy	ALA	Fuel Oil 180 CST Singapore vs 380 CST Singapore Balmo Swap Day 27	Fut	Electronic	32.75	USD	FRPL				32.75	0.2	USD	FRPL
IPE	ICE Futures	Energy	ALB	Fuel Oil 180 CST Singapore vs 380 CST Singapore Balmo Swap Day 28	Fut	Electronic	32.75	USD	FRPL				32.75	0.2	USD	FRPL
IPE	ICE Futures	Energy	ALC	Fuel Oil 180 CST Singapore vs 380 CST Singapore Balmo Swap Day 29	Fut	Electronic	32.75	USD	FRPL				32.75	0.2	USD	FRPL
IPE	ICE Futures	Energy	ALD	Fuel Oil 180 CST Singapore vs 380 CST Singapore Balmo Swap Day 30	Fut	Electronic	32.75	USD	FRPL				32.75	0.2	USD	FRPL
IPE	ICE Futures	Energy	ALE	Fuel Oil 180 CST Singapore vs 380 CST Singapore Balmo Swap Day 31	Fut	Electronic	32.75	USD	FRPL				32.75	0.2	USD	FRPL
IPE	ICE Futures	Energy	AMA	Dubai 1st Line Balmo Swap Day 1	Fut	Electronic	2.59	USD	FRPL				2.59	0.2	USD	FRPL
IPE	ICE Futures	Energy	AMB	Dubai 1st Line Balmo Swap Day 2	Fut	Electronic	2.59	USD	FRPL				2.59	0.2	USD	FRPL
IPE	ICE Futures	Energy	AMC	Dubai 1st Line Balmo Swap Day 3	Fut	Electronic	2.59	USD	FRPL				2.59	0.2	USD	FRPL
IPE	ICE Futures	Energy	AMD	Dubai 1st Line Balmo Swap Day 4	Fut	Electronic	2.59	USD	FRPL				2.59	0.2	USD	FRPL
IPE	ICE Futures	Energy	AME	Dubai 1st Line Balmo Swap Day 5	Fut	Electronic	2.59	USD	FRPL				2.59	0.2	USD	FRPL
IPE	ICE Futures	Energy	AMF	Dubai 1st Line Balmo Swap Day 6	Fut	Electronic	2.59	USD	FRPL				2.59	0.2	USD	FRPL
IPE	ICE Futures	Energy	AMG	Dubai 1st Line Balmo Swap Day 7	Fut	Electronic	2.59	USD	FRPL				2.59	0.2	USD	FRPL
IPE	ICE Futures	Energy	AMH	Dubai 1st Line Balmo Swap Day 8	Fut	Electronic	2.59	USD	FRPL				2.59	0.2	USD	FRPL
IPE	ICE Futures	Energy	AMI	Dubai 1st Line Balmo Swap Day 9	Fut	Electronic	2.59	USD	FRPL				2.59	0.2	USD	FRPL
IPE	ICE Futures	Energy	AMJ	Dubai 1st Line Balmo Swap Day 10	Fut	Electronic	2.59	USD	FRPL				2.59	0.2	USD	FRPL
IPE	ICE Futures	Energy	AMK	Dubai 1st Line Balmo Swap Day 11	Fut	Electronic	2.59	USD	FRPL				2.59	0.2	USD	FRPL
IPE	ICE Futures	Energy	AML	Dubai 1st Line Balmo Swap Day 12	Fut	Electronic	2.59	USD	FRPL				2.59	0.2	USD	FRPL
IPE	ICE Futures	Energy	AMM	Dubai 1st Line Balmo Swap Day 13	Fut	Electronic	2.59	USD	FRPL				2.59	0.2	USD	FRPL
IPE	ICE Futures	Energy	AMN	Dubai 1st Line Balmo Swap Day 14	Fut	Electronic	2.59	USD	FRPL				2.59	0.2	USD	FRPL
IPE	ICE Futures	Energy	AMO	Dubai 1st Line Balmo Swap Day 15	Fut	Electronic	2.59	USD	FRPL				2.59	0.2	USD	FRPL
IPE	ICE Futures	Energy	AMP	Dubai 1st Line Balmo Swap Day 16	Fut	Electronic	2.59	USD	FRPL				2.59	0.2	USD	FRPL
IPE	ICE Futures	Energy	AMQ	Dubai 1st Line Balmo Swap Day 17	Fut	Electronic	2.59	USD	FRPL				2.59	0.2	USD	FRPL
IPE	ICE Futures	Energy	AMR	Dubai 1st Line Balmo Swap Day 18	Fut	Electronic	2.59	USD	FRPL				2.59	0.2	USD	FRPL
IPE	ICE Futures	Energy	AMS	Dubai 1st Line Balmo Swap Day 19	Fut	Electronic	2.59	USD	FRPL				2.59	0.2	USD	FRPL
IPE	ICE Futures	Energy	AMT	Dubai 1st Line Balmo Swap Day 20	Fut	Electronic	2.59	USD	FRPL				2.59	0.2	USD	FRPL
IPE	ICE Futures	Energy	AMU	Dubai 1st Line Balmo Swap Day 21	Fut	Electronic	2.59	USD	FRPL				2.59	0.2	USD	FRPL
IPE	ICE Futures	Energy	AMV	Dubai 1st Line Balmo Swap Day 22	Fut	Electronic	2.59	USD	FRPL				2.59	0.2	USD	FRPL
IPE	ICE Futures	Energy	AMW	Dubai 1st Line Balmo Swap Day 23	Fut	Electronic	2.59	USD	FRPL				2.59	0.2	USD	FRPL
IPE	ICE Futures	Energy	AMX	Dubai 1st Line Balmo Swap Day 24	Fut	Electronic	2.59	USD	FRPL				2.59	0.2	USD	FRPL
IPE	ICE Futures	Energy	AMY	Dubai 1st Line Balmo Swap Day 25	Fut	Electronic	2.59	USD	FRPL				2.59	0.2	USD	FRPL
IPE	ICE Futures	Energy	AMZ	Dubai 1st Line Balmo Swap Day 26	Fut	Electronic	2.59	USD	FRPL				2.59	0.2	USD	FRPL
IPE	ICE Futures	Energy	ANA	Dubai 1st Line Balmo Swap Day 27	Fut	Electronic	2.59	USD	FRPL				2.59	0.2	USD	FRPL
IPE	ICE Futures	Energy	ANB	Dubai 1st Line Balmo Swap Day 28	Fut	Electronic	2.59	USD	FRPL				2.59	0.2	USD	FRPL
IPE	ICE Futures	Energy	ANC	Dubai 1st Line Balmo Swap Day 29	Fut	Electronic	2.59	USD	FRPL				2.59	0.2	USD	FRPL
IPE	ICE Futures	Energy	AND	Dubai 1st Line Balmo Swap Day 30	Fut	Electronic	2.59	USD	FRPL				2.59	0.2	USD	FRPL
IPE	ICE Futures	Energy	ANE	Dubai 1st Line Balmo Swap Day 31	Fut	Electronic	2.59	USD	FRPL				2.59	0.2	USD	FRPL
IPE	ICE Futures	Energy	APC	Propane, Argus CIF ARA, Fixed Price Swap	Fut	Electronic	108	USD	FRPL				108	0.2	USD	FRPL
IPE	ICE Futures	Energy	APN	Propane, Argus CIF ARA vs Naphtha, Platts CIF NWE Cargo, Differential Swap	Fut	Electronic	108	USD	FRPL				108	0.2	USD	FRPL
IPE	ICE Futures	Energy	AQA	Jet CIF NWE Cargoes vs Gasoil 1st Line Balmo Swap Day 1	Fut	Electronic	40.4	USD	FRPL				40.4	0.2	USD	FRPL
IPE	ICE Futures	Energy	AQB	Jet CIF NWE Cargoes vs Gasoil 1st Line Balmo Swap Day 2	Fut	Electronic	40.4	USD	FRPL				40.4	0.2	USD	FRPL
IPE	ICE Futures	Energy	AQC	Jet CIF NWE Cargoes vs Gasoil 1st Line Balmo Swap Day 3	Fut	Electronic	40.4	USD	FRPL				40.4	0.2	USD	FRPL
IPE	ICE Futures	Energy	AQD	Jet CIF NWE Cargoes vs Gasoil 1st Line Balmo Swap Day 4	Fut	Electronic	40.4	USD	FRPL				40.4	0.2	USD	FRPL
IPE	ICE Futures	Energy	AQE	Jet CIF NWE Cargoes vs Gasoil 1st Line Balmo Swap Day 5	Fut	Electronic	40.4	USD	FRPL				40.4	0.2	USD	FRPL
IPE	ICE Futures	Energy	AQF	Jet CIF NWE Cargoes vs Gasoil 1st Line Balmo Swap Day 6	Fut	Electronic	40.4	USD	FRPL				40.4	0.2	USD	FRPL
IPE	ICE Futures	Energy	AQG	Jet CIF NWE Cargoes vs Gasoil 1st Line Balmo Swap Day 7	Fut	Electronic	40.4	USD	FRPL				40.4	0.2	USD	FRPL
IPE	ICE Futures	Energy	AQH	Jet CIF NWE Cargoes vs Gasoil 1st Line Balmo Swap Day 8	Fut	Electronic	40.4	USD	FRPL				40.4	0.2	USD	FRPL
IPE	ICE Futures	Energy	AQI	Jet CIF NWE Cargoes vs Gasoil 1st Line Balmo Swap Day 9	Fut	Electronic	40.4	USD	FRPL				40.4	0.2	USD	FRPL
IPE	ICE Futures	Energy	AQJ	Jet CIF NWE Cargoes vs Gasoil 1st Line Balmo Swap Day 10	Fut	Electronic	40.4	USD	FRPL				40.4	0.2	USD	FRPL
IPE	ICE Futures	Energy	AQK	Jet CIF NWE Cargoes vs Gasoil 1st Line Balmo Swap Day 11	Fut	Electronic	40.4	USD	FRPL				40.4	0.2	USD	FRPL

Exch Code	Exch Desc	Comm Group	Prod Code	Product Desc	F/O	Platform	Trd Fee	Trd Fee Cur	Trd Fee Meth	Clr Fee	Clr Fee Cur	Clr Fee Meth	Fee Total	Brk Fee	Brk Fee Cur	Brk Fee Meth
IPE	ICE Futures	Energy	AQL	Jet CIF NWE Cargoes vs Gasoil 1st Line Balmo Swap Day 12	Fut	Electronic	40.4	USD	FRPL				40.4	0.2	USD	FRPL
IPE	ICE Futures	Energy	AQM	Jet CIF NWE Cargoes vs Gasoil 1st Line Balmo Swap Day 13	Fut	Electronic	40.4	USD	FRPL				40.4	0.2	USD	FRPL
IPE	ICE Futures	Energy	AQN	Jet CIF NWE Cargoes vs Gasoil 1st Line Balmo Swap Day 14	Fut	Electronic	40.4	USD	FRPL				40.4	0.2	USD	FRPL
IPE	ICE Futures	Energy	AQO	Jet CIF NWE Cargoes vs Gasoil 1st Line Balmo Swap Day 15	Fut	Electronic	40.4	USD	FRPL				40.4	0.2	USD	FRPL
IPE	ICE Futures	Energy	AQP	Jet CIF NWE Cargoes vs Gasoil 1st Line Balmo Swap Day 16	Fut	Electronic	40.4	USD	FRPL				40.4	0.2	USD	FRPL
IPE	ICE Futures	Energy	AQQ	Jet CIF NWE Cargoes vs Gasoil 1st Line Balmo Swap Day 17	Fut	Electronic	40.4	USD	FRPL				40.4	0.2	USD	FRPL
IPE	ICE Futures	Energy	AQR	Jet CIF NWE Cargoes vs Gasoil 1st Line Balmo Swap Day 18	Fut	Electronic	40.4	USD	FRPL				40.4	0.2	USD	FRPL
IPE	ICE Futures	Energy	AQS	Jet CIF NWE Cargoes vs Gasoil 1st Line Balmo Swap Day 19	Fut	Electronic	40.4	USD	FRPL				40.4	0.2	USD	FRPL
IPE	ICE Futures	Energy	AQT	Jet CIF NWE Cargoes vs Gasoil 1st Line Balmo Swap Day 20	Fut	Electronic	40.4	USD	FRPL				40.4	0.2	USD	FRPL
IPE	ICE Futures	Energy	AQU	Jet CIF NWE Cargoes vs Gasoil 1st Line Balmo Swap Day 21	Fut	Electronic	40.4	USD	FRPL				40.4	0.2	USD	FRPL
IPE	ICE Futures	Energy	AQV	Jet CIF NWE Cargoes vs Gasoil 1st Line Balmo Swap Day 22	Fut	Electronic	40.4	USD	FRPL				40.4	0.2	USD	FRPL
IPE	ICE Futures	Energy	AQW	Jet CIF NWE Cargoes vs Gasoil 1st Line Balmo Swap Day 23	Fut	Electronic	40.4	USD	FRPL				40.4	0.2	USD	FRPL
IPE	ICE Futures	Energy	AQX	Jet CIF NWE Cargoes vs Gasoil 1st Line Balmo Swap Day 24	Fut	Electronic	40.4	USD	FRPL				40.4	0.2	USD	FRPL
IPE	ICE Futures	Energy	AQY	Jet CIF NWE Cargoes vs Gasoil 1st Line Balmo Swap Day 25	Fut	Electronic	40.4	USD	FRPL				40.4	0.2	USD	FRPL
IPE	ICE Futures	Energy	AQZ	Jet CIF NWE Cargoes vs Gasoil 1st Line Balmo Swap Day 26	Fut	Electronic	40.4	USD	FRPL				40.4	0.2	USD	FRPL
IPE	ICE Futures	Energy	ARA	Jet CIF NWE Cargoes vs Gasoil 1st Line Balmo Swap Day 27	Fut	Electronic	40.4	USD	FRPL				40.4	0.2	USD	FRPL
IPE	ICE Futures	Energy	ARB	Jet CIF NWE Cargoes vs Gasoil 1st Line Balmo Swap Day 28	Fut	Electronic	40.4	USD	FRPL				40.4	0.2	USD	FRPL
IPE	ICE Futures	Energy	ARC	Jet CIF NWE Cargoes vs Gasoil 1st Line Balmo Swap Day 29	Fut	Electronic	40.4	USD	FRPL				40.4	0.2	USD	FRPL
IPE	ICE Futures	Energy	ARD	Jet CIF NWE Cargoes vs Gasoil 1st Line Balmo Swap Day 30	Fut	Electronic	40.4	USD	FRPL				40.4	0.2	USD	FRPL
IPE	ICE Futures	Energy	ARE	Jet CIF NWE Cargoes vs Gasoil 1st Line Balmo Swap Day 31	Fut	Electronic	40.4	USD	FRPL				40.4	0.2	USD	FRPL
IPE	ICE Futures	Energy	ARF	Argus East Siberian Pacific Ocean (ESPO) Diff Swap	Fut	Electronic	2.59	USD	FRPL				2.59	0.2	USD	FRPL
IPE	ICE Futures	Energy	ARG	Argus East Siberian Pacific Ocean (ESPO) Swap	Fut	Electronic	2.59	USD	FRPL				2.59	0.2	USD	FRPL
IPE	ICE Futures	Energy	ARH	Argus LLS Swap	Fut	Electronic	2.59	USD	FRPL				2.59	0.2	USD	FRPL
IPE	ICE Futures	Energy	ARI	Argus LLS vs Brent 1st Line Swap	Fut	Electronic	2.59	USD	FRPL				2.59	0.2	USD	FRPL
IPE	ICE Futures	Energy	ARJ	Argus LLS vs Dated Brent Swap	Fut	Electronic	2.59	USD	FRPL				2.59	0.2	USD	FRPL
IPE	ICE Futures	Energy	ARK	Argus LLS vs WTI 1st Line Swap	Fut	Electronic	2.59	USD	FRPL				2.59	0.2	USD	FRPL
IPE	ICE Futures	Energy	ARL	Argus LLS vs WTI Trade Month Swap	Fut	Electronic	2.59	USD	FRPL				2.59	0.2	USD	FRPL
IPE	ICE Futures	Energy	ARM	Argus Mars Swap	Fut	Electronic	2.59	USD	FRPL				2.59	0.2	USD	FRPL
IPE	ICE Futures	Energy	ARN	Argus Mars vs Brent 1st Line Swap	Fut	Electronic	2.59	USD	FRPL				2.59	0.2	USD	FRPL
IPE	ICE Futures	Energy	ARO	Argus Mars vs WTI 1st Line Swap	Fut	Electronic	2.59	USD	FRPL				2.59	0.2	USD	FRPL
IPE	ICE Futures	Energy	ATC	Rotterdam Coal Calendar One Time	Fut	Electronic	9	USD	FRPL				9	0.2	USD	FRPL
IPE	ICE Futures	Energy	ATC	Rotterdam Calendar One Time	Opt	Electronic	9	USD	FRPL				9	0.15	EUR	FRPL
IPE	ICE Futures	Energy	ATQ	Rotterdam Coal Quarter One Time	Fut	Electronic	9	USD	FRPL				9	0.2	USD	FRPL
IPE	ICE Futures	Energy	ATQ	Rotterdam Coal Quarter One Time	Opt	Electronic	9	USD	FRPL				9	0.15	EUR	FRPL
IPE	ICE Futures	Energy	ATW	Rotterdam Coal Monthly	Fut	Electronic	9	USD	FRPL				9	0.2	USD	FRPL
IPE	ICE Futures	Energy	ATW	Rotterdam Coal	Opt	Electronic	9	USD	FRPL				9	0.15	EUR	FRPL
IPE	ICE Futures	Energy	AUA	Fuel Oil 3.5% FOB Med Cargoes Balmo Swap Day 1	Fut	Electronic	32.75	USD	FRPL				32.75	0.2	USD	FRPL
IPE	ICE Futures	Energy	AUB	Fuel Oil 3.5% FOB Med Cargoes Balmo Swap Day 2	Fut	Electronic	32.75	USD	FRPL				32.75	0.2	USD	FRPL
IPE	ICE Futures	Energy	AUC	Fuel Oil 3.5% FOB Med Cargoes Balmo Swap Day 3	Fut	Electronic	32.75	USD	FRPL				32.75	0.2	USD	FRPL
IPE	ICE Futures	Energy	AUD	Fuel Oil 3.5% FOB Med Cargoes Balmo Swap Day 4	Fut	Electronic	32.75	USD	FRPL				32.75	0.2	USD	FRPL
IPE	ICE Futures	Energy	AUE	Fuel Oil 3.5% FOB Med Cargoes Balmo Swap Day 5	Fut	Electronic	32.75	USD	FRPL				32.75	0.2	USD	FRPL
IPE	ICE Futures	Energy	AUF	Fuel Oil 3.5% FOB Med Cargoes Balmo Swap Day 6	Fut	Electronic	32.75	USD	FRPL				32.75	0.2	USD	FRPL
IPE	ICE Futures	Energy	AUG	Fuel Oil 3.5% FOB Med Cargoes Balmo Swap Day 7	Fut	Electronic	32.75	USD	FRPL				32.75	0.2	USD	FRPL
IPE	ICE Futures	Energy	AUH	Fuel Oil 3.5% FOB Med Cargoes Balmo Swap Day 8	Fut	Electronic	32.75	USD	FRPL				32.75	0.2	USD	FRPL
IPE	ICE Futures	Energy	AUI	Fuel Oil 3.5% FOB Med Cargoes Balmo Swap Day 9	Fut	Electronic	32.75	USD	FRPL				32.75	0.2	USD	FRPL
IPE	ICE Futures	Energy	AUJ	Fuel Oil 3.5% FOB Med Cargoes Balmo Swap Day 10	Fut	Electronic	32.75	USD	FRPL				32.75	0.2	USD	FRPL
IPE	ICE Futures	Energy	AUK	Fuel Oil 3.5% FOB Med Cargoes Balmo Swap Day 11	Fut	Electronic	32.75	USD	FRPL				32.75	0.2	USD	FRPL
IPE	ICE Futures	Energy	AUL	Fuel Oil 3.5% FOB Med Cargoes Balmo Swap Day 12	Fut	Electronic	32.75	USD	FRPL				32.75	0.2	USD	FRPL
IPE	ICE Futures	Energy	AUM	Fuel Oil 3.5% FOB Med Cargoes Balmo Swap Day 13	Fut	Electronic	32.75	USD	FRPL				32.75	0.2	USD	FRPL
IPE	ICE Futures	Energy	AUN	Fuel Oil 3.5% FOB Med Cargoes Balmo Swap Day 14	Fut	Electronic	32.75	USD	FRPL				32.75	0.2	USD	FRPL
IPE	ICE Futures	Energy	AUO	Fuel Oil 3.5% FOB Med Cargoes Balmo Swap Day 15	Fut	Electronic	32.75	USD	FRPL				32.75	0.2	USD	FRPL
IPE	ICE Futures	Energy	AUP	Fuel Oil 3.5% FOB Med Cargoes Balmo Swap Day 16	Fut	Electronic	32.75	USD	FRPL				32.75	0.2	USD	FRPL
IPE	ICE Futures	Energy	AUQ	Fuel Oil 3.5% FOB Med Cargoes Balmo Swap Day 17	Fut	Electronic	32.75	USD	FRPL				32.75	0.2	USD	FRPL
IPE	ICE Futures	Energy	AUR	Fuel Oil 3.5% FOB Med Cargoes Balmo Swap Day 18	Fut	Electronic	32.75	USD	FRPL				32.75	0.2	USD	FRPL
IPE	ICE Futures	Energy	AUS	Fuel Oil 3.5% FOB Med Cargoes Balmo Swap Day 19	Fut	Electronic	32.75	USD	FRPL				32.75	0.2	USD	FRPL
IPE	ICE Futures	Energy	AUT	Fuel Oil 3.5% FOB Med Cargoes Balmo Swap Day 20	Fut	Electronic	32.75	USD	FRPL				32.75	0.2	USD	FRPL
IPE	ICE Futures	Energy	AUU	Fuel Oil 3.5% FOB Med Cargoes Balmo Swap Day 21	Fut	Electronic	32.75	USD	FRPL				32.75	0.2	USD	FRPL
IPE	ICE Futures	Energy	AUV	Fuel Oil 3.5% FOB Med Cargoes Balmo Swap Day 22	Fut	Electronic	32.75	USD	FRPL				32.75	0.2	USD	FRPL
IPE	ICE Futures	Energy	AUW	Fuel Oil 3.5% FOB Med Cargoes Balmo Swap Day 23	Fut	Electronic	32.75	USD	FRPL				32.75	0.2	USD	FRPL

Exch Code	Exch Desc	Comm Group	Prod Code	Product Desc	F/O	Platform	Trd Fee	Trd Fee Cur	Trd Fee Meth	Clr Fee	Clr Fee Cur	Clr Fee Meth	Fee Total	Brk Fee	Brk Fee Cur	Brk Fee Meth
IPE	ICE Futures	Energy	AUX	Fuel Oil 3.5% FOB Med Cargoes Balmo Swap Day 24	Fut	Electronic	32.75	USD	FRPL				32.75	0.2	USD	FRPL
IPE	ICE Futures	Energy	AUY	Fuel Oil 3.5% FOB Med Cargoes Balmo Swap Day 25	Fut	Electronic	32.75	USD	FRPL				32.75	0.2	USD	FRPL
IPE	ICE Futures	Energy	AUZ	Fuel Oil 3.5% FOB Med Cargoes Balmo Swap Day 26	Fut	Electronic	32.75	USD	FRPL				32.75	0.2	USD	FRPL
IPE	ICE Futures	Energy	AVA	Fuel Oil 3.5% FOB Med Cargoes Balmo Swap Day 27	Fut	Electronic	32.75	USD	FRPL				32.75	0.2	USD	FRPL
IPE	ICE Futures	Energy	AVB	Fuel Oil 3.5% FOB Med Cargoes Balmo Swap Day 28	Fut	Electronic	32.75	USD	FRPL				32.75	0.2	USD	FRPL
IPE	ICE Futures	Energy	AVC	Fuel Oil 3.5% FOB Med Cargoes Balmo Swap Day 29	Fut	Electronic	32.75	USD	FRPL				32.75	0.2	USD	FRPL
IPE	ICE Futures	Energy	AVD	Fuel Oil 3.5% FOB Med Cargoes Balmo Swap Day 30	Fut	Electronic	32.75	USD	FRPL				32.75	0.2	USD	FRPL
IPE	ICE Futures	Energy	AVE	Fuel Oil 3.5% FOB Med Cargoes Balmo Swap Day 31	Fut	Electronic	32.75	USD	FRPL				32.75	0.2	USD	FRPL
IPE	ICE Futures	Energy	AWA	Fuel Oil 1% FOB Rotterdam Barges Balmo Swap Day 1	Fut	Electronic	32.75	USD	FRPL				32.75	0.2	USD	FRPL
IPE	ICE Futures	Energy	AWB	Fuel Oil 1% FOB Rotterdam Barges Balmo Swap Day 2	Fut	Electronic	32.75	USD	FRPL				32.75	0.2	USD	FRPL
IPE	ICE Futures	Energy	AWC	Fuel Oil 1% FOB Rotterdam Barges Balmo Swap Day 3	Fut	Electronic	32.75	USD	FRPL				32.75	0.2	USD	FRPL
IPE	ICE Futures	Energy	AWD	Fuel Oil 1% FOB Rotterdam Barges Balmo Swap Day 4	Fut	Electronic	32.75	USD	FRPL				32.75	0.2	USD	FRPL
IPE	ICE Futures	Energy	AWE	Fuel Oil 1% FOB Rotterdam Barges Balmo Swap Day 5	Fut	Electronic	32.75	USD	FRPL				32.75	0.2	USD	FRPL
IPE	ICE Futures	Energy	AWF	Fuel Oil 1% FOB Rotterdam Barges Balmo Swap Day 6	Fut	Electronic	32.75	USD	FRPL				32.75	0.2	USD	FRPL
IPE	ICE Futures	Energy	AWG	Fuel Oil 1% FOB Rotterdam Barges Balmo Swap Day 7	Fut	Electronic	32.75	USD	FRPL				32.75	0.2	USD	FRPL
IPE	ICE Futures	Energy	AWH	Fuel Oil 1% FOB Rotterdam Barges Balmo Swap Day 8	Fut	Electronic	32.75	USD	FRPL				32.75	0.2	USD	FRPL
IPE	ICE Futures	Energy	AWI	Fuel Oil 1% FOB Rotterdam Barges Balmo Swap Day 9	Fut	Electronic	32.75	USD	FRPL				32.75	0.2	USD	FRPL
IPE	ICE Futures	Energy	AWJ	Fuel Oil 1% FOB Rotterdam Barges Balmo Swap Day 10	Fut	Electronic	32.75	USD	FRPL				32.75	0.2	USD	FRPL
IPE	ICE Futures	Energy	AWK	Fuel Oil 1% FOB Rotterdam Barges Balmo Swap Day 11	Fut	Electronic	32.75	USD	FRPL				32.75	0.2	USD	FRPL
IPE	ICE Futures	Energy	AWL	Fuel Oil 1% FOB Rotterdam Barges Balmo Swap Day 12	Fut	Electronic	32.75	USD	FRPL				32.75	0.2	USD	FRPL
IPE	ICE Futures	Energy	AWM	Fuel Oil 1% FOB Rotterdam Barges Balmo Swap Day 13	Fut	Electronic	32.75	USD	FRPL				32.75	0.2	USD	FRPL
IPE	ICE Futures	Energy	AWN	Fuel Oil 1% FOB Rotterdam Barges Balmo Swap Day 14	Fut	Electronic	32.75	USD	FRPL				32.75	0.2	USD	FRPL
IPE	ICE Futures	Energy	AWO	Fuel Oil 1% FOB Rotterdam Barges Balmo Swap Day 15	Fut	Electronic	32.75	USD	FRPL				32.75	0.2	USD	FRPL
IPE	ICE Futures	Energy	AWP	Fuel Oil 1% FOB Rotterdam Barges Balmo Swap Day 16	Fut	Electronic	32.75	USD	FRPL				32.75	0.2	USD	FRPL
IPE	ICE Futures	Energy	AWQ	Fuel Oil 1% FOB Rotterdam Barges Balmo Swap Day 17	Fut	Electronic	32.75	USD	FRPL				32.75	0.2	USD	FRPL
IPE	ICE Futures	Energy	AWR	Fuel Oil 1% FOB Rotterdam Barges Balmo Swap Day 18	Fut	Electronic	32.75	USD	FRPL				32.75	0.2	USD	FRPL
IPE	ICE Futures	Energy	AWS	Fuel Oil 1% FOB Rotterdam Barges Balmo Swap Day 19	Fut	Electronic	32.75	USD	FRPL				32.75	0.2	USD	FRPL
IPE	ICE Futures	Energy	AWT	Fuel Oil 1% FOB Rotterdam Barges Balmo Swap Day 20	Fut	Electronic	32.75	USD	FRPL				32.75	0.2	USD	FRPL
IPE	ICE Futures	Energy	AWU	Fuel Oil 1% FOB Rotterdam Barges Balmo Swap Day 21	Fut	Electronic	32.75	USD	FRPL				32.75	0.2	USD	FRPL
IPE	ICE Futures	Energy	AWV	Fuel Oil 1% FOB Rotterdam Barges Balmo Swap Day 22	Fut	Electronic	32.75	USD	FRPL				32.75	0.2	USD	FRPL
IPE	ICE Futures	Energy	AWW	Fuel Oil 1% FOB Rotterdam Barges Balmo Swap Day 23	Fut	Electronic	32.75	USD	FRPL				32.75	0.2	USD	FRPL
IPE	ICE Futures	Energy	AWX	Fuel Oil 1% FOB Rotterdam Barges Balmo Swap Day 24	Fut	Electronic	32.75	USD	FRPL				32.75	0.2	USD	FRPL
IPE	ICE Futures	Energy	AWY	Fuel Oil 1% FOB Rotterdam Barges Balmo Swap Day 25	Fut	Electronic	32.75	USD	FRPL				32.75	0.2	USD	FRPL
IPE	ICE Futures	Energy	AWZ	Fuel Oil 1% FOB Rotterdam Barges Balmo Swap Day 26	Fut	Electronic	32.75	USD	FRPL				32.75	0.2	USD	FRPL
IPE	ICE Futures	Energy	AXA	Fuel Oil 1% FOB Rotterdam Barges Balmo Swap Day 27	Fut	Electronic	32.75	USD	FRPL				32.75	0.2	USD	FRPL
IPE	ICE Futures	Energy	AXB	Fuel Oil 1% FOB Rotterdam Barges Balmo Swap Day 28	Fut	Electronic	32.75	USD	FRPL				32.75	0.2	USD	FRPL
IPE	ICE Futures	Energy	AXC	Fuel Oil 1% FOB Rotterdam Barges Balmo Swap Day 29	Fut	Electronic	32.75	USD	FRPL				32.75	0.2	USD	FRPL
IPE	ICE Futures	Energy	AXD	Fuel Oil 1% FOB Rotterdam Barges Balmo Swap Day 30	Fut	Electronic	32.75	USD	FRPL				32.75	0.2	USD	FRPL
IPE	ICE Futures	Energy	AXE	Fuel Oil 1% FOB Rotterdam Barges Balmo Swap Day 31	Fut	Electronic	32.75	USD	FRPL				32.75	0.2	USD	FRPL
IPE	ICE Futures	Energy	AYA	Argus Euro-Bob Oxy FOB Rotterdam Barges Balmo Swap Day 1	Fut	Electronic	42.65	USD	FRPL				42.65	0.2	USD	FRPL
IPE	ICE Futures	Energy	AYB	Argus Euro-Bob Oxy FOB Rotterdam Barges Balmo Swap Day 2	Fut	Electronic	42.65	USD	FRPL				42.65	0.2	USD	FRPL
IPE	ICE Futures	Energy	AYC	Argus Euro-Bob Oxy FOB Rotterdam Barges Balmo Swap Day 3	Fut	Electronic	42.65	USD	FRPL				42.65	0.2	USD	FRPL
IPE	ICE Futures	Energy	AYD	Argus Euro-Bob Oxy FOB Rotterdam Barges Balmo Swap Day 4	Fut	Electronic	42.65	USD	FRPL				42.65	0.2	USD	FRPL
IPE	ICE Futures	Energy	AYE	Argus Euro-Bob Oxy FOB Rotterdam Barges Balmo Swap Day 5	Fut	Electronic	42.65	USD	FRPL				42.65	0.2	USD	FRPL
IPE	ICE Futures	Energy	AYF	Argus Euro-Bob Oxy FOB Rotterdam Barges Balmo Swap Day 6	Fut	Electronic	42.65	USD	FRPL				42.65	0.2	USD	FRPL
IPE	ICE Futures	Energy	AYG	Argus Euro-Bob Oxy FOB Rotterdam Barges Balmo Swap Day 7	Fut	Electronic	42.65	USD	FRPL				42.65	0.2	USD	FRPL
IPE	ICE Futures	Energy	AYH	Argus Euro-Bob Oxy FOB Rotterdam Barges Balmo Swap Day 8	Fut	Electronic	42.65	USD	FRPL				42.65	0.2	USD	FRPL
IPE	ICE Futures	Energy	AYI	Argus Euro-Bob Oxy FOB Rotterdam Barges Balmo Swap Day 9	Fut	Electronic	42.65	USD	FRPL				42.65	0.2	USD	FRPL
IPE	ICE Futures	Energy	AYJ	Argus Euro-Bob Oxy FOB Rotterdam Barges Balmo Swap Day 10	Fut	Electronic	42.65	USD	FRPL				42.65	0.2	USD	FRPL

Exch Code	Exch Desc	Comm Group	Prod Code	Product Desc	F/O	Platform	Trd Fee	Trd Fee Cur	Trd Fee Meth	Clr Fee	Clr Fee Cur	Clr Fee Meth	Fee Total	Brk Fee	Brk Fee Cur	Brk Fee Meth
IPE	ICE Futures	Energy	AYK	Argus Euro-Bob Oxy FOB Rotterdam Barges Balmo Swap Day 11	Fut	Electronic	42.65	USD	FRPL				42.65	0.2	USD	FRPL
IPE	ICE Futures	Energy	AYL	Argus Euro-Bob Oxy FOB Rotterdam Barges Balmo Swap Day 12	Fut	Electronic	42.65	USD	FRPL				42.65	0.2	USD	FRPL
IPE	ICE Futures	Energy	AYM	Argus Euro-Bob Oxy FOB Rotterdam Barges Balmo Swap Day 13	Fut	Electronic	42.65	USD	FRPL				42.65	0.2	USD	FRPL
IPE	ICE Futures	Energy	AYN	Argus Euro-Bob Oxy FOB Rotterdam Barges Balmo Swap Day 14	Fut	Electronic	42.65	USD	FRPL				42.65	0.2	USD	FRPL
IPE	ICE Futures	Energy	AYO	Argus Euro-Bob Oxy FOB Rotterdam Barges Balmo Swap Day 15	Fut	Electronic	42.65	USD	FRPL				42.65	0.2	USD	FRPL
IPE	ICE Futures	Energy	AYP	Argus Euro-Bob Oxy FOB Rotterdam Barges Balmo Swap Day 16	Fut	Electronic	42.65	USD	FRPL				42.65	0.2	USD	FRPL
IPE	ICE Futures	Energy	AYQ	Argus Euro-Bob Oxy FOB Rotterdam Barges Balmo Swap Day 17	Fut	Electronic	42.65	USD	FRPL				42.65	0.2	USD	FRPL
IPE	ICE Futures	Energy	AYR	Argus Euro-Bob Oxy FOB Rotterdam Barges Balmo Swap Day 18	Fut	Electronic	42.65	USD	FRPL				42.65	0.2	USD	FRPL
IPE	ICE Futures	Energy	AYS	Argus Euro-Bob Oxy FOB Rotterdam Barges Balmo Swap Day 19	Fut	Electronic	42.65	USD	FRPL				42.65	0.2	USD	FRPL
IPE	ICE Futures	Energy	AYT	Argus Euro-Bob Oxy FOB Rotterdam Barges Balmo Swap Day 20	Fut	Electronic	42.65	USD	FRPL				42.65	0.2	USD	FRPL
IPE	ICE Futures	Energy	AYU	Argus Euro-Bob Oxy FOB Rotterdam Barges Balmo Swap Day 21	Fut	Electronic	42.65	USD	FRPL				42.65	0.2	USD	FRPL
IPE	ICE Futures	Energy	AYV	Argus Euro-Bob Oxy FOB Rotterdam Barges Balmo Swap Day 22	Fut	Electronic	42.65	USD	FRPL				42.65	0.2	USD	FRPL
IPE	ICE Futures	Energy	AYW	Argus Euro-Bob Oxy FOB Rotterdam Barges Balmo Swap Day 23	Fut	Electronic	42.65	USD	FRPL				42.65	0.2	USD	FRPL
IPE	ICE Futures	Energy	AYX	Argus Euro-Bob Oxy FOB Rotterdam Barges Balmo Swap Day 24	Fut	Electronic	42.65	USD	FRPL				42.65	0.2	USD	FRPL
IPE	ICE Futures	Energy	AYY	Argus Euro-Bob Oxy FOB Rotterdam Barges Balmo Swap Day 25	Fut	Electronic	42.65	USD	FRPL				42.65	0.2	USD	FRPL
IPE	ICE Futures	Energy	AYZ	Argus Euro-Bob Oxy FOB Rotterdam Barges Balmo Swap Day 26	Fut	Electronic	42.65	USD	FRPL				42.65	0.2	USD	FRPL
IPE	ICE Futures	Energy	AZA	Argus Euro-Bob Oxy FOB Rotterdam Barges Balmo Swap Day 27	Fut	Electronic	42.65	USD	FRPL				42.65	0.2	USD	FRPL
IPE	ICE Futures	Energy	AZB	Argus Euro-Bob Oxy FOB Rotterdam Barges Balmo Swap Day 28	Fut	Electronic	42.65	USD	FRPL				42.65	0.2	USD	FRPL
IPE	ICE Futures	Energy	AZC	Argus Euro-Bob Oxy FOB Rotterdam Barges Balmo Swap Day 29	Fut	Electronic	42.65	USD	FRPL				42.65	0.2	USD	FRPL
IPE	ICE Futures	Energy	AZD	Argus Euro-Bob Oxy FOB Rotterdam Barges Balmo Swap Day 30	Fut	Electronic	42.65	USD	FRPL				42.65	0.2	USD	FRPL
IPE	ICE Futures	Energy	AZE	Argus Euro-Bob Oxy FOB Rotterdam Barges Balmo Swap Day 31	Fut	Electronic	42.65	USD	FRPL				42.65	0.2	USD	FRPL
IPE	ICE Futures	Energy	B	Brent Crude Monthly	Fut	Electronic	0.82	USD	FRPL				0.82	0.2	USD	FRPL
IPE	ICE Futures	Energy	B	Brent Crude	Opt	Electronic	0.82	USD	FRPL				0.82	0.15	EUR	FRPL
IPE	ICE Futures	Energy	BAM	Fuel Oil Mini 3.5% FOB Rotterdam Barges Swap	Fut	Electronic	3.27	USD	FRPL				3.27	0.2	USD	FRPL
IPE	ICE Futures	Energy	BAR	Fuel Oil 3.5% FOB Rotterdam Barges Swap	Fut	Electronic	32.75	USD	FRPL				32.75	0.2	USD	FRPL
IPE	ICE Futures	Energy	BAR	Fuel Oil 3.5% FOB Rotterdam Barges Swap	Opt	Electronic	32.75	USD	FRPL				32.75	0.15	EUR	FRPL
IPE	ICE Futures	Energy	BBA	Dated Brent vs Brent 1st Line Balmo Swap Day 1	Fut	Electronic	2.59	USD	FRPL				2.59	0.2	USD	FRPL
IPE	ICE Futures	Energy	BBB	Dated Brent vs Brent 1st Line Balmo Swap Day 2	Fut	Electronic	2.59	USD	FRPL				2.59	0.2	USD	FRPL
IPE	ICE Futures	Energy	BBC	Dated Brent vs Brent 1st Line Balmo Swap Day 3	Fut	Electronic	2.59	USD	FRPL				2.59	0.2	USD	FRPL
IPE	ICE Futures	Energy	BBD	Dated Brent vs Brent 1st Line Balmo Swap Day 4	Fut	Electronic	2.59	USD	FRPL				2.59	0.2	USD	FRPL
IPE	ICE Futures	Energy	BBE	Dated Brent vs Brent 1st Line Balmo Swap Day 5	Fut	Electronic	2.59	USD	FRPL				2.59	0.2	USD	FRPL
IPE	ICE Futures	Energy	BBF	Dated Brent vs Brent 1st Line Balmo Swap Day 6	Fut	Electronic	2.59	USD	FRPL				2.59	0.2	USD	FRPL
IPE	ICE Futures	Energy	BBG	Dated Brent vs Brent 1st Line Balmo Swap Day 7	Fut	Electronic	2.59	USD	FRPL				2.59	0.2	USD	FRPL
IPE	ICE Futures	Energy	BBH	Dated Brent vs Brent 1st Line Balmo Swap Day 8	Fut	Electronic	2.59	USD	FRPL				2.59	0.2	USD	FRPL
IPE	ICE Futures	Energy	BBI	Dated Brent vs Brent 1st Line Balmo Swap Day 9	Fut	Electronic	2.59	USD	FRPL				2.59	0.2	USD	FRPL
IPE	ICE Futures	Energy	BBJ	Dated Brent vs Brent 1st Line Balmo Swap Day 10	Fut	Electronic	2.59	USD	FRPL				2.59	0.2	USD	FRPL
IPE	ICE Futures	Energy	BBK	Dated Brent vs Brent 1st Line Balmo Swap Day 11	Fut	Electronic	2.59	USD	FRPL				2.59	0.2	USD	FRPL
IPE	ICE Futures	Energy	BBL	Dated Brent vs Brent 1st Line Balmo Swap Day 12	Fut	Electronic	2.59	USD	FRPL				2.59	0.2	USD	FRPL

Exch Code	Exch Desc	Comm Group	Prod Code	Product Desc	F/O	Platform	Trd Fee	Trd Fee Cur	Trd Fee Meth	Clr Fee	Clr Fee Cur	Clr Fee Meth	Fee Total	Brk Fee	Brk Fee Cur	Brk Fee Meth
IPE	ICE Futures	Energy	BBM	Dated Brent vs Brent 1st Line Balmo Swap Day 13	Fut	Electronic	2.59	USD	FRPL				2.59	0.2	USD	FRPL
IPE	ICE Futures	Energy	BBN	Dated Brent vs Brent 1st Line Balmo Swap Day 14	Fut	Electronic	2.59	USD	FRPL				2.59	0.2	USD	FRPL
IPE	ICE Futures	Energy	BBO	Dated Brent vs Brent 1st Line Balmo Swap Day 15	Fut	Electronic	2.59	USD	FRPL				2.59	0.2	USD	FRPL
IPE	ICE Futures	Energy	BBP	Dated Brent vs Brent 1st Line Balmo Swap Day 16	Fut	Electronic	2.59	USD	FRPL				2.59	0.2	USD	FRPL
IPE	ICE Futures	Energy	BBQ	Dated Brent vs Brent 1st Line Balmo Swap Day 17	Fut	Electronic	2.59	USD	FRPL				2.59	0.2	USD	FRPL
IPE	ICE Futures	Energy	BBR	Dated Brent vs Brent 1st Line Balmo Swap Day 18	Fut	Electronic	2.59	USD	FRPL				2.59	0.2	USD	FRPL
IPE	ICE Futures	Energy	BBS	Dated Brent vs Brent 1st Line Balmo Swap Day 19	Fut	Electronic	2.59	USD	FRPL				2.59	0.2	USD	FRPL
IPE	ICE Futures	Energy	BBT	Dated Brent vs Brent 1st Line Balmo Swap Day 20	Fut	Electronic	2.59	USD	FRPL				2.59	0.2	USD	FRPL
IPE	ICE Futures	Energy	BBU	Dated Brent vs Brent 1st Line Balmo Swap Day 21	Fut	Electronic	2.59	USD	FRPL				2.59	0.2	USD	FRPL
IPE	ICE Futures	Energy	BBV	Dated Brent vs Brent 1st Line Balmo Swap Day 22	Fut	Electronic	2.59	USD	FRPL				2.59	0.2	USD	FRPL
IPE	ICE Futures	Energy	BBW	Dated Brent vs Brent 1st Line Balmo Swap Day 23	Fut	Electronic	2.59	USD	FRPL				2.59	0.2	USD	FRPL
IPE	ICE Futures	Energy	BBX	Dated Brent vs Brent 1st Line Balmo Swap Day 24	Fut	Electronic	2.59	USD	FRPL				2.59	0.2	USD	FRPL
IPE	ICE Futures	Energy	BBY	Dated Brent vs Brent 1st Line Balmo Swap Day 25	Fut	Electronic	2.59	USD	FRPL				2.59	0.2	USD	FRPL
IPE	ICE Futures	Energy	BBZ	Dated Brent vs Brent 1st Line Balmo Swap Day 26	Fut	Electronic	2.59	USD	FRPL				2.59	0.2	USD	FRPL
IPE	ICE Futures	Energy	BCA	Dated Brent vs Brent 1st Line Balmo Swap Day 27	Fut	Electronic	2.59	USD	FRPL				2.59	0.2	USD	FRPL
IPE	ICE Futures	Energy	BCB	Dated Brent vs Brent 1st Line Balmo Swap Day 28	Fut	Electronic	2.59	USD	FRPL				2.59	0.2	USD	FRPL
IPE	ICE Futures	Energy	BCC	Dated Brent vs Brent 1st Line Balmo Swap Day 29	Fut	Electronic	2.59	USD	FRPL				2.59	0.2	USD	FRPL
IPE	ICE Futures	Energy	BCD	Dated Brent vs Brent 1st Line Balmo Swap Day 30	Fut	Electronic	2.59	USD	FRPL				2.59	0.2	USD	FRPL
IPE	ICE Futures	Energy	BCE	Dated Brent vs Brent 1st Line Balmo Swap Day 31	Fut	Electronic	2.59	USD	FRPL				2.59	0.2	USD	FRPL
IPE	ICE Futures	Energy	BHA	Fuel Oil 3.5% CIF Med Cargoes Balmo Swap Day 1	Fut	Electronic	32.75	USD	FRPL				32.75	0.2	USD	FRPL
IPE	ICE Futures	Energy	BHB	Fuel Oil 3.5% CIF Med Cargoes Balmo Swap Day 2	Fut	Electronic	32.75	USD	FRPL				32.75	0.2	USD	FRPL
IPE	ICE Futures	Energy	BHC	Fuel Oil 3.5% CIF Med Cargoes Balmo Swap Day 3	Fut	Electronic	32.75	USD	FRPL				32.75	0.2	USD	FRPL
IPE	ICE Futures	Energy	BHD	Fuel Oil 3.5% CIF Med Cargoes Balmo Swap Day 4	Fut	Electronic	32.75	USD	FRPL				32.75	0.2	USD	FRPL
IPE	ICE Futures	Energy	BHE	Fuel Oil 3.5% CIF Med Cargoes Balmo Swap Day 5	Fut	Electronic	32.75	USD	FRPL				32.75	0.2	USD	FRPL
IPE	ICE Futures	Energy	BHF	Fuel Oil 3.5% CIF Med Cargoes Balmo Swap Day 6	Fut	Electronic	32.75	USD	FRPL				32.75	0.2	USD	FRPL
IPE	ICE Futures	Energy	BHG	Fuel Oil 3.5% CIF Med Cargoes Balmo Swap Day 7	Fut	Electronic	32.75	USD	FRPL				32.75	0.2	USD	FRPL
IPE	ICE Futures	Energy	BHH	Fuel Oil 3.5% CIF Med Cargoes Balmo Swap Day 8	Fut	Electronic	32.75	USD	FRPL				32.75	0.2	USD	FRPL
IPE	ICE Futures	Energy	BHI	Fuel Oil 3.5% CIF Med Cargoes Balmo Swap Day 9	Fut	Electronic	32.75	USD	FRPL				32.75	0.2	USD	FRPL
IPE	ICE Futures	Energy	BHJ	Fuel Oil 3.5% CIF Med Cargoes Balmo Swap Day 10	Fut	Electronic	32.75	USD	FRPL				32.75	0.2	USD	FRPL
IPE	ICE Futures	Energy	BHK	Fuel Oil 3.5% CIF Med Cargoes Balmo Swap Day 11	Fut	Electronic	32.75	USD	FRPL				32.75	0.2	USD	FRPL
IPE	ICE Futures	Energy	BHL	Fuel Oil 3.5% CIF Med Cargoes Balmo Swap Day 12	Fut	Electronic	32.75	USD	FRPL				32.75	0.2	USD	FRPL
IPE	ICE Futures	Energy	BHM	Fuel Oil 3.5% CIF Med Cargoes Balmo Swap Day 13	Fut	Electronic	32.75	USD	FRPL				32.75	0.2	USD	FRPL
IPE	ICE Futures	Energy	BHN	Fuel Oil 3.5% CIF Med Cargoes Balmo Swap Day 14	Fut	Electronic	32.75	USD	FRPL				32.75	0.2	USD	FRPL
IPE	ICE Futures	Energy	BHO	Fuel Oil 3.5% CIF Med Cargoes Balmo Swap Day 15	Fut	Electronic	32.75	USD	FRPL				32.75	0.2	USD	FRPL
IPE	ICE Futures	Energy	BHP	Fuel Oil 3.5% CIF Med Cargoes Balmo Swap Day 16	Fut	Electronic	32.75	USD	FRPL				32.75	0.2	USD	FRPL
IPE	ICE Futures	Energy	BHQ	Fuel Oil 3.5% CIF Med Cargoes Balmo Swap Day 17	Fut	Electronic	32.75	USD	FRPL				32.75	0.2	USD	FRPL
IPE	ICE Futures	Energy	BHR	Fuel Oil 3.5% CIF Med Cargoes Balmo Swap Day 18	Fut	Electronic	32.75	USD	FRPL				32.75	0.2	USD	FRPL
IPE	ICE Futures	Energy	BHS	Fuel Oil 3.5% CIF Med Cargoes Balmo Swap Day 19	Fut	Electronic	32.75	USD	FRPL				32.75	0.2	USD	FRPL
IPE	ICE Futures	Energy	BHT	Fuel Oil 3.5% CIF Med Cargoes Balmo Swap Day 20	Fut	Electronic	32.75	USD	FRPL				32.75	0.2	USD	FRPL
IPE	ICE Futures	Energy	BHU	Fuel Oil 3.5% CIF Med Cargoes Balmo Swap Day 21	Fut	Electronic	32.75	USD	FRPL				32.75	0.2	USD	FRPL
IPE	ICE Futures	Energy	BHV	Fuel Oil 3.5% CIF Med Cargoes Balmo Swap Day 22	Fut	Electronic	32.75	USD	FRPL				32.75	0.2	USD	FRPL
IPE	ICE Futures	Energy	BHW	Fuel Oil 3.5% CIF Med Cargoes Balmo Swap Day 23	Fut	Electronic	32.75	USD	FRPL				32.75	0.2	USD	FRPL
IPE	ICE Futures	Energy	BHX	Fuel Oil 3.5% CIF Med Cargoes Balmo Swap Day 24	Fut	Electronic	32.75	USD	FRPL				32.75	0.2	USD	FRPL
IPE	ICE Futures	Energy	BHY	Fuel Oil 3.5% CIF Med Cargoes Balmo Swap Day 25	Fut	Electronic	32.75	USD	FRPL				32.75	0.2	USD	FRPL
IPE	ICE Futures	Energy	BHZ	Fuel Oil 3.5% CIF Med Cargoes Balmo Swap Day 26	Fut	Electronic	32.75	USD	FRPL				32.75	0.2	USD	FRPL
IPE	ICE Futures	Energy	BIA	Fuel Oil 3.5% CIF Med Cargoes Balmo Swap Day 27	Fut	Electronic	32.75	USD	FRPL				32.75	0.2	USD	FRPL
IPE	ICE Futures	Energy	BIB	Fuel Oil 3.5% CIF Med Cargoes Balmo Swap Day 28	Fut	Electronic	32.75	USD	FRPL				32.75	0.2	USD	FRPL
IPE	ICE Futures	Energy	BIC	Fuel Oil 3.5% CIF Med Cargoes Balmo Swap Day 29	Fut	Electronic	32.75	USD	FRPL				32.75	0.2	USD	FRPL
IPE	ICE Futures	Energy	BID	Fuel Oil 3.5% CIF Med Cargoes Balmo Swap Day 30	Fut	Electronic	32.75	USD	FRPL				32.75	0.2	USD	FRPL
IPE	ICE Futures	Energy	BIE	Fuel Oil 3.5% CIF Med Cargoes Balmo Swap Day 31	Fut	Electronic	32.75	USD	FRPL				32.75	0.2	USD	FRPL
IPE	ICE Futures	Energy	BJA	Fuel Oil 380 CST Singapore Balmo Swap Day 1	Fut	Electronic	32.75	USD	FRPL				32.75	0.2	USD	FRPL
IPE	ICE Futures	Energy	BJB	Fuel Oil 380 CST Singapore Balmo Swap Day 2	Fut	Electronic	32.75	USD	FRPL				32.75	0.2	USD	FRPL
IPE	ICE Futures	Energy	BJC	Fuel Oil 380 CST Singapore Balmo Swap Day 3	Fut	Electronic	32.75	USD	FRPL				32.75	0.2	USD	FRPL
IPE	ICE Futures	Energy	BJD	Fuel Oil 380 CST Singapore Balmo Swap Day 4	Fut	Electronic	32.75	USD	FRPL				32.75	0.2	USD	FRPL
IPE	ICE Futures	Energy	BJE	Fuel Oil 380 CST Singapore Balmo Swap Day 5	Fut	Electronic	32.75	USD	FRPL				32.75	0.2	USD	FRPL
IPE	ICE Futures	Energy	BJF	Fuel Oil 380 CST Singapore Balmo Swap Day 6	Fut	Electronic	32.75	USD	FRPL				32.75	0.2	USD	FRPL
IPE	ICE Futures	Energy	BJG	Fuel Oil 380 CST Singapore Balmo Swap Day 7	Fut	Electronic	32.75	USD	FRPL				32.75	0.2	USD	FRPL
IPE	ICE Futures	Energy	BJH	Fuel Oil 380 CST Singapore Balmo Swap Day 8	Fut	Electronic	32.75	USD	FRPL				32.75	0.2	USD	FRPL
IPE	ICE Futures	Energy	BJI	Fuel Oil 380 CST Singapore Balmo Swap Day 9	Fut	Electronic	32.75	USD	FRPL				32.75	0.2	USD	FRPL

Exch Code	Exch Desc	Comm Group	Prod Code	Product Desc	F/O	Platform	Trd Fee	Trd Fee Cur	Trd Fee Meth	Clr Fee	Clr Fee Cur	Clr Fee Meth	Fee Total	Brk Fee	Brk Fee Cur	Brk Fee Meth
IPE	ICE Futures	Energy	BJJ	Fuel Oil 380 CST Singapore Balmo Swap Day 10	Fut	Electronic	32.75	USD	FRPL				32.75	0.2	USD	FRPL
IPE	ICE Futures	Energy	BJK	Fuel Oil 380 CST Singapore Balmo Swap Day 11	Fut	Electronic	32.75	USD	FRPL				32.75	0.2	USD	FRPL
IPE	ICE Futures	Energy	BJL	Fuel Oil 380 CST Singapore Balmo Swap Day 12	Fut	Electronic	32.75	USD	FRPL				32.75	0.2	USD	FRPL
IPE	ICE Futures	Energy	BJM	Fuel Oil 380 CST Singapore Balmo Swap Day 13	Fut	Electronic	32.75	USD	FRPL				32.75	0.2	USD	FRPL
IPE	ICE Futures	Energy	BJN	Fuel Oil 380 CST Singapore Balmo Swap Day 14	Fut	Electronic	32.75	USD	FRPL				32.75	0.2	USD	FRPL
IPE	ICE Futures	Energy	BJO	Fuel Oil 380 CST Singapore Balmo Swap Day 15	Fut	Electronic	32.75	USD	FRPL				32.75	0.2	USD	FRPL
IPE	ICE Futures	Energy	BJP	Fuel Oil 380 CST Singapore Balmo Swap Day 16	Fut	Electronic	32.75	USD	FRPL				32.75	0.2	USD	FRPL
IPE	ICE Futures	Energy	BJQ	Fuel Oil 380 CST Singapore Balmo Swap Day 17	Fut	Electronic	32.75	USD	FRPL				32.75	0.2	USD	FRPL
IPE	ICE Futures	Energy	BJR	Fuel Oil 380 CST Singapore Balmo Swap Day 18	Fut	Electronic	32.75	USD	FRPL				32.75	0.2	USD	FRPL
IPE	ICE Futures	Energy	BJS	Fuel Oil 380 CST Singapore Balmo Swap Day 19	Fut	Electronic	32.75	USD	FRPL				32.75	0.2	USD	FRPL
IPE	ICE Futures	Energy	BJT	Fuel Oil 380 CST Singapore Balmo Swap Day 20	Fut	Electronic	32.75	USD	FRPL				32.75	0.2	USD	FRPL
IPE	ICE Futures	Energy	BJU	Fuel Oil 380 CST Singapore Balmo Swap Day 21	Fut	Electronic	32.75	USD	FRPL				32.75	0.2	USD	FRPL
IPE	ICE Futures	Energy	BJV	Fuel Oil 380 CST Singapore Balmo Swap Day 22	Fut	Electronic	32.75	USD	FRPL				32.75	0.2	USD	FRPL
IPE	ICE Futures	Energy	BJW	Fuel Oil 380 CST Singapore Balmo Swap Day 23	Fut	Electronic	32.75	USD	FRPL				32.75	0.2	USD	FRPL
IPE	ICE Futures	Energy	BJX	Fuel Oil 380 CST Singapore Balmo Swap Day 24	Fut	Electronic	32.75	USD	FRPL				32.75	0.2	USD	FRPL
IPE	ICE Futures	Energy	BJY	Fuel Oil 380 CST Singapore Balmo Swap Day 25	Fut	Electronic	32.75	USD	FRPL				32.75	0.2	USD	FRPL
IPE	ICE Futures	Energy	BJZ	Fuel Oil 380 CST Singapore Balmo Swap Day 26	Fut	Electronic	32.75	USD	FRPL				32.75	0.2	USD	FRPL
IPE	ICE Futures	Energy	BKA	Fuel Oil 380 CST Singapore Balmo Swap Day 27	Fut	Electronic	32.75	USD	FRPL				32.75	0.2	USD	FRPL
IPE	ICE Futures	Energy	BKB	Fuel Oil 380 CST Singapore Balmo Swap Day 28	Fut	Electronic	32.75	USD	FRPL				32.75	0.2	USD	FRPL
IPE	ICE Futures	Energy	BKC	Fuel Oil 380 CST Singapore Balmo Swap Day 29	Fut	Electronic	32.75	USD	FRPL				32.75	0.2	USD	FRPL
IPE	ICE Futures	Energy	BKD	Fuel Oil 380 CST Singapore Balmo Swap Day 30	Fut	Electronic	32.75	USD	FRPL				32.75	0.2	USD	FRPL
IPE	ICE Futures	Energy	BKE	Fuel Oil 380 CST Singapore Balmo Swap Day 31	Fut	Electronic	32.75	USD	FRPL				32.75	0.2	USD	FRPL
IPE	ICE Futures	Energy	BLA	Fuel Oil 180 CST Singapore Balmo Swap Day 1	Fut	Electronic	32.75	USD	FRPL				32.75	0.2	USD	FRPL
IPE	ICE Futures	Energy	BLB	Fuel Oil 180 CST Singapore Balmo Swap Day 2	Fut	Electronic	32.75	USD	FRPL				32.75	0.2	USD	FRPL
IPE	ICE Futures	Energy	BLC	Fuel Oil 180 CST Singapore Balmo Swap Day 3	Fut	Electronic	32.75	USD	FRPL				32.75	0.2	USD	FRPL
IPE	ICE Futures	Energy	BLD	Fuel Oil 180 CST Singapore Balmo Swap Day 4	Fut	Electronic	32.75	USD	FRPL				32.75	0.2	USD	FRPL
IPE	ICE Futures	Energy	BLE	Fuel Oil 180 CST Singapore Balmo Swap Day 5	Fut	Electronic	32.75	USD	FRPL				32.75	0.2	USD	FRPL
IPE	ICE Futures	Energy	BLF	Fuel Oil 180 CST Singapore Balmo Swap Day 6	Fut	Electronic	32.75	USD	FRPL				32.75	0.2	USD	FRPL
IPE	ICE Futures	Energy	BLG	Fuel Oil 180 CST Singapore Balmo Swap Day 7	Fut	Electronic	32.75	USD	FRPL				32.75	0.2	USD	FRPL
IPE	ICE Futures	Energy	BLH	Fuel Oil 180 CST Singapore Balmo Swap Day 8	Fut	Electronic	32.75	USD	FRPL				32.75	0.2	USD	FRPL
IPE	ICE Futures	Energy	BLI	Fuel Oil 180 CST Singapore Balmo Swap Day 9	Fut	Electronic	32.75	USD	FRPL				32.75	0.2	USD	FRPL
IPE	ICE Futures	Energy	BLJ	Fuel Oil 180 CST Singapore Balmo Swap Day 10	Fut	Electronic	32.75	USD	FRPL				32.75	0.2	USD	FRPL
IPE	ICE Futures	Energy	BLK	Fuel Oil 180 CST Singapore Balmo Swap Day 11	Fut	Electronic	32.75	USD	FRPL				32.75	0.2	USD	FRPL
IPE	ICE Futures	Energy	BLL	Fuel Oil 180 CST Singapore Balmo Swap Day 12	Fut	Electronic	32.75	USD	FRPL				32.75	0.2	USD	FRPL
IPE	ICE Futures	Energy	BLM	Fuel Oil 180 CST Singapore Balmo Swap Day 13	Fut	Electronic	32.75	USD	FRPL				32.75	0.2	USD	FRPL
IPE	ICE Futures	Energy	BLN	Fuel Oil 180 CST Singapore Balmo Swap Day 14	Fut	Electronic	32.75	USD	FRPL				32.75	0.2	USD	FRPL
IPE	ICE Futures	Energy	BLO	Fuel Oil 180 CST Singapore Balmo Swap Day 15	Fut	Electronic	32.75	USD	FRPL				32.75	0.2	USD	FRPL
IPE	ICE Futures	Energy	BLP	Fuel Oil 180 CST Singapore Balmo Swap Day 16	Fut	Electronic	32.75	USD	FRPL				32.75	0.2	USD	FRPL
IPE	ICE Futures	Energy	BLQ	Fuel Oil 180 CST Singapore Balmo Swap Day 17	Fut	Electronic	32.75	USD	FRPL				32.75	0.2	USD	FRPL
IPE	ICE Futures	Energy	BLR	Fuel Oil 180 CST Singapore Balmo Swap Day 18	Fut	Electronic	32.75	USD	FRPL				32.75	0.2	USD	FRPL
IPE	ICE Futures	Energy	BLS	Fuel Oil 180 CST Singapore Balmo Swap Day 19	Fut	Electronic	32.75	USD	FRPL				32.75	0.2	USD	FRPL
IPE	ICE Futures	Energy	BLT	Fuel Oil 180 CST Singapore Balmo Swap Day 20	Fut	Electronic	32.75	USD	FRPL				32.75	0.2	USD	FRPL
IPE	ICE Futures	Energy	BLU	Fuel Oil 180 CST Singapore Balmo Swap Day 21	Fut	Electronic	32.75	USD	FRPL				32.75	0.2	USD	FRPL
IPE	ICE Futures	Energy	BLV	Fuel Oil 180 CST Singapore Balmo Swap Day 22	Fut	Electronic	32.75	USD	FRPL				32.75	0.2	USD	FRPL
IPE	ICE Futures	Energy	BLW	Fuel Oil 180 CST Singapore Balmo Swap Day 23	Fut	Electronic	32.75	USD	FRPL				32.75	0.2	USD	FRPL
IPE	ICE Futures	Energy	BLX	Fuel Oil 180 CST Singapore Balmo Swap Day 24	Fut	Electronic	32.75	USD	FRPL				32.75	0.2	USD	FRPL
IPE	ICE Futures	Energy	BLY	Fuel Oil 180 CST Singapore Balmo Swap Day 25	Fut	Electronic	32.75	USD	FRPL				32.75	0.2	USD	FRPL
IPE	ICE Futures	Energy	BLZ	Fuel Oil 180 CST Singapore Balmo Swap Day 26	Fut	Electronic	32.75	USD	FRPL				32.75	0.2	USD	FRPL
IPE	ICE Futures	Energy	BMA	Fuel Oil 180 CST Singapore Balmo Swap Day 27	Fut	Electronic	32.75	USD	FRPL				32.75	0.2	USD	FRPL
IPE	ICE Futures	Energy	BMB	Fuel Oil 180 CST Singapore Balmo Swap Day 28	Fut	Electronic	32.75	USD	FRPL				32.75	0.2	USD	FRPL
IPE	ICE Futures	Energy	BMC	Fuel Oil 180 CST Singapore Balmo Swap Day 29	Fut	Electronic	32.75	USD	FRPL				32.75	0.2	USD	FRPL
IPE	ICE Futures	Energy	BMD	Fuel Oil 180 CST Singapore Balmo Swap Day 30	Fut	Electronic	32.75	USD	FRPL				32.75	0.2	USD	FRPL
IPE	ICE Futures	Energy	BME	Fuel Oil 180 CST Singapore Balmo Swap Day 31	Fut	Electronic	32.75	USD	FRPL				32.75	0.2	USD	FRPL
IPE	ICE Futures	Energy	BNB	Brent Bullet Swap	Fut	Electronic	2.59	USD	FRPL				2.59	0.2	USD	FRPL
IPE	ICE Futures	Energy	BNL	Brent NX 1st Line Swap	Fut	Electronic	2.59	USD	FRPL				2.59	0.2	USD	FRPL
IPE	ICE Futures	Energy	BNL	Brent NX 1st Line Swap	Opt	Electronic	2.59	USD	FRPL				2.59	0.15	EUR	FRPL
IPE	ICE Futures	Energy	BNU	Gulf Coast Jet Fuel vs Brent NX 1st Line Swap	Fut	Electronic	5.09	USD	FRPL				5.09	0.2	USD	FRPL
IPE	ICE Futures	Energy	BNX	Brent NX Crude	Fut	Electronic	0.82	USD	FRPL				0.82	0.2	USD	FRPL
IPE	ICE Futures	Energy	BNX	Brent NX Crude	Opt	Electronic	0.82	USD	FRPL				0.82	0.15	EUR	FRPL

Exch Code	Exch Desc	Comm Group	Prod Code	Product Desc	F/O	Platform	Trd Fee	Trd Fee Cur	Trd Fee Meth	Clr Fee	Clr Fee Cur	Clr Fee Meth	Fee Total	Brk Fee	Brk Fee Cur	Brk Fee Meth
IPE	ICE Futures	Energy	BOA	Fuel Oil 3.5% FOB Rotterdam Barges vs Brent 1st Line Swap	Fut	Electronic	5.09	USD	FRPL				5.09	0.2	USD	FRPL
IPE	ICE Futures	Energy	BOB	Fuel Oil 3.5% FOB Rotterdam Barges vs Brent 1st Line Swap	Fut	Electronic	32.75	USD	FRPL				32.75	0.2	USD	FRPL
IPE	ICE Futures	Energy	BOD	Brent 1st Line vs Dubai 1st Line Swap	Fut	Electronic	2.59	USD	FRPL				2.59	0.2	USD	FRPL
IPE	ICE Futures	Energy	BQA	Singapore Jet Kerosene Balmo Swap Day 1	Fut	Electronic	5.09	USD	FRPL				5.09	0.2	USD	FRPL
IPE	ICE Futures	Energy	BQB	Singapore Jet Kerosene Balmo Swap Day 2	Fut	Electronic	5.09	USD	FRPL				5.09	0.2	USD	FRPL
IPE	ICE Futures	Energy	BQC	Singapore Jet Kerosene Balmo Swap Day 3	Fut	Electronic	5.09	USD	FRPL				5.09	0.2	USD	FRPL
IPE	ICE Futures	Energy	BQD	Singapore Jet Kerosene Balmo Swap Day 4	Fut	Electronic	5.09	USD	FRPL				5.09	0.2	USD	FRPL
IPE	ICE Futures	Energy	BQE	Singapore Jet Kerosene Balmo Swap Day 5	Fut	Electronic	5.09	USD	FRPL				5.09	0.2	USD	FRPL
IPE	ICE Futures	Energy	BQF	Singapore Jet Kerosene Balmo Swap Day 6	Fut	Electronic	5.09	USD	FRPL				5.09	0.2	USD	FRPL
IPE	ICE Futures	Energy	BQG	Singapore Jet Kerosene Balmo Swap Day 7	Fut	Electronic	5.09	USD	FRPL				5.09	0.2	USD	FRPL
IPE	ICE Futures	Energy	BQH	Singapore Jet Kerosene Balmo Swap Day 8	Fut	Electronic	5.09	USD	FRPL				5.09	0.2	USD	FRPL
IPE	ICE Futures	Energy	BQI	Singapore Jet Kerosene Balmo Swap Day 9	Fut	Electronic	5.09	USD	FRPL				5.09	0.2	USD	FRPL
IPE	ICE Futures	Energy	BQJ	Singapore Jet Kerosene Balmo Swap Day 10	Fut	Electronic	5.09	USD	FRPL				5.09	0.2	USD	FRPL
IPE	ICE Futures	Energy	BQK	Singapore Jet Kerosene Balmo Swap Day 11	Fut	Electronic	5.09	USD	FRPL				5.09	0.2	USD	FRPL
IPE	ICE Futures	Energy	BQL	Singapore Jet Kerosene Balmo Swap Day 12	Fut	Electronic	5.09	USD	FRPL				5.09	0.2	USD	FRPL
IPE	ICE Futures	Energy	BQM	Singapore Jet Kerosene Balmo Swap Day 13	Fut	Electronic	5.09	USD	FRPL				5.09	0.2	USD	FRPL
IPE	ICE Futures	Energy	BQN	Singapore Jet Kerosene Balmo Swap Day 14	Fut	Electronic	5.09	USD	FRPL				5.09	0.2	USD	FRPL
IPE	ICE Futures	Energy	BQO	Singapore Jet Kerosene Balmo Swap Day 15	Fut	Electronic	5.09	USD	FRPL				5.09	0.2	USD	FRPL
IPE	ICE Futures	Energy	BQP	Singapore Jet Kerosene Balmo Swap Day 16	Fut	Electronic	5.09	USD	FRPL				5.09	0.2	USD	FRPL
IPE	ICE Futures	Energy	BQQ	Singapore Jet Kerosene Balmo Swap Day 17	Fut	Electronic	5.09	USD	FRPL				5.09	0.2	USD	FRPL
IPE	ICE Futures	Energy	BQR	Singapore Jet Kerosene Balmo Swap Day 18	Fut	Electronic	5.09	USD	FRPL				5.09	0.2	USD	FRPL
IPE	ICE Futures	Energy	BQS	Singapore Jet Kerosene Balmo Swap Day 19	Fut	Electronic	5.09	USD	FRPL				5.09	0.2	USD	FRPL
IPE	ICE Futures	Energy	BQT	Singapore Jet Kerosene Balmo Swap Day 20	Fut	Electronic	5.09	USD	FRPL				5.09	0.2	USD	FRPL
IPE	ICE Futures	Energy	BQU	Singapore Jet Kerosene Balmo Swap Day 21	Fut	Electronic	5.09	USD	FRPL				5.09	0.2	USD	FRPL
IPE	ICE Futures	Energy	BQV	Singapore Jet Kerosene Balmo Swap Day 22	Fut	Electronic	5.09	USD	FRPL				5.09	0.2	USD	FRPL
IPE	ICE Futures	Energy	BQW	Singapore Jet Kerosene Balmo Swap Day 23	Fut	Electronic	5.09	USD	FRPL				5.09	0.2	USD	FRPL
IPE	ICE Futures	Energy	BQX	Singapore Jet Kerosene Balmo Swap Day 24	Fut	Electronic	5.09	USD	FRPL				5.09	0.2	USD	FRPL
IPE	ICE Futures	Energy	BQY	Singapore Jet Kerosene Balmo Swap Day 25	Fut	Electronic	5.09	USD	FRPL				5.09	0.2	USD	FRPL
IPE	ICE Futures	Energy	BQZ	Singapore Jet Kerosene Balmo Swap Day 26	Fut	Electronic	5.09	USD	FRPL				5.09	0.2	USD	FRPL
IPE	ICE Futures	Energy	BRA	Singapore Jet Kerosene Balmo Swap Day 27	Fut	Electronic	5.09	USD	FRPL				5.09	0.2	USD	FRPL
IPE	ICE Futures	Energy	BRB	Singapore Jet Kerosene Balmo Swap Day 28	Fut	Electronic	5.09	USD	FRPL				5.09	0.2	USD	FRPL
IPE	ICE Futures	Energy	BRC	Singapore Jet Kerosene Balmo Swap Day 29	Fut	Electronic	5.09	USD	FRPL				5.09	0.2	USD	FRPL
IPE	ICE Futures	Energy	BRD	Singapore Jet Kerosene Balmo Swap Day 30	Fut	Electronic	5.09	USD	FRPL				5.09	0.2	USD	FRPL
IPE	ICE Futures	Energy	BRE	Singapore Jet Kerosene Balmo Swap Day 31	Fut	Electronic	5.09	USD	FRPL				5.09	0.2	USD	FRPL
IPE	ICE Futures	Energy	BRM	Brent 1-Month Calendar Spread Swap	Opt	Electronic	2.59	USD	FRPL				2.59	0.15	EUR	FRPL
IPE	ICE Futures	Energy	BRZ	Brent 12-Month Calendar Spread Swap	Opt	Electronic	2.59	USD	FRPL				2.59	0.15	EUR	FRPL
IPE	ICE Futures	Energy	BTD	WTI 1st Line vs Brent 1st Line Swap	Fut	Electronic	2.59	USD	FRPL				2.59	0.2	USD	FRPL
IPE	ICE Futures	Energy	BUL	EU-Style Brent Swap	Opt	Electronic	2.59	USD	FRPL				2.59	0.15	EUR	FRPL
IPE	ICE Futures	Energy	BVA	Singapore 0.5% Gasoil Balmo Swap Day 1	Fut	Electronic	5.09	USD	FRPL				5.09	0.2	USD	FRPL
IPE	ICE Futures	Energy	BVB	Singapore 0.5% Gasoil Balmo Swap Day 2	Fut	Electronic	5.09	USD	FRPL				5.09	0.2	USD	FRPL
IPE	ICE Futures	Energy	BVC	Singapore 0.5% Gasoil Balmo Swap Day 3	Fut	Electronic	5.09	USD	FRPL				5.09	0.2	USD	FRPL
IPE	ICE Futures	Energy	BVD	Singapore 0.5% Gasoil Balmo Swap Day 4	Fut	Electronic	5.09	USD	FRPL				5.09	0.2	USD	FRPL
IPE	ICE Futures	Energy	BVE	Singapore 0.5% Gasoil Balmo Swap Day 5	Fut	Electronic	5.09	USD	FRPL				5.09	0.2	USD	FRPL
IPE	ICE Futures	Energy	BVF	Singapore 0.5% Gasoil Balmo Swap Day 6	Fut	Electronic	5.09	USD	FRPL				5.09	0.2	USD	FRPL
IPE	ICE Futures	Energy	BVG	Singapore 0.5% Gasoil Balmo Swap Day 7	Fut	Electronic	5.09	USD	FRPL				5.09	0.2	USD	FRPL
IPE	ICE Futures	Energy	BVH	Singapore 0.5% Gasoil Balmo Swap Day 8	Fut	Electronic	5.09	USD	FRPL				5.09	0.2	USD	FRPL
IPE	ICE Futures	Energy	BVI	Singapore 0.5% Gasoil Balmo Swap Day 9	Fut	Electronic	5.09	USD	FRPL				5.09	0.2	USD	FRPL
IPE	ICE Futures	Energy	BVJ	Singapore 0.5% Gasoil Balmo Swap Day 10	Fut	Electronic	5.09	USD	FRPL				5.09	0.2	USD	FRPL
IPE	ICE Futures	Energy	BVK	Singapore 0.5% Gasoil Balmo Swap Day 11	Fut	Electronic	5.09	USD	FRPL				5.09	0.2	USD	FRPL
IPE	ICE Futures	Energy	BVL	Singapore 0.5% Gasoil Balmo Swap Day 12	Fut	Electronic	5.09	USD	FRPL				5.09	0.2	USD	FRPL
IPE	ICE Futures	Energy	BVM	Singapore 0.5% Gasoil Balmo Swap Day 13	Fut	Electronic	5.09	USD	FRPL				5.09	0.2	USD	FRPL
IPE	ICE Futures	Energy	BVN	Singapore 0.5% Gasoil Balmo Swap Day 14	Fut	Electronic	5.09	USD	FRPL				5.09	0.2	USD	FRPL
IPE	ICE Futures	Energy	BVO	Singapore 0.5% Gasoil Balmo Swap Day 15	Fut	Electronic	5.09	USD	FRPL				5.09	0.2	USD	FRPL
IPE	ICE Futures	Energy	BVP	Singapore 0.5% Gasoil Balmo Swap Day 16	Fut	Electronic	5.09	USD	FRPL				5.09	0.2	USD	FRPL
IPE	ICE Futures	Energy	BVQ	Singapore 0.5% Gasoil Balmo Swap Day 17	Fut	Electronic	5.09	USD	FRPL				5.09	0.2	USD	FRPL
IPE	ICE Futures	Energy	BVR	Singapore 0.5% Gasoil Balmo Swap Day 18	Fut	Electronic	5.09	USD	FRPL				5.09	0.2	USD	FRPL
IPE	ICE Futures	Energy	BVS	Singapore 0.5% Gasoil Balmo Swap Day 19	Fut	Electronic	5.09	USD	FRPL				5.09	0.2	USD	FRPL
IPE	ICE Futures	Energy	BVT	Singapore 0.5% Gasoil Balmo Swap Day 20	Fut	Electronic	5.09	USD	FRPL				5.09	0.2	USD	FRPL
IPE	ICE Futures	Energy	BVU	Singapore 0.5% Gasoil Balmo Swap Day 21	Fut	Electronic	5.09	USD	FRPL				5.09	0.2	USD	FRPL

Exch Code	Exch Desc	Comm Group	Prod Code	Product Desc	F/O	Platform	Trd Fee	Trd Fee Cur	Trd Fee Meth	Clr Fee	Clr Fee Cur	Clr Fee Meth	Fee Total	Brk Fee	Brk Fee Cur	Brk Fee Meth
IPE	ICE Futures	Energy	BVV	Singapore 0.5% Gasoil Balmo Swap Day 22	Fut	Electronic	5.09	USD	FRPL				5.09	0.2	USD	FRPL
IPE	ICE Futures	Energy	BVW	Singapore 0.5% Gasoil Balmo Swap Day 23	Fut	Electronic	5.09	USD	FRPL				5.09	0.2	USD	FRPL
IPE	ICE Futures	Energy	BVX	Singapore 0.5% Gasoil Balmo Swap Day 24	Fut	Electronic	5.09	USD	FRPL				5.09	0.2	USD	FRPL
IPE	ICE Futures	Energy	BVY	Singapore 0.5% Gasoil Balmo Swap Day 25	Fut	Electronic	5.09	USD	FRPL				5.09	0.2	USD	FRPL
IPE	ICE Futures	Energy	BVZ	Singapore 0.5% Gasoil Balmo Swap Day 26	Fut	Electronic	5.09	USD	FRPL				5.09	0.2	USD	FRPL
IPE	ICE Futures	Energy	BWA	Singapore 0.5% Gasoil Balmo Swap Day 27	Fut	Electronic	5.09	USD	FRPL				5.09	0.2	USD	FRPL
IPE	ICE Futures	Energy	BWB	Singapore 0.5% Gasoil Balmo Swap Day 28	Fut	Electronic	5.09	USD	FRPL				5.09	0.2	USD	FRPL
IPE	ICE Futures	Energy	BWC	Singapore 0.5% Gasoil Balmo Swap Day 29	Fut	Electronic	5.09	USD	FRPL				5.09	0.2	USD	FRPL
IPE	ICE Futures	Energy	BWD	Singapore 0.5% Gasoil Balmo Swap Day 30	Fut	Electronic	5.09	USD	FRPL				5.09	0.2	USD	FRPL
IPE	ICE Futures	Energy	BWE	Singapore 0.5% Gasoil Balmo Swap Day 31	Fut	Electronic	5.09	USD	FRPL				5.09	0.2	USD	FRPL
IPE	ICE Futures	Energy	BXA	Fuel Oil 3.5% FOB Rotterdam Barges Balmo Swap Day 1	Fut	Electronic	32.75	USD	FRPL				32.75	0.2	USD	FRPL
IPE	ICE Futures	Energy	BXB	Fuel Oil 3.5% FOB Rotterdam Barges Balmo Swap Day 2	Fut	Electronic	32.75	USD	FRPL				32.75	0.2	USD	FRPL
IPE	ICE Futures	Energy	BXC	Fuel Oil 3.5% FOB Rotterdam Barges Balmo Swap Day 3	Fut	Electronic	32.75	USD	FRPL				32.75	0.2	USD	FRPL
IPE	ICE Futures	Energy	BXD	Fuel Oil 3.5% FOB Rotterdam Barges Balmo Swap Day 4	Fut	Electronic	32.75	USD	FRPL				32.75	0.2	USD	FRPL
IPE	ICE Futures	Energy	BXE	Fuel Oil 3.5% FOB Rotterdam Barges Balmo Swap Day 5	Fut	Electronic	32.75	USD	FRPL				32.75	0.2	USD	FRPL
IPE	ICE Futures	Energy	BXF	Fuel Oil 3.5% FOB Rotterdam Barges Balmo Swap Day 6	Fut	Electronic	32.75	USD	FRPL				32.75	0.2	USD	FRPL
IPE	ICE Futures	Energy	BXG	Fuel Oil 3.5% FOB Rotterdam Barges Balmo Swap Day 7	Fut	Electronic	32.75	USD	FRPL				32.75	0.2	USD	FRPL
IPE	ICE Futures	Energy	BXH	Fuel Oil 3.5% FOB Rotterdam Barges Balmo Swap Day 8	Fut	Electronic	32.75	USD	FRPL				32.75	0.2	USD	FRPL
IPE	ICE Futures	Energy	BXI	Fuel Oil 3.5% FOB Rotterdam Barges Balmo Swap Day 9	Fut	Electronic	32.75	USD	FRPL				32.75	0.2	USD	FRPL
IPE	ICE Futures	Energy	BXJ	Fuel Oil 3.5% FOB Rotterdam Barges Balmo Swap Day 10	Fut	Electronic	32.75	USD	FRPL				32.75	0.2	USD	FRPL
IPE	ICE Futures	Energy	BXK	Fuel Oil 3.5% FOB Rotterdam Barges Balmo Swap Day 11	Fut	Electronic	32.75	USD	FRPL				32.75	0.2	USD	FRPL
IPE	ICE Futures	Energy	BXL	Fuel Oil 3.5% FOB Rotterdam Barges Balmo Swap Day 12	Fut	Electronic	32.75	USD	FRPL				32.75	0.2	USD	FRPL
IPE	ICE Futures	Energy	BXM	Fuel Oil 3.5% FOB Rotterdam Barges Balmo Swap Day 13	Fut	Electronic	32.75	USD	FRPL				32.75	0.2	USD	FRPL
IPE	ICE Futures	Energy	BXN	Fuel Oil 3.5% FOB Rotterdam Barges Balmo Swap Day 14	Fut	Electronic	32.75	USD	FRPL				32.75	0.2	USD	FRPL
IPE	ICE Futures	Energy	BXO	Fuel Oil 3.5% FOB Rotterdam Barges Balmo Swap Day 15	Fut	Electronic	32.75	USD	FRPL				32.75	0.2	USD	FRPL
IPE	ICE Futures	Energy	BXP	Fuel Oil 3.5% FOB Rotterdam Barges Balmo Swap Day 16	Fut	Electronic	32.75	USD	FRPL				32.75	0.2	USD	FRPL
IPE	ICE Futures	Energy	BXQ	Fuel Oil 3.5% FOB Rotterdam Barges Balmo Swap Day 17	Fut	Electronic	32.75	USD	FRPL				32.75	0.2	USD	FRPL
IPE	ICE Futures	Energy	BXR	Fuel Oil 3.5% FOB Rotterdam Barges Balmo Swap Day 18	Fut	Electronic	32.75	USD	FRPL				32.75	0.2	USD	FRPL
IPE	ICE Futures	Energy	BXS	Fuel Oil 3.5% FOB Rotterdam Barges Balmo Swap Day 19	Fut	Electronic	32.75	USD	FRPL				32.75	0.2	USD	FRPL
IPE	ICE Futures	Energy	BXT	Fuel Oil 3.5% FOB Rotterdam Barges Balmo Swap Day 20	Fut	Electronic	32.75	USD	FRPL				32.75	0.2	USD	FRPL
IPE	ICE Futures	Energy	BXU	Fuel Oil 3.5% FOB Rotterdam Barges Balmo Swap Day 21	Fut	Electronic	32.75	USD	FRPL				32.75	0.2	USD	FRPL
IPE	ICE Futures	Energy	BXV	Fuel Oil 3.5% FOB Rotterdam Barges Balmo Swap Day 22	Fut	Electronic	32.75	USD	FRPL				32.75	0.2	USD	FRPL
IPE	ICE Futures	Energy	BXW	Fuel Oil 3.5% FOB Rotterdam Barges Balmo Swap Day 23	Fut	Electronic	32.75	USD	FRPL				32.75	0.2	USD	FRPL
IPE	ICE Futures	Energy	BXX	Fuel Oil 3.5% FOB Rotterdam Barges Balmo Swap Day 24	Fut	Electronic	32.75	USD	FRPL				32.75	0.2	USD	FRPL
IPE	ICE Futures	Energy	BXY	Fuel Oil 3.5% FOB Rotterdam Barges Balmo Swap Day 25	Fut	Electronic	32.75	USD	FRPL				32.75	0.2	USD	FRPL
IPE	ICE Futures	Energy	BXZ	Fuel Oil 3.5% FOB Rotterdam Barges Balmo Swap Day 26	Fut	Electronic	32.75	USD	FRPL				32.75	0.2	USD	FRPL
IPE	ICE Futures	Energy	BYA	Fuel Oil 3.5% FOB Rotterdam Barges Balmo Swap Day 27	Fut	Electronic	32.75	USD	FRPL				32.75	0.2	USD	FRPL
IPE	ICE Futures	Energy	BYB	Fuel Oil 3.5% FOB Rotterdam Barges Balmo Swap Day 28	Fut	Electronic	32.75	USD	FRPL				32.75	0.2	USD	FRPL
IPE	ICE Futures	Energy	BYC	Fuel Oil 3.5% FOB Rotterdam Barges Balmo Swap Day 29	Fut	Electronic	32.75	USD	FRPL				32.75	0.2	USD	FRPL
IPE	ICE Futures	Energy	BYD	Fuel Oil 3.5% FOB Rotterdam Barges Balmo Swap Day 30	Fut	Electronic	32.75	USD	FRPL				32.75	0.2	USD	FRPL
IPE	ICE Futures	Energy	BYE	Fuel Oil 3.5% FOB Rotterdam Barges Balmo Swap Day 31	Fut	Electronic	32.75	USD	FRPL				32.75	0.2	USD	FRPL
IPE	ICE Futures	Energy	C	ECX EUA	Fut	Electronic	4	EUR	FRPL				4	0.2	USD	FRPL
IPE	ICE Futures	Energy	C	ECX EUA	Opt	Electronic	4	EUR	FRPL				4	0.15	EUR	FRPL
IPE	ICE Futures	Energy	CAR	Fuel Oil 1% FOB NWE Cargoes Swap	Fut	Electronic	32.75	USD	FRPL				32.75	0.2	USD	FRPL
IPE	ICE Futures	Energy	CDA	Diesel 10ppm FOB Rotterdam Barges Balmo Swap Day 1	Fut	Electronic	38.25	USD	FRPL				38.25	0.2	USD	FRPL
IPE	ICE Futures	Energy	CDB	Diesel 10ppm FOB Rotterdam Barges Balmo Swap Day 2	Fut	Electronic	38.25	USD	FRPL				38.25	0.2	USD	FRPL
IPE	ICE Futures	Energy	CDC	Diesel 10ppm FOB Rotterdam Barges Balmo Swap Day 3	Fut	Electronic	38.25	USD	FRPL				38.25	0.2	USD	FRPL
IPE	ICE Futures	Energy	CDD	Diesel 10ppm FOB Rotterdam Barges Balmo Swap Day 4	Fut	Electronic	38.25	USD	FRPL				38.25	0.2	USD	FRPL
IPE	ICE Futures	Energy	CDE	Diesel 10ppm FOB Rotterdam Barges Balmo Swap Day 5	Fut	Electronic	38.25	USD	FRPL				38.25	0.2	USD	FRPL
IPE	ICE Futures	Energy	CDF	Diesel 10ppm FOB Rotterdam Barges Balmo Swap Day 6	Fut	Electronic	38.25	USD	FRPL				38.25	0.2	USD	FRPL
IPE	ICE Futures	Energy	CDG	Diesel 10ppm FOB Rotterdam Barges Balmo Swap Day 7	Fut	Electronic	38.25	USD	FRPL				38.25	0.2	USD	FRPL
IPE	ICE Futures	Energy	CDH	Diesel 10ppm FOB Rotterdam Barges Balmo Swap Day 8	Fut	Electronic	38.25	USD	FRPL				38.25	0.2	USD	FRPL
IPE	ICE Futures	Energy	CDI	Diesel 10ppm FOB Rotterdam Barges Balmo Swap Day 9	Fut	Electronic	38.25	USD	FRPL				38.25	0.2	USD	FRPL
IPE	ICE Futures	Energy	CDJ	Diesel 10ppm FOB Rotterdam Barges Balmo Swap Day 10	Fut	Electronic	38.25	USD	FRPL				38.25	0.2	USD	FRPL
IPE	ICE Futures	Energy	CDK	Diesel 10ppm FOB Rotterdam Barges Balmo Swap Day 11	Fut	Electronic	38.25	USD	FRPL				38.25	0.2	USD	FRPL
IPE	ICE Futures	Energy	CDL	Diesel 10ppm FOB Rotterdam Barges Balmo Swap Day 12	Fut	Electronic	38.25	USD	FRPL				38.25	0.2	USD	FRPL
IPE	ICE Futures	Energy	CDM	Diesel 10ppm FOB Rotterdam Barges Balmo Swap Day 13	Fut	Electronic	38.25	USD	FRPL				38.25	0.2	USD	FRPL
IPE	ICE Futures	Energy	CDN	Diesel 10ppm FOB Rotterdam Barges Balmo Swap Day 14	Fut	Electronic	38.25	USD	FRPL				38.25	0.2	USD	FRPL
IPE	ICE Futures	Energy	CDO	Diesel 10ppm FOB Rotterdam Barges Balmo Swap Day 15	Fut	Electronic	38.25	USD	FRPL				38.25	0.2	USD	FRPL

Exch Code	Exch Desc	Comm Group	Prod Code	Product Desc	F/O	Platform	Trd Fee	Trd Fee Cur	Trd Fee Meth	Clr Fee	Clr Fee Cur	Clr Fee Meth	Fee Total	Brk Fee	Brk Fee Cur	Brk Fee Meth
IPE	ICE Futures	Energy	CDP	Diesel 10ppm FOB Rotterdam Barges Balmo Swap Day 16	Fut	Electronic	38.25	USD	FRPL				38.25	0.2	USD	FRPL
IPE	ICE Futures	Energy	CDQ	Diesel 10ppm FOB Rotterdam Barges Balmo Swap Day 17	Fut	Electronic	38.25	USD	FRPL				38.25	0.2	USD	FRPL
IPE	ICE Futures	Energy	CDR	Diesel 10ppm FOB Rotterdam Barges Balmo Swap Day 18	Fut	Electronic	38.25	USD	FRPL				38.25	0.2	USD	FRPL
IPE	ICE Futures	Energy	CDS	Diesel 10ppm FOB Rotterdam Barges Balmo Swap Day 19	Fut	Electronic	38.25	USD	FRPL				38.25	0.2	USD	FRPL
IPE	ICE Futures	Energy	CDT	Diesel 10ppm FOB Rotterdam Barges Balmo Swap Day 20	Fut	Electronic	38.25	USD	FRPL				38.25	0.2	USD	FRPL
IPE	ICE Futures	Energy	CDU	Diesel 10ppm FOB Rotterdam Barges Balmo Swap Day 21	Fut	Electronic	38.25	USD	FRPL				38.25	0.2	USD	FRPL
IPE	ICE Futures	Energy	CDV	Diesel 10ppm FOB Rotterdam Barges Balmo Swap Day 22	Fut	Electronic	38.25	USD	FRPL				38.25	0.2	USD	FRPL
IPE	ICE Futures	Energy	CDW	Diesel 10ppm FOB Rotterdam Barges Balmo Swap Day 23	Fut	Electronic	38.25	USD	FRPL				38.25	0.2	USD	FRPL
IPE	ICE Futures	Energy	CDX	Diesel 10ppm FOB Rotterdam Barges Balmo Swap Day 24	Fut	Electronic	38.25	USD	FRPL				38.25	0.2	USD	FRPL
IPE	ICE Futures	Energy	CDY	Diesel 10ppm FOB Rotterdam Barges Balmo Swap Day 25	Fut	Electronic	38.25	USD	FRPL				38.25	0.2	USD	FRPL
IPE	ICE Futures	Energy	CDZ	Diesel 10ppm FOB Rotterdam Barges Balmo Swap Day 26	Fut	Electronic	38.25	USD	FRPL				38.25	0.2	USD	FRPL
IPE	ICE Futures	Energy	CEA	Diesel 10ppm FOB Rotterdam Barges Balmo Swap Day 27	Fut	Electronic	38.25	USD	FRPL				38.25	0.2	USD	FRPL
IPE	ICE Futures	Energy	CEB	Diesel 10ppm FOB Rotterdam Barges Balmo Swap Day 28	Fut	Electronic	38.25	USD	FRPL				38.25	0.2	USD	FRPL
IPE	ICE Futures	Energy	CEC	Diesel 10ppm FOB Rotterdam Barges Balmo Swap Day 29	Fut	Electronic	38.25	USD	FRPL				38.25	0.2	USD	FRPL
IPE	ICE Futures	Energy	CED	Diesel 10ppm FOB Rotterdam Barges Balmo Swap Day 30	Fut	Electronic	38.25	USD	FRPL				38.25	0.2	USD	FRPL
IPE	ICE Futures	Energy	CEE	Diesel 10ppm FOB Rotterdam Barges Balmo Swap Day 31	Fut	Electronic	38.25	USD	FRPL				38.25	0.2	USD	FRPL
IPE	ICE Futures	Energy	CER	ECX CER	Fut	Electronic	4	EUR	FRPL				4	0.2	USD	FRPL
IPE	ICE Futures	Energy	CER	ECX CER	Opt	Electronic	4	EUR	FRPL				4	0.15	EUR	FRPL
IPE	ICE Futures	Energy	CES	ECX CER Daily	Fut	Electronic	4	EUR	FRPL				4	0.2	USD	FRPL
IPE	ICE Futures	Energy	CET	EUAA UK Auction	Fut	Electronic	0.38	EUR	FRPL				0.38	0.2	USD	FRPL
IPE	ICE Futures	Energy	CEU	ECX EUAA	Fut	Electronic	4	EUR	FRPL				4	0.2	USD	FRPL
IPE	ICE Futures	Energy	CFD	Brent CFD vs Second Month Swap	Fut	Electronic	0.52	USD	FRPL				0.52	0.2	USD	FRPL
IPE	ICE Futures	Energy	CFG	Gasoil 0.1% CIF NWE Cargoes vs Gasoil 1st Line Swap	Fut	Electronic	38.25	USD	FRPL				38.25	0.2	USD	FRPL
IPE	ICE Futures	Energy	CFM	Monthly Brent CFD vs Second Month Swap	Fut	Electronic	2.59	USD	FRPL				2.59	0.2	USD	FRPL
IPE	ICE Futures	Energy	CFO	Brent CFD vs First Month Swap	Fut	Electronic	0.52	USD	FRPL				0.52	0.2	USD	FRPL
IPE	ICE Futures	Energy	CFT	Brent CFD vs Third Month Swap	Fut	Electronic	0.52	USD	FRPL				0.52	0.2	USD	FRPL
IPE	ICE Futures	Energy	CFU	Urals North vs Dated Brent CFD Swap	Fut	Electronic	2.59	USD	FRPL				2.59	0.2	USD	FRPL
IPE	ICE Futures	Energy	CIB	Fuel Oil 1% CIF Med Cargoes vs 1% FOB NWE Cargoes Swap	Fut	Electronic	32.75	USD	FRPL				32.75	0.2	USD	FRPL
IPE	ICE Futures	Energy	CID	Fuel Oil 1% CIF NWE Cargoes Swap	Fut	Electronic	32.75	USD	FRPL				32.75	0.2	USD	FRPL
IPE	ICE Futures	Energy	CIF	Fuel Oil 1% CIF Med Cargoes Swap	Fut	Electronic	32.75	USD	FRPL				32.75	0.2	USD	FRPL
IPE	ICE Futures	Energy	CIH	Fuel Oil 1% CIF NWE Cargoes vs 1% FOB NWE Cargoes Swap	Fut	Electronic	32.75	USD	FRPL				32.75	0.2	USD	FRPL
IPE	ICE Futures	Energy	CIM	Fuel Oil 3.5% CIF Med Cargoes Swap	Fut	Electronic	32.75	USD	FRPL				32.75	0.2	USD	FRPL
IPE	ICE Futures	Energy	CJA	Fuel Oil 1% CIF Med Cargoes Balmo Swap Day 1	Fut	Electronic	32.75	USD	FRPL				32.75	0.2	USD	FRPL
IPE	ICE Futures	Energy	CJB	Fuel Oil 1% CIF Med Cargoes Balmo Swap Day 2	Fut	Electronic	32.75	USD	FRPL				32.75	0.2	USD	FRPL
IPE	ICE Futures	Energy	CJC	Fuel Oil 1% CIF Med Cargoes Balmo Swap Day 3	Fut	Electronic	32.75	USD	FRPL				32.75	0.2	USD	FRPL
IPE	ICE Futures	Energy	CJD	Fuel Oil 1% CIF Med Cargoes Balmo Swap Day 4	Fut	Electronic	32.75	USD	FRPL				32.75	0.2	USD	FRPL
IPE	ICE Futures	Energy	CJE	Fuel Oil 1% CIF Med Cargoes Balmo Swap Day 5	Fut	Electronic	32.75	USD	FRPL				32.75	0.2	USD	FRPL
IPE	ICE Futures	Energy	CJF	Fuel Oil 1% CIF Med Cargoes Balmo Swap Day 6	Fut	Electronic	32.75	USD	FRPL				32.75	0.2	USD	FRPL
IPE	ICE Futures	Energy	CJG	Fuel Oil 1% CIF Med Cargoes Balmo Swap Day 7	Fut	Electronic	32.75	USD	FRPL				32.75	0.2	USD	FRPL
IPE	ICE Futures	Energy	CJH	Fuel Oil 1% CIF Med Cargoes Balmo Swap Day 8	Fut	Electronic	32.75	USD	FRPL				32.75	0.2	USD	FRPL
IPE	ICE Futures	Energy	CJI	Fuel Oil 1% CIF Med Cargoes Balmo Swap Day 9	Fut	Electronic	32.75	USD	FRPL				32.75	0.2	USD	FRPL
IPE	ICE Futures	Energy	CJJ	Fuel Oil 1% CIF Med Cargoes Balmo Swap Day 10	Fut	Electronic	32.75	USD	FRPL				32.75	0.2	USD	FRPL
IPE	ICE Futures	Energy	CJK	Fuel Oil 1% CIF Med Cargoes Balmo Swap Day 11	Fut	Electronic	32.75	USD	FRPL				32.75	0.2	USD	FRPL
IPE	ICE Futures	Energy	CJL	Fuel Oil 1% CIF Med Cargoes Balmo Swap Day 12	Fut	Electronic	32.75	USD	FRPL				32.75	0.2	USD	FRPL
IPE	ICE Futures	Energy	CJM	Fuel Oil 1% CIF Med Cargoes Balmo Swap Day 13	Fut	Electronic	32.75	USD	FRPL				32.75	0.2	USD	FRPL
IPE	ICE Futures	Energy	CJN	Fuel Oil 1% CIF Med Cargoes Balmo Swap Day 14	Fut	Electronic	32.75	USD	FRPL				32.75	0.2	USD	FRPL
IPE	ICE Futures	Energy	CJO	Fuel Oil 1% CIF Med Cargoes Balmo Swap Day 15	Fut	Electronic	32.75	USD	FRPL				32.75	0.2	USD	FRPL
IPE	ICE Futures	Energy	CJP	Fuel Oil 1% CIF Med Cargoes Balmo Swap Day 16	Fut	Electronic	32.75	USD	FRPL				32.75	0.2	USD	FRPL
IPE	ICE Futures	Energy	CJQ	Fuel Oil 1% CIF Med Cargoes Balmo Swap Day 17	Fut	Electronic	32.75	USD	FRPL				32.75	0.2	USD	FRPL
IPE	ICE Futures	Energy	CJR	Fuel Oil 1% CIF Med Cargoes Balmo Swap Day 18	Fut	Electronic	32.75	USD	FRPL				32.75	0.2	USD	FRPL
IPE	ICE Futures	Energy	CJS	Fuel Oil 1% CIF Med Cargoes Balmo Swap Day 19	Fut	Electronic	32.75	USD	FRPL				32.75	0.2	USD	FRPL
IPE	ICE Futures	Energy	CJT	Fuel Oil 1% CIF Med Cargoes Balmo Swap Day 20	Fut	Electronic	32.75	USD	FRPL				32.75	0.2	USD	FRPL
IPE	ICE Futures	Energy	CJU	Fuel Oil 1% CIF Med Cargoes Balmo Swap Day 21	Fut	Electronic	32.75	USD	FRPL				32.75	0.2	USD	FRPL
IPE	ICE Futures	Energy	CJV	Fuel Oil 1% CIF Med Cargoes Balmo Swap Day 22	Fut	Electronic	32.75	USD	FRPL				32.75	0.2	USD	FRPL
IPE	ICE Futures	Energy	CJW	Fuel Oil 1% CIF Med Cargoes Balmo Swap Day 23	Fut	Electronic	32.75	USD	FRPL				32.75	0.2	USD	FRPL
IPE	ICE Futures	Energy	CJX	Fuel Oil 1% CIF Med Cargoes Balmo Swap Day 24	Fut	Electronic	32.75	USD	FRPL				32.75	0.2	USD	FRPL
IPE	ICE Futures	Energy	CJY	Fuel Oil 1% CIF Med Cargoes Balmo Swap Day 25	Fut	Electronic	32.75	USD	FRPL				32.75	0.2	USD	FRPL
IPE	ICE Futures	Energy	CJZ	Fuel Oil 1% CIF Med Cargoes Balmo Swap Day 26	Fut	Electronic	32.75	USD	FRPL				32.75	0.2	USD	FRPL
IPE	ICE Futures	Energy	CKA	Fuel Oil 1% CIF Med Cargoes Balmo Swap Day 27	Fut	Electronic	32.75	USD	FRPL				32.75	0.2	USD	FRPL

Exch Code	Exch Desc	Comm Group	Prod Code	Product Desc	F/O	Platform	Trd Fee	Trd Fee Cur	Trd Fee Meth	Clr Fee	Clr Fee Cur	Clr Fee Meth	Fee Total	Brk Fee	Brk Fee Cur	Brk Fee Meth
IPE	ICE Futures	Energy	CKB	Fuel Oil 1% CIF Med Cargoes Balmo Swap Day 28	Fut	Electronic	32.75	USD	FRPL				32.75	0.2	USD	FRPL
IPE	ICE Futures	Energy	CKC	Fuel Oil 1% CIF Med Cargoes Balmo Swap Day 29	Fut	Electronic	32.75	USD	FRPL				32.75	0.2	USD	FRPL
IPE	ICE Futures	Energy	CKD	Fuel Oil 1% CIF Med Cargoes Balmo Swap Day 30	Fut	Electronic	32.75	USD	FRPL				32.75	0.2	USD	FRPL
IPE	ICE Futures	Energy	CKE	Fuel Oil 1% CIF Med Cargoes Balmo Swap Day 31	Fut	Electronic	32.75	USD	FRPL				32.75	0.2	USD	FRPL
IPE	ICE Futures	Energy	CMA	Brent 1st Line Balmo Swap Day 1	Fut	Electronic	2.59	USD	FRPL				2.59	0.2	USD	FRPL
IPE	ICE Futures	Energy	CMB	Brent 1st Line Balmo Swap Day 2	Fut	Electronic	2.59	USD	FRPL				2.59	0.2	USD	FRPL
IPE	ICE Futures	Energy	CMC	Brent 1st Line Balmo Swap Day 3	Fut	Electronic	2.59	USD	FRPL				2.59	0.2	USD	FRPL
IPE	ICE Futures	Energy	CMD	Brent 1st Line Balmo Swap Day 4	Fut	Electronic	2.59	USD	FRPL				2.59	0.2	USD	FRPL
IPE	ICE Futures	Energy	CME	Brent 1st Line Balmo Swap Day 5	Fut	Electronic	2.59	USD	FRPL				2.59	0.2	USD	FRPL
IPE	ICE Futures	Energy	CMF	Brent 1st Line Balmo Swap Day 6	Fut	Electronic	2.59	USD	FRPL				2.59	0.2	USD	FRPL
IPE	ICE Futures	Energy	CMG	Brent 1st Line Balmo Swap Day 7	Fut	Electronic	2.59	USD	FRPL				2.59	0.2	USD	FRPL
IPE	ICE Futures	Energy	CMH	Brent 1st Line Balmo Swap Day 8	Fut	Electronic	2.59	USD	FRPL				2.59	0.2	USD	FRPL
IPE	ICE Futures	Energy	CMI	Brent 1st Line Balmo Swap Day 9	Fut	Electronic	2.59	USD	FRPL				2.59	0.2	USD	FRPL
IPE	ICE Futures	Energy	CMJ	Brent 1st Line Balmo Swap Day 10	Fut	Electronic	2.59	USD	FRPL				2.59	0.2	USD	FRPL
IPE	ICE Futures	Energy	CMK	Brent 1st Line Balmo Swap Day 11	Fut	Electronic	2.59	USD	FRPL				2.59	0.2	USD	FRPL
IPE	ICE Futures	Energy	CML	Brent 1st Line Balmo Swap Day 12	Fut	Electronic	2.59	USD	FRPL				2.59	0.2	USD	FRPL
IPE	ICE Futures	Energy	CMM	Brent 1st Line Balmo Swap Day 13	Fut	Electronic	2.59	USD	FRPL				2.59	0.2	USD	FRPL
IPE	ICE Futures	Energy	CMN	Brent 1st Line Balmo Swap Day 14	Fut	Electronic	2.59	USD	FRPL				2.59	0.2	USD	FRPL
IPE	ICE Futures	Energy	CMO	Brent 1st Line Balmo Swap Day 15	Fut	Electronic	2.59	USD	FRPL				2.59	0.2	USD	FRPL
IPE	ICE Futures	Energy	CMP	Brent 1st Line Balmo Swap Day 16	Fut	Electronic	2.59	USD	FRPL				2.59	0.2	USD	FRPL
IPE	ICE Futures	Energy	CMQ	Brent 1st Line Balmo Swap Day 17	Fut	Electronic	2.59	USD	FRPL				2.59	0.2	USD	FRPL
IPE	ICE Futures	Energy	CMR	Brent 1st Line Balmo Swap Day 18	Fut	Electronic	2.59	USD	FRPL				2.59	0.2	USD	FRPL
IPE	ICE Futures	Energy	CMS	Brent 1st Line Balmo Swap Day 19	Fut	Electronic	2.59	USD	FRPL				2.59	0.2	USD	FRPL
IPE	ICE Futures	Energy	CMT	Brent 1st Line Balmo Swap Day 20	Fut	Electronic	2.59	USD	FRPL				2.59	0.2	USD	FRPL
IPE	ICE Futures	Energy	CMU	Brent 1st Line Balmo Swap Day 21	Fut	Electronic	2.59	USD	FRPL				2.59	0.2	USD	FRPL
IPE	ICE Futures	Energy	CMV	Brent 1st Line Balmo Swap Day 22	Fut	Electronic	2.59	USD	FRPL				2.59	0.2	USD	FRPL
IPE	ICE Futures	Energy	CMW	Brent 1st Line Balmo Swap Day 23	Fut	Electronic	2.59	USD	FRPL				2.59	0.2	USD	FRPL
IPE	ICE Futures	Energy	CMX	Brent 1st Line Balmo Swap Day 24	Fut	Electronic	2.59	USD	FRPL				2.59	0.2	USD	FRPL
IPE	ICE Futures	Energy	CMY	Brent 1st Line Balmo Swap Day 25	Fut	Electronic	2.59	USD	FRPL				2.59	0.2	USD	FRPL
IPE	ICE Futures	Energy	CMZ	Brent 1st Line Balmo Swap Day 26	Fut	Electronic	2.59	USD	FRPL				2.59	0.2	USD	FRPL
IPE	ICE Futures	Energy	CNA	Brent 1st Line Balmo Swap Day 27	Fut	Electronic	2.59	USD	FRPL				2.59	0.2	USD	FRPL
IPE	ICE Futures	Energy	CNB	Brent 1st Line Balmo Swap Day 28	Fut	Electronic	2.59	USD	FRPL				2.59	0.2	USD	FRPL
IPE	ICE Futures	Energy	CNC	Brent 1st Line Balmo Swap Day 29	Fut	Electronic	2.59	USD	FRPL				2.59	0.2	USD	FRPL
IPE	ICE Futures	Energy	CND	Brent 1st Line Balmo Swap Day 30	Fut	Electronic	2.59	USD	FRPL				2.59	0.2	USD	FRPL
IPE	ICE Futures	Energy	CNE	Brent 1st Line Balmo Swap Day 31	Fut	Electronic	2.59	USD	FRPL				2.59	0.2	USD	FRPL
IPE	ICE Futures	Energy	CUA	Gasoil 1st Line Balmo Swap Day 1	Fut	Electronic	3.82	USD	FRPL				3.82	0.2	USD	FRPL
IPE	ICE Futures	Energy	CUB	Gasoil 1st Line Balmo Swap Day 2	Fut	Electronic	3.82	USD	FRPL				3.82	0.2	USD	FRPL
IPE	ICE Futures	Energy	CUC	Gasoil 1st Line Balmo Swap Day 3	Fut	Electronic	3.82	USD	FRPL				3.82	0.2	USD	FRPL
IPE	ICE Futures	Energy	CUD	Gasoil 1st Line Balmo Swap Day 4	Fut	Electronic	3.82	USD	FRPL				3.82	0.2	USD	FRPL
IPE	ICE Futures	Energy	CUE	Gasoil 1st Line Balmo Swap Day 5	Fut	Electronic	3.82	USD	FRPL				3.82	0.2	USD	FRPL
IPE	ICE Futures	Energy	CUF	Gasoil 1st Line Balmo Swap Day 6	Fut	Electronic	3.82	USD	FRPL				3.82	0.2	USD	FRPL
IPE	ICE Futures	Energy	CUG	Gasoil 1st Line Balmo Swap Day 7	Fut	Electronic	3.82	USD	FRPL				3.82	0.2	USD	FRPL
IPE	ICE Futures	Energy	CUH	Gasoil 1st Line Balmo Swap Day 8	Fut	Electronic	3.82	USD	FRPL				3.82	0.2	USD	FRPL
IPE	ICE Futures	Energy	CUI	Gasoil 1st Line Balmo Swap Day 9	Fut	Electronic	3.82	USD	FRPL				3.82	0.2	USD	FRPL
IPE	ICE Futures	Energy	CUJ	Gasoil 1st Line Balmo Swap Day 10	Fut	Electronic	3.82	USD	FRPL				3.82	0.2	USD	FRPL
IPE	ICE Futures	Energy	CUK	Gasoil 1st Line Balmo Swap Day 11	Fut	Electronic	3.82	USD	FRPL				3.82	0.2	USD	FRPL
IPE	ICE Futures	Energy	CUL	Gasoil 1st Line Balmo Swap Day 12	Fut	Electronic	3.82	USD	FRPL				3.82	0.2	USD	FRPL
IPE	ICE Futures	Energy	CUM	Gasoil 1st Line Balmo Swap Day 13	Fut	Electronic	3.82	USD	FRPL				3.82	0.2	USD	FRPL
IPE	ICE Futures	Energy	CUN	Gasoil 1st Line Balmo Swap Day 14	Fut	Electronic	3.82	USD	FRPL				3.82	0.2	USD	FRPL
IPE	ICE Futures	Energy	CUO	Gasoil 1st Line Balmo Swap Day 15	Fut	Electronic	3.82	USD	FRPL				3.82	0.2	USD	FRPL
IPE	ICE Futures	Energy	CUP	Gasoil 1st Line Balmo Swap Day 16	Fut	Electronic	3.82	USD	FRPL				3.82	0.2	USD	FRPL
IPE	ICE Futures	Energy	CUQ	Gasoil 1st Line Balmo Swap Day 17	Fut	Electronic	3.82	USD	FRPL				3.82	0.2	USD	FRPL
IPE	ICE Futures	Energy	CUR	Gasoil 1st Line Balmo Swap Day 18	Fut	Electronic	3.82	USD	FRPL				3.82	0.2	USD	FRPL
IPE	ICE Futures	Energy	CUS	Gasoil 1st Line Balmo Swap Day 19	Fut	Electronic	3.82	USD	FRPL				3.82	0.2	USD	FRPL
IPE	ICE Futures	Energy	CUT	Gasoil 1st Line Balmo Swap Day 20	Fut	Electronic	3.82	USD	FRPL				3.82	0.2	USD	FRPL
IPE	ICE Futures	Energy	CUU	Gasoil 1st Line Balmo Swap Day 21	Fut	Electronic	3.82	USD	FRPL				3.82	0.2	USD	FRPL
IPE	ICE Futures	Energy	CUV	Gasoil 1st Line Balmo Swap Day 22	Fut	Electronic	3.82	USD	FRPL				3.82	0.2	USD	FRPL
IPE	ICE Futures	Energy	CUW	Gasoil 1st Line Balmo Swap Day 23	Fut	Electronic	3.82	USD	FRPL				3.82	0.2	USD	FRPL
IPE	ICE Futures	Energy	CUX	Gasoil 1st Line Balmo Swap Day 24	Fut	Electronic	3.82	USD	FRPL				3.82	0.2	USD	FRPL

Exch Code	Exch Desc	Comm Group	Prod Code	Product Desc	F/O	Platform	Trd Fee	Trd Fee Cur	Trd Fee Meth	Clr Fee	Clr Fee Cur	Clr Fee Meth	Fee Total	Brk Fee	Brk Fee Cur	Brk Fee Meth
IPE	ICE Futures	Energy	CUY	Gasoil 1st Line Balmo Swap Day 25	Fut	Electronic	3.82	USD	FRPL				3.82	0.2	USD	FRPL
IPE	ICE Futures	Energy	CUZ	Gasoil 1st Line Balmo Swap Day 26	Fut	Electronic	3.82	USD	FRPL				3.82	0.2	USD	FRPL
IPE	ICE Futures	Energy	CVA	Gasoil 1st Line Balmo Swap Day 27	Fut	Electronic	3.82	USD	FRPL				3.82	0.2	USD	FRPL
IPE	ICE Futures	Energy	CVB	Gasoil 1st Line Balmo Swap Day 28	Fut	Electronic	3.82	USD	FRPL				3.82	0.2	USD	FRPL
IPE	ICE Futures	Energy	CVC	Gasoil 1st Line Balmo Swap Day 29	Fut	Electronic	3.82	USD	FRPL				3.82	0.2	USD	FRPL
IPE	ICE Futures	Energy	CVD	Gasoil 1st Line Balmo Swap Day 30	Fut	Electronic	3.82	USD	FRPL				3.82	0.2	USD	FRPL
IPE	ICE Futures	Energy	CVE	Gasoil 1st Line Balmo Swap Day 31	Fut	Electronic	3.82	USD	FRPL				3.82	0.2	USD	FRPL
IPE	ICE Futures	Energy	CWA	Argus Euro-Bob Oxy FOB Rotterdam Barges vs Brent 1st Line Balmo Swap Day 1	Fut	Electronic	42.65	USD	FRPL				42.65	0.2	USD	FRPL
IPE	ICE Futures	Energy	CWB	Argus Euro-Bob Oxy FOB Rotterdam Barges vs Brent 1st Line Balmo Swap Day 2	Fut	Electronic	42.65	USD	FRPL				42.65	0.2	USD	FRPL
IPE	ICE Futures	Energy	CWC	Argus Euro-Bob Oxy FOB Rotterdam Barges vs Brent 1st Line Balmo Swap Day 3	Fut	Electronic	42.65	USD	FRPL				42.65	0.2	USD	FRPL
IPE	ICE Futures	Energy	CWD	Argus Euro-Bob Oxy FOB Rotterdam Barges vs Brent 1st Line Balmo Swap Day 4	Fut	Electronic	42.65	USD	FRPL				42.65	0.2	USD	FRPL
IPE	ICE Futures	Energy	CWE	Argus Euro-Bob Oxy FOB Rotterdam Barges vs Brent 1st Line Balmo Swap Day 5	Fut	Electronic	42.65	USD	FRPL				42.65	0.2	USD	FRPL
IPE	ICE Futures	Energy	CWF	Argus Euro-Bob Oxy FOB Rotterdam Barges vs Brent 1st Line Balmo Swap Day 6	Fut	Electronic	42.65	USD	FRPL				42.65	0.2	USD	FRPL
IPE	ICE Futures	Energy	CWG	Argus Euro-Bob Oxy FOB Rotterdam Barges vs Brent 1st Line Balmo Swap Day 7	Fut	Electronic	42.65	USD	FRPL				42.65	0.2	USD	FRPL
IPE	ICE Futures	Energy	CWH	Argus Euro-Bob Oxy FOB Rotterdam Barges vs Brent 1st Line Balmo Swap Day 8	Fut	Electronic	42.65	USD	FRPL				42.65	0.2	USD	FRPL
IPE	ICE Futures	Energy	CWI	Argus Euro-Bob Oxy FOB Rotterdam Barges vs Brent 1st Line Balmo Swap Day 9	Fut	Electronic	42.65	USD	FRPL				42.65	0.2	USD	FRPL
IPE	ICE Futures	Energy	CWJ	Argus Euro-Bob Oxy FOB Rotterdam Barges vs Brent 1st Line Balmo Swap Day 10	Fut	Electronic	42.65	USD	FRPL				42.65	0.2	USD	FRPL
IPE	ICE Futures	Energy	CWK	Argus Euro-Bob Oxy FOB Rotterdam Barges vs Brent 1st Line Balmo Swap Day 11	Fut	Electronic	42.65	USD	FRPL				42.65	0.2	USD	FRPL
IPE	ICE Futures	Energy	CWL	Argus Euro-Bob Oxy FOB Rotterdam Barges vs Brent 1st Line Balmo Swap Day 12	Fut	Electronic	42.65	USD	FRPL				42.65	0.2	USD	FRPL
IPE	ICE Futures	Energy	CWM	Argus Euro-Bob Oxy FOB Rotterdam Barges vs Brent 1st Line Balmo Swap Day 13	Fut	Electronic	42.65	USD	FRPL				42.65	0.2	USD	FRPL
IPE	ICE Futures	Energy	CWN	Argus Euro-Bob Oxy FOB Rotterdam Barges vs Brent 1st Line Balmo Swap Day 14	Fut	Electronic	42.65	USD	FRPL				42.65	0.2	USD	FRPL
IPE	ICE Futures	Energy	CWO	Argus Euro-Bob Oxy FOB Rotterdam Barges vs Brent 1st Line Balmo Swap Day 15	Fut	Electronic	42.65	USD	FRPL				42.65	0.2	USD	FRPL
IPE	ICE Futures	Energy	CWP	Argus Euro-Bob Oxy FOB Rotterdam Barges vs Brent 1st Line Balmo Swap Day 16	Fut	Electronic	42.65	USD	FRPL				42.65	0.2	USD	FRPL
IPE	ICE Futures	Energy	CWQ	Argus Euro-Bob Oxy FOB Rotterdam Barges vs Brent 1st Line Balmo Swap Day 17	Fut	Electronic	42.65	USD	FRPL				42.65	0.2	USD	FRPL
IPE	ICE Futures	Energy	CWR	Argus Euro-Bob Oxy FOB Rotterdam Barges vs Brent 1st Line Balmo Swap Day 18	Fut	Electronic	42.65	USD	FRPL				42.65	0.2	USD	FRPL
IPE	ICE Futures	Energy	CWS	Argus Euro-Bob Oxy FOB Rotterdam Barges vs Brent 1st Line Balmo Swap Day 19	Fut	Electronic	42.65	USD	FRPL				42.65	0.2	USD	FRPL
IPE	ICE Futures	Energy	CWT	Argus Euro-Bob Oxy FOB Rotterdam Barges vs Brent 1st Line Balmo Swap Day 20	Fut	Electronic	42.65	USD	FRPL				42.65	0.2	USD	FRPL
IPE	ICE Futures	Energy	CWU	Argus Euro-Bob Oxy FOB Rotterdam Barges vs Brent 1st Line Balmo Swap Day 21	Fut	Electronic	42.65	USD	FRPL				42.65	0.2	USD	FRPL
IPE	ICE Futures	Energy	CWV	Argus Euro-Bob Oxy FOB Rotterdam Barges vs Brent 1st Line Balmo Swap Day 22	Fut	Electronic	42.65	USD	FRPL				42.65	0.2	USD	FRPL
IPE	ICE Futures	Energy	CWW	Argus Euro-Bob Oxy FOB Rotterdam Barges vs Brent 1st Line Balmo Swap Day 23	Fut	Electronic	42.65	USD	FRPL				42.65	0.2	USD	FRPL
IPE	ICE Futures	Energy	CWX	Argus Euro-Bob Oxy FOB Rotterdam Barges vs Brent 1st Line Balmo Swap Day 24	Fut	Electronic	42.65	USD	FRPL				42.65	0.2	USD	FRPL
IPE	ICE Futures	Energy	CWY	Argus Euro-Bob Oxy FOB Rotterdam Barges vs Brent 1st Line Balmo Swap Day 25	Fut	Electronic	42.65	USD	FRPL				42.65	0.2	USD	FRPL
IPE	ICE Futures	Energy	CWZ	Argus Euro-Bob Oxy FOB Rotterdam Barges vs Brent 1st Line Balmo Swap Day 26	Fut	Electronic	42.65	USD	FRPL				42.65	0.2	USD	FRPL

Exch Code	Exch Desc	Comm Group	Prod Code	Product Desc	F/O	Platform	Trd Fee	Trd Fee Cur	Trd Fee Meth	Clr Fee	Clr Fee Cur	Clr Fee Meth	Fee Total	Brk Fee	Brk Fee Cur	Brk Fee Meth
IPE	ICE Futures	Energy	CXA	Argus Euro-Bob Oxy FOB Rotterdam Barges vs Brent 1st Line Balmo Swap Day 27	Fut	Electronic	42.65	USD	FRPL				42.65	0.2	USD	FRPL
IPE	ICE Futures	Energy	CXB	Argus Euro-Bob Oxy FOB Rotterdam Barges vs Brent 1st Line Balmo Swap Day 28	Fut	Electronic	42.65	USD	FRPL				42.65	0.2	USD	FRPL
IPE	ICE Futures	Energy	CXC	Argus Euro-Bob Oxy FOB Rotterdam Barges vs Brent 1st Line Balmo Swap Day 29	Fut	Electronic	42.65	USD	FRPL				42.65	0.2	USD	FRPL
IPE	ICE Futures	Energy	CXD	Argus Euro-Bob Oxy FOB Rotterdam Barges vs Brent 1st Line Balmo Swap Day 30	Fut	Electronic	42.65	USD	FRPL				42.65	0.2	USD	FRPL
IPE	ICE Futures	Energy	CXE	Argus Euro-Bob Oxy FOB Rotterdam Barges vs Brent 1st Line Balmo Swap Day 31	Fut	Electronic	42.65	USD	FRPL				42.65	0.2	USD	FRPL
IPE	ICE Futures	Energy	DAA	Diesel 10ppm (UK) CIF NWE Cargoes vs Gasoil 1st Line Balmo Swap Day 1	Fut	Electronic	38.25	USD	FRPL				38.25	0.2	USD	FRPL
IPE	ICE Futures	Energy	DAB	Diesel 10ppm (UK) CIF NWE Cargoes vs Gasoil 1st Line Balmo Swap Day 2	Fut	Electronic	38.25	USD	FRPL				38.25	0.2	USD	FRPL
IPE	ICE Futures	Energy	DAC	Diesel 10ppm (UK) CIF NWE Cargoes vs Gasoil 1st Line Balmo Swap Day 3	Fut	Electronic	38.25	USD	FRPL				38.25	0.2	USD	FRPL
IPE	ICE Futures	Energy	DAD	Diesel 10ppm (UK) CIF NWE Cargoes vs Gasoil 1st Line Balmo Swap Day 4	Fut	Electronic	38.25	USD	FRPL				38.25	0.2	USD	FRPL
IPE	ICE Futures	Energy	DAE	Diesel 10ppm (UK) CIF NWE Cargoes vs Gasoil 1st Line Balmo Swap Day 5	Fut	Electronic	38.25	USD	FRPL				38.25	0.2	USD	FRPL
IPE	ICE Futures	Energy	DAF	Diesel 10ppm (UK) CIF NWE Cargoes vs Gasoil 1st Line Balmo Swap Day 6	Fut	Electronic	38.25	USD	FRPL				38.25	0.2	USD	FRPL
IPE	ICE Futures	Energy	DAG	Diesel 10ppm (UK) CIF NWE Cargoes vs Gasoil 1st Line Balmo Swap Day 7	Fut	Electronic	38.25	USD	FRPL				38.25	0.2	USD	FRPL
IPE	ICE Futures	Energy	DAH	Diesel 10ppm (UK) CIF NWE Cargoes vs Gasoil 1st Line Balmo Swap Day 8	Fut	Electronic	38.25	USD	FRPL				38.25	0.2	USD	FRPL
IPE	ICE Futures	Energy	DAI	Diesel 10ppm (UK) CIF NWE Cargoes vs Gasoil 1st Line Balmo Swap Day 9	Fut	Electronic	38.25	USD	FRPL				38.25	0.2	USD	FRPL
IPE	ICE Futures	Energy	DAJ	Diesel 10ppm (UK) CIF NWE Cargoes vs Gasoil 1st Line Balmo Swap Day 10	Fut	Electronic	38.25	USD	FRPL				38.25	0.2	USD	FRPL
IPE	ICE Futures	Energy	DAK	Diesel 10ppm (UK) CIF NWE Cargoes vs Gasoil 1st Line Balmo Swap Day 11	Fut	Electronic	38.25	USD	FRPL				38.25	0.2	USD	FRPL
IPE	ICE Futures	Energy	DAL	Diesel 10ppm (UK) CIF NWE Cargoes vs Gasoil 1st Line Balmo Swap Day 12	Fut	Electronic	38.25	USD	FRPL				38.25	0.2	USD	FRPL
IPE	ICE Futures	Energy	DAM	Diesel 10ppm (UK) CIF NWE Cargoes vs Gasoil 1st Line Balmo Swap Day 13	Fut	Electronic	38.25	USD	FRPL				38.25	0.2	USD	FRPL
IPE	ICE Futures	Energy	DAN	Diesel 10ppm (UK) CIF NWE Cargoes vs Gasoil 1st Line Balmo Swap Day 14	Fut	Electronic	38.25	USD	FRPL				38.25	0.2	USD	FRPL
IPE	ICE Futures	Energy	DAO	Diesel 10ppm (UK) CIF NWE Cargoes vs Gasoil 1st Line Balmo Swap Day 15	Fut	Electronic	38.25	USD	FRPL				38.25	0.2	USD	FRPL
IPE	ICE Futures	Energy	DAP	Diesel 10ppm (UK) CIF NWE Cargoes vs Gasoil 1st Line Balmo Swap Day 16	Fut	Electronic	38.25	USD	FRPL				38.25	0.2	USD	FRPL
IPE	ICE Futures	Energy	DAQ	Diesel 10ppm (UK) CIF NWE Cargoes vs Gasoil 1st Line Balmo Swap Day 17	Fut	Electronic	38.25	USD	FRPL				38.25	0.2	USD	FRPL
IPE	ICE Futures	Energy	DAR	Diesel 10ppm (UK) CIF NWE Cargoes vs Gasoil 1st Line Balmo Swap Day 18	Fut	Electronic	38.25	USD	FRPL				38.25	0.2	USD	FRPL
IPE	ICE Futures	Energy	DAS	Diesel 10ppm (UK) CIF NWE Cargoes vs Gasoil 1st Line Balmo Swap Day 19	Fut	Electronic	38.25	USD	FRPL				38.25	0.2	USD	FRPL
IPE	ICE Futures	Energy	DAT	Diesel 10ppm (UK) CIF NWE Cargoes vs Gasoil 1st Line Balmo Swap Day 20	Fut	Electronic	38.25	USD	FRPL				38.25	0.2	USD	FRPL
IPE	ICE Futures	Energy	DAU	Diesel 10ppm (UK) CIF NWE Cargoes vs Gasoil 1st Line Balmo Swap Day 21	Fut	Electronic	38.25	USD	FRPL				38.25	0.2	USD	FRPL
IPE	ICE Futures	Energy	DAV	Diesel 10ppm (UK) CIF NWE Cargoes vs Gasoil 1st Line Balmo Swap Day 22	Fut	Electronic	38.25	USD	FRPL				38.25	0.2	USD	FRPL
IPE	ICE Futures	Energy	DAW	Diesel 10ppm (UK) CIF NWE Cargoes vs Gasoil 1st Line Balmo Swap Day 23	Fut	Electronic	38.25	USD	FRPL				38.25	0.2	USD	FRPL
IPE	ICE Futures	Energy	DAX	Diesel 10ppm (UK) CIF NWE Cargoes vs Gasoil 1st Line Balmo Swap Day 24	Fut	Electronic	38.25	USD	FRPL				38.25	0.2	USD	FRPL

Exch Code	Exch Desc	Comm Group	Prod Code	Product Desc	F/O	Platform	Trd Fee	Trd Fee Cur	Trd Fee Meth	Clr Fee	Clr Fee Cur	Clr Fee Meth	Fee Total	Brk Fee	Brk Fee Cur	Brk Fee Meth
IPE	ICE Futures	Energy	DAY	Diesel 10ppm (UK) CIF NWE Cargoes vs Gasoil 1st Line Balmo Swap Day 25	Fut	Electronic	38.25	USD	FRPL				38.25	0.2	USD	FRPL
IPE	ICE Futures	Energy	DAZ	Diesel 10ppm (UK) CIF NWE Cargoes vs Gasoil 1st Line Balmo Swap Day 26	Fut	Electronic	38.25	USD	FRPL				38.25	0.2	USD	FRPL
IPE	ICE Futures	Energy	DBA	Diesel 10ppm (UK) CIF NWE Cargoes vs Gasoil 1st Line Balmo Swap Day 27	Fut	Electronic	38.25	USD	FRPL				38.25	0.2	USD	FRPL
IPE	ICE Futures	Energy	DBB	Diesel 10ppm (UK) CIF NWE Cargoes vs Gasoil 1st Line Balmo Swap Day 28	Fut	Electronic	38.25	USD	FRPL				38.25	0.2	USD	FRPL
IPE	ICE Futures	Energy	DBC	Diesel 10ppm (UK) CIF NWE Cargoes vs Gasoil 1st Line Balmo Swap Day 29	Fut	Electronic	38.25	USD	FRPL				38.25	0.2	USD	FRPL
IPE	ICE Futures	Energy	DBD	Diesel 10ppm (UK) CIF NWE Cargoes vs Gasoil 1st Line Balmo Swap Day 30	Fut	Electronic	38.25	USD	FRPL				38.25	0.2	USD	FRPL
IPE	ICE Futures	Energy	DBE	Diesel 10ppm (UK) CIF NWE Cargoes vs Gasoil 1st Line Balmo Swap Day 31	Fut	Electronic	38.25	USD	FRPL				38.25	0.2	USD	FRPL
IPE	ICE Futures	Energy	DBF	Dated Brent vs Brent 1st Line Swap	Fut	Electronic	2.59	USD	FRPL				2.59	0.2	USD	FRPL
IPE	ICE Futures	Energy	DBI	Dubai 1st Line Swap	Fut	Electronic	2.59	USD	FRPL				2.59	0.2	USD	FRPL
IPE	ICE Futures	Energy	DCC	Diesel 10ppm CIF NWE Cargoes Swap	Fut	Electronic	38.25	USD	FRPL				38.25	0.2	USD	FRPL
IPE	ICE Futures	Energy	DCG	Diesel 10ppm CIF NWE (Le Havre) vs Gasoil 1st Line Swap	Fut	Electronic	38.25	USD	FRPL				38.25	0.2	USD	FRPL
IPE	ICE Futures	Energy	DCN	Diesel 10ppm (UK) CIF NWE Cargoes Swap	Fut	Electronic	38.25	USD	FRPL				38.25	0.2	USD	FRPL
IPE	ICE Futures	Energy	DCU	Diesel 10ppm (UK) CIF NWE Cargoes vs Gasoil 1st Line Swap	Fut	Electronic	38.25	USD	FRPL				38.25	0.2	USD	FRPL
IPE	ICE Futures	Energy	DFG	Diesel 10ppm FOB Rotterdam Barges vs Gasoil 1st Line Swap	Fut	Electronic	38.25	USD	FRPL				38.25	0.2	USD	FRPL
IPE	ICE Futures	Energy	DFI	Diesel 10ppm FOB Rotterdam Barges vs Gasoil 50ppm FOB Rotterdam Barges Swap	Fut	Electronic	38.25	USD	FRPL				38.25	0.2	USD	FRPL
IPE	ICE Futures	Energy	DHA	Diesel 10ppm CIF NWE (Le Havre) Cargoes vs Gasoil 1st Line Balmo Swap Day 1	Fut	Electronic	38.25	USD	FRPL				38.25	0.2	USD	FRPL
IPE	ICE Futures	Energy	DHB	Diesel 10ppm CIF NWE (Le Havre) Cargoes vs Gasoil 1st Line Balmo Swap Day 2	Fut	Electronic	38.25	USD	FRPL				38.25	0.2	USD	FRPL
IPE	ICE Futures	Energy	DHC	Diesel 10ppm CIF NWE (Le Havre) Cargoes vs Gasoil 1st Line Balmo Swap Day 3	Fut	Electronic	38.25	USD	FRPL				38.25	0.2	USD	FRPL
IPE	ICE Futures	Energy	DHD	Diesel 10ppm CIF NWE (Le Havre) Cargoes vs Gasoil 1st Line Balmo Swap Day 4	Fut	Electronic	38.25	USD	FRPL				38.25	0.2	USD	FRPL
IPE	ICE Futures	Energy	DHE	Diesel 10ppm CIF NWE (Le Havre) Cargoes vs Gasoil 1st Line Balmo Swap Day 5	Fut	Electronic	38.25	USD	FRPL				38.25	0.2	USD	FRPL
IPE	ICE Futures	Energy	DHF	Diesel 10ppm CIF NWE (Le Havre) Cargoes vs Gasoil 1st Line Balmo Swap Day 6	Fut	Electronic	38.25	USD	FRPL				38.25	0.2	USD	FRPL
IPE	ICE Futures	Energy	DHG	Diesel 10ppm CIF NWE (Le Havre) Cargoes vs Gasoil 1st Line Balmo Swap Day 7	Fut	Electronic	38.25	USD	FRPL				38.25	0.2	USD	FRPL
IPE	ICE Futures	Energy	DHH	Diesel 10ppm CIF NWE (Le Havre) Cargoes vs Gasoil 1st Line Balmo Swap Day 8	Fut	Electronic	38.25	USD	FRPL				38.25	0.2	USD	FRPL
IPE	ICE Futures	Energy	DHI	Diesel 10ppm CIF NWE (Le Havre) Cargoes vs Gasoil 1st Line Balmo Swap Day 9	Fut	Electronic	38.25	USD	FRPL				38.25	0.2	USD	FRPL
IPE	ICE Futures	Energy	DHJ	Diesel 10ppm CIF NWE (Le Havre) Cargoes vs Gasoil 1st Line Balmo Swap Day 10	Fut	Electronic	38.25	USD	FRPL				38.25	0.2	USD	FRPL
IPE	ICE Futures	Energy	DHK	Diesel 10ppm CIF NWE (Le Havre) Cargoes vs Gasoil 1st Line Balmo Swap Day 11	Fut	Electronic	38.25	USD	FRPL				38.25	0.2	USD	FRPL
IPE	ICE Futures	Energy	DHL	Diesel 10ppm CIF NWE (Le Havre) Cargoes vs Gasoil 1st Line Balmo Swap Day 12	Fut	Electronic	38.25	USD	FRPL				38.25	0.2	USD	FRPL
IPE	ICE Futures	Energy	DHM	Diesel 10ppm CIF NWE (Le Havre) Cargoes vs Gasoil 1st Line Balmo Swap Day 13	Fut	Electronic	38.25	USD	FRPL				38.25	0.2	USD	FRPL
IPE	ICE Futures	Energy	DHN	Diesel 10ppm CIF NWE (Le Havre) Cargoes vs Gasoil 1st Line Balmo Swap Day 14	Fut	Electronic	38.25	USD	FRPL				38.25	0.2	USD	FRPL
IPE	ICE Futures	Energy	DHO	Diesel 10ppm CIF NWE (Le Havre) Cargoes vs Gasoil 1st Line Balmo Swap Day 15	Fut	Electronic	38.25	USD	FRPL				38.25	0.2	USD	FRPL
IPE	ICE Futures	Energy	DHP	Diesel 10ppm CIF NWE (Le Havre) Cargoes vs Gasoil 1st Line Balmo Swap Day 16	Fut	Electronic	38.25	USD	FRPL				38.25	0.2	USD	FRPL
IPE	ICE Futures	Energy	DHQ	Diesel 10ppm CIF NWE (Le Havre) Cargoes vs Gasoil 1st Line Balmo Swap Day 17	Fut	Electronic	38.25	USD	FRPL				38.25	0.2	USD	FRPL
IPE	ICE Futures	Energy	DHR	Diesel 10ppm CIF NWE (Le Havre) Cargoes vs Gasoil 1st Line Balmo Swap Day 18	Fut	Electronic	38.25	USD	FRPL				38.25	0.2	USD	FRPL

Exch Code	Exch Desc	Comm Group	Prod Code	Product Desc	F/O	Platform	Trd Fee	Trd Fee Cur	Trd Fee Meth	Clr Fee	Clr Fee Cur	Clr Fee Meth	Fee Total	Brk Fee	Brk Fee Cur	Brk Fee Meth
IPE	ICE Futures	Energy	DHS	Diesel 10ppm CIF NWE (Le Havre) Cargoes vs Gasoil 1st Line Balmo Swap Day 19	Fut	Electronic	38.25	USD	FRPL				38.25	0.2	USD	FRPL
IPE	ICE Futures	Energy	DHT	Diesel 10ppm CIF NWE (Le Havre) Cargoes vs Gasoil 1st Line Balmo Swap Day 20	Fut	Electronic	38.25	USD	FRPL				38.25	0.2	USD	FRPL
IPE	ICE Futures	Energy	DHU	Diesel 10ppm CIF NWE (Le Havre) Cargoes vs Gasoil 1st Line Balmo Swap Day 21	Fut	Electronic	38.25	USD	FRPL				38.25	0.2	USD	FRPL
IPE	ICE Futures	Energy	DHV	Diesel 10ppm CIF NWE (Le Havre) Cargoes vs Gasoil 1st Line Balmo Swap Day 22	Fut	Electronic	38.25	USD	FRPL				38.25	0.2	USD	FRPL
IPE	ICE Futures	Energy	DHW	Diesel 10ppm CIF NWE (Le Havre) Cargoes vs Gasoil 1st Line Balmo Swap Day 23	Fut	Electronic	38.25	USD	FRPL				38.25	0.2	USD	FRPL
IPE	ICE Futures	Energy	DHX	Diesel 10ppm CIF NWE (Le Havre) Cargoes vs Gasoil 1st Line Balmo Swap Day 24	Fut	Electronic	38.25	USD	FRPL				38.25	0.2	USD	FRPL
IPE	ICE Futures	Energy	DHY	Diesel 10ppm CIF NWE (Le Havre) Cargoes vs Gasoil 1st Line Balmo Swap Day 25	Fut	Electronic	38.25	USD	FRPL				38.25	0.2	USD	FRPL
IPE	ICE Futures	Energy	DHZ	Diesel 10ppm CIF NWE (Le Havre) Cargoes vs Gasoil 1st Line Balmo Swap Day 26	Fut	Electronic	38.25	USD	FRPL				38.25	0.2	USD	FRPL
IPE	ICE Futures	Energy	DIA	Diesel 10ppm CIF NWE (Le Havre) Cargoes vs Gasoil 1st Line Balmo Swap Day 27	Fut	Electronic	38.25	USD	FRPL				38.25	0.2	USD	FRPL
IPE	ICE Futures	Energy	DIB	Diesel 10ppm CIF NWE (Le Havre) Cargoes vs Gasoil 1st Line Balmo Swap Day 28	Fut	Electronic	38.25	USD	FRPL				38.25	0.2	USD	FRPL
IPE	ICE Futures	Energy	DIC	Diesel 10ppm CIF NWE (Le Havre) Cargoes vs Gasoil 1st Line Balmo Swap Day 29	Fut	Electronic	38.25	USD	FRPL				38.25	0.2	USD	FRPL
IPE	ICE Futures	Energy	DID	Diesel 10ppm CIF NWE (Le Havre) Cargoes vs Gasoil 1st Line Balmo Swap Day 30	Fut	Electronic	38.25	USD	FRPL				38.25	0.2	USD	FRPL
IPE	ICE Futures	Energy	DIE	Diesel 10ppm CIF NWE (Le Havre) Cargoes vs Gasoil 1st Line Balmo Swap Day 31	Fut	Electronic	38.25	USD	FRPL				38.25	0.2	USD	FRPL
IPE	ICE Futures	Energy	DJA	Fuel Oil 1% FOB Med Cargoes Balmo Swap Day 1	Fut	Electronic	32.75	USD	FRPL				32.75	0.2	USD	FRPL
IPE	ICE Futures	Energy	DJB	Fuel Oil 1% FOB Med Cargoes Balmo Swap Day 2	Fut	Electronic	32.75	USD	FRPL				32.75	0.2	USD	FRPL
IPE	ICE Futures	Energy	DJC	Fuel Oil 1% FOB Med Cargoes Balmo Swap Day 3	Fut	Electronic	32.75	USD	FRPL				32.75	0.2	USD	FRPL
IPE	ICE Futures	Energy	DJD	Fuel Oil 1% FOB Med Cargoes Balmo Swap Day 4	Fut	Electronic	32.75	USD	FRPL				32.75	0.2	USD	FRPL
IPE	ICE Futures	Energy	DJE	Fuel Oil 1% FOB Med Cargoes Balmo Swap Day 5	Fut	Electronic	32.75	USD	FRPL				32.75	0.2	USD	FRPL
IPE	ICE Futures	Energy	DJF	Fuel Oil 1% FOB Med Cargoes Balmo Swap Day 6	Fut	Electronic	32.75	USD	FRPL				32.75	0.2	USD	FRPL
IPE	ICE Futures	Energy	DJG	Fuel Oil 1% FOB Med Cargoes Balmo Swap Day 7	Fut	Electronic	32.75	USD	FRPL				32.75	0.2	USD	FRPL
IPE	ICE Futures	Energy	DJH	Fuel Oil 1% FOB Med Cargoes Balmo Swap Day 8	Fut	Electronic	32.75	USD	FRPL				32.75	0.2	USD	FRPL
IPE	ICE Futures	Energy	DJI	Fuel Oil 1% FOB Med Cargoes Balmo Swap Day 9	Fut	Electronic	32.75	USD	FRPL				32.75	0.2	USD	FRPL
IPE	ICE Futures	Energy	DJJ	Fuel Oil 1% FOB Med Cargoes Balmo Swap Day 10	Fut	Electronic	32.75	USD	FRPL				32.75	0.2	USD	FRPL
IPE	ICE Futures	Energy	DJK	Fuel Oil 1% FOB Med Cargoes Balmo Swap Day 11	Fut	Electronic	32.75	USD	FRPL				32.75	0.2	USD	FRPL
IPE	ICE Futures	Energy	DJL	Fuel Oil 1% FOB Med Cargoes Balmo Swap Day 12	Fut	Electronic	32.75	USD	FRPL				32.75	0.2	USD	FRPL
IPE	ICE Futures	Energy	DJM	Fuel Oil 1% FOB Med Cargoes Balmo Swap Day 13	Fut	Electronic	32.75	USD	FRPL				32.75	0.2	USD	FRPL
IPE	ICE Futures	Energy	DJN	Fuel Oil 1% FOB Med Cargoes Balmo Swap Day 14	Fut	Electronic	32.75	USD	FRPL				32.75	0.2	USD	FRPL
IPE	ICE Futures	Energy	DJO	Fuel Oil 1% FOB Med Cargoes Balmo Swap Day 15	Fut	Electronic	32.75	USD	FRPL				32.75	0.2	USD	FRPL
IPE	ICE Futures	Energy	DJP	Fuel Oil 1% FOB Med Cargoes Balmo Swap Day 16	Fut	Electronic	32.75	USD	FRPL				32.75	0.2	USD	FRPL
IPE	ICE Futures	Energy	DJQ	Fuel Oil 1% FOB Med Cargoes Balmo Swap Day 17	Fut	Electronic	32.75	USD	FRPL				32.75	0.2	USD	FRPL
IPE	ICE Futures	Energy	DJR	Fuel Oil 1% FOB Med Cargoes Balmo Swap Day 18	Fut	Electronic	32.75	USD	FRPL				32.75	0.2	USD	FRPL
IPE	ICE Futures	Energy	DJS	Fuel Oil 1% FOB Med Cargoes Balmo Swap Day 19	Fut	Electronic	32.75	USD	FRPL				32.75	0.2	USD	FRPL
IPE	ICE Futures	Energy	DJT	Fuel Oil 1% FOB Med Cargoes Balmo Swap Day 20	Fut	Electronic	32.75	USD	FRPL				32.75	0.2	USD	FRPL
IPE	ICE Futures	Energy	DJU	Fuel Oil 1% FOB Med Cargoes Balmo Swap Day 21	Fut	Electronic	32.75	USD	FRPL				32.75	0.2	USD	FRPL
IPE	ICE Futures	Energy	DJV	Fuel Oil 1% FOB Med Cargoes Balmo Swap Day 22	Fut	Electronic	32.75	USD	FRPL				32.75	0.2	USD	FRPL
IPE	ICE Futures	Energy	DJW	Fuel Oil 1% FOB Med Cargoes Balmo Swap Day 23	Fut	Electronic	32.75	USD	FRPL				32.75	0.2	USD	FRPL
IPE	ICE Futures	Energy	DJX	Fuel Oil 1% FOB Med Cargoes Balmo Swap Day 24	Fut	Electronic	32.75	USD	FRPL				32.75	0.2	USD	FRPL
IPE	ICE Futures	Energy	DJY	Fuel Oil 1% FOB Med Cargoes Balmo Swap Day 25	Fut	Electronic	32.75	USD	FRPL				32.75	0.2	USD	FRPL
IPE	ICE Futures	Energy	DJZ	Fuel Oil 1% FOB Med Cargoes Balmo Swap Day 26	Fut	Electronic	32.75	USD	FRPL				32.75	0.2	USD	FRPL
IPE	ICE Futures	Energy	DKA	Fuel Oil 1% FOB Med Cargoes Balmo Swap Day 27	Fut	Electronic	32.75	USD	FRPL				32.75	0.2	USD	FRPL
IPE	ICE Futures	Energy	DKB	Fuel Oil 1% FOB Med Cargoes Balmo Swap Day 28	Fut	Electronic	32.75	USD	FRPL				32.75	0.2	USD	FRPL
IPE	ICE Futures	Energy	DKC	Fuel Oil 1% FOB Med Cargoes Balmo Swap Day 29	Fut	Electronic	32.75	USD	FRPL				32.75	0.2	USD	FRPL
IPE	ICE Futures	Energy	DKD	Fuel Oil 1% FOB Med Cargoes Balmo Swap Day 30	Fut	Electronic	32.75	USD	FRPL				32.75	0.2	USD	FRPL
IPE	ICE Futures	Energy	DKE	Fuel Oil 1% FOB Med Cargoes Balmo Swap Day 31	Fut	Electronic	32.75	USD	FRPL				32.75	0.2	USD	FRPL
IPE	ICE Futures	Energy	DLA	Fuel Oil 1% FOB Rotterdam Barges vs 1% FOB NWE Cargoes Balmo Swap Day 1	Fut	Electronic	32.75	USD	FRPL				32.75	0.2	USD	FRPL

Exch Code	Exch Desc	Comm Group	Prod Code	Product Desc	F/O	Platform	Trd Fee	Trd Fee Cur	Trd Fee Meth	Clr Fee	Clr Fee Cur	Clr Fee Meth	Fee Total	Brk Fee	Brk Fee Cur	Brk Fee Meth
IPE	ICE Futures	Energy	DLB	Fuel Oil 1% FOB Rotterdam Barges vs 1% FOB NWE Cargoes Balmo Swap Day 2	Fut	Electronic	32.75	USD	FRPL				32.75	0.2	USD	FRPL
IPE	ICE Futures	Energy	DLC	Fuel Oil 1% FOB Rotterdam Barges vs 1% FOB NWE Cargoes Balmo Swap Day 3	Fut	Electronic	32.75	USD	FRPL				32.75	0.2	USD	FRPL
IPE	ICE Futures	Energy	DLD	Fuel Oil 1% FOB Rotterdam Barges vs 1% FOB NWE Cargoes Balmo Swap Day 4	Fut	Electronic	32.75	USD	FRPL				32.75	0.2	USD	FRPL
IPE	ICE Futures	Energy	DLE	Fuel Oil 1% FOB Rotterdam Barges vs 1% FOB NWE Cargoes Balmo Swap Day 5	Fut	Electronic	32.75	USD	FRPL				32.75	0.2	USD	FRPL
IPE	ICE Futures	Energy	DLF	Fuel Oil 1% FOB Rotterdam Barges vs 1% FOB NWE Cargoes Balmo Swap Day 6	Fut	Electronic	32.75	USD	FRPL				32.75	0.2	USD	FRPL
IPE	ICE Futures	Energy	DLG	Fuel Oil 1% FOB Rotterdam Barges vs 1% FOB NWE Cargoes Balmo Swap Day 7	Fut	Electronic	32.75	USD	FRPL				32.75	0.2	USD	FRPL
IPE	ICE Futures	Energy	DLH	Fuel Oil 1% FOB Rotterdam Barges vs 1% FOB NWE Cargoes Balmo Swap Day 8	Fut	Electronic	32.75	USD	FRPL				32.75	0.2	USD	FRPL
IPE	ICE Futures	Energy	DLI	Fuel Oil 1% FOB Rotterdam Barges vs 1% FOB NWE Cargoes Balmo Swap Day 9	Fut	Electronic	32.75	USD	FRPL				32.75	0.2	USD	FRPL
IPE	ICE Futures	Energy	DLJ	Fuel Oil 1% FOB Rotterdam Barges vs 1% FOB NWE Cargoes Balmo Swap Day 10	Fut	Electronic	32.75	USD	FRPL				32.75	0.2	USD	FRPL
IPE	ICE Futures	Energy	DLK	Fuel Oil 1% FOB Rotterdam Barges vs 1% FOB NWE Cargoes Balmo Swap Day 11	Fut	Electronic	32.75	USD	FRPL				32.75	0.2	USD	FRPL
IPE	ICE Futures	Energy	DLL	Fuel Oil 1% FOB Rotterdam Barges vs 1% FOB NWE Cargoes Balmo Swap Day 12	Fut	Electronic	32.75	USD	FRPL				32.75	0.2	USD	FRPL
IPE	ICE Futures	Energy	DLM	Fuel Oil 1% FOB Rotterdam Barges vs 1% FOB NWE Cargoes Balmo Swap Day 13	Fut	Electronic	32.75	USD	FRPL				32.75	0.2	USD	FRPL
IPE	ICE Futures	Energy	DLN	Fuel Oil 1% FOB Rotterdam Barges vs 1% FOB NWE Cargoes Balmo Swap Day 14	Fut	Electronic	32.75	USD	FRPL				32.75	0.2	USD	FRPL
IPE	ICE Futures	Energy	DLO	Fuel Oil 1% FOB Rotterdam Barges vs 1% FOB NWE Cargoes Balmo Swap Day 15	Fut	Electronic	32.75	USD	FRPL				32.75	0.2	USD	FRPL
IPE	ICE Futures	Energy	DLP	Fuel Oil 1% FOB Rotterdam Barges vs 1% FOB NWE Cargoes Balmo Swap Day 16	Fut	Electronic	32.75	USD	FRPL				32.75	0.2	USD	FRPL
IPE	ICE Futures	Energy	DLQ	Fuel Oil 1% FOB Rotterdam Barges vs 1% FOB NWE Cargoes Balmo Swap Day 17	Fut	Electronic	32.75	USD	FRPL				32.75	0.2	USD	FRPL
IPE	ICE Futures	Energy	DLR	Fuel Oil 1% FOB Rotterdam Barges vs 1% FOB NWE Cargoes Balmo Swap Day 18	Fut	Electronic	32.75	USD	FRPL				32.75	0.2	USD	FRPL
IPE	ICE Futures	Energy	DLS	Fuel Oil 1% FOB Rotterdam Barges vs 1% FOB NWE Cargoes Balmo Swap Day 19	Fut	Electronic	32.75	USD	FRPL				32.75	0.2	USD	FRPL
IPE	ICE Futures	Energy	DLT	Fuel Oil 1% FOB Rotterdam Barges vs 1% FOB NWE Cargoes Balmo Swap Day 20	Fut	Electronic	32.75	USD	FRPL				32.75	0.2	USD	FRPL
IPE	ICE Futures	Energy	DLU	Fuel Oil 1% FOB Rotterdam Barges vs 1% FOB NWE Cargoes Balmo Swap Day 21	Fut	Electronic	32.75	USD	FRPL				32.75	0.2	USD	FRPL
IPE	ICE Futures	Energy	DLV	Fuel Oil 1% FOB Rotterdam Barges vs 1% FOB NWE Cargoes Balmo Swap Day 22	Fut	Electronic	32.75	USD	FRPL				32.75	0.2	USD	FRPL
IPE	ICE Futures	Energy	DLW	Fuel Oil 1% FOB Rotterdam Barges vs 1% FOB NWE Cargoes Balmo Swap Day 23	Fut	Electronic	32.75	USD	FRPL				32.75	0.2	USD	FRPL
IPE	ICE Futures	Energy	DLX	Fuel Oil 1% FOB Rotterdam Barges vs 1% FOB NWE Cargoes Balmo Swap Day 24	Fut	Electronic	32.75	USD	FRPL				32.75	0.2	USD	FRPL
IPE	ICE Futures	Energy	DLY	Fuel Oil 1% FOB Rotterdam Barges vs 1% FOB NWE Cargoes Balmo Swap Day 25	Fut	Electronic	32.75	USD	FRPL				32.75	0.2	USD	FRPL
IPE	ICE Futures	Energy	DLZ	Fuel Oil 1% FOB Rotterdam Barges vs 1% FOB NWE Cargoes Balmo Swap Day 26	Fut	Electronic	32.75	USD	FRPL				32.75	0.2	USD	FRPL
IPE	ICE Futures	Energy	DMA	Fuel Oil 1% FOB Rotterdam Barges vs 1% FOB NWE Cargoes Balmo Swap Day 27	Fut	Electronic	32.75	USD	FRPL				32.75	0.2	USD	FRPL
IPE	ICE Futures	Energy	DMB	Fuel Oil 1% FOB Rotterdam Barges vs 1% FOB NWE Cargoes Balmo Swap Day 28	Fut	Electronic	32.75	USD	FRPL				32.75	0.2	USD	FRPL
IPE	ICE Futures	Energy	DMC	Fuel Oil 1% FOB Rotterdam Barges vs 1% FOB NWE Cargoes Balmo Swap Day 29	Fut	Electronic	32.75	USD	FRPL				32.75	0.2	USD	FRPL
IPE	ICE Futures	Energy	DMD	Fuel Oil 1% FOB Rotterdam Barges vs 1% FOB NWE Cargoes Balmo Swap Day 30	Fut	Electronic	32.75	USD	FRPL				32.75	0.2	USD	FRPL

Exch Code	Exch Desc	Comm Group	Prod Code	Product Desc	F/O	Platform	Trd Fee	Trd Fee Cur	Trd Fee Meth	Clr Fee	Clr Fee Cur	Clr Fee Meth	Fee Total	Brk Fee	Brk Fee Cur	Brk Fee Meth
IPE	ICE Futures	Energy	DME	Fuel Oil 1% FOB Rotterdam Barges vs 1% FOB NWE Cargoes Balmo Swap Day 31	Fut	Electronic	32.75	USD	FRPL				32.75	0.2	USD	FRPL
IPE	ICE Futures	Energy	DMG	ULSD 10ppm CIF Med Cargoes vs Gasoil 1st Line Swap	Fut	Electronic	38.25	USD	FRPL				38.25	0.2	USD	FRPL
IPE	ICE Futures	Energy	DOR	Diesel 10ppm FOB Rotterdam Barges Swap	Fut	Electronic	38.25	USD	FRPL				38.25	0.2	USD	FRPL
IPE	ICE Futures	Energy	DTA	Fuel Oil 3.5% FOB Med Cargoes vs 3.5% FOB Rotterdam Barges Balmo Swap Day 1	Fut	Electronic	32.75	USD	FRPL				32.75	0.2	USD	FRPL
IPE	ICE Futures	Energy	DTB	Fuel Oil 3.5% FOB Med Cargoes vs 3.5% FOB Rotterdam Barges Balmo Swap Day 2	Fut	Electronic	32.75	USD	FRPL				32.75	0.2	USD	FRPL
IPE	ICE Futures	Energy	DTC	Fuel Oil 3.5% FOB Med Cargoes vs 3.5% FOB Rotterdam Barges Balmo Swap Day 3	Fut	Electronic	32.75	USD	FRPL				32.75	0.2	USD	FRPL
IPE	ICE Futures	Energy	DTD	Fuel Oil 3.5% FOB Med Cargoes vs 3.5% FOB Rotterdam Barges Balmo Swap Day 4	Fut	Electronic	32.75	USD	FRPL				32.75	0.2	USD	FRPL
IPE	ICE Futures	Energy	DTE	Fuel Oil 3.5% FOB Med Cargoes vs 3.5% FOB Rotterdam Barges Balmo Swap Day 5	Fut	Electronic	32.75	USD	FRPL				32.75	0.2	USD	FRPL
IPE	ICE Futures	Energy	DTF	Fuel Oil 3.5% FOB Med Cargoes vs 3.5% FOB Rotterdam Barges Balmo Swap Day 6	Fut	Electronic	32.75	USD	FRPL				32.75	0.2	USD	FRPL
IPE	ICE Futures	Energy	DTG	Fuel Oil 3.5% FOB Med Cargoes vs 3.5% FOB Rotterdam Barges Balmo Swap Day 7	Fut	Electronic	32.75	USD	FRPL				32.75	0.2	USD	FRPL
IPE	ICE Futures	Energy	DTH	Fuel Oil 3.5% FOB Med Cargoes vs 3.5% FOB Rotterdam Barges Balmo Swap Day 8	Fut	Electronic	32.75	USD	FRPL				32.75	0.2	USD	FRPL
IPE	ICE Futures	Energy	DTI	Fuel Oil 3.5% FOB Med Cargoes vs 3.5% FOB Rotterdam Barges Balmo Swap Day 9	Fut	Electronic	32.75	USD	FRPL				32.75	0.2	USD	FRPL
IPE	ICE Futures	Energy	DTJ	Fuel Oil 3.5% FOB Med Cargoes vs 3.5% FOB Rotterdam Barges Balmo Swap Day 10	Fut	Electronic	32.75	USD	FRPL				32.75	0.2	USD	FRPL
IPE	ICE Futures	Energy	DTK	Fuel Oil 3.5% FOB Med Cargoes vs 3.5% FOB Rotterdam Barges Balmo Swap Day 11	Fut	Electronic	32.75	USD	FRPL				32.75	0.2	USD	FRPL
IPE	ICE Futures	Energy	DTL	Fuel Oil 3.5% FOB Med Cargoes vs 3.5% FOB Rotterdam Barges Balmo Swap Day 12	Fut	Electronic	32.75	USD	FRPL				32.75	0.2	USD	FRPL
IPE	ICE Futures	Energy	DTM	Fuel Oil 3.5% FOB Med Cargoes vs 3.5% FOB Rotterdam Barges Balmo Swap Day 13	Fut	Electronic	32.75	USD	FRPL				32.75	0.2	USD	FRPL
IPE	ICE Futures	Energy	DTN	Fuel Oil 3.5% FOB Med Cargoes vs 3.5% FOB Rotterdam Barges Balmo Swap Day 14	Fut	Electronic	32.75	USD	FRPL				32.75	0.2	USD	FRPL
IPE	ICE Futures	Energy	DTO	Fuel Oil 3.5% FOB Med Cargoes vs 3.5% FOB Rotterdam Barges Balmo Swap Day 15	Fut	Electronic	32.75	USD	FRPL				32.75	0.2	USD	FRPL
IPE	ICE Futures	Energy	DTP	Fuel Oil 3.5% FOB Med Cargoes vs 3.5% FOB Rotterdam Barges Balmo Swap Day 16	Fut	Electronic	32.75	USD	FRPL				32.75	0.2	USD	FRPL
IPE	ICE Futures	Energy	DTQ	Fuel Oil 3.5% FOB Med Cargoes vs 3.5% FOB Rotterdam Barges Balmo Swap Day 17	Fut	Electronic	32.75	USD	FRPL				32.75	0.2	USD	FRPL
IPE	ICE Futures	Energy	DTR	Fuel Oil 3.5% FOB Med Cargoes vs 3.5% FOB Rotterdam Barges Balmo Swap Day 18	Fut	Electronic	32.75	USD	FRPL				32.75	0.2	USD	FRPL
IPE	ICE Futures	Energy	DTS	Fuel Oil 3.5% FOB Med Cargoes vs 3.5% FOB Rotterdam Barges Balmo Swap Day 19	Fut	Electronic	32.75	USD	FRPL				32.75	0.2	USD	FRPL
IPE	ICE Futures	Energy	DTT	Fuel Oil 3.5% FOB Med Cargoes vs 3.5% FOB Rotterdam Barges Balmo Swap Day 20	Fut	Electronic	32.75	USD	FRPL				32.75	0.2	USD	FRPL
IPE	ICE Futures	Energy	DTU	Fuel Oil 3.5% FOB Med Cargoes vs 3.5% FOB Rotterdam Barges Balmo Swap Day 21	Fut	Electronic	32.75	USD	FRPL				32.75	0.2	USD	FRPL
IPE	ICE Futures	Energy	DTV	Fuel Oil 3.5% FOB Med Cargoes vs 3.5% FOB Rotterdam Barges Balmo Swap Day 22	Fut	Electronic	32.75	USD	FRPL				32.75	0.2	USD	FRPL
IPE	ICE Futures	Energy	DTW	Fuel Oil 3.5% FOB Med Cargoes vs 3.5% FOB Rotterdam Barges Balmo Swap Day 23	Fut	Electronic	32.75	USD	FRPL				32.75	0.2	USD	FRPL
IPE	ICE Futures	Energy	DTX	Fuel Oil 3.5% FOB Med Cargoes vs 3.5% FOB Rotterdam Barges Balmo Swap Day 24	Fut	Electronic	32.75	USD	FRPL				32.75	0.2	USD	FRPL
IPE	ICE Futures	Energy	DTY	Fuel Oil 3.5% FOB Med Cargoes vs 3.5% FOB Rotterdam Barges Balmo Swap Day 25	Fut	Electronic	32.75	USD	FRPL				32.75	0.2	USD	FRPL
IPE	ICE Futures	Energy	DTZ	Fuel Oil 3.5% FOB Med Cargoes vs 3.5% FOB Rotterdam Barges Balmo Swap Day 26	Fut	Electronic	32.75	USD	FRPL				32.75	0.2	USD	FRPL
IPE	ICE Futures	Energy	DUA	Fuel Oil 3.5% FOB Med Cargoes vs 3.5% FOB Rotterdam Barges Balmo Swap Day 27	Fut	Electronic	32.75	USD	FRPL				32.75	0.2	USD	FRPL

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IPE	ICE Futures	Energy	DUB	Fuel Oil 3.5% FOB Med Cargoes vs 3.5% FOB Rotterdam Barges Balmo Swap Day 28	Fut	Electronic	32.75	USD	FRPL				32.75	0.2	USD	FRPL
IPE	ICE Futures	Energy	DUC	Fuel Oil 3.5% FOB Med Cargoes vs 3.5% FOB Rotterdam Barges Balmo Swap Day 29	Fut	Electronic	32.75	USD	FRPL				32.75	0.2	USD	FRPL
IPE	ICE Futures	Energy	DUD	Fuel Oil 3.5% FOB Med Cargoes vs 3.5% FOB Rotterdam Barges Balmo Swap Day 30	Fut	Electronic	32.75	USD	FRPL				32.75	0.2	USD	FRPL
IPE	ICE Futures	Energy	DUE	Fuel Oil 3.5% FOB Med Cargoes vs 3.5% FOB Rotterdam Barges Balmo Swap Day 31	Fut	Electronic	32.75	USD	FRPL				32.75	0.2	USD	FRPL
IPE	ICE Futures	Energy	DVA	Gasoil 0.1% CIF NWE Cargoes vs Gasoil 1st Line Balmo Swap Day 1	Fut	Electronic	38.25	USD	FRPL				38.25	0.2	USD	FRPL
IPE	ICE Futures	Energy	DVB	Gasoil 0.1% CIF NWE Cargoes vs Gasoil 1st Line Balmo Swap Day 2	Fut	Electronic	38.25	USD	FRPL				38.25	0.2	USD	FRPL
IPE	ICE Futures	Energy	DVC	Gasoil 0.1% CIF NWE Cargoes vs Gasoil 1st Line Balmo Swap Day 3	Fut	Electronic	38.25	USD	FRPL				38.25	0.2	USD	FRPL
IPE	ICE Futures	Energy	DVD	Gasoil 0.1% CIF NWE Cargoes vs Gasoil 1st Line Balmo Swap Day 4	Fut	Electronic	38.25	USD	FRPL				38.25	0.2	USD	FRPL
IPE	ICE Futures	Energy	DVE	Gasoil 0.1% CIF NWE Cargoes vs Gasoil 1st Line Balmo Swap Day 5	Fut	Electronic	38.25	USD	FRPL				38.25	0.2	USD	FRPL
IPE	ICE Futures	Energy	DVF	Gasoil 0.1% CIF NWE Cargoes vs Gasoil 1st Line Balmo Swap Day 6	Fut	Electronic	38.25	USD	FRPL				38.25	0.2	USD	FRPL
IPE	ICE Futures	Energy	DVG	Gasoil 0.1% CIF NWE Cargoes vs Gasoil 1st Line Balmo Swap Day 7	Fut	Electronic	38.25	USD	FRPL				38.25	0.2	USD	FRPL
IPE	ICE Futures	Energy	DVH	Gasoil 0.1% CIF NWE Cargoes vs Gasoil 1st Line Balmo Swap Day 8	Fut	Electronic	38.25	USD	FRPL				38.25	0.2	USD	FRPL
IPE	ICE Futures	Energy	DVI	Gasoil 0.1% CIF NWE Cargoes vs Gasoil 1st Line Balmo Swap Day 9	Fut	Electronic	38.25	USD	FRPL				38.25	0.2	USD	FRPL
IPE	ICE Futures	Energy	DVJ	Gasoil 0.1% CIF NWE Cargoes vs Gasoil 1st Line Balmo Swap Day 10	Fut	Electronic	38.25	USD	FRPL				38.25	0.2	USD	FRPL
IPE	ICE Futures	Energy	DVK	Gasoil 0.1% CIF NWE Cargoes vs Gasoil 1st Line Balmo Swap Day 11	Fut	Electronic	38.25	USD	FRPL				38.25	0.2	USD	FRPL
IPE	ICE Futures	Energy	DVL	Gasoil 0.1% CIF NWE Cargoes vs Gasoil 1st Line Balmo Swap Day 12	Fut	Electronic	38.25	USD	FRPL				38.25	0.2	USD	FRPL
IPE	ICE Futures	Energy	DVM	Gasoil 0.1% CIF NWE Cargoes vs Gasoil 1st Line Balmo Swap Day 13	Fut	Electronic	38.25	USD	FRPL				38.25	0.2	USD	FRPL
IPE	ICE Futures	Energy	DVN	Gasoil 0.1% CIF NWE Cargoes vs Gasoil 1st Line Balmo Swap Day 14	Fut	Electronic	38.25	USD	FRPL				38.25	0.2	USD	FRPL
IPE	ICE Futures	Energy	DVO	Gasoil 0.1% CIF NWE Cargoes vs Gasoil 1st Line Balmo Swap Day 15	Fut	Electronic	38.25	USD	FRPL				38.25	0.2	USD	FRPL
IPE	ICE Futures	Energy	DVP	Gasoil 0.1% CIF NWE Cargoes vs Gasoil 1st Line Balmo Swap Day 16	Fut	Electronic	38.25	USD	FRPL				38.25	0.2	USD	FRPL
IPE	ICE Futures	Energy	DVQ	Gasoil 0.1% CIF NWE Cargoes vs Gasoil 1st Line Balmo Swap Day 17	Fut	Electronic	38.25	USD	FRPL				38.25	0.2	USD	FRPL
IPE	ICE Futures	Energy	DVR	Gasoil 0.1% CIF NWE Cargoes vs Gasoil 1st Line Balmo Swap Day 18	Fut	Electronic	38.25	USD	FRPL				38.25	0.2	USD	FRPL
IPE	ICE Futures	Energy	DVS	Gasoil 0.1% CIF NWE Cargoes vs Gasoil 1st Line Balmo Swap Day 19	Fut	Electronic	38.25	USD	FRPL				38.25	0.2	USD	FRPL
IPE	ICE Futures	Energy	DVT	Gasoil 0.1% CIF NWE Cargoes vs Gasoil 1st Line Balmo Swap Day 20	Fut	Electronic	38.25	USD	FRPL				38.25	0.2	USD	FRPL
IPE	ICE Futures	Energy	DVU	Gasoil 0.1% CIF NWE Cargoes vs Gasoil 1st Line Balmo Swap Day 21	Fut	Electronic	38.25	USD	FRPL				38.25	0.2	USD	FRPL
IPE	ICE Futures	Energy	DVV	Gasoil 0.1% CIF NWE Cargoes vs Gasoil 1st Line Balmo Swap Day 22	Fut	Electronic	38.25	USD	FRPL				38.25	0.2	USD	FRPL
IPE	ICE Futures	Energy	DVW	Gasoil 0.1% CIF NWE Cargoes vs Gasoil 1st Line Balmo Swap Day 23	Fut	Electronic	38.25	USD	FRPL				38.25	0.2	USD	FRPL
IPE	ICE Futures	Energy	DVX	Gasoil 0.1% CIF NWE Cargoes vs Gasoil 1st Line Balmo Swap Day 24	Fut	Electronic	38.25	USD	FRPL				38.25	0.2	USD	FRPL
IPE	ICE Futures	Energy	DVY	Gasoil 0.1% CIF NWE Cargoes vs Gasoil 1st Line Balmo Swap Day 25	Fut	Electronic	38.25	USD	FRPL				38.25	0.2	USD	FRPL

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IPE	ICE Futures	Energy	DVZ	Gasoil 0.1% CIF NWE Cargoes vs Gasoil 1st Line Balmo Swap Day 26	Fut	Electronic	38.25	USD	FRPL				38.25	0.2	USD	FRPL
IPE	ICE Futures	Energy	DWA	Gasoil 0.1% CIF NWE Cargoes vs Gasoil 1st Line Balmo Swap Day 27	Fut	Electronic	38.25	USD	FRPL				38.25	0.2	USD	FRPL
IPE	ICE Futures	Energy	DWB	Gasoil 0.1% CIF NWE Cargoes vs Gasoil 1st Line Balmo Swap Day 28	Fut	Electronic	38.25	USD	FRPL				38.25	0.2	USD	FRPL
IPE	ICE Futures	Energy	DWC	Gasoil 0.1% CIF NWE Cargoes vs Gasoil 1st Line Balmo Swap Day 29	Fut	Electronic	38.25	USD	FRPL				38.25	0.2	USD	FRPL
IPE	ICE Futures	Energy	DWD	Gasoil 0.1% CIF NWE Cargoes vs Gasoil 1st Line Balmo Swap Day 30	Fut	Electronic	38.25	USD	FRPL				38.25	0.2	USD	FRPL
IPE	ICE Futures	Energy	DWE	Gasoil 0.1% CIF NWE Cargoes vs Gasoil 1st Line Balmo Swap Day 31	Fut	Electronic	38.25	USD	FRPL				38.25	0.2	USD	FRPL
IPE	ICE Futures	Energy	DXA	Gasoil 0.1% FOB Rotterdam Barges vs Gasoil 1st Line Balmo Swap Day 1	Fut	Electronic	38.25	USD	FRPL				38.25	0.2	USD	FRPL
IPE	ICE Futures	Energy	DXB	Gasoil 0.1% FOB Rotterdam Barges vs Gasoil 1st Line Balmo Swap Day 2	Fut	Electronic	38.25	USD	FRPL				38.25	0.2	USD	FRPL
IPE	ICE Futures	Energy	DXC	Gasoil 0.1% FOB Rotterdam Barges vs Gasoil 1st Line Balmo Swap Day 3	Fut	Electronic	38.25	USD	FRPL				38.25	0.2	USD	FRPL
IPE	ICE Futures	Energy	DXD	Gasoil 0.1% FOB Rotterdam Barges vs Gasoil 1st Line Balmo Swap Day 4	Fut	Electronic	38.25	USD	FRPL				38.25	0.2	USD	FRPL
IPE	ICE Futures	Energy	DXE	Gasoil 0.1% FOB Rotterdam Barges vs Gasoil 1st Line Balmo Swap Day 5	Fut	Electronic	38.25	USD	FRPL				38.25	0.2	USD	FRPL
IPE	ICE Futures	Energy	DXF	Gasoil 0.1% FOB Rotterdam Barges vs Gasoil 1st Line Balmo Swap Day 6	Fut	Electronic	38.25	USD	FRPL				38.25	0.2	USD	FRPL
IPE	ICE Futures	Energy	DXG	Gasoil 0.1% FOB Rotterdam Barges vs Gasoil 1st Line Balmo Swap Day 7	Fut	Electronic	38.25	USD	FRPL				38.25	0.2	USD	FRPL
IPE	ICE Futures	Energy	DXH	Gasoil 0.1% FOB Rotterdam Barges vs Gasoil 1st Line Balmo Swap Day 8	Fut	Electronic	38.25	USD	FRPL				38.25	0.2	USD	FRPL
IPE	ICE Futures	Energy	DXI	Gasoil 0.1% FOB Rotterdam Barges vs Gasoil 1st Line Balmo Swap Day 9	Fut	Electronic	38.25	USD	FRPL				38.25	0.2	USD	FRPL
IPE	ICE Futures	Energy	DXJ	Gasoil 0.1% FOB Rotterdam Barges vs Gasoil 1st Line Balmo Swap Day 10	Fut	Electronic	38.25	USD	FRPL				38.25	0.2	USD	FRPL
IPE	ICE Futures	Energy	DXK	Gasoil 0.1% FOB Rotterdam Barges vs Gasoil 1st Line Balmo Swap Day 11	Fut	Electronic	38.25	USD	FRPL				38.25	0.2	USD	FRPL
IPE	ICE Futures	Energy	DXL	Gasoil 0.1% FOB Rotterdam Barges vs Gasoil 1st Line Balmo Swap Day 12	Fut	Electronic	38.25	USD	FRPL				38.25	0.2	USD	FRPL
IPE	ICE Futures	Energy	DXM	Gasoil 0.1% FOB Rotterdam Barges vs Gasoil 1st Line Balmo Swap Day 13	Fut	Electronic	38.25	USD	FRPL				38.25	0.2	USD	FRPL
IPE	ICE Futures	Energy	DXN	Gasoil 0.1% FOB Rotterdam Barges vs Gasoil 1st Line Balmo Swap Day 14	Fut	Electronic	38.25	USD	FRPL				38.25	0.2	USD	FRPL
IPE	ICE Futures	Energy	DXO	Gasoil 0.1% FOB Rotterdam Barges vs Gasoil 1st Line Balmo Swap Day 15	Fut	Electronic	38.25	USD	FRPL				38.25	0.2	USD	FRPL
IPE	ICE Futures	Energy	DXP	Gasoil 0.1% FOB Rotterdam Barges vs Gasoil 1st Line Balmo Swap Day 16	Fut	Electronic	38.25	USD	FRPL				38.25	0.2	USD	FRPL
IPE	ICE Futures	Energy	DXQ	Gasoil 0.1% FOB Rotterdam Barges vs Gasoil 1st Line Balmo Swap Day 17	Fut	Electronic	38.25	USD	FRPL				38.25	0.2	USD	FRPL
IPE	ICE Futures	Energy	DXR	Gasoil 0.1% FOB Rotterdam Barges vs Gasoil 1st Line Balmo Swap Day 18	Fut	Electronic	38.25	USD	FRPL				38.25	0.2	USD	FRPL
IPE	ICE Futures	Energy	DXS	Gasoil 0.1% FOB Rotterdam Barges vs Gasoil 1st Line Balmo Swap Day 19	Fut	Electronic	38.25	USD	FRPL				38.25	0.2	USD	FRPL
IPE	ICE Futures	Energy	DXT	Gasoil 0.1% FOB Rotterdam Barges vs Gasoil 1st Line Balmo Swap Day 20	Fut	Electronic	38.25	USD	FRPL				38.25	0.2	USD	FRPL
IPE	ICE Futures	Energy	DXU	Gasoil 0.1% FOB Rotterdam Barges vs Gasoil 1st Line Balmo Swap Day 21	Fut	Electronic	38.25	USD	FRPL				38.25	0.2	USD	FRPL
IPE	ICE Futures	Energy	DXV	Gasoil 0.1% FOB Rotterdam Barges vs Gasoil 1st Line Balmo Swap Day 22	Fut	Electronic	38.25	USD	FRPL				38.25	0.2	USD	FRPL
IPE	ICE Futures	Energy	DXW	Gasoil 0.1% FOB Rotterdam Barges vs Gasoil 1st Line Balmo Swap Day 23	Fut	Electronic	38.25	USD	FRPL				38.25	0.2	USD	FRPL

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IPE	ICE Futures	Energy	DXX	Gasoil 0.1% FOB Rotterdam Barges vs Gasoil 1st Line Balmo Swap Day 24	Fut	Electronic	38.25	USD	FRPL				38.25	0.2	USD	FRPL
IPE	ICE Futures	Energy	DXY	Gasoil 0.1% FOB Rotterdam Barges vs Gasoil 1st Line Balmo Swap Day 25	Fut	Electronic	38.25	USD	FRPL				38.25	0.2	USD	FRPL
IPE	ICE Futures	Energy	DXZ	Gasoil 0.1% FOB Rotterdam Barges vs Gasoil 1st Line Balmo Swap Day 26	Fut	Electronic	38.25	USD	FRPL				38.25	0.2	USD	FRPL
IPE	ICE Futures	Energy	DYA	Gasoil 0.1% FOB Rotterdam Barges vs Gasoil 1st Line Balmo Swap Day 27	Fut	Electronic	38.25	USD	FRPL				38.25	0.2	USD	FRPL
IPE	ICE Futures	Energy	DYB	Gasoil 0.1% FOB Rotterdam Barges vs Gasoil 1st Line Balmo Swap Day 28	Fut	Electronic	38.25	USD	FRPL				38.25	0.2	USD	FRPL
IPE	ICE Futures	Energy	DYC	Gasoil 0.1% FOB Rotterdam Barges vs Gasoil 1st Line Balmo Swap Day 29	Fut	Electronic	38.25	USD	FRPL				38.25	0.2	USD	FRPL
IPE	ICE Futures	Energy	DYD	Gasoil 0.1% FOB Rotterdam Barges vs Gasoil 1st Line Balmo Swap Day 30	Fut	Electronic	38.25	USD	FRPL				38.25	0.2	USD	FRPL
IPE	ICE Futures	Energy	DYE	Gasoil 0.1% FOB Rotterdam Barges vs Gasoil 1st Line Balmo Swap Day 31	Fut	Electronic	38.25	USD	FRPL				38.25	0.2	USD	FRPL
IPE	ICE Futures	Energy	DYF	ULSD 10ppm CIF Med Cargoes vs Gasoil 1st Line Balmo Swap Day 1	Fut	Electronic	38.25	USD	FRPL				38.25	0.2	USD	FRPL
IPE	ICE Futures	Energy	DYG	ULSD 10ppm CIF Med Cargoes vs Gasoil 1st Line Balmo Swap Day 2	Fut	Electronic	38.25	USD	FRPL				38.25	0.2	USD	FRPL
IPE	ICE Futures	Energy	DYH	ULSD 10ppm CIF Med Cargoes vs Gasoil 1st Line Balmo Swap Day 3	Fut	Electronic	38.25	USD	FRPL				38.25	0.2	USD	FRPL
IPE	ICE Futures	Energy	DYI	ULSD 10ppm CIF Med Cargoes vs Gasoil 1st Line Balmo Swap Day 4	Fut	Electronic	38.25	USD	FRPL				38.25	0.2	USD	FRPL
IPE	ICE Futures	Energy	DYJ	ULSD 10ppm CIF Med Cargoes vs Gasoil 1st Line Balmo Swap Day 5	Fut	Electronic	38.25	USD	FRPL				38.25	0.2	USD	FRPL
IPE	ICE Futures	Energy	DYK	ULSD 10ppm CIF Med Cargoes vs Gasoil 1st Line Balmo Swap Day 6	Fut	Electronic	38.25	USD	FRPL				38.25	0.2	USD	FRPL
IPE	ICE Futures	Energy	DYL	ULSD 10ppm CIF Med Cargoes vs Gasoil 1st Line Balmo Swap Day 7	Fut	Electronic	38.25	USD	FRPL				38.25	0.2	USD	FRPL
IPE	ICE Futures	Energy	DYM	ULSD 10ppm CIF Med Cargoes vs Gasoil 1st Line Balmo Swap Day 8	Fut	Electronic	38.25	USD	FRPL				38.25	0.2	USD	FRPL
IPE	ICE Futures	Energy	DYN	ULSD 10ppm CIF Med Cargoes vs Gasoil 1st Line Balmo Swap Day 9	Fut	Electronic	38.25	USD	FRPL				38.25	0.2	USD	FRPL
IPE	ICE Futures	Energy	DYO	ULSD 10ppm CIF Med Cargoes vs Gasoil 1st Line Balmo Swap Day 10	Fut	Electronic	38.25	USD	FRPL				38.25	0.2	USD	FRPL
IPE	ICE Futures	Energy	DYP	ULSD 10ppm CIF Med Cargoes vs Gasoil 1st Line Balmo Swap Day 11	Fut	Electronic	38.25	USD	FRPL				38.25	0.2	USD	FRPL
IPE	ICE Futures	Energy	DYQ	ULSD 10ppm CIF Med Cargoes vs Gasoil 1st Line Balmo Swap Day 12	Fut	Electronic	38.25	USD	FRPL				38.25	0.2	USD	FRPL
IPE	ICE Futures	Energy	DYR	ULSD 10ppm CIF Med Cargoes vs Gasoil 1st Line Balmo Swap Day 13	Fut	Electronic	38.25	USD	FRPL				38.25	0.2	USD	FRPL
IPE	ICE Futures	Energy	DYS	ULSD 10ppm CIF Med Cargoes vs Gasoil 1st Line Balmo Swap Day 14	Fut	Electronic	38.25	USD	FRPL				38.25	0.2	USD	FRPL
IPE	ICE Futures	Energy	DYT	ULSD 10ppm CIF Med Cargoes vs Gasoil 1st Line Balmo Swap Day 15	Fut	Electronic	38.25	USD	FRPL				38.25	0.2	USD	FRPL
IPE	ICE Futures	Energy	DYU	ULSD 10ppm CIF Med Cargoes vs Gasoil 1st Line Balmo Swap Day 16	Fut	Electronic	38.25	USD	FRPL				38.25	0.2	USD	FRPL
IPE	ICE Futures	Energy	DYV	ULSD 10ppm CIF Med Cargoes vs Gasoil 1st Line Balmo Swap Day 17	Fut	Electronic	38.25	USD	FRPL				38.25	0.2	USD	FRPL
IPE	ICE Futures	Energy	DYW	ULSD 10ppm CIF Med Cargoes vs Gasoil 1st Line Balmo Swap Day 18	Fut	Electronic	38.25	USD	FRPL				38.25	0.2	USD	FRPL
IPE	ICE Futures	Energy	DYX	ULSD 10ppm CIF Med Cargoes vs Gasoil 1st Line Balmo Swap Day 19	Fut	Electronic	38.25	USD	FRPL				38.25	0.2	USD	FRPL
IPE	ICE Futures	Energy	DYY	ULSD 10ppm CIF Med Cargoes vs Gasoil 1st Line Balmo Swap Day 20	Fut	Electronic	38.25	USD	FRPL				38.25	0.2	USD	FRPL
IPE	ICE Futures	Energy	DYZ	ULSD 10ppm CIF Med Cargoes vs Gasoil 1st Line Balmo Swap Day 21	Fut	Electronic	38.25	USD	FRPL				38.25	0.2	USD	FRPL

Exch Code	Exch Desc	Comm Group	Prod Code	Product Desc	F/O	Platform	Trd Fee	Trd Fee Cur	Trd Fee Meth	Clr Fee	Clr Fee Cur	Clr Fee Meth	Fee Total	Brk Fee	Brk Fee Cur	Brk Fee Meth
IPE	ICE Futures	Energy	DZA	ULSD 10ppm CIF Med Cargoes vs Gasoil 1st Line Balmo Swap Day 22	Fut	Electronic	38.25	USD	FRPL				38.25	0.2	USD	FRPL
IPE	ICE Futures	Energy	DZB	ULSD 10ppm CIF Med Cargoes vs Gasoil 1st Line Balmo Swap Day 23	Fut	Electronic	38.25	USD	FRPL				38.25	0.2	USD	FRPL
IPE	ICE Futures	Energy	DZC	ULSD 10ppm CIF Med Cargoes vs Gasoil 1st Line Balmo Swap Day 24	Fut	Electronic	38.25	USD	FRPL				38.25	0.2	USD	FRPL
IPE	ICE Futures	Energy	DZD	ULSD 10ppm CIF Med Cargoes vs Gasoil 1st Line Balmo Swap Day 25	Fut	Electronic	38.25	USD	FRPL				38.25	0.2	USD	FRPL
IPE	ICE Futures	Energy	DZE	ULSD 10ppm CIF Med Cargoes vs Gasoil 1st Line Balmo Swap Day 26	Fut	Electronic	38.25	USD	FRPL				38.25	0.2	USD	FRPL
IPE	ICE Futures	Energy	DZF	ULSD 10ppm CIF Med Cargoes vs Gasoil 1st Line Balmo Swap Day 27	Fut	Electronic	38.25	USD	FRPL				38.25	0.2	USD	FRPL
IPE	ICE Futures	Energy	DZG	ULSD 10ppm CIF Med Cargoes vs Gasoil 1st Line Balmo Swap Day 28	Fut	Electronic	38.25	USD	FRPL				38.25	0.2	USD	FRPL
IPE	ICE Futures	Energy	DZH	ULSD 10ppm CIF Med Cargoes vs Gasoil 1st Line Balmo Swap Day 29	Fut	Electronic	38.25	USD	FRPL				38.25	0.2	USD	FRPL
IPE	ICE Futures	Energy	DZI	ULSD 10ppm CIF Med Cargoes vs Gasoil 1st Line Balmo Swap Day 30	Fut	Electronic	38.25	USD	FRPL				38.25	0.2	USD	FRPL
IPE	ICE Futures	Energy	DZJ	ULSD 10ppm CIF Med Cargoes vs Gasoil 1st Line Balmo Swap Day 31	Fut	Electronic	38.25	USD	FRPL				38.25	0.2	USD	FRPL
IPE	ICE Futures	Energy	EAA	Naphtha CIF NWE Cargoes Balmo Swap Day 1	Fut	Electronic	45.5	USD	FRPL				45.5	0.2	USD	FRPL
IPE	ICE Futures	Energy	EAB	Naphtha CIF NWE Cargoes Balmo Swap Day 2	Fut	Electronic	45.5	USD	FRPL				45.5	0.2	USD	FRPL
IPE	ICE Futures	Energy	EAC	Naphtha CIF NWE Cargoes Balmo Swap Day 3	Fut	Electronic	45.5	USD	FRPL				45.5	0.2	USD	FRPL
IPE	ICE Futures	Energy	EAD	Naphtha CIF NWE Cargoes Balmo Swap Day 4	Fut	Electronic	45.5	USD	FRPL				45.5	0.2	USD	FRPL
IPE	ICE Futures	Energy	EAE	Naphtha CIF NWE Cargoes Balmo Swap Day 5	Fut	Electronic	45.5	USD	FRPL				45.5	0.2	USD	FRPL
IPE	ICE Futures	Energy	EAF	Naphtha CIF NWE Cargoes Balmo Swap Day 6	Fut	Electronic	45.5	USD	FRPL				45.5	0.2	USD	FRPL
IPE	ICE Futures	Energy	EAG	Naphtha CIF NWE Cargoes Balmo Swap Day 7	Fut	Electronic	45.5	USD	FRPL				45.5	0.2	USD	FRPL
IPE	ICE Futures	Energy	EAH	Naphtha CIF NWE Cargoes Balmo Swap Day 8	Fut	Electronic	45.5	USD	FRPL				45.5	0.2	USD	FRPL
IPE	ICE Futures	Energy	EAI	Naphtha CIF NWE Cargoes Balmo Swap Day 9	Fut	Electronic	45.5	USD	FRPL				45.5	0.2	USD	FRPL
IPE	ICE Futures	Energy	EAJ	Naphtha CIF NWE Cargoes Balmo Swap Day 10	Fut	Electronic	45.5	USD	FRPL				45.5	0.2	USD	FRPL
IPE	ICE Futures	Energy	EAK	Naphtha CIF NWE Cargoes Balmo Swap Day 11	Fut	Electronic	45.5	USD	FRPL				45.5	0.2	USD	FRPL
IPE	ICE Futures	Energy	EAL	Naphtha CIF NWE Cargoes Balmo Swap Day 12	Fut	Electronic	45.5	USD	FRPL				45.5	0.2	USD	FRPL
IPE	ICE Futures	Energy	EAM	Naphtha CIF NWE Cargoes Balmo Swap Day 13	Fut	Electronic	45.5	USD	FRPL				45.5	0.2	USD	FRPL
IPE	ICE Futures	Energy	EAN	Naphtha CIF NWE Cargoes Balmo Swap Day 14	Fut	Electronic	45.5	USD	FRPL				45.5	0.2	USD	FRPL
IPE	ICE Futures	Energy	EAO	Naphtha CIF NWE Cargoes Balmo Swap Day 15	Fut	Electronic	45.5	USD	FRPL				45.5	0.2	USD	FRPL
IPE	ICE Futures	Energy	EAP	Naphtha CIF NWE Cargoes Balmo Swap Day 16	Fut	Electronic	45.5	USD	FRPL				45.5	0.2	USD	FRPL
IPE	ICE Futures	Energy	EAQ	Naphtha CIF NWE Cargoes Balmo Swap Day 17	Fut	Electronic	45.5	USD	FRPL				45.5	0.2	USD	FRPL
IPE	ICE Futures	Energy	EAR	Naphtha CIF NWE Cargoes Balmo Swap Day 18	Fut	Electronic	45.5	USD	FRPL				45.5	0.2	USD	FRPL
IPE	ICE Futures	Energy	EAS	Naphtha CIF NWE Cargoes Balmo Swap Day 19	Fut	Electronic	45.5	USD	FRPL				45.5	0.2	USD	FRPL
IPE	ICE Futures	Energy	EAT	Naphtha CIF NWE Cargoes Balmo Swap Day 20	Fut	Electronic	45.5	USD	FRPL				45.5	0.2	USD	FRPL
IPE	ICE Futures	Energy	EAU	Naphtha CIF NWE Cargoes Balmo Swap Day 21	Fut	Electronic	45.5	USD	FRPL				45.5	0.2	USD	FRPL
IPE	ICE Futures	Energy	EAV	Naphtha CIF NWE Cargoes Balmo Swap Day 22	Fut	Electronic	45.5	USD	FRPL				45.5	0.2	USD	FRPL
IPE	ICE Futures	Energy	EAW	Naphtha CIF NWE Cargoes Balmo Swap Day 23	Fut	Electronic	45.5	USD	FRPL				45.5	0.2	USD	FRPL
IPE	ICE Futures	Energy	EAX	Naphtha CIF NWE Cargoes Balmo Swap Day 24	Fut	Electronic	45.5	USD	FRPL				45.5	0.2	USD	FRPL
IPE	ICE Futures	Energy	EAY	Naphtha CIF NWE Cargoes Balmo Swap Day 25	Fut	Electronic	45.5	USD	FRPL				45.5	0.2	USD	FRPL
IPE	ICE Futures	Energy	EAZ	Naphtha CIF NWE Cargoes Balmo Swap Day 26	Fut	Electronic	45.5	USD	FRPL				45.5	0.2	USD	FRPL
IPE	ICE Futures	Energy	EBA	Naphtha CIF NWE Cargoes Balmo Swap Day 27	Fut	Electronic	45.5	USD	FRPL				45.5	0.2	USD	FRPL
IPE	ICE Futures	Energy	EBB	Naphtha CIF NWE Cargoes Balmo Swap Day 28	Fut	Electronic	45.5	USD	FRPL				45.5	0.2	USD	FRPL
IPE	ICE Futures	Energy	EBC	Naphtha CIF NWE Cargoes Balmo Swap Day 29	Fut	Electronic	45.5	USD	FRPL				45.5	0.2	USD	FRPL
IPE	ICE Futures	Energy	EBD	Naphtha CIF NWE Cargoes Balmo Swap Day 30	Fut	Electronic	45.5	USD	FRPL				45.5	0.2	USD	FRPL
IPE	ICE Futures	Energy	EBE	Naphtha CIF NWE Cargoes Balmo Swap Day 31	Fut	Electronic	45.5	USD	FRPL				45.5	0.2	USD	FRPL
IPE	ICE Futures	Energy	ECB	Ethane in E/P Mix, OPIS Mt. Belvieu Non-TET, Fixed Price Swap	Fut	Electronic	10.75	USD	FRPL				10.75	0.2	USD	FRPL
IPE	ICE Futures	Energy	ECC	Ethane in E/P Mix, OPIS Conway In-Well, Fixed Price Swap	Fut	Electronic	10.75	USD	FRPL				10.75	0.2	USD	FRPL
IPE	ICE Futures	Energy	ECG	EUA UK Auction	Fut	Electronic	0.38	EUR	FRPL				0.38	0.2	USD	FRPL
IPE	ICE Futures	Energy	ECP	ECX EUA Phase 3 Daily	Fut	Electronic	4	EUR	FRPL				4	0.2	USD	FRPL
IPE	ICE Futures	Energy	ECS	ECX EUA Daily	Fut	Electronic	4	EUR	FRPL				4	0.2	USD	FRPL
IPE	ICE Futures	Energy	EEA	Ethane, OPIS Mt. Belvieu Non-TET, Fixed Price Swap (Balmo) Day 1	Fut	Electronic	10.75	USD	FRPL				10.75	0.2	USD	FRPL

Exch Code	Exch Desc	Comm Group	Prod Code	Product Desc	F/O	Platform	Trd Fee	Trd Fee Cur	Trd Fee Meth	Clr Fee	Clr Fee Cur	Clr Fee Meth	Fee Total	Brk Fee	Brk Fee Cur	Brk Fee Meth
IPE	ICE Futures	Energy	EEB	Ethane, OPIS Mt. Belvieu Non-TET, Fixed Price Swap (Balmo) Day 2	Fut	Electronic	10.75	USD	FRPL				10.75	0.2	USD	FRPL
IPE	ICE Futures	Energy	EEC	Ethane, OPIS Mt. Belvieu Non-TET, Fixed Price Swap (Balmo) Day 3	Fut	Electronic	10.75	USD	FRPL				10.75	0.2	USD	FRPL
IPE	ICE Futures	Energy	EED	Ethane, OPIS Mt. Belvieu Non-TET, Fixed Price Swap (Balmo) Day 4	Fut	Electronic	10.75	USD	FRPL				10.75	0.2	USD	FRPL
IPE	ICE Futures	Energy	EEE	Ethane, OPIS Mt. Belvieu Non-TET, Fixed Price Swap (Balmo) Day 5	Fut	Electronic	10.75	USD	FRPL				10.75	0.2	USD	FRPL
IPE	ICE Futures	Energy	EEF	Ethane, OPIS Mt. Belvieu Non-TET, Fixed Price Swap (Balmo) Day 6	Fut	Electronic	10.75	USD	FRPL				10.75	0.2	USD	FRPL
IPE	ICE Futures	Energy	EEG	Ethane, OPIS Mt. Belvieu Non-TET, Fixed Price Swap (Balmo) Day 7	Fut	Electronic	10.75	USD	FRPL				10.75	0.2	USD	FRPL
IPE	ICE Futures	Energy	EEH	Ethane, OPIS Mt. Belvieu Non-TET, Fixed Price Swap (Balmo) Day 8	Fut	Electronic	10.75	USD	FRPL				10.75	0.2	USD	FRPL
IPE	ICE Futures	Energy	EEI	Ethane, OPIS Mt. Belvieu Non-TET, Fixed Price Swap (Balmo) Day 9	Fut	Electronic	10.75	USD	FRPL				10.75	0.2	USD	FRPL
IPE	ICE Futures	Energy	EEJ	Ethane, OPIS Mt. Belvieu Non-TET, Fixed Price Swap (Balmo) Day 10	Fut	Electronic	10.75	USD	FRPL				10.75	0.2	USD	FRPL
IPE	ICE Futures	Energy	EEK	Ethane, OPIS Mt. Belvieu Non-TET, Fixed Price Swap (Balmo) Day 11	Fut	Electronic	10.75	USD	FRPL				10.75	0.2	USD	FRPL
IPE	ICE Futures	Energy	EEL	Ethane, OPIS Mt. Belvieu Non-TET, Fixed Price Swap (Balmo) Day 12	Fut	Electronic	10.75	USD	FRPL				10.75	0.2	USD	FRPL
IPE	ICE Futures	Energy	EEM	Ethane, OPIS Mt. Belvieu Non-TET, Fixed Price Swap (Balmo) Day 13	Fut	Electronic	10.75	USD	FRPL				10.75	0.2	USD	FRPL
IPE	ICE Futures	Energy	EEN	Ethane, OPIS Mt. Belvieu Non-TET, Fixed Price Swap (Balmo) Day 14	Fut	Electronic	10.75	USD	FRPL				10.75	0.2	USD	FRPL
IPE	ICE Futures	Energy	EEO	Ethane, OPIS Mt. Belvieu Non-TET, Fixed Price Swap (Balmo) Day 15	Fut	Electronic	10.75	USD	FRPL				10.75	0.2	USD	FRPL
IPE	ICE Futures	Energy	EEP	Ethane, OPIS Mt. Belvieu Non-TET, Fixed Price Swap (Balmo) Day 16	Fut	Electronic	10.75	USD	FRPL				10.75	0.2	USD	FRPL
IPE	ICE Futures	Energy	EEQ	Ethane, OPIS Mt. Belvieu Non-TET, Fixed Price Swap (Balmo) Day 17	Fut	Electronic	10.75	USD	FRPL				10.75	0.2	USD	FRPL
IPE	ICE Futures	Energy	EER	Ethane, OPIS Mt. Belvieu Non-TET, Fixed Price Swap (Balmo) Day 18	Fut	Electronic	10.75	USD	FRPL				10.75	0.2	USD	FRPL
IPE	ICE Futures	Energy	EES	Ethane, OPIS Mt. Belvieu Non-TET, Fixed Price Swap (Balmo) Day 19	Fut	Electronic	10.75	USD	FRPL				10.75	0.2	USD	FRPL
IPE	ICE Futures	Energy	EET	Ethane, OPIS Mt. Belvieu Non-TET, Fixed Price Swap (Balmo) Day 20	Fut	Electronic	10.75	USD	FRPL				10.75	0.2	USD	FRPL
IPE	ICE Futures	Energy	EEU	Ethane, OPIS Mt. Belvieu Non-TET, Fixed Price Swap (Balmo) Day 21	Fut	Electronic	10.75	USD	FRPL				10.75	0.2	USD	FRPL
IPE	ICE Futures	Energy	EEV	Ethane, OPIS Mt. Belvieu Non-TET, Fixed Price Swap (Balmo) Day 22	Fut	Electronic	10.75	USD	FRPL				10.75	0.2	USD	FRPL
IPE	ICE Futures	Energy	EEW	Ethane, OPIS Mt. Belvieu Non-TET, Fixed Price Swap (Balmo) Day 23	Fut	Electronic	10.75	USD	FRPL				10.75	0.2	USD	FRPL
IPE	ICE Futures	Energy	EEX	Ethane, OPIS Mt. Belvieu Non-TET, Fixed Price Swap (Balmo) Day 24	Fut	Electronic	10.75	USD	FRPL				10.75	0.2	USD	FRPL
IPE	ICE Futures	Energy	EEY	Ethane, OPIS Mt. Belvieu Non-TET, Fixed Price Swap (Balmo) Day 25	Fut	Electronic	10.75	USD	FRPL				10.75	0.2	USD	FRPL
IPE	ICE Futures	Energy	EEZ	Ethane, OPIS Mt. Belvieu Non-TET, Fixed Price Swap (Balmo) Day 26	Fut	Electronic	10.75	USD	FRPL				10.75	0.2	USD	FRPL
IPE	ICE Futures	Energy	EFA	Ethane, OPIS Mt. Belvieu Non-TET, Fixed Price Swap (Balmo) Day 27	Fut	Electronic	10.75	USD	FRPL				10.75	0.2	USD	FRPL
IPE	ICE Futures	Energy	EFB	Ethane, OPIS Mt. Belvieu Non-TET, Fixed Price Swap (Balmo) Day 28	Fut	Electronic	10.75	USD	FRPL				10.75	0.2	USD	FRPL
IPE	ICE Futures	Energy	EFC	Ethane, OPIS Mt. Belvieu Non-TET, Fixed Price Swap (Balmo) Day 29	Fut	Electronic	10.75	USD	FRPL				10.75	0.2	USD	FRPL
IPE	ICE Futures	Energy	EFD	Ethane, OPIS Mt. Belvieu Non-TET, Fixed Price Swap (Balmo) Day 30	Fut	Electronic	10.75	USD	FRPL				10.75	0.2	USD	FRPL

Exch Code	Exch Desc	Comm Group	Prod Code	Product Desc	F/O	Platform	Trd Fee	Trd Fee Cur	Trd Fee Meth	Clr Fee	Clr Fee Cur	Clr Fee Meth	Fee Total	Brk Fee	Brk Fee Cur	Brk Fee Meth
IPE	ICE Futures	Energy	EFE	Ethane, OPIS Mt. Belvieu Non-TET, Fixed Price Swap (Balmo) Day 31	Fut	Electronic	10.75	USD	FRPL				10.75	0.2	USD	FRPL
IPE	ICE Futures	Energy	EGD	Propane, Argus Far East vs Propane, Argus CIF ARA, Differential Swap	Fut	Electronic	108	USD	FRPL				108	0.2	USD	FRPL
IPE	ICE Futures	Energy	EJA	Gasoil 0.1% FOB Rotterdam Barges Balmo Swap Day 1	Fut	Electronic	38.25	USD	FRPL				38.25	0.2	USD	FRPL
IPE	ICE Futures	Energy	EJB	Gasoil 0.1% FOB Rotterdam Barges Balmo Swap Day 2	Fut	Electronic	38.25	USD	FRPL				38.25	0.2	USD	FRPL
IPE	ICE Futures	Energy	EJC	Gasoil 0.1% FOB Rotterdam Barges Balmo Swap Day 3	Fut	Electronic	38.25	USD	FRPL				38.25	0.2	USD	FRPL
IPE	ICE Futures	Energy	EJD	Gasoil 0.1% FOB Rotterdam Barges Balmo Swap Day 4	Fut	Electronic	38.25	USD	FRPL				38.25	0.2	USD	FRPL
IPE	ICE Futures	Energy	EJE	Gasoil 0.1% FOB Rotterdam Barges Balmo Swap Day 5	Fut	Electronic	38.25	USD	FRPL				38.25	0.2	USD	FRPL
IPE	ICE Futures	Energy	EJF	Gasoil 0.1% FOB Rotterdam Barges Balmo Swap Day 6	Fut	Electronic	38.25	USD	FRPL				38.25	0.2	USD	FRPL
IPE	ICE Futures	Energy	EJG	Gasoil 0.1% FOB Rotterdam Barges Balmo Swap Day 7	Fut	Electronic	38.25	USD	FRPL				38.25	0.2	USD	FRPL
IPE	ICE Futures	Energy	EJH	Gasoil 0.1% FOB Rotterdam Barges Balmo Swap Day 8	Fut	Electronic	38.25	USD	FRPL				38.25	0.2	USD	FRPL
IPE	ICE Futures	Energy	EJI	Gasoil 0.1% FOB Rotterdam Barges Balmo Swap Day 9	Fut	Electronic	38.25	USD	FRPL				38.25	0.2	USD	FRPL
IPE	ICE Futures	Energy	EJJ	Gasoil 0.1% FOB Rotterdam Barges Balmo Swap Day 10	Fut	Electronic	38.25	USD	FRPL				38.25	0.2	USD	FRPL
IPE	ICE Futures	Energy	EJK	Gasoil 0.1% FOB Rotterdam Barges Balmo Swap Day 11	Fut	Electronic	38.25	USD	FRPL				38.25	0.2	USD	FRPL
IPE	ICE Futures	Energy	EJL	Gasoil 0.1% FOB Rotterdam Barges Balmo Swap Day 12	Fut	Electronic	38.25	USD	FRPL				38.25	0.2	USD	FRPL
IPE	ICE Futures	Energy	EJM	Gasoil 0.1% FOB Rotterdam Barges Balmo Swap Day 13	Fut	Electronic	38.25	USD	FRPL				38.25	0.2	USD	FRPL
IPE	ICE Futures	Energy	EJN	Gasoil 0.1% FOB Rotterdam Barges Balmo Swap Day 14	Fut	Electronic	38.25	USD	FRPL				38.25	0.2	USD	FRPL
IPE	ICE Futures	Energy	EJO	Gasoil 0.1% FOB Rotterdam Barges Balmo Swap Day 15	Fut	Electronic	38.25	USD	FRPL				38.25	0.2	USD	FRPL
IPE	ICE Futures	Energy	EJP	Gasoil 0.1% FOB Rotterdam Barges Balmo Swap Day 16	Fut	Electronic	38.25	USD	FRPL				38.25	0.2	USD	FRPL
IPE	ICE Futures	Energy	EJQ	Gasoil 0.1% FOB Rotterdam Barges Balmo Swap Day 17	Fut	Electronic	38.25	USD	FRPL				38.25	0.2	USD	FRPL
IPE	ICE Futures	Energy	EJR	Gasoil 0.1% FOB Rotterdam Barges Balmo Swap Day 18	Fut	Electronic	38.25	USD	FRPL				38.25	0.2	USD	FRPL
IPE	ICE Futures	Energy	EJS	Gasoil 0.1% FOB Rotterdam Barges Balmo Swap Day 19	Fut	Electronic	38.25	USD	FRPL				38.25	0.2	USD	FRPL
IPE	ICE Futures	Energy	EJT	Gasoil 0.1% FOB Rotterdam Barges Balmo Swap Day 20	Fut	Electronic	38.25	USD	FRPL				38.25	0.2	USD	FRPL
IPE	ICE Futures	Energy	EJU	Gasoil 0.1% FOB Rotterdam Barges Balmo Swap Day 21	Fut	Electronic	38.25	USD	FRPL				38.25	0.2	USD	FRPL
IPE	ICE Futures	Energy	EJV	Gasoil 0.1% FOB Rotterdam Barges Balmo Swap Day 22	Fut	Electronic	38.25	USD	FRPL				38.25	0.2	USD	FRPL
IPE	ICE Futures	Energy	EJW	Gasoil 0.1% FOB Rotterdam Barges Balmo Swap Day 23	Fut	Electronic	38.25	USD	FRPL				38.25	0.2	USD	FRPL
IPE	ICE Futures	Energy	EJX	Gasoil 0.1% FOB Rotterdam Barges Balmo Swap Day 24	Fut	Electronic	38.25	USD	FRPL				38.25	0.2	USD	FRPL
IPE	ICE Futures	Energy	EJY	Gasoil 0.1% FOB Rotterdam Barges Balmo Swap Day 25	Fut	Electronic	38.25	USD	FRPL				38.25	0.2	USD	FRPL
IPE	ICE Futures	Energy	EJZ	Gasoil 0.1% FOB Rotterdam Barges Balmo Swap Day 26	Fut	Electronic	38.25	USD	FRPL				38.25	0.2	USD	FRPL
IPE	ICE Futures	Energy	EKA	Gasoil 0.1% FOB Rotterdam Barges Balmo Swap Day 27	Fut	Electronic	38.25	USD	FRPL				38.25	0.2	USD	FRPL
IPE	ICE Futures	Energy	EKB	Gasoil 0.1% FOB Rotterdam Barges Balmo Swap Day 28	Fut	Electronic	38.25	USD	FRPL				38.25	0.2	USD	FRPL
IPE	ICE Futures	Energy	EKC	Gasoil 0.1% FOB Rotterdam Barges Balmo Swap Day 29	Fut	Electronic	38.25	USD	FRPL				38.25	0.2	USD	FRPL
IPE	ICE Futures	Energy	EKD	Gasoil 0.1% FOB Rotterdam Barges Balmo Swap Day 30	Fut	Electronic	38.25	USD	FRPL				38.25	0.2	USD	FRPL
IPE	ICE Futures	Energy	EKE	Gasoil 0.1% FOB Rotterdam Barges Balmo Swap Day 31	Fut	Electronic	38.25	USD	FRPL				38.25	0.2	USD	FRPL
IPE	ICE Futures	Energy	ELA	Jet CIF NWE Cargoes Balmo Swap Day 1	Fut	Electronic	40.4	USD	FRPL				40.4	0.2	USD	FRPL
IPE	ICE Futures	Energy	ELB	Jet CIF NWE Cargoes Balmo Swap Day 2	Fut	Electronic	40.4	USD	FRPL				40.4	0.2	USD	FRPL
IPE	ICE Futures	Energy	ELC	Jet CIF NWE Cargoes Balmo Swap Day 3	Fut	Electronic	40.4	USD	FRPL				40.4	0.2	USD	FRPL
IPE	ICE Futures	Energy	ELD	Jet CIF NWE Cargoes Balmo Swap Day 4	Fut	Electronic	40.4	USD	FRPL				40.4	0.2	USD	FRPL
IPE	ICE Futures	Energy	ELE	Jet CIF NWE Cargoes Balmo Swap Day 5	Fut	Electronic	40.4	USD	FRPL				40.4	0.2	USD	FRPL
IPE	ICE Futures	Energy	ELF	Jet CIF NWE Cargoes Balmo Swap Day 6	Fut	Electronic	40.4	USD	FRPL				40.4	0.2	USD	FRPL
IPE	ICE Futures	Energy	ELG	Jet CIF NWE Cargoes Balmo Swap Day 7	Fut	Electronic	40.4	USD	FRPL				40.4	0.2	USD	FRPL
IPE	ICE Futures	Energy	ELH	Jet CIF NWE Cargoes Balmo Swap Day 8	Fut	Electronic	40.4	USD	FRPL				40.4	0.2	USD	FRPL
IPE	ICE Futures	Energy	ELI	Jet CIF NWE Cargoes Balmo Swap Day 9	Fut	Electronic	40.4	USD	FRPL				40.4	0.2	USD	FRPL
IPE	ICE Futures	Energy	ELJ	Jet CIF NWE Cargoes Balmo Swap Day 10	Fut	Electronic	40.4	USD	FRPL				40.4	0.2	USD	FRPL
IPE	ICE Futures	Energy	ELK	Jet CIF NWE Cargoes Balmo Swap Day 11	Fut	Electronic	40.4	USD	FRPL				40.4	0.2	USD	FRPL
IPE	ICE Futures	Energy	ELL	Jet CIF NWE Cargoes Balmo Swap Day 12	Fut	Electronic	40.4	USD	FRPL				40.4	0.2	USD	FRPL
IPE	ICE Futures	Energy	ELM	Jet CIF NWE Cargoes Balmo Swap Day 13	Fut	Electronic	40.4	USD	FRPL				40.4	0.2	USD	FRPL
IPE	ICE Futures	Energy	ELN	Jet CIF NWE Cargoes Balmo Swap Day 14	Fut	Electronic	40.4	USD	FRPL				40.4	0.2	USD	FRPL
IPE	ICE Futures	Energy	ELO	Jet CIF NWE Cargoes Balmo Swap Day 15	Fut	Electronic	40.4	USD	FRPL				40.4	0.2	USD	FRPL
IPE	ICE Futures	Energy	ELP	Jet CIF NWE Cargoes Balmo Swap Day 16	Fut	Electronic	40.4	USD	FRPL				40.4	0.2	USD	FRPL
IPE	ICE Futures	Energy	ELQ	Jet CIF NWE Cargoes Balmo Swap Day 17	Fut	Electronic	40.4	USD	FRPL				40.4	0.2	USD	FRPL
IPE	ICE Futures	Energy	ELR	Jet CIF NWE Cargoes Balmo Swap Day 18	Fut	Electronic	40.4	USD	FRPL				40.4	0.2	USD	FRPL
IPE	ICE Futures	Energy	ELS	Jet CIF NWE Cargoes Balmo Swap Day 19	Fut	Electronic	40.4	USD	FRPL				40.4	0.2	USD	FRPL
IPE	ICE Futures	Energy	ELT	Jet CIF NWE Cargoes Balmo Swap Day 20	Fut	Electronic	40.4	USD	FRPL				40.4	0.2	USD	FRPL
IPE	ICE Futures	Energy	ELU	Jet CIF NWE Cargoes Balmo Swap Day 21	Fut	Electronic	40.4	USD	FRPL				40.4	0.2	USD	FRPL
IPE	ICE Futures	Energy	ELV	Jet CIF NWE Cargoes Balmo Swap Day 22	Fut	Electronic	40.4	USD	FRPL				40.4	0.2	USD	FRPL
IPE	ICE Futures	Energy	ELW	Jet CIF NWE Cargoes Balmo Swap Day 23	Fut	Electronic	40.4	USD	FRPL				40.4	0.2	USD	FRPL
IPE	ICE Futures	Energy	ELX	Jet CIF NWE Cargoes Balmo Swap Day 24	Fut	Electronic	40.4	USD	FRPL				40.4	0.2	USD	FRPL

Exch Code	Exch Desc	Comm Group	Prod Code	Product Desc	F/O	Platform	Trd Fee	Trd Fee Cur	Trd Fee Meth	Clr Fee	Clr Fee Cur	Clr Fee Meth	Fee Total	Brk Fee	Brk Fee Cur	Brk Fee Meth
IPE	ICE Futures	Energy	ELY	Jet CIF NWE Cargoes Balmo Swap Day 25	Fut	Electronic	40.4	USD	FRPL				40.4	0.2	USD	FRPL
IPE	ICE Futures	Energy	ELZ	Jet CIF NWE Cargoes Balmo Swap Day 26	Fut	Electronic	40.4	USD	FRPL				40.4	0.2	USD	FRPL
IPE	ICE Futures	Energy	EMA	Jet CIF NWE Cargoes Balmo Swap Day 27	Fut	Electronic	40.4	USD	FRPL				40.4	0.2	USD	FRPL
IPE	ICE Futures	Energy	EMB	Jet CIF NWE Cargoes Balmo Swap Day 28	Fut	Electronic	40.4	USD	FRPL				40.4	0.2	USD	FRPL
IPE	ICE Futures	Energy	EMC	Jet CIF NWE Cargoes Balmo Swap Day 29	Fut	Electronic	40.4	USD	FRPL				40.4	0.2	USD	FRPL
IPE	ICE Futures	Energy	EMD	Jet CIF NWE Cargoes Balmo Swap Day 30	Fut	Electronic	40.4	USD	FRPL				40.4	0.2	USD	FRPL
IPE	ICE Futures	Energy	EME	Jet CIF NWE Cargoes Balmo Swap Day 31	Fut	Electronic	40.4	USD	FRPL				40.4	0.2	USD	FRPL
IPE	ICE Futures	Energy	EOB	Argus Euro-Bob Oxy FOB Rotterdam Barges vs Brent 1st Line Swap	Fut	Electronic	42.65	USD	FRPL				42.65	0.2	USD	FRPL
IPE	ICE Futures	Energy	EPA	ULSD 10ppm CIF NWE Cargoes vs Gasoil 1st Line Balmo Swap Day 1	Fut	Electronic	38.25	USD	FRPL				38.25	0.2	USD	FRPL
IPE	ICE Futures	Energy	EPB	ULSD 10ppm CIF NWE Cargoes vs Gasoil 1st Line Balmo Swap Day 2	Fut	Electronic	38.25	USD	FRPL				38.25	0.2	USD	FRPL
IPE	ICE Futures	Energy	EPC	ULSD 10ppm CIF NWE Cargoes vs Gasoil 1st Line Balmo Swap Day 3	Fut	Electronic	38.25	USD	FRPL				38.25	0.2	USD	FRPL
IPE	ICE Futures	Energy	EPD	ULSD 10ppm CIF NWE Cargoes vs Gasoil 1st Line Balmo Swap Day 4	Fut	Electronic	38.25	USD	FRPL				38.25	0.2	USD	FRPL
IPE	ICE Futures	Energy	EPE	ULSD 10ppm CIF NWE Cargoes vs Gasoil 1st Line Balmo Swap Day 5	Fut	Electronic	38.25	USD	FRPL				38.25	0.2	USD	FRPL
IPE	ICE Futures	Energy	EPF	ULSD 10ppm CIF NWE Cargoes vs Gasoil 1st Line Balmo Swap Day 6	Fut	Electronic	38.25	USD	FRPL				38.25	0.2	USD	FRPL
IPE	ICE Futures	Energy	EPG	ULSD 10ppm CIF NWE Cargoes vs Gasoil 1st Line Balmo Swap Day 7	Fut	Electronic	38.25	USD	FRPL				38.25	0.2	USD	FRPL
IPE	ICE Futures	Energy	EPH	ULSD 10ppm CIF NWE Cargoes vs Gasoil 1st Line Balmo Swap Day 8	Fut	Electronic	38.25	USD	FRPL				38.25	0.2	USD	FRPL
IPE	ICE Futures	Energy	EPI	ULSD 10ppm CIF NWE Cargoes vs Gasoil 1st Line Balmo Swap Day 9	Fut	Electronic	38.25	USD	FRPL				38.25	0.2	USD	FRPL
IPE	ICE Futures	Energy	EPJ	ULSD 10ppm CIF NWE Cargoes vs Gasoil 1st Line Balmo Swap Day 10	Fut	Electronic	38.25	USD	FRPL				38.25	0.2	USD	FRPL
IPE	ICE Futures	Energy	EPK	ULSD 10ppm CIF NWE Cargoes vs Gasoil 1st Line Balmo Swap Day 11	Fut	Electronic	38.25	USD	FRPL				38.25	0.2	USD	FRPL
IPE	ICE Futures	Energy	EPL	ULSD 10ppm CIF NWE Cargoes vs Gasoil 1st Line Balmo Swap Day 12	Fut	Electronic	38.25	USD	FRPL				38.25	0.2	USD	FRPL
IPE	ICE Futures	Energy	EPM	ULSD 10ppm CIF NWE Cargoes vs Gasoil 1st Line Balmo Swap Day 13	Fut	Electronic	38.25	USD	FRPL				38.25	0.2	USD	FRPL
IPE	ICE Futures	Energy	EPN	ULSD 10ppm CIF NWE Cargoes vs Gasoil 1st Line Balmo Swap Day 14	Fut	Electronic	38.25	USD	FRPL				38.25	0.2	USD	FRPL
IPE	ICE Futures	Energy	EPO	ULSD 10ppm CIF NWE Cargoes vs Gasoil 1st Line Balmo Swap Day 15	Fut	Electronic	38.25	USD	FRPL				38.25	0.2	USD	FRPL
IPE	ICE Futures	Energy	EPP	ULSD 10ppm CIF NWE Cargoes vs Gasoil 1st Line Balmo Swap Day 16	Fut	Electronic	38.25	USD	FRPL				38.25	0.2	USD	FRPL
IPE	ICE Futures	Energy	EPQ	ULSD 10ppm CIF NWE Cargoes vs Gasoil 1st Line Balmo Swap Day 17	Fut	Electronic	38.25	USD	FRPL				38.25	0.2	USD	FRPL
IPE	ICE Futures	Energy	EPR	ULSD 10ppm CIF NWE Cargoes vs Gasoil 1st Line Balmo Swap Day 18	Fut	Electronic	38.25	USD	FRPL				38.25	0.2	USD	FRPL
IPE	ICE Futures	Energy	EPS	ULSD 10ppm CIF NWE Cargoes vs Gasoil 1st Line Balmo Swap Day 19	Fut	Electronic	38.25	USD	FRPL				38.25	0.2	USD	FRPL
IPE	ICE Futures	Energy	EPT	ULSD 10ppm CIF NWE Cargoes vs Gasoil 1st Line Balmo Swap Day 20	Fut	Electronic	38.25	USD	FRPL				38.25	0.2	USD	FRPL
IPE	ICE Futures	Energy	EPU	ULSD 10ppm CIF NWE Cargoes vs Gasoil 1st Line Balmo Swap Day 21	Fut	Electronic	38.25	USD	FRPL				38.25	0.2	USD	FRPL
IPE	ICE Futures	Energy	EPV	ULSD 10ppm CIF NWE Cargoes vs Gasoil 1st Line Balmo Swap Day 22	Fut	Electronic	38.25	USD	FRPL				38.25	0.2	USD	FRPL
IPE	ICE Futures	Energy	EPW	ULSD 10ppm CIF NWE Cargoes vs Gasoil 1st Line Balmo Swap Day 23	Fut	Electronic	38.25	USD	FRPL				38.25	0.2	USD	FRPL
IPE	ICE Futures	Energy	EPX	ULSD 10ppm CIF NWE Cargoes vs Gasoil 1st Line Balmo Swap Day 24	Fut	Electronic	38.25	USD	FRPL				38.25	0.2	USD	FRPL
IPE	ICE Futures	Energy	EPY	ULSD 10ppm CIF NWE Cargoes vs Gasoil 1st Line Balmo Swap Day 25	Fut	Electronic	38.25	USD	FRPL				38.25	0.2	USD	FRPL

Exch Code	Exch Desc	Comm Group	Prod Code	Product Desc	F/O	Platform	Trd Fee	Trd Fee Cur	Trd Fee Meth	Clr Fee	Clr Fee Cur	Clr Fee Meth	Fee Total	Brk Fee	Brk Fee Cur	Brk Fee Meth
IPE	ICE Futures	Energy	EPZ	ULSD 10ppm CIF NWE Cargoes vs Gasoil 1st Line Balmo Swap Day 26	Fut	Electronic	38.25	USD	FRPL				38.25	0.2	USD	FRPL
IPE	ICE Futures	Energy	EQA	ULSD 10ppm CIF NWE Cargoes vs Gasoil 1st Line Balmo Swap Day 27	Fut	Electronic	38.25	USD	FRPL				38.25	0.2	USD	FRPL
IPE	ICE Futures	Energy	EQB	ULSD 10ppm CIF NWE Cargoes vs Gasoil 1st Line Balmo Swap Day 28	Fut	Electronic	38.25	USD	FRPL				38.25	0.2	USD	FRPL
IPE	ICE Futures	Energy	EQC	ULSD 10ppm CIF NWE Cargoes vs Gasoil 1st Line Balmo Swap Day 29	Fut	Electronic	38.25	USD	FRPL				38.25	0.2	USD	FRPL
IPE	ICE Futures	Energy	EQD	ULSD 10ppm CIF NWE Cargoes vs Gasoil 1st Line Balmo Swap Day 30	Fut	Electronic	38.25	USD	FRPL				38.25	0.2	USD	FRPL
IPE	ICE Futures	Energy	EQE	ULSD 10ppm CIF NWE Cargoes vs Gasoil 1st Line Balmo Swap Day 31	Fut	Electronic	38.25	USD	FRPL				38.25	0.2	USD	FRPL
IPE	ICE Futures	Energy	ERU	ECX ERU	Fut	Electronic	4	EUR	FRPL				4	0.2	USD	FRPL
IPE	ICE Futures	Energy	ERU	ECX ERU	Opt	Electronic	4	EUR	FRPL				4	0.15	EUR	FRPL
IPE	ICE Futures	Energy	ESO	Platts East Siberian Pacific Ocean (ESPO) Swap	Fut	Electronic	2.59	USD	FRPL				2.59	0.2	USD	FRPL
IPE	ICE Futures	Energy	ESP	Platts East Siberian Pacific Ocean (ESPO) Diff Swap	Fut	Electronic	2.59	USD	FRPL				2.59	0.2	USD	FRPL
IPE	ICE Futures	Energy	ETC	Chicago Ethanol Swap	Fut	Electronic	16	USD	FRPL				16	0.2	USD	FRPL
IPE	ICE Futures	Energy	ETE	Ethane, OPIS Mt. Belvieu Non-TET, Fixed Price Swap	Fut	Electronic	10.75	USD	FRPL				10.75	0.2	USD	FRPL
IPE	ICE Futures	Energy	ETE	Ethane, OPIS Mt. Belvieu Non-TET, Fixed Price Swap	Opt	Electronic	10.75	USD	FRPL				10.75	0.15	EUR	FRPL
IPE	ICE Futures	Energy	ETN	New York Ethanol Swap	Fut	Electronic	16	USD	FRPL				16	0.2	USD	FRPL
IPE	ICE Futures	Energy	EUA	Diesel 10ppm FOB Rotterdam Barges vs Gasoil 1st Line Balmo Swap Day 1	Fut	Electronic	38.25	USD	FRPL				38.25	0.2	USD	FRPL
IPE	ICE Futures	Energy	EUB	Diesel 10ppm FOB Rotterdam Barges vs Gasoil 1st Line Balmo Swap Day 2	Fut	Electronic	38.25	USD	FRPL				38.25	0.2	USD	FRPL
IPE	ICE Futures	Energy	EUC	Diesel 10ppm FOB Rotterdam Barges vs Gasoil 1st Line Balmo Swap Day 3	Fut	Electronic	38.25	USD	FRPL				38.25	0.2	USD	FRPL
IPE	ICE Futures	Energy	EUD	Diesel 10ppm FOB Rotterdam Barges vs Gasoil 1st Line Balmo Swap Day 4	Fut	Electronic	38.25	USD	FRPL				38.25	0.2	USD	FRPL
IPE	ICE Futures	Energy	EUE	Diesel 10ppm FOB Rotterdam Barges vs Gasoil 1st Line Balmo Swap Day 5	Fut	Electronic	38.25	USD	FRPL				38.25	0.2	USD	FRPL
IPE	ICE Futures	Energy	EUF	Diesel 10ppm FOB Rotterdam Barges vs Gasoil 1st Line Balmo Swap Day 6	Fut	Electronic	38.25	USD	FRPL				38.25	0.2	USD	FRPL
IPE	ICE Futures	Energy	EUG	Diesel 10ppm FOB Rotterdam Barges vs Gasoil 1st Line Balmo Swap Day 7	Fut	Electronic	38.25	USD	FRPL				38.25	0.2	USD	FRPL
IPE	ICE Futures	Energy	EUH	Diesel 10ppm FOB Rotterdam Barges vs Gasoil 1st Line Balmo Swap Day 8	Fut	Electronic	38.25	USD	FRPL				38.25	0.2	USD	FRPL
IPE	ICE Futures	Energy	EUI	Diesel 10ppm FOB Rotterdam Barges vs Gasoil 1st Line Balmo Swap Day 9	Fut	Electronic	38.25	USD	FRPL				38.25	0.2	USD	FRPL
IPE	ICE Futures	Energy	EUJ	Diesel 10ppm FOB Rotterdam Barges vs Gasoil 1st Line Balmo Swap Day 10	Fut	Electronic	38.25	USD	FRPL				38.25	0.2	USD	FRPL
IPE	ICE Futures	Energy	EUK	Diesel 10ppm FOB Rotterdam Barges vs Gasoil 1st Line Balmo Swap Day 11	Fut	Electronic	38.25	USD	FRPL				38.25	0.2	USD	FRPL
IPE	ICE Futures	Energy	EUL	Diesel 10ppm FOB Rotterdam Barges vs Gasoil 1st Line Balmo Swap Day 12	Fut	Electronic	38.25	USD	FRPL				38.25	0.2	USD	FRPL
IPE	ICE Futures	Energy	EUM	Diesel 10ppm FOB Rotterdam Barges vs Gasoil 1st Line Balmo Swap Day 13	Fut	Electronic	38.25	USD	FRPL				38.25	0.2	USD	FRPL
IPE	ICE Futures	Energy	EUN	Diesel 10ppm FOB Rotterdam Barges vs Gasoil 1st Line Balmo Swap Day 14	Fut	Electronic	38.25	USD	FRPL				38.25	0.2	USD	FRPL
IPE	ICE Futures	Energy	EUO	Diesel 10ppm FOB Rotterdam Barges vs Gasoil 1st Line Balmo Swap Day 15	Fut	Electronic	38.25	USD	FRPL				38.25	0.2	USD	FRPL
IPE	ICE Futures	Energy	EUP	Diesel 10ppm FOB Rotterdam Barges vs Gasoil 1st Line Balmo Swap Day 16	Fut	Electronic	38.25	USD	FRPL				38.25	0.2	USD	FRPL
IPE	ICE Futures	Energy	EUQ	Diesel 10ppm FOB Rotterdam Barges vs Gasoil 1st Line Balmo Swap Day 17	Fut	Electronic	38.25	USD	FRPL				38.25	0.2	USD	FRPL
IPE	ICE Futures	Energy	EUR	Diesel 10ppm FOB Rotterdam Barges vs Gasoil 1st Line Balmo Swap Day 18	Fut	Electronic	38.25	USD	FRPL				38.25	0.2	USD	FRPL
IPE	ICE Futures	Energy	EUS	Diesel 10ppm FOB Rotterdam Barges vs Gasoil 1st Line Balmo Swap Day 19	Fut	Electronic	38.25	USD	FRPL				38.25	0.2	USD	FRPL

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IPE	ICE Futures	Energy	EUT	Diesel 10ppm FOB Rotterdam Barges vs Gasoil 1st Line Balmo Swap Day 20	Fut	Electronic	38.25	USD	FRPL				38.25	0.2	USD	FRPL
IPE	ICE Futures	Energy	EUU	Diesel 10ppm FOB Rotterdam Barges vs Gasoil 1st Line Balmo Swap Day 21	Fut	Electronic	38.25	USD	FRPL				38.25	0.2	USD	FRPL
IPE	ICE Futures	Energy	EUV	Diesel 10ppm FOB Rotterdam Barges vs Gasoil 1st Line Balmo Swap Day 22	Fut	Electronic	38.25	USD	FRPL				38.25	0.2	USD	FRPL
IPE	ICE Futures	Energy	EUW	Diesel 10ppm FOB Rotterdam Barges vs Gasoil 1st Line Balmo Swap Day 23	Fut	Electronic	38.25	USD	FRPL				38.25	0.2	USD	FRPL
IPE	ICE Futures	Energy	EUX	Diesel 10ppm FOB Rotterdam Barges vs Gasoil 1st Line Balmo Swap Day 24	Fut	Electronic	38.25	USD	FRPL				38.25	0.2	USD	FRPL
IPE	ICE Futures	Energy	EUY	Diesel 10ppm FOB Rotterdam Barges vs Gasoil 1st Line Balmo Swap Day 25	Fut	Electronic	38.25	USD	FRPL				38.25	0.2	USD	FRPL
IPE	ICE Futures	Energy	EUZ	Diesel 10ppm FOB Rotterdam Barges vs Gasoil 1st Line Balmo Swap Day 26	Fut	Electronic	38.25	USD	FRPL				38.25	0.2	USD	FRPL
IPE	ICE Futures	Energy	EVA	Diesel 10ppm FOB Rotterdam Barges vs Gasoil 1st Line Balmo Swap Day 27	Fut	Electronic	38.25	USD	FRPL				38.25	0.2	USD	FRPL
IPE	ICE Futures	Energy	EVB	Diesel 10ppm FOB Rotterdam Barges vs Gasoil 1st Line Balmo Swap Day 28	Fut	Electronic	38.25	USD	FRPL				38.25	0.2	USD	FRPL
IPE	ICE Futures	Energy	EVC	Diesel 10ppm FOB Rotterdam Barges vs Gasoil 1st Line Balmo Swap Day 29	Fut	Electronic	38.25	USD	FRPL				38.25	0.2	USD	FRPL
IPE	ICE Futures	Energy	EVD	Diesel 10ppm FOB Rotterdam Barges vs Gasoil 1st Line Balmo Swap Day 30	Fut	Electronic	38.25	USD	FRPL				38.25	0.2	USD	FRPL
IPE	ICE Futures	Energy	EVE	Diesel 10ppm FOB Rotterdam Barges vs Gasoil 1st Line Balmo Swap Day 31	Fut	Electronic	38.25	USD	FRPL				38.25	0.2	USD	FRPL
IPE	ICE Futures	Energy	F	Argus Sour Crude Index	Fut	Electronic	0.82	USD	FRPL				0.82	0.2	USD	FRPL
IPE	ICE Futures	Energy	FAM	Argus FAME Zero Biodiesel FOB Rotterdam Swap	Fut	Electronic	38.25	USD	FRPL				38.25	0.2	USD	FRPL
IPE	ICE Futures	Energy	FBC	Fuel Oil 1% FOB Rotterdam Barges vs 1% FOB NWE Cargoes Swap	Fut	Electronic	32.75	USD	FRPL				32.75	0.2	USD	FRPL
IPE	ICE Futures	Energy	FBE	Fuel Oil 1% FOB Rotterdam Barges vs 1% CIF NWE Cargoes Swap	Fut	Electronic	32.75	USD	FRPL				32.75	0.2	USD	FRPL
IPE	ICE Futures	Energy	FBG	Diesel 10ppm FOB Rotterdam Barges Bullet Swap	Fut	Electronic	3.82	USD	FRPL				3.82	0.2	USD	FRPL
IPE	ICE Futures	Energy	FCA	Fuel Oil 1% FOB NWE Cargoes vs 3.5% FOB Rotterdam Barges Balmo Swap Day 1	Fut	Electronic	32.75	USD	FRPL				32.75	0.2	USD	FRPL
IPE	ICE Futures	Energy	FCB	Fuel Oil 1% FOB NWE Cargoes vs 3.5% FOB Rotterdam Barges Balmo Swap Day 2	Fut	Electronic	32.75	USD	FRPL				32.75	0.2	USD	FRPL
IPE	ICE Futures	Energy	FCC	Fuel Oil 1% FOB NWE Cargoes vs 3.5% FOB Rotterdam Barges Balmo Swap Day 3	Fut	Electronic	32.75	USD	FRPL				32.75	0.2	USD	FRPL
IPE	ICE Futures	Energy	FCD	Fuel Oil 1% FOB NWE Cargoes vs 3.5% FOB Rotterdam Barges Balmo Swap Day 4	Fut	Electronic	32.75	USD	FRPL				32.75	0.2	USD	FRPL
IPE	ICE Futures	Energy	FCE	Fuel Oil 1% FOB NWE Cargoes vs 3.5% FOB Rotterdam Barges Balmo Swap Day 5	Fut	Electronic	32.75	USD	FRPL				32.75	0.2	USD	FRPL
IPE	ICE Futures	Energy	FCF	Fuel Oil 1% FOB NWE Cargoes vs 3.5% FOB Rotterdam Barges Balmo Swap Day 6	Fut	Electronic	32.75	USD	FRPL				32.75	0.2	USD	FRPL
IPE	ICE Futures	Energy	FCG	Fuel Oil 1% FOB NWE Cargoes vs 3.5% FOB Rotterdam Barges Balmo Swap Day 7	Fut	Electronic	32.75	USD	FRPL				32.75	0.2	USD	FRPL
IPE	ICE Futures	Energy	FCH	Fuel Oil 1% FOB NWE Cargoes vs 3.5% FOB Rotterdam Barges Balmo Swap Day 8	Fut	Electronic	32.75	USD	FRPL				32.75	0.2	USD	FRPL
IPE	ICE Futures	Energy	FCI	Fuel Oil 1% FOB NWE Cargoes vs 3.5% FOB Rotterdam Barges Balmo Swap Day 9	Fut	Electronic	32.75	USD	FRPL				32.75	0.2	USD	FRPL
IPE	ICE Futures	Energy	FCJ	Fuel Oil 1% FOB NWE Cargoes vs 3.5% FOB Rotterdam Barges Balmo Swap Day 10	Fut	Electronic	32.75	USD	FRPL				32.75	0.2	USD	FRPL
IPE	ICE Futures	Energy	FCK	Fuel Oil 1% FOB NWE Cargoes vs 3.5% FOB Rotterdam Barges Balmo Swap Day 11	Fut	Electronic	32.75	USD	FRPL				32.75	0.2	USD	FRPL
IPE	ICE Futures	Energy	FCL	Fuel Oil 1% FOB NWE Cargoes vs 3.5% FOB Rotterdam Barges Balmo Swap Day 12	Fut	Electronic	32.75	USD	FRPL				32.75	0.2	USD	FRPL
IPE	ICE Futures	Energy	FCM	Fuel Oil 1% FOB NWE Cargoes vs 3.5% FOB Rotterdam Barges Balmo Swap Day 13	Fut	Electronic	32.75	USD	FRPL				32.75	0.2	USD	FRPL
IPE	ICE Futures	Energy	FCN	Fuel Oil 1% FOB NWE Cargoes vs 3.5% FOB Rotterdam Barges Balmo Swap Day 14	Fut	Electronic	32.75	USD	FRPL				32.75	0.2	USD	FRPL

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IPE	ICE Futures	Energy	FCO	Fuel Oil 1% FOB NWE Cargoes vs 3.5% FOB Rotterdam Barges Balmo Swap Day 15	Fut	Electronic	32.75	USD	FRPL				32.75	0.2	USD	FRPL
IPE	ICE Futures	Energy	FCP	Fuel Oil 1% FOB NWE Cargoes vs 3.5% FOB Rotterdam Barges Balmo Swap Day 16	Fut	Electronic	32.75	USD	FRPL				32.75	0.2	USD	FRPL
IPE	ICE Futures	Energy	FCQ	Fuel Oil 1% FOB NWE Cargoes vs 3.5% FOB Rotterdam Barges Balmo Swap Day 17	Fut	Electronic	32.75	USD	FRPL				32.75	0.2	USD	FRPL
IPE	ICE Futures	Energy	FCR	Fuel Oil 1% FOB NWE Cargoes vs 3.5% FOB Rotterdam Barges Balmo Swap Day 18	Fut	Electronic	32.75	USD	FRPL				32.75	0.2	USD	FRPL
IPE	ICE Futures	Energy	FCS	Fuel Oil 1% FOB NWE Cargoes vs 3.5% FOB Rotterdam Barges Balmo Swap Day 19	Fut	Electronic	32.75	USD	FRPL				32.75	0.2	USD	FRPL
IPE	ICE Futures	Energy	FCT	Fuel Oil 1% FOB NWE Cargoes vs 3.5% FOB Rotterdam Barges Balmo Swap Day 20	Fut	Electronic	32.75	USD	FRPL				32.75	0.2	USD	FRPL
IPE	ICE Futures	Energy	FCU	Fuel Oil 1% FOB NWE Cargoes vs 3.5% FOB Rotterdam Barges Balmo Swap Day 21	Fut	Electronic	32.75	USD	FRPL				32.75	0.2	USD	FRPL
IPE	ICE Futures	Energy	FCV	Fuel Oil 1% FOB NWE Cargoes vs 3.5% FOB Rotterdam Barges Balmo Swap Day 22	Fut	Electronic	32.75	USD	FRPL				32.75	0.2	USD	FRPL
IPE	ICE Futures	Energy	FCW	Fuel Oil 1% FOB NWE Cargoes vs 3.5% FOB Rotterdam Barges Balmo Swap Day 23	Fut	Electronic	32.75	USD	FRPL				32.75	0.2	USD	FRPL
IPE	ICE Futures	Energy	FCX	Fuel Oil 1% FOB NWE Cargoes vs 3.5% FOB Rotterdam Barges Balmo Swap Day 24	Fut	Electronic	32.75	USD	FRPL				32.75	0.2	USD	FRPL
IPE	ICE Futures	Energy	FCY	Fuel Oil 1% FOB NWE Cargoes vs 3.5% FOB Rotterdam Barges Balmo Swap Day 25	Fut	Electronic	32.75	USD	FRPL				32.75	0.2	USD	FRPL
IPE	ICE Futures	Energy	FCZ	Fuel Oil 1% FOB NWE Cargoes vs 3.5% FOB Rotterdam Barges Balmo Swap Day 26	Fut	Electronic	32.75	USD	FRPL				32.75	0.2	USD	FRPL
IPE	ICE Futures	Energy	FDA	Fuel Oil 1% FOB NWE Cargoes vs 3.5% FOB Rotterdam Barges Balmo Swap Day 27	Fut	Electronic	32.75	USD	FRPL				32.75	0.2	USD	FRPL
IPE	ICE Futures	Energy	FDB	Fuel Oil 1% FOB NWE Cargoes vs 3.5% FOB Rotterdam Barges Balmo Swap Day 28	Fut	Electronic	32.75	USD	FRPL				32.75	0.2	USD	FRPL
IPE	ICE Futures	Energy	FDC	Fuel Oil 1% FOB NWE Cargoes vs 3.5% FOB Rotterdam Barges Balmo Swap Day 29	Fut	Electronic	32.75	USD	FRPL				32.75	0.2	USD	FRPL
IPE	ICE Futures	Energy	FDD	Fuel Oil 1% FOB NWE Cargoes vs 3.5% FOB Rotterdam Barges Balmo Swap Day 30	Fut	Electronic	32.75	USD	FRPL				32.75	0.2	USD	FRPL
IPE	ICE Futures	Energy	FDE	Fuel Oil 1% FOB NWE Cargoes vs 3.5% FOB Rotterdam Barges Balmo Swap Day 31	Fut	Electronic	32.75	USD	FRPL				32.75	0.2	USD	FRPL
IPE	ICE Futures	Energy	FEA	Naphtha C+F Japan Balmo Swap Day 1	Fut	Electronic	45.5	USD	FRPL				45.5	0.2	USD	FRPL
IPE	ICE Futures	Energy	FEB	Naphtha C+F Japan Balmo Swap Day 2	Fut	Electronic	45.5	USD	FRPL				45.5	0.2	USD	FRPL
IPE	ICE Futures	Energy	FEC	Naphtha C+F Japan Balmo Swap Day 3	Fut	Electronic	45.5	USD	FRPL				45.5	0.2	USD	FRPL
IPE	ICE Futures	Energy	FED	Naphtha C+F Japan Balmo Swap Day 4	Fut	Electronic	45.5	USD	FRPL				45.5	0.2	USD	FRPL
IPE	ICE Futures	Energy	FEE	Naphtha C+F Japan Balmo Swap Day 5	Fut	Electronic	45.5	USD	FRPL				45.5	0.2	USD	FRPL
IPE	ICE Futures	Energy	FEF	Naphtha C+F Japan Balmo Swap Day 6	Fut	Electronic	45.5	USD	FRPL				45.5	0.2	USD	FRPL
IPE	ICE Futures	Energy	FEG	Naphtha C+F Japan Balmo Swap Day 7	Fut	Electronic	45.5	USD	FRPL				45.5	0.2	USD	FRPL
IPE	ICE Futures	Energy	FEH	Naphtha C+F Japan Balmo Swap Day 8	Fut	Electronic	45.5	USD	FRPL				45.5	0.2	USD	FRPL
IPE	ICE Futures	Energy	FEI	Naphtha C+F Japan Balmo Swap Day 9	Fut	Electronic	45.5	USD	FRPL				45.5	0.2	USD	FRPL
IPE	ICE Futures	Energy	FEJ	Naphtha C+F Japan Balmo Swap Day 10	Fut	Electronic	45.5	USD	FRPL				45.5	0.2	USD	FRPL
IPE	ICE Futures	Energy	FEK	Naphtha C+F Japan Balmo Swap Day 11	Fut	Electronic	45.5	USD	FRPL				45.5	0.2	USD	FRPL
IPE	ICE Futures	Energy	FEL	Naphtha C+F Japan Balmo Swap Day 12	Fut	Electronic	45.5	USD	FRPL				45.5	0.2	USD	FRPL
IPE	ICE Futures	Energy	FEM	Naphtha C+F Japan Balmo Swap Day 13	Fut	Electronic	45.5	USD	FRPL				45.5	0.2	USD	FRPL
IPE	ICE Futures	Energy	FEN	Naphtha C+F Japan Balmo Swap Day 14	Fut	Electronic	45.5	USD	FRPL				45.5	0.2	USD	FRPL
IPE	ICE Futures	Energy	FEO	Naphtha C+F Japan Balmo Swap Day 15	Fut	Electronic	45.5	USD	FRPL				45.5	0.2	USD	FRPL
IPE	ICE Futures	Energy	FEP	Naphtha C+F Japan Balmo Swap Day 16	Fut	Electronic	45.5	USD	FRPL				45.5	0.2	USD	FRPL
IPE	ICE Futures	Energy	FEQ	Naphtha C+F Japan Balmo Swap Day 17	Fut	Electronic	45.5	USD	FRPL				45.5	0.2	USD	FRPL
IPE	ICE Futures	Energy	FER	Naphtha C+F Japan Balmo Swap Day 18	Fut	Electronic	45.5	USD	FRPL				45.5	0.2	USD	FRPL
IPE	ICE Futures	Energy	FES	Naphtha C+F Japan Balmo Swap Day 19	Fut	Electronic	45.5	USD	FRPL				45.5	0.2	USD	FRPL
IPE	ICE Futures	Energy	FET	Naphtha C+F Japan Balmo Swap Day 20	Fut	Electronic	45.5	USD	FRPL				45.5	0.2	USD	FRPL
IPE	ICE Futures	Energy	FEU	Naphtha C+F Japan Balmo Swap Day 21	Fut	Electronic	45.5	USD	FRPL				45.5	0.2	USD	FRPL
IPE	ICE Futures	Energy	FEV	Naphtha C+F Japan Balmo Swap Day 22	Fut	Electronic	45.5	USD	FRPL				45.5	0.2	USD	FRPL
IPE	ICE Futures	Energy	FEW	Naphtha C+F Japan Balmo Swap Day 23	Fut	Electronic	45.5	USD	FRPL				45.5	0.2	USD	FRPL
IPE	ICE Futures	Energy	FEX	Naphtha C+F Japan Balmo Swap Day 24	Fut	Electronic	45.5	USD	FRPL				45.5	0.2	USD	FRPL
IPE	ICE Futures	Energy	FEY	Naphtha C+F Japan Balmo Swap Day 25	Fut	Electronic	45.5	USD	FRPL				45.5	0.2	USD	FRPL

Exch Code	Exch Desc	Comm Group	Prod Code	Product Desc	F/O	Platform	Trd Fee	Trd Fee Cur	Trd Fee Meth	Clr Fee	Clr Fee Cur	Clr Fee Meth	Fee Total	Brk Fee	Brk Fee Cur	Brk Fee Meth
IPE	ICE Futures	Energy	FEZ	Naphtha C+F Japan Balmo Swap Day 26	Fut	Electronic	45.5	USD	FRPL				45.5	0.2	USD	FRPL
IPE	ICE Futures	Energy	FFA	Naphtha C+F Japan Balmo Swap Day 27	Fut	Electronic	45.5	USD	FRPL				45.5	0.2	USD	FRPL
IPE	ICE Futures	Energy	FFB	Naphtha C+F Japan Balmo Swap Day 28	Fut	Electronic	45.5	USD	FRPL				45.5	0.2	USD	FRPL
IPE	ICE Futures	Energy	FFC	Naphtha C+F Japan Balmo Swap Day 29	Fut	Electronic	45.5	USD	FRPL				45.5	0.2	USD	FRPL
IPE	ICE Futures	Energy	FFD	Naphtha C+F Japan Balmo Swap Day 30	Fut	Electronic	45.5	USD	FRPL				45.5	0.2	USD	FRPL
IPE	ICE Futures	Energy	FFE	Naphtha C+F Japan Balmo Swap Day 31	Fut	Electronic	45.5	USD	FRPL				45.5	0.2	USD	FRPL
IPE	ICE Futures	Energy	FGA	Singapore Jet Kero vs Singapore 0.5% Gasoil Balmo Swap Day 1	Fut	Electronic	5.09	USD	FRPL				5.09	0.2	USD	FRPL
IPE	ICE Futures	Energy	FGB	Singapore Jet Kero vs Singapore 0.5% Gasoil Balmo Swap Day 2	Fut	Electronic	5.09	USD	FRPL				5.09	0.2	USD	FRPL
IPE	ICE Futures	Energy	FGC	Singapore Jet Kero vs Singapore 0.5% Gasoil Balmo Swap Day 3	Fut	Electronic	5.09	USD	FRPL				5.09	0.2	USD	FRPL
IPE	ICE Futures	Energy	FGD	Singapore Jet Kero vs Singapore 0.5% Gasoil Balmo Swap Day 4	Fut	Electronic	5.09	USD	FRPL				5.09	0.2	USD	FRPL
IPE	ICE Futures	Energy	FGE	Singapore Jet Kero vs Singapore 0.5% Gasoil Balmo Swap Day 5	Fut	Electronic	5.09	USD	FRPL				5.09	0.2	USD	FRPL
IPE	ICE Futures	Energy	FGF	Singapore Jet Kero vs Singapore 0.5% Gasoil Balmo Swap Day 6	Fut	Electronic	5.09	USD	FRPL				5.09	0.2	USD	FRPL
IPE	ICE Futures	Energy	FGG	Singapore Jet Kero vs Singapore 0.5% Gasoil Balmo Swap Day 7	Fut	Electronic	5.09	USD	FRPL				5.09	0.2	USD	FRPL
IPE	ICE Futures	Energy	FGH	Singapore Jet Kero vs Singapore 0.5% Gasoil Balmo Swap Day 8	Fut	Electronic	5.09	USD	FRPL				5.09	0.2	USD	FRPL
IPE	ICE Futures	Energy	FGI	Singapore Jet Kero vs Singapore 0.5% Gasoil Balmo Swap Day 9	Fut	Electronic	5.09	USD	FRPL				5.09	0.2	USD	FRPL
IPE	ICE Futures	Energy	FGJ	Singapore Jet Kero vs Singapore 0.5% Gasoil Balmo Swap Day 10	Fut	Electronic	5.09	USD	FRPL				5.09	0.2	USD	FRPL
IPE	ICE Futures	Energy	FGK	Singapore Jet Kero vs Singapore 0.5% Gasoil Balmo Swap Day 11	Fut	Electronic	5.09	USD	FRPL				5.09	0.2	USD	FRPL
IPE	ICE Futures	Energy	FGL	Singapore Jet Kero vs Singapore 0.5% Gasoil Balmo Swap Day 12	Fut	Electronic	5.09	USD	FRPL				5.09	0.2	USD	FRPL
IPE	ICE Futures	Energy	FGM	Singapore Jet Kero vs Singapore 0.5% Gasoil Balmo Swap Day 13	Fut	Electronic	5.09	USD	FRPL				5.09	0.2	USD	FRPL
IPE	ICE Futures	Energy	FGN	Singapore Jet Kero vs Singapore 0.5% Gasoil Balmo Swap Day 14	Fut	Electronic	5.09	USD	FRPL				5.09	0.2	USD	FRPL
IPE	ICE Futures	Energy	FGO	Singapore Jet Kero vs Singapore 0.5% Gasoil Balmo Swap Day 15	Fut	Electronic	5.09	USD	FRPL				5.09	0.2	USD	FRPL
IPE	ICE Futures	Energy	FGP	Singapore Jet Kero vs Singapore 0.5% Gasoil Balmo Swap Day 16	Fut	Electronic	5.09	USD	FRPL				5.09	0.2	USD	FRPL
IPE	ICE Futures	Energy	FGQ	Singapore Jet Kero vs Singapore 0.5% Gasoil Balmo Swap Day 17	Fut	Electronic	5.09	USD	FRPL				5.09	0.2	USD	FRPL
IPE	ICE Futures	Energy	FGR	Singapore Jet Kero vs Singapore 0.5% Gasoil Balmo Swap Day 18	Fut	Electronic	5.09	USD	FRPL				5.09	0.2	USD	FRPL
IPE	ICE Futures	Energy	FGS	Singapore Jet Kero vs Singapore 0.5% Gasoil Balmo Swap Day 19	Fut	Electronic	5.09	USD	FRPL				5.09	0.2	USD	FRPL
IPE	ICE Futures	Energy	FGT	Singapore Jet Kero vs Singapore 0.5% Gasoil Balmo Swap Day 20	Fut	Electronic	5.09	USD	FRPL				5.09	0.2	USD	FRPL
IPE	ICE Futures	Energy	FGU	Singapore Jet Kero vs Singapore 0.5% Gasoil Balmo Swap Day 21	Fut	Electronic	5.09	USD	FRPL				5.09	0.2	USD	FRPL
IPE	ICE Futures	Energy	FGV	Singapore Jet Kero vs Singapore 0.5% Gasoil Balmo Swap Day 22	Fut	Electronic	5.09	USD	FRPL				5.09	0.2	USD	FRPL
IPE	ICE Futures	Energy	FGW	Singapore Jet Kero vs Singapore 0.5% Gasoil Balmo Swap Day 23	Fut	Electronic	5.09	USD	FRPL				5.09	0.2	USD	FRPL
IPE	ICE Futures	Energy	FGX	Singapore Jet Kero vs Singapore 0.5% Gasoil Balmo Swap Day 24	Fut	Electronic	5.09	USD	FRPL				5.09	0.2	USD	FRPL
IPE	ICE Futures	Energy	FGY	Singapore Jet Kero vs Singapore 0.5% Gasoil Balmo Swap Day 25	Fut	Electronic	5.09	USD	FRPL				5.09	0.2	USD	FRPL
IPE	ICE Futures	Energy	FGZ	Singapore Jet Kero vs Singapore 0.5% Gasoil Balmo Swap Day 26	Fut	Electronic	5.09	USD	FRPL				5.09	0.2	USD	FRPL

Exch Code	Exch Desc	Comm Group	Prod Code	Product Desc	F/O	Platform	Trd Fee	Trd Fee Cur	Trd Fee Meth	Clr Fee	Clr Fee Cur	Clr Fee Meth	Fee Total	Brk Fee	Brk Fee Cur	Brk Fee Meth
IPE	ICE Futures	Energy	FHA	Singapore Jet Kero vs Singapore 0.5% Gasoil Balmo Swap Day 27	Fut	Electronic	5.09	USD	FRPL				5.09	0.2	USD	FRPL
IPE	ICE Futures	Energy	FHB	Singapore Jet Kero vs Singapore 0.5% Gasoil Balmo Swap Day 28	Fut	Electronic	5.09	USD	FRPL				5.09	0.2	USD	FRPL
IPE	ICE Futures	Energy	FHC	Singapore Jet Kero vs Singapore 0.5% Gasoil Balmo Swap Day 29	Fut	Electronic	5.09	USD	FRPL				5.09	0.2	USD	FRPL
IPE	ICE Futures	Energy	FHD	Singapore Jet Kero vs Singapore 0.5% Gasoil Balmo Swap Day 30	Fut	Electronic	5.09	USD	FRPL				5.09	0.2	USD	FRPL
IPE	ICE Futures	Energy	FHE	Singapore Jet Kero vs Singapore 0.5% Gasoil Balmo Swap Day 31	Fut	Electronic	5.09	USD	FRPL				5.09	0.2	USD	FRPL
IPE	ICE Futures	Energy	FJA	Naphtha CIF NWE Cargoes vs Brent 1st Line Balmo Swap Day 1	Fut	Electronic	45.5	USD	FRPL				45.5	0.2	USD	FRPL
IPE	ICE Futures	Energy	FJB	Naphtha CIF NWE Cargoes vs Brent 1st Line Balmo Swap Day 2	Fut	Electronic	45.5	USD	FRPL				45.5	0.2	USD	FRPL
IPE	ICE Futures	Energy	FJC	Naphtha CIF NWE Cargoes vs Brent 1st Line Balmo Swap Day 3	Fut	Electronic	45.5	USD	FRPL				45.5	0.2	USD	FRPL
IPE	ICE Futures	Energy	FJD	Naphtha CIF NWE Cargoes vs Brent 1st Line Balmo Swap Day 4	Fut	Electronic	45.5	USD	FRPL				45.5	0.2	USD	FRPL
IPE	ICE Futures	Energy	FJE	Naphtha CIF NWE Cargoes vs Brent 1st Line Balmo Swap Day 5	Fut	Electronic	45.5	USD	FRPL				45.5	0.2	USD	FRPL
IPE	ICE Futures	Energy	FJF	Naphtha CIF NWE Cargoes vs Brent 1st Line Balmo Swap Day 6	Fut	Electronic	45.5	USD	FRPL				45.5	0.2	USD	FRPL
IPE	ICE Futures	Energy	FJG	Naphtha CIF NWE Cargoes vs Brent 1st Line Balmo Swap Day 7	Fut	Electronic	45.5	USD	FRPL				45.5	0.2	USD	FRPL
IPE	ICE Futures	Energy	FJH	Naphtha CIF NWE Cargoes vs Brent 1st Line Balmo Swap Day 8	Fut	Electronic	45.5	USD	FRPL				45.5	0.2	USD	FRPL
IPE	ICE Futures	Energy	FJI	Naphtha CIF NWE Cargoes vs Brent 1st Line Balmo Swap Day 9	Fut	Electronic	45.5	USD	FRPL				45.5	0.2	USD	FRPL
IPE	ICE Futures	Energy	FJJ	Naphtha CIF NWE Cargoes vs Brent 1st Line Balmo Swap Day 10	Fut	Electronic	45.5	USD	FRPL				45.5	0.2	USD	FRPL
IPE	ICE Futures	Energy	FJK	Naphtha CIF NWE Cargoes vs Brent 1st Line Balmo Swap Day 11	Fut	Electronic	45.5	USD	FRPL				45.5	0.2	USD	FRPL
IPE	ICE Futures	Energy	FJL	Naphtha CIF NWE Cargoes vs Brent 1st Line Balmo Swap Day 12	Fut	Electronic	45.5	USD	FRPL				45.5	0.2	USD	FRPL
IPE	ICE Futures	Energy	FJM	Naphtha CIF NWE Cargoes vs Brent 1st Line Balmo Swap Day 13	Fut	Electronic	45.5	USD	FRPL				45.5	0.2	USD	FRPL
IPE	ICE Futures	Energy	FJN	Naphtha CIF NWE Cargoes vs Brent 1st Line Balmo Swap Day 14	Fut	Electronic	45.5	USD	FRPL				45.5	0.2	USD	FRPL
IPE	ICE Futures	Energy	FJO	Naphtha CIF NWE Cargoes vs Brent 1st Line Balmo Swap Day 15	Fut	Electronic	45.5	USD	FRPL				45.5	0.2	USD	FRPL
IPE	ICE Futures	Energy	FJP	Naphtha CIF NWE Cargoes vs Brent 1st Line Balmo Swap Day 16	Fut	Electronic	45.5	USD	FRPL				45.5	0.2	USD	FRPL
IPE	ICE Futures	Energy	FJQ	Naphtha CIF NWE Cargoes vs Brent 1st Line Balmo Swap Day 17	Fut	Electronic	45.5	USD	FRPL				45.5	0.2	USD	FRPL
IPE	ICE Futures	Energy	FJR	Naphtha CIF NWE Cargoes vs Brent 1st Line Balmo Swap Day 18	Fut	Electronic	45.5	USD	FRPL				45.5	0.2	USD	FRPL
IPE	ICE Futures	Energy	FJS	Naphtha CIF NWE Cargoes vs Brent 1st Line Balmo Swap Day 19	Fut	Electronic	45.5	USD	FRPL				45.5	0.2	USD	FRPL
IPE	ICE Futures	Energy	FJT	Naphtha CIF NWE Cargoes vs Brent 1st Line Balmo Swap Day 20	Fut	Electronic	45.5	USD	FRPL				45.5	0.2	USD	FRPL
IPE	ICE Futures	Energy	FJU	Naphtha CIF NWE Cargoes vs Brent 1st Line Balmo Swap Day 21	Fut	Electronic	45.5	USD	FRPL				45.5	0.2	USD	FRPL
IPE	ICE Futures	Energy	FJV	Naphtha CIF NWE Cargoes vs Brent 1st Line Balmo Swap Day 22	Fut	Electronic	45.5	USD	FRPL				45.5	0.2	USD	FRPL
IPE	ICE Futures	Energy	FJW	Naphtha CIF NWE Cargoes vs Brent 1st Line Balmo Swap Day 23	Fut	Electronic	45.5	USD	FRPL				45.5	0.2	USD	FRPL
IPE	ICE Futures	Energy	FJX	Naphtha CIF NWE Cargoes vs Brent 1st Line Balmo Swap Day 24	Fut	Electronic	45.5	USD	FRPL				45.5	0.2	USD	FRPL

Exch Code	Exch Desc	Comm Group	Prod Code	Product Desc	F/O	Platform	Trd Fee	Trd Fee Cur	Trd Fee Meth	Clr Fee	Clr Fee Cur	Clr Fee Meth	Fee Total	Brk Fee	Brk Fee Cur	Brk Fee Meth
IPE	ICE Futures	Energy	FJY	Naphtha CIF NWE Cargoes vs Brent 1st Line Balmo Swap Day 25	Fut	Electronic	45.5	USD	FRPL				45.5	0.2	USD	FRPL
IPE	ICE Futures	Energy	FJZ	Naphtha CIF NWE Cargoes vs Brent 1st Line Balmo Swap Day 26	Fut	Electronic	45.5	USD	FRPL				45.5	0.2	USD	FRPL
IPE	ICE Futures	Energy	FKA	Naphtha CIF NWE Cargoes vs Brent 1st Line Balmo Swap Day 27	Fut	Electronic	45.5	USD	FRPL				45.5	0.2	USD	FRPL
IPE	ICE Futures	Energy	FKB	Naphtha CIF NWE Cargoes vs Brent 1st Line Balmo Swap Day 28	Fut	Electronic	45.5	USD	FRPL				45.5	0.2	USD	FRPL
IPE	ICE Futures	Energy	FKC	Naphtha CIF NWE Cargoes vs Brent 1st Line Balmo Swap Day 29	Fut	Electronic	45.5	USD	FRPL				45.5	0.2	USD	FRPL
IPE	ICE Futures	Energy	FKD	Naphtha CIF NWE Cargoes vs Brent 1st Line Balmo Swap Day 30	Fut	Electronic	45.5	USD	FRPL				45.5	0.2	USD	FRPL
IPE	ICE Futures	Energy	FKE	Naphtha CIF NWE Cargoes vs Brent 1st Line Balmo Swap Day 31	Fut	Electronic	45.5	USD	FRPL				45.5	0.2	USD	FRPL
IPE	ICE Futures	Energy	FLA	Gasoil 50ppm FOB Rotterdam Barges Balmo Swap Day 1	Fut	Electronic	38.25	USD	FRPL				38.25	0.2	USD	FRPL
IPE	ICE Futures	Energy	FLB	Gasoil 50ppm FOB Rotterdam Barges Balmo Swap Day 2	Fut	Electronic	38.25	USD	FRPL				38.25	0.2	USD	FRPL
IPE	ICE Futures	Energy	FLC	Gasoil 50ppm FOB Rotterdam Barges Balmo Swap Day 3	Fut	Electronic	38.25	USD	FRPL				38.25	0.2	USD	FRPL
IPE	ICE Futures	Energy	FLD	Gasoil 50ppm FOB Rotterdam Barges Balmo Swap Day 4	Fut	Electronic	38.25	USD	FRPL				38.25	0.2	USD	FRPL
IPE	ICE Futures	Energy	FLE	Gasoil 50ppm FOB Rotterdam Barges Balmo Swap Day 5	Fut	Electronic	38.25	USD	FRPL				38.25	0.2	USD	FRPL
IPE	ICE Futures	Energy	FLF	Gasoil 50ppm FOB Rotterdam Barges Balmo Swap Day 6	Fut	Electronic	38.25	USD	FRPL				38.25	0.2	USD	FRPL
IPE	ICE Futures	Energy	FLG	Gasoil 50ppm FOB Rotterdam Barges Balmo Swap Day 7	Fut	Electronic	38.25	USD	FRPL				38.25	0.2	USD	FRPL
IPE	ICE Futures	Energy	FLH	Gasoil 50ppm FOB Rotterdam Barges Balmo Swap Day 8	Fut	Electronic	38.25	USD	FRPL				38.25	0.2	USD	FRPL
IPE	ICE Futures	Energy	FLI	Gasoil 50ppm FOB Rotterdam Barges Balmo Swap Day 9	Fut	Electronic	38.25	USD	FRPL				38.25	0.2	USD	FRPL
IPE	ICE Futures	Energy	FLJ	Gasoil 50ppm FOB Rotterdam Barges Balmo Swap Day 10	Fut	Electronic	38.25	USD	FRPL				38.25	0.2	USD	FRPL
IPE	ICE Futures	Energy	FLK	Gasoil 50ppm FOB Rotterdam Barges Balmo Swap Day 11	Fut	Electronic	38.25	USD	FRPL				38.25	0.2	USD	FRPL
IPE	ICE Futures	Energy	FLL	Gasoil 50ppm FOB Rotterdam Barges Balmo Swap Day 12	Fut	Electronic	38.25	USD	FRPL				38.25	0.2	USD	FRPL
IPE	ICE Futures	Energy	FLM	Gasoil 50ppm FOB Rotterdam Barges Balmo Swap Day 13	Fut	Electronic	38.25	USD	FRPL				38.25	0.2	USD	FRPL
IPE	ICE Futures	Energy	FLN	Gasoil 50ppm FOB Rotterdam Barges Balmo Swap Day 14	Fut	Electronic	38.25	USD	FRPL				38.25	0.2	USD	FRPL
IPE	ICE Futures	Energy	FLO	Gasoil 50ppm FOB Rotterdam Barges Balmo Swap Day 15	Fut	Electronic	38.25	USD	FRPL				38.25	0.2	USD	FRPL
IPE	ICE Futures	Energy	FLP	Gasoil 50ppm FOB Rotterdam Barges Balmo Swap Day 16	Fut	Electronic	38.25	USD	FRPL				38.25	0.2	USD	FRPL
IPE	ICE Futures	Energy	FLQ	Gasoil 50ppm FOB Rotterdam Barges Balmo Swap Day 17	Fut	Electronic	38.25	USD	FRPL				38.25	0.2	USD	FRPL
IPE	ICE Futures	Energy	FLR	Gasoil 50ppm FOB Rotterdam Barges Balmo Swap Day 18	Fut	Electronic	38.25	USD	FRPL				38.25	0.2	USD	FRPL
IPE	ICE Futures	Energy	FLS	Gasoil 50ppm FOB Rotterdam Barges Balmo Swap Day 19	Fut	Electronic	38.25	USD	FRPL				38.25	0.2	USD	FRPL
IPE	ICE Futures	Energy	FLT	Gasoil 50ppm FOB Rotterdam Barges Balmo Swap Day 20	Fut	Electronic	38.25	USD	FRPL				38.25	0.2	USD	FRPL
IPE	ICE Futures	Energy	FLU	Gasoil 50ppm FOB Rotterdam Barges Balmo Swap Day 21	Fut	Electronic	38.25	USD	FRPL				38.25	0.2	USD	FRPL
IPE	ICE Futures	Energy	FLV	Gasoil 50ppm FOB Rotterdam Barges Balmo Swap Day 22	Fut	Electronic	38.25	USD	FRPL				38.25	0.2	USD	FRPL
IPE	ICE Futures	Energy	FLW	Gasoil 50ppm FOB Rotterdam Barges Balmo Swap Day 23	Fut	Electronic	38.25	USD	FRPL				38.25	0.2	USD	FRPL
IPE	ICE Futures	Energy	FLX	Gasoil 50ppm FOB Rotterdam Barges Balmo Swap Day 24	Fut	Electronic	38.25	USD	FRPL				38.25	0.2	USD	FRPL
IPE	ICE Futures	Energy	FLY	Gasoil 50ppm FOB Rotterdam Barges Balmo Swap Day 25	Fut	Electronic	38.25	USD	FRPL				38.25	0.2	USD	FRPL
IPE	ICE Futures	Energy	FLZ	Gasoil 50ppm FOB Rotterdam Barges Balmo Swap Day 26	Fut	Electronic	38.25	USD	FRPL				38.25	0.2	USD	FRPL
IPE	ICE Futures	Energy	FMA	Gasoil 50ppm FOB Rotterdam Barges Balmo Swap Day 27	Fut	Electronic	38.25	USD	FRPL				38.25	0.2	USD	FRPL
IPE	ICE Futures	Energy	FMB	Gasoil 50ppm FOB Rotterdam Barges Balmo Swap Day 28	Fut	Electronic	38.25	USD	FRPL				38.25	0.2	USD	FRPL
IPE	ICE Futures	Energy	FMC	Gasoil 50ppm FOB Rotterdam Barges Balmo Swap Day 29	Fut	Electronic	38.25	USD	FRPL				38.25	0.2	USD	FRPL
IPE	ICE Futures	Energy	FMD	Gasoil 50ppm FOB Rotterdam Barges Balmo Swap Day 30	Fut	Electronic	38.25	USD	FRPL				38.25	0.2	USD	FRPL
IPE	ICE Futures	Energy	FME	Gasoil 50ppm FOB Rotterdam Barges Balmo Swap Day 31	Fut	Electronic	38.25	USD	FRPL				38.25	0.2	USD	FRPL
IPE	ICE Futures	Energy	FOB	Fuel Oil 1% FOB Rotterdam Barges Swap	Fut	Electronic	32.75	USD	FRPL				32.75	0.2	USD	FRPL
IPE	ICE Futures	Energy	FOD	New York 1% Fuel Oil vs USGC 3% Fuel Oil Swap	Fut	Electronic	5.09	USD	FRPL				5.09	0.2	USD	FRPL
IPE	ICE Futures	Energy	FOH	New York 1% Fuel Oil vs 1% FOB NWE Cargoes Fuel Oil Swap	Fut	Electronic	5.09	USD	FRPL				5.09	0.2	USD	FRPL
IPE	ICE Futures	Energy	FOK	New York 1% Fuel Oil vs WTI 1st Line Swap	Fut	Electronic	5.09	USD	FRPL				5.09	0.2	USD	FRPL
IPE	ICE Futures	Energy	FOM	Fuel Oil 3.5% FOB Med Cargoes Swap	Fut	Electronic	32.75	USD	FRPL				32.75	0.2	USD	FRPL
IPE	ICE Futures	Energy	FOP	Fuel Oil 1% FOB Rotterdam Barges vs 1% FOB Med Cargoes Swap	Fut	Electronic	32.75	USD	FRPL				32.75	0.2	USD	FRPL
IPE	ICE Futures	Energy	FOS	Fuel Oil 1% FOB NWE Cargoes vs 3.5% FOB Rotterdam Barges Swap	Fut	Electronic	32.75	USD	FRPL				32.75	0.2	USD	FRPL
IPE	ICE Futures	Energy	FOW	New York 1% Fuel Oil Swap	Fut	Electronic	5.09	USD	FRPL				5.09	0.2	USD	FRPL
IPE	ICE Futures	Energy	FPA	USGC 3% Fuel Oil Balmo Swap Day 1	Fut	Electronic	5.09	USD	FRPL				5.09	0.2	USD	FRPL
IPE	ICE Futures	Energy	FPB	USGC 3% Fuel Oil Balmo Swap Day 2	Fut	Electronic	5.09	USD	FRPL				5.09	0.2	USD	FRPL
IPE	ICE Futures	Energy	FPC	USGC 3% Fuel Oil Balmo Swap Day 3	Fut	Electronic	5.09	USD	FRPL				5.09	0.2	USD	FRPL
IPE	ICE Futures	Energy	FPD	USGC 3% Fuel Oil Balmo Swap Day 4	Fut	Electronic	5.09	USD	FRPL				5.09	0.2	USD	FRPL

Exch Code	Exch Desc	Comm Group	Prod Code	Product Desc	F/O	Platform	Trd Fee	Trd Fee Cur	Trd Fee Meth	Clr Fee	Clr Fee Cur	Clr Fee Meth	Fee Total	Brk Fee	Brk Fee Cur	Brk Fee Meth
IPE	ICE Futures	Energy	FPE	USGC 3% Fuel Oil Balmo Swap Day 5	Fut	Electronic	5.09	USD	FRPL				5.09	0.2	USD	FRPL
IPE	ICE Futures	Energy	FPF	USGC 3% Fuel Oil Balmo Swap Day 6	Fut	Electronic	5.09	USD	FRPL				5.09	0.2	USD	FRPL
IPE	ICE Futures	Energy	FPG	USGC 3% Fuel Oil Balmo Swap Day 7	Fut	Electronic	5.09	USD	FRPL				5.09	0.2	USD	FRPL
IPE	ICE Futures	Energy	FPH	USGC 3% Fuel Oil Balmo Swap Day 8	Fut	Electronic	5.09	USD	FRPL				5.09	0.2	USD	FRPL
IPE	ICE Futures	Energy	FPI	USGC 3% Fuel Oil Balmo Swap Day 9	Fut	Electronic	5.09	USD	FRPL				5.09	0.2	USD	FRPL
IPE	ICE Futures	Energy	FPJ	USGC 3% Fuel Oil Balmo Swap Day 10	Fut	Electronic	5.09	USD	FRPL				5.09	0.2	USD	FRPL
IPE	ICE Futures	Energy	FPK	USGC 3% Fuel Oil Balmo Swap Day 11	Fut	Electronic	5.09	USD	FRPL				5.09	0.2	USD	FRPL
IPE	ICE Futures	Energy	FPL	USGC 3% Fuel Oil Balmo Swap Day 12	Fut	Electronic	5.09	USD	FRPL				5.09	0.2	USD	FRPL
IPE	ICE Futures	Energy	FPM	USGC 3% Fuel Oil Balmo Swap Day 13	Fut	Electronic	5.09	USD	FRPL				5.09	0.2	USD	FRPL
IPE	ICE Futures	Energy	FPN	USGC 3% Fuel Oil Balmo Swap Day 14	Fut	Electronic	5.09	USD	FRPL				5.09	0.2	USD	FRPL
IPE	ICE Futures	Energy	FPO	USGC 3% Fuel Oil Balmo Swap Day 15	Fut	Electronic	5.09	USD	FRPL				5.09	0.2	USD	FRPL
IPE	ICE Futures	Energy	FPP	USGC 3% Fuel Oil Balmo Swap Day 16	Fut	Electronic	5.09	USD	FRPL				5.09	0.2	USD	FRPL
IPE	ICE Futures	Energy	FPQ	USGC 3% Fuel Oil Balmo Swap Day 17	Fut	Electronic	5.09	USD	FRPL				5.09	0.2	USD	FRPL
IPE	ICE Futures	Energy	FPR	USGC 3% Fuel Oil Balmo Swap Day 18	Fut	Electronic	5.09	USD	FRPL				5.09	0.2	USD	FRPL
IPE	ICE Futures	Energy	FPS	USGC 3% Fuel Oil Balmo Swap Day 19	Fut	Electronic	5.09	USD	FRPL				5.09	0.2	USD	FRPL
IPE	ICE Futures	Energy	FPT	USGC 3% Fuel Oil Balmo Swap Day 20	Fut	Electronic	5.09	USD	FRPL				5.09	0.2	USD	FRPL
IPE	ICE Futures	Energy	FPU	USGC 3% Fuel Oil Balmo Swap Day 21	Fut	Electronic	5.09	USD	FRPL				5.09	0.2	USD	FRPL
IPE	ICE Futures	Energy	FPV	USGC 3% Fuel Oil Balmo Swap Day 22	Fut	Electronic	5.09	USD	FRPL				5.09	0.2	USD	FRPL
IPE	ICE Futures	Energy	FPW	USGC 3% Fuel Oil Balmo Swap Day 23	Fut	Electronic	5.09	USD	FRPL				5.09	0.2	USD	FRPL
IPE	ICE Futures	Energy	FPX	USGC 3% Fuel Oil Balmo Swap Day 24	Fut	Electronic	5.09	USD	FRPL				5.09	0.2	USD	FRPL
IPE	ICE Futures	Energy	FPY	USGC 3% Fuel Oil Balmo Swap Day 25	Fut	Electronic	5.09	USD	FRPL				5.09	0.2	USD	FRPL
IPE	ICE Futures	Energy	FPZ	USGC 3% Fuel Oil Balmo Swap Day 26	Fut	Electronic	5.09	USD	FRPL				5.09	0.2	USD	FRPL
IPE	ICE Futures	Energy	FQA	USGC 3% Fuel Oil Balmo Swap Day 27	Fut	Electronic	5.09	USD	FRPL				5.09	0.2	USD	FRPL
IPE	ICE Futures	Energy	FQB	USGC 3% Fuel Oil Balmo Swap Day 28	Fut	Electronic	5.09	USD	FRPL				5.09	0.2	USD	FRPL
IPE	ICE Futures	Energy	FQC	USGC 3% Fuel Oil Balmo Swap Day 29	Fut	Electronic	5.09	USD	FRPL				5.09	0.2	USD	FRPL
IPE	ICE Futures	Energy	FQD	USGC 3% Fuel Oil Balmo Swap Day 30	Fut	Electronic	5.09	USD	FRPL				5.09	0.2	USD	FRPL
IPE	ICE Futures	Energy	FQE	USGC 3% Fuel Oil Balmo Swap Day 31	Fut	Electronic	5.09	USD	FRPL				5.09	0.2	USD	FRPL
IPE	ICE Futures	Energy	FRA	New York 1% Fuel Oil Balmo Swap Day 1	Fut	Electronic	5.09	USD	FRPL				5.09	0.2	USD	FRPL
IPE	ICE Futures	Energy	FRB	New York 1% Fuel Oil Balmo Swap Day 2	Fut	Electronic	5.09	USD	FRPL				5.09	0.2	USD	FRPL
IPE	ICE Futures	Energy	FRC	New York 1% Fuel Oil Balmo Swap Day 3	Fut	Electronic	5.09	USD	FRPL				5.09	0.2	USD	FRPL
IPE	ICE Futures	Energy	FRD	New York 1% Fuel Oil Balmo Swap Day 4	Fut	Electronic	5.09	USD	FRPL				5.09	0.2	USD	FRPL
IPE	ICE Futures	Energy	FRE	New York 1% Fuel Oil Balmo Swap Day 5	Fut	Electronic	5.09	USD	FRPL				5.09	0.2	USD	FRPL
IPE	ICE Futures	Energy	FRF	New York 1% Fuel Oil Balmo Swap Day 6	Fut	Electronic	5.09	USD	FRPL				5.09	0.2	USD	FRPL
IPE	ICE Futures	Energy	FRG	New York 1% Fuel Oil Balmo Swap Day 7	Fut	Electronic	5.09	USD	FRPL				5.09	0.2	USD	FRPL
IPE	ICE Futures	Energy	FRH	New York 1% Fuel Oil Balmo Swap Day 8	Fut	Electronic	5.09	USD	FRPL				5.09	0.2	USD	FRPL
IPE	ICE Futures	Energy	FRI	New York 1% Fuel Oil Balmo Swap Day 9	Fut	Electronic	5.09	USD	FRPL				5.09	0.2	USD	FRPL
IPE	ICE Futures	Energy	FRJ	New York 1% Fuel Oil Balmo Swap Day 10	Fut	Electronic	5.09	USD	FRPL				5.09	0.2	USD	FRPL
IPE	ICE Futures	Energy	FRK	New York 1% Fuel Oil Balmo Swap Day 11	Fut	Electronic	5.09	USD	FRPL				5.09	0.2	USD	FRPL
IPE	ICE Futures	Energy	FRL	New York 1% Fuel Oil Balmo Swap Day 12	Fut	Electronic	5.09	USD	FRPL				5.09	0.2	USD	FRPL
IPE	ICE Futures	Energy	FRM	New York 1% Fuel Oil Balmo Swap Day 13	Fut	Electronic	5.09	USD	FRPL				5.09	0.2	USD	FRPL
IPE	ICE Futures	Energy	FRN	New York 1% Fuel Oil Balmo Swap Day 14	Fut	Electronic	5.09	USD	FRPL				5.09	0.2	USD	FRPL
IPE	ICE Futures	Energy	FRO	New York 1% Fuel Oil Balmo Swap Day 15	Fut	Electronic	5.09	USD	FRPL				5.09	0.2	USD	FRPL
IPE	ICE Futures	Energy	FRP	New York 1% Fuel Oil Balmo Swap Day 16	Fut	Electronic	5.09	USD	FRPL				5.09	0.2	USD	FRPL
IPE	ICE Futures	Energy	FRQ	New York 1% Fuel Oil Balmo Swap Day 17	Fut	Electronic	5.09	USD	FRPL				5.09	0.2	USD	FRPL
IPE	ICE Futures	Energy	FRR	New York 1% Fuel Oil Balmo Swap Day 18	Fut	Electronic	5.09	USD	FRPL				5.09	0.2	USD	FRPL
IPE	ICE Futures	Energy	FRS	New York 1% Fuel Oil Balmo Swap Day 19	Fut	Electronic	5.09	USD	FRPL				5.09	0.2	USD	FRPL
IPE	ICE Futures	Energy	FRT	New York 1% Fuel Oil Balmo Swap Day 20	Fut	Electronic	5.09	USD	FRPL				5.09	0.2	USD	FRPL
IPE	ICE Futures	Energy	FRU	New York 1% Fuel Oil Balmo Swap Day 21	Fut	Electronic	5.09	USD	FRPL				5.09	0.2	USD	FRPL
IPE	ICE Futures	Energy	FRV	New York 1% Fuel Oil Balmo Swap Day 22	Fut	Electronic	5.09	USD	FRPL				5.09	0.2	USD	FRPL
IPE	ICE Futures	Energy	FRW	New York 1% Fuel Oil Balmo Swap Day 23	Fut	Electronic	5.09	USD	FRPL				5.09	0.2	USD	FRPL
IPE	ICE Futures	Energy	FRX	New York 1% Fuel Oil Balmo Swap Day 24	Fut	Electronic	5.09	USD	FRPL				5.09	0.2	USD	FRPL
IPE	ICE Futures	Energy	FRY	New York 1% Fuel Oil Balmo Swap Day 25	Fut	Electronic	5.09	USD	FRPL				5.09	0.2	USD	FRPL
IPE	ICE Futures	Energy	FRZ	New York 1% Fuel Oil Balmo Swap Day 26	Fut	Electronic	5.09	USD	FRPL				5.09	0.2	USD	FRPL
IPE	ICE Futures	Energy	FSA	New York 1% Fuel Oil Balmo Swap Day 27	Fut	Electronic	5.09	USD	FRPL				5.09	0.2	USD	FRPL
IPE	ICE Futures	Energy	FSB	New York 1% Fuel Oil Balmo Swap Day 28	Fut	Electronic	5.09	USD	FRPL				5.09	0.2	USD	FRPL
IPE	ICE Futures	Energy	FSC	New York 1% Fuel Oil Balmo Swap Day 29	Fut	Electronic	5.09	USD	FRPL				5.09	0.2	USD	FRPL
IPE	ICE Futures	Energy	FSD	New York 1% Fuel Oil Balmo Swap Day 30	Fut	Electronic	5.09	USD	FRPL				5.09	0.2	USD	FRPL
IPE	ICE Futures	Energy	FSE	New York 1% Fuel Oil Balmo Swap Day 31	Fut	Electronic	5.09	USD	FRPL				5.09	0.2	USD	FRPL
IPE	ICE Futures	Energy	FVA	Fuel Oil 1% FOB NWE Cargoes vs Brent 1st Line Swap	Fut	Electronic	5.09	USD	FRPL				5.09	0.2	USD	FRPL

Exch Code	Exch Desc	Comm Group	Prod Code	Product Desc	F/O	Platform	Trd Fee	Trd Fee Cur	Trd Fee Meth	Clr Fee	Clr Fee Cur	Clr Fee Meth	Fee Total	Brk Fee	Brk Fee Cur	Brk Fee Meth
IPE	ICE Futures	Energy	FVB	Fuel Oil 1% FOB NWE Cargoes vs Brent 1st Line Swap	Fut	Electronic	32.75	USD	FRPL				32.75	0.2	USD	FRPL
IPE	ICE Futures	Energy	FYA	ULSD 10ppm CIF NWE Cargoes Balmo Swap Day 1	Fut	Electronic	38.25	USD	FRPL				38.25	0.2	USD	FRPL
IPE	ICE Futures	Energy	FYB	ULSD 10ppm CIF NWE Cargoes Balmo Swap Day 2	Fut	Electronic	38.25	USD	FRPL				38.25	0.2	USD	FRPL
IPE	ICE Futures	Energy	FYC	ULSD 10ppm CIF NWE Cargoes Balmo Swap Day 3	Fut	Electronic	38.25	USD	FRPL				38.25	0.2	USD	FRPL
IPE	ICE Futures	Energy	FYD	ULSD 10ppm CIF NWE Cargoes Balmo Swap Day 4	Fut	Electronic	38.25	USD	FRPL				38.25	0.2	USD	FRPL
IPE	ICE Futures	Energy	FYE	ULSD 10ppm CIF NWE Cargoes Balmo Swap Day 5	Fut	Electronic	38.25	USD	FRPL				38.25	0.2	USD	FRPL
IPE	ICE Futures	Energy	FYF	ULSD 10ppm CIF NWE Cargoes Balmo Swap Day 6	Fut	Electronic	38.25	USD	FRPL				38.25	0.2	USD	FRPL
IPE	ICE Futures	Energy	FYG	ULSD 10ppm CIF NWE Cargoes Balmo Swap Day 7	Fut	Electronic	38.25	USD	FRPL				38.25	0.2	USD	FRPL
IPE	ICE Futures	Energy	FYH	ULSD 10ppm CIF NWE Cargoes Balmo Swap Day 8	Fut	Electronic	38.25	USD	FRPL				38.25	0.2	USD	FRPL
IPE	ICE Futures	Energy	FYI	ULSD 10ppm CIF NWE Cargoes Balmo Swap Day 9	Fut	Electronic	38.25	USD	FRPL				38.25	0.2	USD	FRPL
IPE	ICE Futures	Energy	FYJ	ULSD 10ppm CIF NWE Cargoes Balmo Swap Day 10	Fut	Electronic	38.25	USD	FRPL				38.25	0.2	USD	FRPL
IPE	ICE Futures	Energy	FYK	ULSD 10ppm CIF NWE Cargoes Balmo Swap Day 11	Fut	Electronic	38.25	USD	FRPL				38.25	0.2	USD	FRPL
IPE	ICE Futures	Energy	FYL	ULSD 10ppm CIF NWE Cargoes Balmo Swap Day 12	Fut	Electronic	38.25	USD	FRPL				38.25	0.2	USD	FRPL
IPE	ICE Futures	Energy	FYM	ULSD 10ppm CIF NWE Cargoes Balmo Swap Day 13	Fut	Electronic	38.25	USD	FRPL				38.25	0.2	USD	FRPL
IPE	ICE Futures	Energy	FYN	ULSD 10ppm CIF NWE Cargoes Balmo Swap Day 14	Fut	Electronic	38.25	USD	FRPL				38.25	0.2	USD	FRPL
IPE	ICE Futures	Energy	FYO	ULSD 10ppm CIF NWE Cargoes Balmo Swap Day 15	Fut	Electronic	38.25	USD	FRPL				38.25	0.2	USD	FRPL
IPE	ICE Futures	Energy	FYP	ULSD 10ppm CIF NWE Cargoes Balmo Swap Day 16	Fut	Electronic	38.25	USD	FRPL				38.25	0.2	USD	FRPL
IPE	ICE Futures	Energy	FYQ	ULSD 10ppm CIF NWE Cargoes Balmo Swap Day 17	Fut	Electronic	38.25	USD	FRPL				38.25	0.2	USD	FRPL
IPE	ICE Futures	Energy	FYR	ULSD 10ppm CIF NWE Cargoes Balmo Swap Day 18	Fut	Electronic	38.25	USD	FRPL				38.25	0.2	USD	FRPL
IPE	ICE Futures	Energy	FYS	ULSD 10ppm CIF NWE Cargoes Balmo Swap Day 19	Fut	Electronic	38.25	USD	FRPL				38.25	0.2	USD	FRPL
IPE	ICE Futures	Energy	FYT	ULSD 10ppm CIF NWE Cargoes Balmo Swap Day 20	Fut	Electronic	38.25	USD	FRPL				38.25	0.2	USD	FRPL
IPE	ICE Futures	Energy	FYU	ULSD 10ppm CIF NWE Cargoes Balmo Swap Day 21	Fut	Electronic	38.25	USD	FRPL				38.25	0.2	USD	FRPL
IPE	ICE Futures	Energy	FYV	ULSD 10ppm CIF NWE Cargoes Balmo Swap Day 22	Fut	Electronic	38.25	USD	FRPL				38.25	0.2	USD	FRPL
IPE	ICE Futures	Energy	FYW	ULSD 10ppm CIF NWE Cargoes Balmo Swap Day 23	Fut	Electronic	38.25	USD	FRPL				38.25	0.2	USD	FRPL
IPE	ICE Futures	Energy	FYX	ULSD 10ppm CIF NWE Cargoes Balmo Swap Day 24	Fut	Electronic	38.25	USD	FRPL				38.25	0.2	USD	FRPL
IPE	ICE Futures	Energy	FYY	ULSD 10ppm CIF NWE Cargoes Balmo Swap Day 25	Fut	Electronic	38.25	USD	FRPL				38.25	0.2	USD	FRPL
IPE	ICE Futures	Energy	FYZ	ULSD 10ppm CIF NWE Cargoes Balmo Swap Day 26	Fut	Electronic	38.25	USD	FRPL				38.25	0.2	USD	FRPL
IPE	ICE Futures	Energy	FZA	ULSD 10ppm CIF NWE Cargoes Balmo Swap Day 27	Fut	Electronic	38.25	USD	FRPL				38.25	0.2	USD	FRPL
IPE	ICE Futures	Energy	FZB	ULSD 10ppm CIF NWE Cargoes Balmo Swap Day 28	Fut	Electronic	38.25	USD	FRPL				38.25	0.2	USD	FRPL
IPE	ICE Futures	Energy	FZC	ULSD 10ppm CIF NWE Cargoes Balmo Swap Day 29	Fut	Electronic	38.25	USD	FRPL				38.25	0.2	USD	FRPL
IPE	ICE Futures	Energy	FZD	ULSD 10ppm CIF NWE Cargoes Balmo Swap Day 30	Fut	Electronic	38.25	USD	FRPL				38.25	0.2	USD	FRPL
IPE	ICE Futures	Energy	FZE	ULSD 10ppm CIF NWE Cargoes Balmo Swap Day 31	Fut	Electronic	38.25	USD	FRPL				38.25	0.2	USD	FRPL
IPE	ICE Futures	Energy	G	Gasoil Monthly	Fut	Electronic	0.82	USD	FRPL				0.82	0.2	USD	FRPL
IPE	ICE Futures	Energy	G	Gasoil	Opt	Electronic	0.82	USD	FRPL				0.82	0.15	EUR	FRPL
IPE	ICE Futures	Energy	GBA	Gasoil 0.1% CIF Med Cargoes vs Gasoil 1st Line Balmo Swap Day 1	Fut	Electronic	38.25	USD	FRPL				38.25	0.2	USD	FRPL
IPE	ICE Futures	Energy	GBB	Gasoil 0.1% CIF Med Cargoes vs Gasoil 1st Line Balmo Swap Day 2	Fut	Electronic	38.25	USD	FRPL				38.25	0.2	USD	FRPL
IPE	ICE Futures	Energy	GBC	Gasoil 0.1% CIF Med Cargoes vs Gasoil 1st Line Balmo Swap Day 3	Fut	Electronic	38.25	USD	FRPL				38.25	0.2	USD	FRPL
IPE	ICE Futures	Energy	GBD	Gasoil 0.1% CIF Med Cargoes vs Gasoil 1st Line Balmo Swap Day 4	Fut	Electronic	38.25	USD	FRPL				38.25	0.2	USD	FRPL
IPE	ICE Futures	Energy	GBE	Gasoil 0.1% CIF Med Cargoes vs Gasoil 1st Line Balmo Swap Day 5	Fut	Electronic	38.25	USD	FRPL				38.25	0.2	USD	FRPL
IPE	ICE Futures	Energy	GBF	Gasoil 0.1% CIF Med Cargoes vs Gasoil 1st Line Balmo Swap Day 6	Fut	Electronic	38.25	USD	FRPL				38.25	0.2	USD	FRPL
IPE	ICE Futures	Energy	GBG	Gasoil 0.1% CIF Med Cargoes vs Gasoil 1st Line Balmo Swap Day 7	Fut	Electronic	38.25	USD	FRPL				38.25	0.2	USD	FRPL
IPE	ICE Futures	Energy	GBH	Gasoil 0.1% CIF Med Cargoes vs Gasoil 1st Line Balmo Swap Day 8	Fut	Electronic	38.25	USD	FRPL				38.25	0.2	USD	FRPL
IPE	ICE Futures	Energy	GBI	Gasoil 0.1% CIF Med Cargoes vs Gasoil 1st Line Balmo Swap Day 9	Fut	Electronic	38.25	USD	FRPL				38.25	0.2	USD	FRPL
IPE	ICE Futures	Energy	GBJ	Gasoil 0.1% CIF Med Cargoes vs Gasoil 1st Line Balmo Swap Day 10	Fut	Electronic	38.25	USD	FRPL				38.25	0.2	USD	FRPL
IPE	ICE Futures	Energy	GBK	Gasoil 0.1% CIF Med Cargoes vs Gasoil 1st Line Balmo Swap Day 11	Fut	Electronic	38.25	USD	FRPL				38.25	0.2	USD	FRPL
IPE	ICE Futures	Energy	GBL	Gasoil 0.1% CIF Med Cargoes vs Gasoil 1st Line Balmo Swap Day 12	Fut	Electronic	38.25	USD	FRPL				38.25	0.2	USD	FRPL

Exch Code	Exch Desc	Comm Group	Prod Code	Product Desc	F/O	Platform	Trd Fee	Trd Fee Cur	Trd Fee Meth	Clr Fee	Clr Fee Cur	Clr Fee Meth	Fee Total	Brk Fee	Brk Fee Cur	Brk Fee Meth
IPE	ICE Futures	Energy	GBM	Gasoil 0.1% CIF Med Cargoes vs Gasoil 1st Line Balmo Swap Day 13	Fut	Electronic	38.25	USD	FRPL				38.25	0.2	USD	FRPL
IPE	ICE Futures	Energy	GBN	Gasoil 0.1% CIF Med Cargoes vs Gasoil 1st Line Balmo Swap Day 14	Fut	Electronic	38.25	USD	FRPL				38.25	0.2	USD	FRPL
IPE	ICE Futures	Energy	GBO	Gasoil 0.1% CIF Med Cargoes vs Gasoil 1st Line Balmo Swap Day 15	Fut	Electronic	38.25	USD	FRPL				38.25	0.2	USD	FRPL
IPE	ICE Futures	Energy	GBP	Gasoil 0.1% CIF Med Cargoes vs Gasoil 1st Line Balmo Swap Day 16	Fut	Electronic	38.25	USD	FRPL				38.25	0.2	USD	FRPL
IPE	ICE Futures	Energy	GBQ	Gasoil 0.1% CIF Med Cargoes vs Gasoil 1st Line Balmo Swap Day 17	Fut	Electronic	38.25	USD	FRPL				38.25	0.2	USD	FRPL
IPE	ICE Futures	Energy	GBR	Gasoil 0.1% CIF Med Cargoes vs Gasoil 1st Line Balmo Swap Day 18	Fut	Electronic	38.25	USD	FRPL				38.25	0.2	USD	FRPL
IPE	ICE Futures	Energy	GBS	Gasoil 0.1% CIF Med Cargoes vs Gasoil 1st Line Balmo Swap Day 19	Fut	Electronic	38.25	USD	FRPL				38.25	0.2	USD	FRPL
IPE	ICE Futures	Energy	GBT	Gasoil 0.1% CIF Med Cargoes vs Gasoil 1st Line Balmo Swap Day 20	Fut	Electronic	38.25	USD	FRPL				38.25	0.2	USD	FRPL
IPE	ICE Futures	Energy	GBU	Gasoil 0.1% CIF Med Cargoes vs Gasoil 1st Line Balmo Swap Day 21	Fut	Electronic	38.25	USD	FRPL				38.25	0.2	USD	FRPL
IPE	ICE Futures	Energy	GBV	Gasoil 0.1% CIF Med Cargoes vs Gasoil 1st Line Balmo Swap Day 22	Fut	Electronic	38.25	USD	FRPL				38.25	0.2	USD	FRPL
IPE	ICE Futures	Energy	GBW	Gasoil 0.1% CIF Med Cargoes vs Gasoil 1st Line Balmo Swap Day 23	Fut	Electronic	38.25	USD	FRPL				38.25	0.2	USD	FRPL
IPE	ICE Futures	Energy	GBX	Gasoil 0.1% CIF Med Cargoes vs Gasoil 1st Line Balmo Swap Day 24	Fut	Electronic	38.25	USD	FRPL				38.25	0.2	USD	FRPL
IPE	ICE Futures	Energy	GBY	Gasoil 0.1% CIF Med Cargoes vs Gasoil 1st Line Balmo Swap Day 25	Fut	Electronic	38.25	USD	FRPL				38.25	0.2	USD	FRPL
IPE	ICE Futures	Energy	GBZ	Gasoil 0.1% CIF Med Cargoes vs Gasoil 1st Line Balmo Swap Day 26	Fut	Electronic	38.25	USD	FRPL				38.25	0.2	USD	FRPL
IPE	ICE Futures	Energy	GCA	Gasoil 0.1% CIF Med Cargoes vs Gasoil 1st Line Balmo Swap Day 27	Fut	Electronic	38.25	USD	FRPL				38.25	0.2	USD	FRPL
IPE	ICE Futures	Energy	GCB	Gasoil 0.1% CIF Med Cargoes vs Gasoil 1st Line Balmo Swap Day 28	Fut	Electronic	38.25	USD	FRPL				38.25	0.2	USD	FRPL
IPE	ICE Futures	Energy	GCC	Gasoil 0.1% CIF Med Cargoes vs Gasoil 1st Line Balmo Swap Day 29	Fut	Electronic	38.25	USD	FRPL				38.25	0.2	USD	FRPL
IPE	ICE Futures	Energy	GCD	Gasoil 0.1% CIF Med Cargoes vs Gasoil 1st Line Balmo Swap Day 30	Fut	Electronic	38.25	USD	FRPL				38.25	0.2	USD	FRPL
IPE	ICE Futures	Energy	GCE	Gasoil 0.1% CIF Med Cargoes vs Gasoil 1st Line Balmo Swap Day 31	Fut	Electronic	38.25	USD	FRPL				38.25	0.2	USD	FRPL
IPE	ICE Futures	Energy	GCM	Gasoil 0.1% CIF Med Cargoes Swap	Fut	Electronic	38.25	USD	FRPL				38.25	0.2	USD	FRPL
IPE	ICE Futures	Energy	GCS	USGC 3% Fuel Oil vs Brent 1st Line Swap	Fut	Electronic	5.09	USD	FRPL				5.09	0.2	USD	FRPL
IPE	ICE Futures	Energy	GCW	Gasoil 0.1% CIF NWE Cargoes Swap	Fut	Electronic	38.25	USD	FRPL				38.25	0.2	USD	FRPL
IPE	ICE Futures	Energy	GDC	Gasoil 1st Line vs Brent 1st Line Swap	Fut	Electronic	5.09	USD	FRPL				5.09	0.2	USD	FRPL
IPE	ICE Futures	Energy	GEB	Gasoil 0.1% CIF NWE Cargoes vs Brent 1st Line Swap	Fut	Electronic	38.25	USD	FRPL				38.25	0.2	USD	FRPL
IPE	ICE Futures	Energy	GFA	Gasoil 0.1% CIF NWE Cargoes Balmo Swap Day 1	Fut	Electronic	38.25	USD	FRPL				38.25	0.2	USD	FRPL
IPE	ICE Futures	Energy	GFB	Gasoil 0.1% CIF NWE Cargoes Balmo Swap Day 2	Fut	Electronic	38.25	USD	FRPL				38.25	0.2	USD	FRPL
IPE	ICE Futures	Energy	GFC	Gasoil 0.1% CIF NWE Cargoes Balmo Swap Day 3	Fut	Electronic	38.25	USD	FRPL				38.25	0.2	USD	FRPL
IPE	ICE Futures	Energy	GFD	Gasoil 0.1% CIF NWE Cargoes Balmo Swap Day 4	Fut	Electronic	38.25	USD	FRPL				38.25	0.2	USD	FRPL
IPE	ICE Futures	Energy	GFE	Gasoil 0.1% CIF NWE Cargoes Balmo Swap Day 5	Fut	Electronic	38.25	USD	FRPL				38.25	0.2	USD	FRPL
IPE	ICE Futures	Energy	GFF	Gasoil 0.1% CIF NWE Cargoes Balmo Swap Day 6	Fut	Electronic	38.25	USD	FRPL				38.25	0.2	USD	FRPL
IPE	ICE Futures	Energy	GFG	Gasoil 0.1% CIF NWE Cargoes Balmo Swap Day 7	Fut	Electronic	38.25	USD	FRPL				38.25	0.2	USD	FRPL
IPE	ICE Futures	Energy	GFH	Gasoil 0.1% CIF NWE Cargoes Balmo Swap Day 8	Fut	Electronic	38.25	USD	FRPL				38.25	0.2	USD	FRPL
IPE	ICE Futures	Energy	GFI	Gasoil 0.1% CIF NWE Cargoes Balmo Swap Day 9	Fut	Electronic	38.25	USD	FRPL				38.25	0.2	USD	FRPL
IPE	ICE Futures	Energy	GFJ	Gasoil 0.1% CIF NWE Cargoes Balmo Swap Day 10	Fut	Electronic	38.25	USD	FRPL				38.25	0.2	USD	FRPL
IPE	ICE Futures	Energy	GFK	Gasoil 0.1% CIF NWE Cargoes Balmo Swap Day 11	Fut	Electronic	38.25	USD	FRPL				38.25	0.2	USD	FRPL
IPE	ICE Futures	Energy	GFL	Gasoil 0.1% CIF NWE Cargoes Balmo Swap Day 12	Fut	Electronic	38.25	USD	FRPL				38.25	0.2	USD	FRPL
IPE	ICE Futures	Energy	GFM	Gasoil 0.1% CIF NWE Cargoes Balmo Swap Day 13	Fut	Electronic	38.25	USD	FRPL				38.25	0.2	USD	FRPL
IPE	ICE Futures	Energy	GFN	Gasoil 0.1% CIF NWE Cargoes Balmo Swap Day 14	Fut	Electronic	38.25	USD	FRPL				38.25	0.2	USD	FRPL
IPE	ICE Futures	Energy	GFO	Gasoil 0.1% CIF NWE Cargoes Balmo Swap Day 15	Fut	Electronic	38.25	USD	FRPL				38.25	0.2	USD	FRPL
IPE	ICE Futures	Energy	GFP	Gasoil 0.1% CIF NWE Cargoes Balmo Swap Day 16	Fut	Electronic	38.25	USD	FRPL				38.25	0.2	USD	FRPL

Exch Code	Exch Desc	Comm Group	Prod Code	Product Desc	F/O	Platform	Trd Fee	Trd Fee Cur	Trd Fee Meth	Clr Fee	Clr Fee Cur	Clr Fee Meth	Fee Total	Brk Fee	Brk Fee Cur	Brk Fee Meth
IPE	ICE Futures	Energy	GFQ	Gasoil 0.1% CIF NWE Cargoes Balmo Swap Day 17	Fut	Electronic	38.25	USD	FRPL				38.25	0.2	USD	FRPL
IPE	ICE Futures	Energy	GFR	Gasoil 0.1% CIF NWE Cargoes Balmo Swap Day 18	Fut	Electronic	38.25	USD	FRPL				38.25	0.2	USD	FRPL
IPE	ICE Futures	Energy	GFS	Gasoil 0.1% CIF NWE Cargoes Balmo Swap Day 19	Fut	Electronic	38.25	USD	FRPL				38.25	0.2	USD	FRPL
IPE	ICE Futures	Energy	GFT	Gasoil 0.1% CIF NWE Cargoes Balmo Swap Day 20	Fut	Electronic	38.25	USD	FRPL				38.25	0.2	USD	FRPL
IPE	ICE Futures	Energy	GFU	Gasoil 0.1% CIF NWE Cargoes Balmo Swap Day 21	Fut	Electronic	38.25	USD	FRPL				38.25	0.2	USD	FRPL
IPE	ICE Futures	Energy	GFV	Gasoil 0.1% CIF NWE Cargoes Balmo Swap Day 22	Fut	Electronic	38.25	USD	FRPL				38.25	0.2	USD	FRPL
IPE	ICE Futures	Energy	GFW	Gasoil 0.1% CIF NWE Cargoes Balmo Swap Day 23	Fut	Electronic	38.25	USD	FRPL				38.25	0.2	USD	FRPL
IPE	ICE Futures	Energy	GFX	Gasoil 0.1% CIF NWE Cargoes Balmo Swap Day 24	Fut	Electronic	38.25	USD	FRPL				38.25	0.2	USD	FRPL
IPE	ICE Futures	Energy	GFY	Gasoil 0.1% CIF NWE Cargoes Balmo Swap Day 25	Fut	Electronic	38.25	USD	FRPL				38.25	0.2	USD	FRPL
IPE	ICE Futures	Energy	GFZ	Gasoil 0.1% CIF NWE Cargoes Balmo Swap Day 26	Fut	Electronic	38.25	USD	FRPL				38.25	0.2	USD	FRPL
IPE	ICE Futures	Energy	GGA	Gasoil 0.1% CIF NWE Cargoes Balmo Swap Day 27	Fut	Electronic	38.25	USD	FRPL				38.25	0.2	USD	FRPL
IPE	ICE Futures	Energy	GGB	Gasoil 0.1% CIF NWE Cargoes Balmo Swap Day 28	Fut	Electronic	38.25	USD	FRPL				38.25	0.2	USD	FRPL
IPE	ICE Futures	Energy	GGC	Gasoil 0.1% CIF NWE Cargoes Balmo Swap Day 29	Fut	Electronic	38.25	USD	FRPL				38.25	0.2	USD	FRPL
IPE	ICE Futures	Energy	GGD	Gasoil 0.1% CIF NWE Cargoes Balmo Swap Day 30	Fut	Electronic	38.25	USD	FRPL				38.25	0.2	USD	FRPL
IPE	ICE Futures	Energy	GGE	Gasoil 0.1% CIF NWE Cargoes Balmo Swap Day 31	Fut	Electronic	38.25	USD	FRPL				38.25	0.2	USD	FRPL
IPE	ICE Futures	Energy	GGF	New York 1% Fuel Oil vs 1% FOB NWE Cargoes Fuel Oil Balmo Swap Day 1	Fut	Electronic	5.09	USD	FRPL				5.09	0.2	USD	FRPL
IPE	ICE Futures	Energy	GGG	New York 1% Fuel Oil vs 1% FOB NWE Cargoes Fuel Oil Balmo Swap Day 2	Fut	Electronic	5.09	USD	FRPL				5.09	0.2	USD	FRPL
IPE	ICE Futures	Energy	GGH	New York 1% Fuel Oil vs 1% FOB NWE Cargoes Fuel Oil Balmo Swap Day 3	Fut	Electronic	5.09	USD	FRPL				5.09	0.2	USD	FRPL
IPE	ICE Futures	Energy	GGI	New York 1% Fuel Oil vs 1% FOB NWE Cargoes Fuel Oil Balmo Swap Day 4	Fut	Electronic	5.09	USD	FRPL				5.09	0.2	USD	FRPL
IPE	ICE Futures	Energy	GGJ	New York 1% Fuel Oil vs 1% FOB NWE Cargoes Fuel Oil Balmo Swap Day 5	Fut	Electronic	5.09	USD	FRPL				5.09	0.2	USD	FRPL
IPE	ICE Futures	Energy	GGK	New York 1% Fuel Oil vs 1% FOB NWE Cargoes Fuel Oil Balmo Swap Day 6	Fut	Electronic	5.09	USD	FRPL				5.09	0.2	USD	FRPL
IPE	ICE Futures	Energy	GGL	New York 1% Fuel Oil vs 1% FOB NWE Cargoes Fuel Oil Balmo Swap Day 7	Fut	Electronic	5.09	USD	FRPL				5.09	0.2	USD	FRPL
IPE	ICE Futures	Energy	GGM	New York 1% Fuel Oil vs 1% FOB NWE Cargoes Fuel Oil Balmo Swap Day 8	Fut	Electronic	5.09	USD	FRPL				5.09	0.2	USD	FRPL
IPE	ICE Futures	Energy	GGN	New York 1% Fuel Oil vs 1% FOB NWE Cargoes Fuel Oil Balmo Swap Day 9	Fut	Electronic	5.09	USD	FRPL				5.09	0.2	USD	FRPL
IPE	ICE Futures	Energy	GGO	New York 1% Fuel Oil vs 1% FOB NWE Cargoes Fuel Oil Balmo Swap Day 10	Fut	Electronic	5.09	USD	FRPL				5.09	0.2	USD	FRPL
IPE	ICE Futures	Energy	GGP	New York 1% Fuel Oil vs 1% FOB NWE Cargoes Fuel Oil Balmo Swap Day 11	Fut	Electronic	5.09	USD	FRPL				5.09	0.2	USD	FRPL
IPE	ICE Futures	Energy	GGQ	New York 1% Fuel Oil vs 1% FOB NWE Cargoes Fuel Oil Balmo Swap Day 12	Fut	Electronic	5.09	USD	FRPL				5.09	0.2	USD	FRPL
IPE	ICE Futures	Energy	GGR	New York 1% Fuel Oil vs 1% FOB NWE Cargoes Fuel Oil Balmo Swap Day 13	Fut	Electronic	5.09	USD	FRPL				5.09	0.2	USD	FRPL
IPE	ICE Futures	Energy	GGS	New York 1% Fuel Oil vs 1% FOB NWE Cargoes Fuel Oil Balmo Swap Day 14	Fut	Electronic	5.09	USD	FRPL				5.09	0.2	USD	FRPL
IPE	ICE Futures	Energy	GGT	New York 1% Fuel Oil vs 1% FOB NWE Cargoes Fuel Oil Balmo Swap Day 15	Fut	Electronic	5.09	USD	FRPL				5.09	0.2	USD	FRPL
IPE	ICE Futures	Energy	GGU	New York 1% Fuel Oil vs 1% FOB NWE Cargoes Fuel Oil Balmo Swap Day 16	Fut	Electronic	5.09	USD	FRPL				5.09	0.2	USD	FRPL
IPE	ICE Futures	Energy	GGV	New York 1% Fuel Oil vs 1% FOB NWE Cargoes Fuel Oil Balmo Swap Day 17	Fut	Electronic	5.09	USD	FRPL				5.09	0.2	USD	FRPL
IPE	ICE Futures	Energy	GGW	New York 1% Fuel Oil vs 1% FOB NWE Cargoes Fuel Oil Balmo Swap Day 18	Fut	Electronic	5.09	USD	FRPL				5.09	0.2	USD	FRPL
IPE	ICE Futures	Energy	GGX	New York 1% Fuel Oil vs 1% FOB NWE Cargoes Fuel Oil Balmo Swap Day 19	Fut	Electronic	5.09	USD	FRPL				5.09	0.2	USD	FRPL
IPE	ICE Futures	Energy	GGY	New York 1% Fuel Oil vs 1% FOB NWE Cargoes Fuel Oil Balmo Swap Day 20	Fut	Electronic	5.09	USD	FRPL				5.09	0.2	USD	FRPL
IPE	ICE Futures	Energy	GGZ	New York 1% Fuel Oil vs 1% FOB NWE Cargoes Fuel Oil Balmo Swap Day 21	Fut	Electronic	5.09	USD	FRPL				5.09	0.2	USD	FRPL
IPE	ICE Futures	Energy	GHA	New York 1% Fuel Oil vs 1% FOB NWE Cargoes Fuel Oil Balmo Swap Day 22	Fut	Electronic	5.09	USD	FRPL				5.09	0.2	USD	FRPL

Exch Code	Exch Desc	Comm Group	Prod Code	Product Desc	F/O	Platform	Trd Fee	Trd Fee Cur	Trd Fee Meth	Clr Fee	Clr Fee Cur	Clr Fee Meth	Fee Total	Brk Fee	Brk Fee Cur	Brk Fee Meth
IPE	ICE Futures	Energy	GHB	New York 1% Fuel Oil vs 1% FOB NWE Cargoes Fuel Oil Balmo Swap Day 23	Fut	Electronic	5.09	USD	FRPL				5.09	0.2	USD	FRPL
IPE	ICE Futures	Energy	GHC	New York 1% Fuel Oil vs 1% FOB NWE Cargoes Fuel Oil Balmo Swap Day 24	Fut	Electronic	5.09	USD	FRPL				5.09	0.2	USD	FRPL
IPE	ICE Futures	Energy	GHD	New York 1% Fuel Oil vs 1% FOB NWE Cargoes Fuel Oil Balmo Swap Day 25	Fut	Electronic	5.09	USD	FRPL				5.09	0.2	USD	FRPL
IPE	ICE Futures	Energy	GHE	New York 1% Fuel Oil vs 1% FOB NWE Cargoes Fuel Oil Balmo Swap Day 26	Fut	Electronic	5.09	USD	FRPL				5.09	0.2	USD	FRPL
IPE	ICE Futures	Energy	GHF	New York 1% Fuel Oil vs 1% FOB NWE Cargoes Fuel Oil Balmo Swap Day 27	Fut	Electronic	5.09	USD	FRPL				5.09	0.2	USD	FRPL
IPE	ICE Futures	Energy	GHG	New York 1% Fuel Oil vs 1% FOB NWE Cargoes Fuel Oil Balmo Swap Day 28	Fut	Electronic	5.09	USD	FRPL				5.09	0.2	USD	FRPL
IPE	ICE Futures	Energy	GHH	New York 1% Fuel Oil vs 1% FOB NWE Cargoes Fuel Oil Balmo Swap Day 29	Fut	Electronic	5.09	USD	FRPL				5.09	0.2	USD	FRPL
IPE	ICE Futures	Energy	GHI	New York 1% Fuel Oil vs 1% FOB NWE Cargoes Fuel Oil Balmo Swap Day 30	Fut	Electronic	5.09	USD	FRPL				5.09	0.2	USD	FRPL
IPE	ICE Futures	Energy	GHJ	New York 1% Fuel Oil vs 1% FOB NWE Cargoes Fuel Oil Balmo Swap Day 31	Fut	Electronic	5.09	USD	FRPL				5.09	0.2	USD	FRPL
IPE	ICE Futures	Energy	GHK	New York 1% Fuel Oil vs USGC 3% Fuel Oil Balmo Swap Day 1	Fut	Electronic	5.09	USD	FRPL				5.09	0.2	USD	FRPL
IPE	ICE Futures	Energy	GHL	New York 1% Fuel Oil vs USGC 3% Fuel Oil Balmo Swap Day 2	Fut	Electronic	5.09	USD	FRPL				5.09	0.2	USD	FRPL
IPE	ICE Futures	Energy	GHM	New York 1% Fuel Oil vs USGC 3% Fuel Oil Balmo Swap Day 3	Fut	Electronic	5.09	USD	FRPL				5.09	0.2	USD	FRPL
IPE	ICE Futures	Energy	GHN	New York 1% Fuel Oil vs USGC 3% Fuel Oil Balmo Swap Day 4	Fut	Electronic	5.09	USD	FRPL				5.09	0.2	USD	FRPL
IPE	ICE Futures	Energy	GHO	New York 1% Fuel Oil vs USGC 3% Fuel Oil Balmo Swap Day 5	Fut	Electronic	5.09	USD	FRPL				5.09	0.2	USD	FRPL
IPE	ICE Futures	Energy	GHP	New York 1% Fuel Oil vs USGC 3% Fuel Oil Balmo Swap Day 6	Fut	Electronic	5.09	USD	FRPL				5.09	0.2	USD	FRPL
IPE	ICE Futures	Energy	GHQ	New York 1% Fuel Oil vs USGC 3% Fuel Oil Balmo Swap Day 7	Fut	Electronic	5.09	USD	FRPL				5.09	0.2	USD	FRPL
IPE	ICE Futures	Energy	GHR	New York 1% Fuel Oil vs USGC 3% Fuel Oil Balmo Swap Day 8	Fut	Electronic	5.09	USD	FRPL				5.09	0.2	USD	FRPL
IPE	ICE Futures	Energy	GHS	New York 1% Fuel Oil vs USGC 3% Fuel Oil Balmo Swap Day 9	Fut	Electronic	5.09	USD	FRPL				5.09	0.2	USD	FRPL
IPE	ICE Futures	Energy	GHT	New York 1% Fuel Oil vs USGC 3% Fuel Oil Balmo Swap Day 10	Fut	Electronic	5.09	USD	FRPL				5.09	0.2	USD	FRPL
IPE	ICE Futures	Energy	GHU	New York 1% Fuel Oil vs USGC 3% Fuel Oil Balmo Swap Day 11	Fut	Electronic	5.09	USD	FRPL				5.09	0.2	USD	FRPL
IPE	ICE Futures	Energy	GHV	New York 1% Fuel Oil vs USGC 3% Fuel Oil Balmo Swap Day 12	Fut	Electronic	5.09	USD	FRPL				5.09	0.2	USD	FRPL
IPE	ICE Futures	Energy	GHW	New York 1% Fuel Oil vs USGC 3% Fuel Oil Balmo Swap Day 13	Fut	Electronic	5.09	USD	FRPL				5.09	0.2	USD	FRPL
IPE	ICE Futures	Energy	GHX	New York 1% Fuel Oil vs USGC 3% Fuel Oil Balmo Swap Day 14	Fut	Electronic	5.09	USD	FRPL				5.09	0.2	USD	FRPL
IPE	ICE Futures	Energy	GHY	New York 1% Fuel Oil vs USGC 3% Fuel Oil Balmo Swap Day 15	Fut	Electronic	5.09	USD	FRPL				5.09	0.2	USD	FRPL
IPE	ICE Futures	Energy	GHZ	New York 1% Fuel Oil vs USGC 3% Fuel Oil Balmo Swap Day 16	Fut	Electronic	5.09	USD	FRPL				5.09	0.2	USD	FRPL
IPE	ICE Futures	Energy	GIA	New York 1% Fuel Oil vs USGC 3% Fuel Oil Balmo Swap Day 17	Fut	Electronic	5.09	USD	FRPL				5.09	0.2	USD	FRPL
IPE	ICE Futures	Energy	GIB	New York 1% Fuel Oil vs USGC 3% Fuel Oil Balmo Swap Day 18	Fut	Electronic	5.09	USD	FRPL				5.09	0.2	USD	FRPL
IPE	ICE Futures	Energy	GIC	New York 1% Fuel Oil vs USGC 3% Fuel Oil Balmo Swap Day 19	Fut	Electronic	5.09	USD	FRPL				5.09	0.2	USD	FRPL
IPE	ICE Futures	Energy	GID	New York 1% Fuel Oil vs USGC 3% Fuel Oil Balmo Swap Day 20	Fut	Electronic	5.09	USD	FRPL				5.09	0.2	USD	FRPL
IPE	ICE Futures	Energy	GIE	New York 1% Fuel Oil vs USGC 3% Fuel Oil Balmo Swap Day 21	Fut	Electronic	5.09	USD	FRPL				5.09	0.2	USD	FRPL
IPE	ICE Futures	Energy	GIF	New York 1% Fuel Oil vs USGC 3% Fuel Oil Balmo Swap Day 22	Fut	Electronic	5.09	USD	FRPL				5.09	0.2	USD	FRPL
IPE	ICE Futures	Energy	GIG	New York 1% Fuel Oil vs USGC 3% Fuel Oil Balmo Swap Day 23	Fut	Electronic	5.09	USD	FRPL				5.09	0.2	USD	FRPL
IPE	ICE Futures	Energy	GIH	New York 1% Fuel Oil vs USGC 3% Fuel Oil Balmo Swap Day 24	Fut	Electronic	5.09	USD	FRPL				5.09	0.2	USD	FRPL
IPE	ICE Futures	Energy	GII	New York 1% Fuel Oil vs USGC 3% Fuel Oil Balmo Swap Day 25	Fut	Electronic	5.09	USD	FRPL				5.09	0.2	USD	FRPL
IPE	ICE Futures	Energy	GIJ	New York 1% Fuel Oil vs USGC 3% Fuel Oil Balmo Swap Day 26	Fut	Electronic	5.09	USD	FRPL				5.09	0.2	USD	FRPL
IPE	ICE Futures	Energy	GIK	New York 1% Fuel Oil vs USGC 3% Fuel Oil Balmo Swap Day 27	Fut	Electronic	5.09	USD	FRPL				5.09	0.2	USD	FRPL
IPE	ICE Futures	Energy	GIL	New York 1% Fuel Oil vs USGC 3% Fuel Oil Balmo Swap Day 28	Fut	Electronic	5.09	USD	FRPL				5.09	0.2	USD	FRPL
IPE	ICE Futures	Energy	GIM	New York 1% Fuel Oil vs USGC 3% Fuel Oil Balmo Swap Day 29	Fut	Electronic	5.09	USD	FRPL				5.09	0.2	USD	FRPL
IPE	ICE Futures	Energy	GIN	New York 1% Fuel Oil vs USGC 3% Fuel Oil Balmo Swap Day 30	Fut	Electronic	5.09	USD	FRPL				5.09	0.2	USD	FRPL
IPE	ICE Futures	Energy	GIO	New York 1% Fuel Oil vs USGC 3% Fuel Oil Balmo Swap Day 31	Fut	Electronic	5.09	USD	FRPL				5.09	0.2	USD	FRPL
IPE	ICE Futures	Energy	GIP	New York 1% Fuel Oil vs WTI 1st Line Balmo Swap Day 1	Fut	Electronic	5.09	USD	FRPL				5.09	0.2	USD	FRPL
IPE	ICE Futures	Energy	GIQ	New York 1% Fuel Oil vs WTI 1st Line Balmo Swap Day 2	Fut	Electronic	5.09	USD	FRPL				5.09	0.2	USD	FRPL
IPE	ICE Futures	Energy	GIR	New York 1% Fuel Oil vs WTI 1st Line Balmo Swap Day 3	Fut	Electronic	5.09	USD	FRPL				5.09	0.2	USD	FRPL
IPE	ICE Futures	Energy	GIS	New York 1% Fuel Oil vs WTI 1st Line Balmo Swap Day 4	Fut	Electronic	5.09	USD	FRPL				5.09	0.2	USD	FRPL
IPE	ICE Futures	Energy	GIT	New York 1% Fuel Oil vs WTI 1st Line Balmo Swap Day 5	Fut	Electronic	5.09	USD	FRPL				5.09	0.2	USD	FRPL
IPE	ICE Futures	Energy	GIU	New York 1% Fuel Oil vs WTI 1st Line Balmo Swap Day 6	Fut	Electronic	5.09	USD	FRPL				5.09	0.2	USD	FRPL
IPE	ICE Futures	Energy	GIV	New York 1% Fuel Oil vs WTI 1st Line Balmo Swap Day 7	Fut	Electronic	5.09	USD	FRPL				5.09	0.2	USD	FRPL
IPE	ICE Futures	Energy	GIW	New York 1% Fuel Oil vs WTI 1st Line Balmo Swap Day 8	Fut	Electronic	5.09	USD	FRPL				5.09	0.2	USD	FRPL
IPE	ICE Futures	Energy	GIX	New York 1% Fuel Oil vs WTI 1st Line Balmo Swap Day 9	Fut	Electronic	5.09	USD	FRPL				5.09	0.2	USD	FRPL
IPE	ICE Futures	Energy	GIY	New York 1% Fuel Oil vs WTI 1st Line Balmo Swap Day 10	Fut	Electronic	5.09	USD	FRPL				5.09	0.2	USD	FRPL

Exch Code	Exch Desc	Comm Group	Prod Code	Product Desc	F/O	Platform	Trd Fee	Trd Fee Cur	Trd Fee Meth	Clr Fee	Clr Fee Cur	Clr Fee Meth	Fee Total	Brk Fee	Brk Fee Cur	Brk Fee Meth
IPE	ICE Futures	Energy	GIZ	New York 1% Fuel Oil vs WTI 1st Line Balmo Swap Day 11	Fut	Electronic	5.09	USD	FRPL				5.09	0.2	USD	FRPL
IPE	ICE Futures	Energy	GJA	New York 1% Fuel Oil vs WTI 1st Line Balmo Swap Day 12	Fut	Electronic	5.09	USD	FRPL				5.09	0.2	USD	FRPL
IPE	ICE Futures	Energy	GJB	New York 1% Fuel Oil vs WTI 1st Line Balmo Swap Day 13	Fut	Electronic	5.09	USD	FRPL				5.09	0.2	USD	FRPL
IPE	ICE Futures	Energy	GJC	New York 1% Fuel Oil vs WTI 1st Line Balmo Swap Day 14	Fut	Electronic	5.09	USD	FRPL				5.09	0.2	USD	FRPL
IPE	ICE Futures	Energy	GJD	New York 1% Fuel Oil vs WTI 1st Line Balmo Swap Day 15	Fut	Electronic	5.09	USD	FRPL				5.09	0.2	USD	FRPL
IPE	ICE Futures	Energy	GJE	New York 1% Fuel Oil vs WTI 1st Line Balmo Swap Day 16	Fut	Electronic	5.09	USD	FRPL				5.09	0.2	USD	FRPL
IPE	ICE Futures	Energy	GJF	New York 1% Fuel Oil vs WTI 1st Line Balmo Swap Day 17	Fut	Electronic	5.09	USD	FRPL				5.09	0.2	USD	FRPL
IPE	ICE Futures	Energy	GJG	New York 1% Fuel Oil vs WTI 1st Line Balmo Swap Day 18	Fut	Electronic	5.09	USD	FRPL				5.09	0.2	USD	FRPL
IPE	ICE Futures	Energy	GJH	New York 1% Fuel Oil vs WTI 1st Line Balmo Swap Day 19	Fut	Electronic	5.09	USD	FRPL				5.09	0.2	USD	FRPL
IPE	ICE Futures	Energy	GJI	New York 1% Fuel Oil vs WTI 1st Line Balmo Swap Day 20	Fut	Electronic	5.09	USD	FRPL				5.09	0.2	USD	FRPL
IPE	ICE Futures	Energy	GJJ	New York 1% Fuel Oil vs WTI 1st Line Balmo Swap Day 21	Fut	Electronic	5.09	USD	FRPL				5.09	0.2	USD	FRPL
IPE	ICE Futures	Energy	GJK	New York 1% Fuel Oil vs WTI 1st Line Balmo Swap Day 22	Fut	Electronic	5.09	USD	FRPL				5.09	0.2	USD	FRPL
IPE	ICE Futures	Energy	GJL	New York 1% Fuel Oil vs WTI 1st Line Balmo Swap Day 23	Fut	Electronic	5.09	USD	FRPL				5.09	0.2	USD	FRPL
IPE	ICE Futures	Energy	GJM	New York 1% Fuel Oil vs WTI 1st Line Balmo Swap Day 24	Fut	Electronic	5.09	USD	FRPL				5.09	0.2	USD	FRPL
IPE	ICE Futures	Energy	GJN	New York 1% Fuel Oil vs WTI 1st Line Balmo Swap Day 25	Fut	Electronic	5.09	USD	FRPL				5.09	0.2	USD	FRPL
IPE	ICE Futures	Energy	GJO	New York 1% Fuel Oil vs WTI 1st Line Balmo Swap Day 26	Fut	Electronic	5.09	USD	FRPL				5.09	0.2	USD	FRPL
IPE	ICE Futures	Energy	GJP	New York 1% Fuel Oil vs WTI 1st Line Balmo Swap Day 27	Fut	Electronic	5.09	USD	FRPL				5.09	0.2	USD	FRPL
IPE	ICE Futures	Energy	GJQ	New York 1% Fuel Oil vs WTI 1st Line Balmo Swap Day 28	Fut	Electronic	5.09	USD	FRPL				5.09	0.2	USD	FRPL
IPE	ICE Futures	Energy	GJR	New York 1% Fuel Oil vs WTI 1st Line Balmo Swap Day 29	Fut	Electronic	5.09	USD	FRPL				5.09	0.2	USD	FRPL
IPE	ICE Futures	Energy	GJS	New York 1% Fuel Oil vs WTI 1st Line Balmo Swap Day 30	Fut	Electronic	5.09	USD	FRPL				5.09	0.2	USD	FRPL
IPE	ICE Futures	Energy	GJT	New York 1% Fuel Oil vs WTI 1st Line Balmo Swap Day 31	Fut	Electronic	5.09	USD	FRPL				5.09	0.2	USD	FRPL
IPE	ICE Futures	Energy	GJU	USGC 3% Fuel Oil vs 3.5% FOB Rotterdam Barges Fuel Oil Balmo Swap Day 1	Fut	Electronic	5.09	USD	FRPL				5.09	0.2	USD	FRPL
IPE	ICE Futures	Energy	GJV	USGC 3% Fuel Oil vs 3.5% FOB Rotterdam Barges Fuel Oil Balmo Swap Day 2	Fut	Electronic	5.09	USD	FRPL				5.09	0.2	USD	FRPL
IPE	ICE Futures	Energy	GJW	USGC 3% Fuel Oil vs 3.5% FOB Rotterdam Barges Fuel Oil Balmo Swap Day 3	Fut	Electronic	5.09	USD	FRPL				5.09	0.2	USD	FRPL
IPE	ICE Futures	Energy	GJX	USGC 3% Fuel Oil vs 3.5% FOB Rotterdam Barges Fuel Oil Balmo Swap Day 4	Fut	Electronic	5.09	USD	FRPL				5.09	0.2	USD	FRPL
IPE	ICE Futures	Energy	GJY	USGC 3% Fuel Oil vs 3.5% FOB Rotterdam Barges Fuel Oil Balmo Swap Day 5	Fut	Electronic	5.09	USD	FRPL				5.09	0.2	USD	FRPL
IPE	ICE Futures	Energy	GJZ	USGC 3% Fuel Oil vs 3.5% FOB Rotterdam Barges Fuel Oil Balmo Swap Day 6	Fut	Electronic	5.09	USD	FRPL				5.09	0.2	USD	FRPL
IPE	ICE Futures	Energy	GKA	USGC 3% Fuel Oil vs 3.5% FOB Rotterdam Barges Fuel Oil Balmo Swap Day 7	Fut	Electronic	5.09	USD	FRPL				5.09	0.2	USD	FRPL
IPE	ICE Futures	Energy	GKB	USGC 3% Fuel Oil vs 3.5% FOB Rotterdam Barges Fuel Oil Balmo Swap Day 8	Fut	Electronic	5.09	USD	FRPL				5.09	0.2	USD	FRPL
IPE	ICE Futures	Energy	GKC	USGC 3% Fuel Oil vs 3.5% FOB Rotterdam Barges Fuel Oil Balmo Swap Day 9	Fut	Electronic	5.09	USD	FRPL				5.09	0.2	USD	FRPL
IPE	ICE Futures	Energy	GKD	USGC 3% Fuel Oil vs 3.5% FOB Rotterdam Barges Fuel Oil Balmo Swap Day 10	Fut	Electronic	5.09	USD	FRPL				5.09	0.2	USD	FRPL
IPE	ICE Futures	Energy	GKE	USGC 3% Fuel Oil vs 3.5% FOB Rotterdam Barges Fuel Oil Balmo Swap Day 11	Fut	Electronic	5.09	USD	FRPL				5.09	0.2	USD	FRPL
IPE	ICE Futures	Energy	GKF	USGC 3% Fuel Oil vs 3.5% FOB Rotterdam Barges Fuel Oil Balmo Swap Day 12	Fut	Electronic	5.09	USD	FRPL				5.09	0.2	USD	FRPL
IPE	ICE Futures	Energy	GKG	USGC 3% Fuel Oil vs 3.5% FOB Rotterdam Barges Fuel Oil Balmo Swap Day 13	Fut	Electronic	5.09	USD	FRPL				5.09	0.2	USD	FRPL
IPE	ICE Futures	Energy	GKH	USGC 3% Fuel Oil vs 3.5% FOB Rotterdam Barges Fuel Oil Balmo Swap Day 14	Fut	Electronic	5.09	USD	FRPL				5.09	0.2	USD	FRPL
IPE	ICE Futures	Energy	GKI	USGC 3% Fuel Oil vs 3.5% FOB Rotterdam Barges Fuel Oil Balmo Swap Day 15	Fut	Electronic	5.09	USD	FRPL				5.09	0.2	USD	FRPL
IPE	ICE Futures	Energy	GKJ	USGC 3% Fuel Oil vs 3.5% FOB Rotterdam Barges Fuel Oil Balmo Swap Day 16	Fut	Electronic	5.09	USD	FRPL				5.09	0.2	USD	FRPL
IPE	ICE Futures	Energy	GKK	USGC 3% Fuel Oil vs 3.5% FOB Rotterdam Barges Fuel Oil Balmo Swap Day 17	Fut	Electronic	5.09	USD	FRPL				5.09	0.2	USD	FRPL
IPE	ICE Futures	Energy	GKL	USGC 3% Fuel Oil vs 3.5% FOB Rotterdam Barges Fuel Oil Balmo Swap Day 18	Fut	Electronic	5.09	USD	FRPL				5.09	0.2	USD	FRPL
IPE	ICE Futures	Energy	GKM	USGC 3% Fuel Oil vs 3.5% FOB Rotterdam Barges Fuel Oil Balmo Swap Day 19	Fut	Electronic	5.09	USD	FRPL				5.09	0.2	USD	FRPL

Exch Code	Exch Desc	Comm Group	Prod Code	Product Desc	F/O	Platform	Trd Fee	Trd Fee Cur	Trd Fee Meth	Clr Fee	Clr Fee Cur	Clr Fee Meth	Fee Total	Brk Fee	Brk Fee Cur	Brk Fee Meth
IPE	ICE Futures	Energy	GKN	USGC 3% Fuel Oil vs 3.5% FOB Rotterdam Barges Fuel Oil Balmo Swap Day 20	Fut	Electronic	5.09	USD	FRPL				5.09	0.2	USD	FRPL
IPE	ICE Futures	Energy	GKO	USGC 3% Fuel Oil vs 3.5% FOB Rotterdam Barges Fuel Oil Balmo Swap Day 21	Fut	Electronic	5.09	USD	FRPL				5.09	0.2	USD	FRPL
IPE	ICE Futures	Energy	GKP	USGC 3% Fuel Oil vs 3.5% FOB Rotterdam Barges Fuel Oil Balmo Swap Day 22	Fut	Electronic	5.09	USD	FRPL				5.09	0.2	USD	FRPL
IPE	ICE Futures	Energy	GKQ	USGC 3% Fuel Oil vs 3.5% FOB Rotterdam Barges Fuel Oil Balmo Swap Day 23	Fut	Electronic	5.09	USD	FRPL				5.09	0.2	USD	FRPL
IPE	ICE Futures	Energy	GKR	USGC 3% Fuel Oil vs 3.5% FOB Rotterdam Barges Fuel Oil Balmo Swap Day 24	Fut	Electronic	5.09	USD	FRPL				5.09	0.2	USD	FRPL
IPE	ICE Futures	Energy	GKS	USGC 3% Fuel Oil vs 3.5% FOB Rotterdam Barges Fuel Oil Balmo Swap Day 25	Fut	Electronic	5.09	USD	FRPL				5.09	0.2	USD	FRPL
IPE	ICE Futures	Energy	GKT	USGC 3% Fuel Oil vs 3.5% FOB Rotterdam Barges Fuel Oil Balmo Swap Day 26	Fut	Electronic	5.09	USD	FRPL				5.09	0.2	USD	FRPL
IPE	ICE Futures	Energy	GKU	USGC 3% Fuel Oil vs 3.5% FOB Rotterdam Barges Fuel Oil Balmo Swap Day 27	Fut	Electronic	5.09	USD	FRPL				5.09	0.2	USD	FRPL
IPE	ICE Futures	Energy	GKV	USGC 3% Fuel Oil vs 3.5% FOB Rotterdam Barges Fuel Oil Balmo Swap Day 28	Fut	Electronic	5.09	USD	FRPL				5.09	0.2	USD	FRPL
IPE	ICE Futures	Energy	GKW	USGC 3% Fuel Oil vs 3.5% FOB Rotterdam Barges Fuel Oil Balmo Swap Day 29	Fut	Electronic	5.09	USD	FRPL				5.09	0.2	USD	FRPL
IPE	ICE Futures	Energy	GKX	USGC 3% Fuel Oil vs 3.5% FOB Rotterdam Barges Fuel Oil Balmo Swap Day 30	Fut	Electronic	5.09	USD	FRPL				5.09	0.2	USD	FRPL
IPE	ICE Futures	Energy	GKY	USGC 3% Fuel Oil vs 3.5% FOB Rotterdam Barges Fuel Oil Balmo Swap Day 31	Fut	Electronic	5.09	USD	FRPL				5.09	0.2	USD	FRPL
IPE	ICE Futures	Energy	GKZ	Singapore Naphtha Balmo Swap Day 1	Fut	Electronic	5.09	USD	FRPL				5.09	0.2	USD	FRPL
IPE	ICE Futures	Energy	GLA	Singapore Naphtha Balmo Swap Day 2	Fut	Electronic	5.09	USD	FRPL				5.09	0.2	USD	FRPL
IPE	ICE Futures	Energy	GLB	Singapore Naphtha Balmo Swap Day 3	Fut	Electronic	5.09	USD	FRPL				5.09	0.2	USD	FRPL
IPE	ICE Futures	Energy	GLC	Singapore Naphtha Balmo Swap Day 4	Fut	Electronic	5.09	USD	FRPL				5.09	0.2	USD	FRPL
IPE	ICE Futures	Energy	GLD	Singapore Naphtha Balmo Swap Day 5	Fut	Electronic	5.09	USD	FRPL				5.09	0.2	USD	FRPL
IPE	ICE Futures	Energy	GLE	Singapore Naphtha Balmo Swap Day 6	Fut	Electronic	5.09	USD	FRPL				5.09	0.2	USD	FRPL
IPE	ICE Futures	Energy	GLF	Singapore Naphtha Balmo Swap Day 7	Fut	Electronic	5.09	USD	FRPL				5.09	0.2	USD	FRPL
IPE	ICE Futures	Energy	GLG	Singapore Naphtha Balmo Swap Day 8	Fut	Electronic	5.09	USD	FRPL				5.09	0.2	USD	FRPL
IPE	ICE Futures	Energy	GLH	Singapore Naphtha Balmo Swap Day 9	Fut	Electronic	5.09	USD	FRPL				5.09	0.2	USD	FRPL
IPE	ICE Futures	Energy	GLI	Singapore Naphtha Balmo Swap Day 10	Fut	Electronic	5.09	USD	FRPL				5.09	0.2	USD	FRPL
IPE	ICE Futures	Energy	GLJ	Singapore Naphtha Balmo Swap Day 11	Fut	Electronic	5.09	USD	FRPL				5.09	0.2	USD	FRPL
IPE	ICE Futures	Energy	GLK	Singapore Naphtha Balmo Swap Day 12	Fut	Electronic	5.09	USD	FRPL				5.09	0.2	USD	FRPL
IPE	ICE Futures	Energy	GLL	Singapore Naphtha Balmo Swap Day 13	Fut	Electronic	5.09	USD	FRPL				5.09	0.2	USD	FRPL
IPE	ICE Futures	Energy	GLM	Singapore Naphtha Balmo Swap Day 14	Fut	Electronic	5.09	USD	FRPL				5.09	0.2	USD	FRPL
IPE	ICE Futures	Energy	GLN	Singapore Naphtha Balmo Swap Day 15	Fut	Electronic	5.09	USD	FRPL				5.09	0.2	USD	FRPL
IPE	ICE Futures	Energy	GLO	Singapore Naphtha Balmo Swap Day 16	Fut	Electronic	5.09	USD	FRPL				5.09	0.2	USD	FRPL
IPE	ICE Futures	Energy	GLP	Singapore Naphtha Balmo Swap Day 17	Fut	Electronic	5.09	USD	FRPL				5.09	0.2	USD	FRPL
IPE	ICE Futures	Energy	GLQ	Singapore Naphtha Balmo Swap Day 18	Fut	Electronic	5.09	USD	FRPL				5.09	0.2	USD	FRPL
IPE	ICE Futures	Energy	GLR	Singapore Naphtha Balmo Swap Day 19	Fut	Electronic	5.09	USD	FRPL				5.09	0.2	USD	FRPL
IPE	ICE Futures	Energy	GLS	Singapore Naphtha Balmo Swap Day 20	Fut	Electronic	5.09	USD	FRPL				5.09	0.2	USD	FRPL
IPE	ICE Futures	Energy	GLT	Singapore Naphtha Balmo Swap Day 21	Fut	Electronic	5.09	USD	FRPL				5.09	0.2	USD	FRPL
IPE	ICE Futures	Energy	GLU	Singapore Naphtha Balmo Swap Day 22	Fut	Electronic	5.09	USD	FRPL				5.09	0.2	USD	FRPL
IPE	ICE Futures	Energy	GLV	Singapore Naphtha Balmo Swap Day 23	Fut	Electronic	5.09	USD	FRPL				5.09	0.2	USD	FRPL
IPE	ICE Futures	Energy	GLW	Singapore Naphtha Balmo Swap Day 24	Fut	Electronic	5.09	USD	FRPL				5.09	0.2	USD	FRPL
IPE	ICE Futures	Energy	GLX	Singapore Naphtha Balmo Swap Day 25	Fut	Electronic	5.09	USD	FRPL				5.09	0.2	USD	FRPL
IPE	ICE Futures	Energy	GLY	Singapore Naphtha Balmo Swap Day 26	Fut	Electronic	5.09	USD	FRPL				5.09	0.2	USD	FRPL
IPE	ICE Futures	Energy	GLZ	Singapore Naphtha Balmo Swap Day 27	Fut	Electronic	5.09	USD	FRPL				5.09	0.2	USD	FRPL
IPE	ICE Futures	Energy	GMA	Singapore Naphtha Balmo Swap Day 28	Fut	Electronic	5.09	USD	FRPL				5.09	0.2	USD	FRPL
IPE	ICE Futures	Energy	GMB	Singapore Naphtha Balmo Swap Day 29	Fut	Electronic	5.09	USD	FRPL				5.09	0.2	USD	FRPL
IPE	ICE Futures	Energy	GMC	Singapore Naphtha Balmo Swap Day 30	Fut	Electronic	5.09	USD	FRPL				5.09	0.2	USD	FRPL
IPE	ICE Futures	Energy	GMD	Singapore Naphtha Balmo Swap Day 31	Fut	Electronic	5.09	USD	FRPL				5.09	0.2	USD	FRPL
IPE	ICE Futures	Energy	GMG	Gasoil 0.1% CIF Med Cargoes vs Gasoil 1st Line Swap	Fut	Electronic	38.25	USD	FRPL				38.25	0.2	USD	FRPL
IPE	ICE Futures	Energy	GOA	Gasoil 1-Month Calendar Spread Swap	Opt	Electronic	3.82	USD	FRPL				3.82	0.15	EUR	FRPL
IPE	ICE Futures	Energy	GOB	Gasoil Bullet Swap	Fut	Electronic	3.82	USD	FRPL				3.82	0.2	USD	FRPL
IPE	ICE Futures	Energy	GOC	Gasoil 1st Line vs Brent 1st Line Swap	Fut	Electronic	38.25	USD	FRPL				38.25	0.2	USD	FRPL

Exch Code	Exch Desc	Comm Group	Prod Code	Product Desc	F/O	Platform	Trd Fee	Trd Fee Cur	Trd Fee Meth	Clr Fee	Clr Fee Cur	Clr Fee Meth	Fee Total	Brk Fee	Brk Fee Cur	Brk Fee Meth
IPE	ICE Futures	Energy	GOE	USGC 3% Fuel Oil vs 3.5% FOB Rotterdam Barges Fuel Oil Swap	Fut	Electronic	5.09	USD	FRPL				5.09	0.2	USD	FRPL
IPE	ICE Futures	Energy	GOF	Gasoil 0.1% FOB Rotterdam Barges Swap	Fut	Electronic	38.25	USD	FRPL				38.25	0.2	USD	FRPL
IPE	ICE Futures	Energy	GOH	Gulf Coast ULSD vs Heating Oil 1st Line Swap	Fut	Electronic	5.09	USD	FRPL				5.09	0.2	USD	FRPL
IPE	ICE Futures	Energy	GOM	Gasoil 0.1% FOB Med Cargoes Swap	Fut	Electronic	38.25	USD	FRPL				38.25	0.2	USD	FRPL
IPE	ICE Futures	Energy	GRB	Gasoil 0.1% FOB Rotterdam Barges vs Brent 1st Line Swap	Fut	Electronic	38.25	USD	FRPL				38.25	0.2	USD	FRPL
IPE	ICE Futures	Energy	GSA	Gasoil 50ppm FOB Rotterdam Barges Swap	Fut	Electronic	38.25	USD	FRPL				38.25	0.2	USD	FRPL
IPE	ICE Futures	Energy	GSC	Gasoil 50ppm FOB Rotterdam Barges vs Brent 1st Line Swap	Fut	Electronic	38.25	USD	FRPL				38.25	0.2	USD	FRPL
IPE	ICE Futures	Energy	GSD	Gasoil 50ppm FOB Rotterdam Barges vs Gasoil 1st Line Swap	Fut	Electronic	38.25	USD	FRPL				38.25	0.2	USD	FRPL
IPE	ICE Futures	Energy	GSE	Gasoil 50ppm FOB Rotterdam Barges Bullet Swap	Fut	Electronic	3.82	USD	FRPL				3.82	0.2	USD	FRPL
IPE	ICE Futures	Energy	GSF	Gasoil 50ppm FOB Rotterdam Barges vs Gasoil 0.1% FOB Rotterdam Barges Swap	Fut	Electronic	38.25	USD	FRPL				38.25	0.2	USD	FRPL
IPE	ICE Futures	Energy	GSP	Gasoil 1st Line Swap	Fut	Electronic	3.82	USD	FRPL				3.82	0.2	USD	FRPL
IPE	ICE Futures	Energy	GSP	Gasoil 1st Line Swap	Opt	Electronic	3.82	USD	FRPL				3.82	0.15	EUR	FRPL
IPE	ICE Futures	Energy	GST	Singapore Gasoil 10ppm Swap	Fut	Electronic	5.09	USD	FRPL				5.09	0.2	USD	FRPL
IPE	ICE Futures	Energy	GSU	Singapore 10ppm Gasoil vs Singapore 0.5% Gasoil Swap	Fut	Electronic	5.09	USD	FRPL				5.09	0.2	USD	FRPL
IPE	ICE Futures	Energy	GSW	Singapore 10ppm Gasoil vs Singapore Gasoil Swap	Fut	Electronic	5.09	USD	FRPL				5.09	0.2	USD	FRPL
IPE	ICE Futures	Energy	GUB	Gulf Coast Jet Fuel vs Brent 1st Line Swap	Fut	Electronic	5.09	USD	FRPL				5.09	0.2	USD	FRPL
IPE	ICE Futures	Energy	GUF	USGC 3% Fuel Oil vs WTI 1st Line Swap	Fut	Electronic	5.09	USD	FRPL				5.09	0.2	USD	FRPL
IPE	ICE Futures	Energy	GUL	EU-Style Gasoil Swap	Opt	Electronic	3.82	USD	FRPL				3.82	0.15	EUR	FRPL
IPE	ICE Futures	Energy	GUU	Gulf Coast ULSD Swap	Fut	Electronic	5.09	USD	FRPL				5.09	0.2	USD	FRPL
IPE	ICE Futures	Energy	GUV	Gulf Coast ULSD vs Brent 1st Line Swap	Fut	Electronic	5.09	USD	FRPL				5.09	0.2	USD	FRPL
IPE	ICE Futures	Energy	GUW	Gulf Coast ULSD vs WTI 1st Line Swap	Fut	Electronic	5.09	USD	FRPL				5.09	0.2	USD	FRPL
IPE	ICE Futures	Energy	GUX	Gulf Coast ULSD vs Low Sulphur Gasoil 1st Line Swap	Fut	Electronic	5.09	USD	FRPL				5.09	0.2	USD	FRPL
IPE	ICE Futures	Energy	GUY	Gulf Coast ULSD vs Gasoil 1st Line Swap	Fut	Electronic	5.09	USD	FRPL				5.09	0.2	USD	FRPL
IPE	ICE Futures	Energy	HBT	Heating Oil 1st Line vs Brent 1st Line Swap	Fut	Electronic	5.09	USD	FRPL				5.09	0.2	USD	FRPL
IPE	ICE Futures	Energy	HBW	Heating Oil 1st Line vs WTI 1st Line Swap	Fut	Electronic	5.09	USD	FRPL				5.09	0.2	USD	FRPL
IPE	ICE Futures	Energy	HOF	Heating Oil 1st Line Swap	Fut	Electronic	5.09	USD	FRPL				5.09	0.2	USD	FRPL
IPE	ICE Futures	Energy	HOF	Heating Oil 1st Line Swap	Opt	Electronic	5.09	USD	FRPL				5.09	0.15	EUR	FRPL
IPE	ICE Futures	Energy	HOG	Heating Oil 1st Line vs Gasoil 1st Line Swap	Fut	Electronic	5.09	USD	FRPL				5.09	0.2	USD	FRPL
IPE	ICE Futures	Energy	HOK	NYH Heating Oil 2:30 PM ET Settlement vs. Platts 3:15 PM ET Futures Assessment	Fut	Electronic	5.09	USD	FRPL				5.09	0.2	USD	FRPL
IPE	ICE Futures	Energy	HOL	NYH Heating Oil 2:30 PM ET Settlement vs Platts 3:15 PM ET 2nd Month Spread Swap Futures Assessment	Fut	Electronic	5.09	USD	FRPL				5.09	0.2	USD	FRPL
IPE	ICE Futures	Energy	HOT	Heating Oil 1st Line vs Gasoil 1st Line Swap	Fut	Electronic	38.25	USD	FRPL				38.25	0.2	USD	FRPL
IPE	ICE Futures	Energy	I	Brent 1st Line Swap	Fut	Electronic	2.59	USD	FRPL				2.59	0.2	USD	FRPL
IPE	ICE Futures	Energy	I	Brent 1st Line Swap	Opt	Electronic	2.59	USD	FRPL				2.59	0.15	EUR	FRPL
IPE	ICE Futures	Energy	IBC	Normal Butane, OPIS Conway In-Well, Fixed Price Swap	Fut	Electronic	10.75	USD	FRPL				10.75	0.2	USD	FRPL
IPE	ICE Futures	Energy	IOR	Iron Ore 62% Fe (Platts IODEX) Swap	Fut	Electronic	25	USD	FRPL				25	0.2	USD	FRPL
IPE	ICE Futures	Energy	ISC	Iso Butane, OPIS Conway In-Well, Fixed Price Swap	Fut	Electronic	10.75	USD	FRPL				10.75	0.2	USD	FRPL
IPE	ICE Futures	Energy	ISL	Iso Butane, OPIS Mt. Belvieu TET, Fixed Price Swap	Fut	Electronic	10.75	USD	FRPL				10.75	0.2	USD	FRPL
IPE	ICE Futures	Energy	ISO	Iso Butane, OPIS Mt. Belvieu Non-TET, Fixed Price Swap	Fut	Electronic	10.75	USD	FRPL				10.75	0.2	USD	FRPL
IPE	ICE Futures	Energy	JCF	Gulf Coast Jet Fuel Swap	Fut	Electronic	5.09	USD	FRPL				5.09	0.2	USD	FRPL
IPE	ICE Futures	Energy	JCN	Jet CIF NWE Cargoes Swap	Fut	Electronic	40.4	USD	FRPL				40.4	0.2	USD	FRPL
IPE	ICE Futures	Energy	JET	Jet CIF NWE Cargoes vs Gasoil 1st Line Swap	Fut	Electronic	40.4	USD	FRPL				40.4	0.2	USD	FRPL
IPE	ICE Futures	Energy	JHO	Gulf Coast Jet Fuel vs Heating Oil 1st Line Swap	Fut	Electronic	5.09	USD	FRPL				5.09	0.2	USD	FRPL
IPE	ICE Futures	Energy	JKM	Japan Korea Marker LNG Swap	Fut	Electronic	20	USD	FRPL				20	0.2	USD	FRPL
IPE	ICE Futures	Energy	JNB	Jet CIF NWE Cargoes vs Brent 1st Line Swap	Fut	Electronic	5.09	USD	FRPL				5.09	0.2	USD	FRPL
IPE	ICE Futures	Energy	JOE	Naphtha C+F Japan vs Naphtha CIF NWE Cargoes Swap	Fut	Electronic	45.5	USD	FRPL				45.5	0.2	USD	FRPL
IPE	ICE Futures	Energy	JRG	Jet FOB Rotterdam Barges vs Gasoil 1st Line Swap	Fut	Electronic	40.4	USD	FRPL				40.4	0.2	USD	FRPL
IPE	ICE Futures	Energy	JRJ	Jet FOB Rotterdam Barges vs Jet CIF NWE Cargoes Swap	Fut	Electronic	40.4	USD	FRPL				40.4	0.2	USD	FRPL
IPE	ICE Futures	Energy	LAA	Propane, OPIS Mt. Belvieu Non-TET, Fixed Price Swap (Balmo) Day 1	Fut	Electronic	10.75	USD	FRPL				10.75	0.2	USD	FRPL
IPE	ICE Futures	Energy	LAB	Propane, OPIS Mt. Belvieu Non-TET, Fixed Price Swap (Balmo) Day 2	Fut	Electronic	10.75	USD	FRPL				10.75	0.2	USD	FRPL
IPE	ICE Futures	Energy	LAC	Propane, OPIS Mt. Belvieu Non-TET, Fixed Price Swap (Balmo) Day 3	Fut	Electronic	10.75	USD	FRPL				10.75	0.2	USD	FRPL
IPE	ICE Futures	Energy	LAD	Propane, OPIS Mt. Belvieu Non-TET, Fixed Price Swap (Balmo) Day 4	Fut	Electronic	10.75	USD	FRPL				10.75	0.2	USD	FRPL

Exch Code	Exch Desc	Comm Group	Prod Code	Product Desc	F/O	Platform	Trd Fee	Trd Fee Cur	Trd Fee Meth	Clr Fee	Clr Fee Cur	Clr Fee Meth	Fee Total	Brk Fee	Brk Fee Cur	Brk Fee Meth
IPE	ICE Futures	Energy	LAE	Propane, OPIS Mt. Belvieu Non-TET, Fixed Price Swap (Balmo) Day 5	Fut	Electronic	10.75	USD	FRPL				10.75	0.2	USD	FRPL
IPE	ICE Futures	Energy	LAF	Propane, OPIS Mt. Belvieu Non-TET, Fixed Price Swap (Balmo) Day 6	Fut	Electronic	10.75	USD	FRPL				10.75	0.2	USD	FRPL
IPE	ICE Futures	Energy	LAG	Propane, OPIS Mt. Belvieu Non-TET, Fixed Price Swap (Balmo) Day 7	Fut	Electronic	10.75	USD	FRPL				10.75	0.2	USD	FRPL
IPE	ICE Futures	Energy	LAH	Propane, OPIS Mt. Belvieu Non-TET, Fixed Price Swap (Balmo) Day 8	Fut	Electronic	10.75	USD	FRPL				10.75	0.2	USD	FRPL
IPE	ICE Futures	Energy	LAI	Propane, OPIS Mt. Belvieu Non-TET, Fixed Price Swap (Balmo) Day 9	Fut	Electronic	10.75	USD	FRPL				10.75	0.2	USD	FRPL
IPE	ICE Futures	Energy	LAJ	Propane, OPIS Mt. Belvieu Non-TET, Fixed Price Swap (Balmo) Day 10	Fut	Electronic	10.75	USD	FRPL				10.75	0.2	USD	FRPL
IPE	ICE Futures	Energy	LAK	Propane, OPIS Mt. Belvieu Non-TET, Fixed Price Swap (Balmo) Day 11	Fut	Electronic	10.75	USD	FRPL				10.75	0.2	USD	FRPL
IPE	ICE Futures	Energy	LAL	Propane, OPIS Mt. Belvieu Non-TET, Fixed Price Swap (Balmo) Day 12	Fut	Electronic	10.75	USD	FRPL				10.75	0.2	USD	FRPL
IPE	ICE Futures	Energy	LAM	Propane, OPIS Mt. Belvieu Non-TET, Fixed Price Swap (Balmo) Day 13	Fut	Electronic	10.75	USD	FRPL				10.75	0.2	USD	FRPL
IPE	ICE Futures	Energy	LAN	Propane, OPIS Mt. Belvieu Non-TET, Fixed Price Swap (Balmo) Day 14	Fut	Electronic	10.75	USD	FRPL				10.75	0.2	USD	FRPL
IPE	ICE Futures	Energy	LAO	Propane, OPIS Mt. Belvieu Non-TET, Fixed Price Swap (Balmo) Day 15	Fut	Electronic	10.75	USD	FRPL				10.75	0.2	USD	FRPL
IPE	ICE Futures	Energy	LAP	Propane, OPIS Mt. Belvieu Non-TET, Fixed Price Swap (Balmo) Day 16	Fut	Electronic	10.75	USD	FRPL				10.75	0.2	USD	FRPL
IPE	ICE Futures	Energy	LAQ	Propane, OPIS Mt. Belvieu Non-TET, Fixed Price Swap (Balmo) Day 17	Fut	Electronic	10.75	USD	FRPL				10.75	0.2	USD	FRPL
IPE	ICE Futures	Energy	LAR	Propane, OPIS Mt. Belvieu Non-TET, Fixed Price Swap (Balmo) Day 18	Fut	Electronic	10.75	USD	FRPL				10.75	0.2	USD	FRPL
IPE	ICE Futures	Energy	LAS	Propane, OPIS Mt. Belvieu Non-TET, Fixed Price Swap (Balmo) Day 19	Fut	Electronic	10.75	USD	FRPL				10.75	0.2	USD	FRPL
IPE	ICE Futures	Energy	LAT	Propane, OPIS Mt. Belvieu Non-TET, Fixed Price Swap (Balmo) Day 20	Fut	Electronic	10.75	USD	FRPL				10.75	0.2	USD	FRPL
IPE	ICE Futures	Energy	LAU	Propane, OPIS Mt. Belvieu Non-TET, Fixed Price Swap (Balmo) Day 21	Fut	Electronic	10.75	USD	FRPL				10.75	0.2	USD	FRPL
IPE	ICE Futures	Energy	LAV	Propane, OPIS Mt. Belvieu Non-TET, Fixed Price Swap (Balmo) Day 22	Fut	Electronic	10.75	USD	FRPL				10.75	0.2	USD	FRPL
IPE	ICE Futures	Energy	LAW	Propane, OPIS Mt. Belvieu Non-TET, Fixed Price Swap (Balmo) Day 23	Fut	Electronic	10.75	USD	FRPL				10.75	0.2	USD	FRPL
IPE	ICE Futures	Energy	LAX	Propane, OPIS Mt. Belvieu Non-TET, Fixed Price Swap (Balmo) Day 24	Fut	Electronic	10.75	USD	FRPL				10.75	0.2	USD	FRPL
IPE	ICE Futures	Energy	LAY	Propane, OPIS Mt. Belvieu Non-TET, Fixed Price Swap (Balmo) Day 25	Fut	Electronic	10.75	USD	FRPL				10.75	0.2	USD	FRPL
IPE	ICE Futures	Energy	LAZ	Propane, OPIS Mt. Belvieu Non-TET, Fixed Price Swap (Balmo) Day 26	Fut	Electronic	10.75	USD	FRPL				10.75	0.2	USD	FRPL
IPE	ICE Futures	Energy	LBA	Propane, OPIS Mt. Belvieu Non-TET, Fixed Price Swap (Balmo) Day 27	Fut	Electronic	10.75	USD	FRPL				10.75	0.2	USD	FRPL
IPE	ICE Futures	Energy	LBB	Propane, OPIS Mt. Belvieu Non-TET, Fixed Price Swap (Balmo) Day 28	Fut	Electronic	10.75	USD	FRPL				10.75	0.2	USD	FRPL
IPE	ICE Futures	Energy	LBC	Propane, OPIS Mt. Belvieu Non-TET, Fixed Price Swap (Balmo) Day 29	Fut	Electronic	10.75	USD	FRPL				10.75	0.2	USD	FRPL
IPE	ICE Futures	Energy	LBD	Propane, OPIS Mt. Belvieu Non-TET, Fixed Price Swap (Balmo) Day 30	Fut	Electronic	10.75	USD	FRPL				10.75	0.2	USD	FRPL
IPE	ICE Futures	Energy	LBE	Propane, OPIS Mt. Belvieu Non-TET, Fixed Price Swap (Balmo) Day 31	Fut	Electronic	10.75	USD	FRPL				10.75	0.2	USD	FRPL
IPE	ICE Futures	Energy	LCA	Propane, OPIS Mt. Belvieu TET, Fixed Price Swap (Balmo) Day 1	Fut	Electronic	10.75	USD	FRPL				10.75	0.2	USD	FRPL
IPE	ICE Futures	Energy	LCB	Propane, OPIS Mt. Belvieu TET, Fixed Price Swap (Balmo) Day 2	Fut	Electronic	10.75	USD	FRPL				10.75	0.2	USD	FRPL

Exch Code	Exch Desc	Comm Group	Prod Code	Product Desc	F/O	Platform	Trd Fee	Trd Fee Cur	Trd Fee Meth	Clr Fee	Clr Fee Cur	Clr Fee Meth	Fee Total	Brk Fee	Brk Fee Cur	Brk Fee Meth
IPE	ICE Futures	Energy	LCC	Propane, OPIS Mt. Belvieu TET, Fixed Price Swap (Balmo) Day 3	Fut	Electronic	10.75	USD	FRPL				10.75	0.2	USD	FRPL
IPE	ICE Futures	Energy	LCD	Propane, OPIS Mt. Belvieu TET, Fixed Price Swap (Balmo) Day 4	Fut	Electronic	10.75	USD	FRPL				10.75	0.2	USD	FRPL
IPE	ICE Futures	Energy	LCE	Propane, OPIS Mt. Belvieu TET, Fixed Price Swap (Balmo) Day 5	Fut	Electronic	10.75	USD	FRPL				10.75	0.2	USD	FRPL
IPE	ICE Futures	Energy	LCF	Propane, OPIS Mt. Belvieu TET, Fixed Price Swap (Balmo) Day 6	Fut	Electronic	10.75	USD	FRPL				10.75	0.2	USD	FRPL
IPE	ICE Futures	Energy	LCG	Propane, OPIS Mt. Belvieu TET, Fixed Price Swap (Balmo) Day 7	Fut	Electronic	10.75	USD	FRPL				10.75	0.2	USD	FRPL
IPE	ICE Futures	Energy	LCH	Propane, OPIS Mt. Belvieu TET, Fixed Price Swap (Balmo) Day 8	Fut	Electronic	10.75	USD	FRPL				10.75	0.2	USD	FRPL
IPE	ICE Futures	Energy	LCI	Propane, OPIS Mt. Belvieu TET, Fixed Price Swap (Balmo) Day 9	Fut	Electronic	10.75	USD	FRPL				10.75	0.2	USD	FRPL
IPE	ICE Futures	Energy	LCJ	Propane, OPIS Mt. Belvieu TET, Fixed Price Swap (Balmo) Day 10	Fut	Electronic	10.75	USD	FRPL				10.75	0.2	USD	FRPL
IPE	ICE Futures	Energy	LCK	Propane, OPIS Mt. Belvieu TET, Fixed Price Swap (Balmo) Day 11	Fut	Electronic	10.75	USD	FRPL				10.75	0.2	USD	FRPL
IPE	ICE Futures	Energy	LCL	Propane, OPIS Mt. Belvieu TET, Fixed Price Swap (Balmo) Day 12	Fut	Electronic	10.75	USD	FRPL				10.75	0.2	USD	FRPL
IPE	ICE Futures	Energy	LCM	Propane, OPIS Mt. Belvieu TET, Fixed Price Swap (Balmo) Day 13	Fut	Electronic	10.75	USD	FRPL				10.75	0.2	USD	FRPL
IPE	ICE Futures	Energy	LCN	Propane, OPIS Mt. Belvieu TET, Fixed Price Swap (Balmo) Day 14	Fut	Electronic	10.75	USD	FRPL				10.75	0.2	USD	FRPL
IPE	ICE Futures	Energy	LCO	Propane, OPIS Mt. Belvieu TET, Fixed Price Swap (Balmo) Day 15	Fut	Electronic	10.75	USD	FRPL				10.75	0.2	USD	FRPL
IPE	ICE Futures	Energy	LCP	Propane, OPIS Mt. Belvieu TET, Fixed Price Swap (Balmo) Day 16	Fut	Electronic	10.75	USD	FRPL				10.75	0.2	USD	FRPL
IPE	ICE Futures	Energy	LCQ	Propane, OPIS Mt. Belvieu TET, Fixed Price Swap (Balmo) Day 17	Fut	Electronic	10.75	USD	FRPL				10.75	0.2	USD	FRPL
IPE	ICE Futures	Energy	LCR	Propane, OPIS Mt. Belvieu TET, Fixed Price Swap (Balmo) Day 18	Fut	Electronic	10.75	USD	FRPL				10.75	0.2	USD	FRPL
IPE	ICE Futures	Energy	LCS	Propane, OPIS Mt. Belvieu TET, Fixed Price Swap (Balmo) Day 19	Fut	Electronic	10.75	USD	FRPL				10.75	0.2	USD	FRPL
IPE	ICE Futures	Energy	LCT	Propane, OPIS Mt. Belvieu TET, Fixed Price Swap (Balmo) Day 20	Fut	Electronic	10.75	USD	FRPL				10.75	0.2	USD	FRPL
IPE	ICE Futures	Energy	LCU	Propane, OPIS Mt. Belvieu TET, Fixed Price Swap (Balmo) Day 21	Fut	Electronic	10.75	USD	FRPL				10.75	0.2	USD	FRPL
IPE	ICE Futures	Energy	LCV	Propane, OPIS Mt. Belvieu TET, Fixed Price Swap (Balmo) Day 22	Fut	Electronic	10.75	USD	FRPL				10.75	0.2	USD	FRPL
IPE	ICE Futures	Energy	LCW	Propane, OPIS Mt. Belvieu TET, Fixed Price Swap (Balmo) Day 23	Fut	Electronic	10.75	USD	FRPL				10.75	0.2	USD	FRPL
IPE	ICE Futures	Energy	LCX	Propane, OPIS Mt. Belvieu TET, Fixed Price Swap (Balmo) Day 24	Fut	Electronic	10.75	USD	FRPL				10.75	0.2	USD	FRPL
IPE	ICE Futures	Energy	LCY	Propane, OPIS Mt. Belvieu TET, Fixed Price Swap (Balmo) Day 25	Fut	Electronic	10.75	USD	FRPL				10.75	0.2	USD	FRPL
IPE	ICE Futures	Energy	LCZ	Propane, OPIS Mt. Belvieu TET, Fixed Price Swap (Balmo) Day 26	Fut	Electronic	10.75	USD	FRPL				10.75	0.2	USD	FRPL
IPE	ICE Futures	Energy	LDA	Propane, OPIS Mt. Belvieu TET, Fixed Price Swap (Balmo) Day 27	Fut	Electronic	10.75	USD	FRPL				10.75	0.2	USD	FRPL
IPE	ICE Futures	Energy	LDB	Propane, OPIS Mt. Belvieu TET, Fixed Price Swap (Balmo) Day 28	Fut	Electronic	10.75	USD	FRPL				10.75	0.2	USD	FRPL
IPE	ICE Futures	Energy	LDC	Propane, OPIS Mt. Belvieu TET, Fixed Price Swap (Balmo) Day 29	Fut	Electronic	10.75	USD	FRPL				10.75	0.2	USD	FRPL
IPE	ICE Futures	Energy	LDD	Propane, OPIS Mt. Belvieu TET, Fixed Price Swap (Balmo) Day 30	Fut	Electronic	10.75	USD	FRPL				10.75	0.2	USD	FRPL
IPE	ICE Futures	Energy	LDE	Propane, OPIS Mt. Belvieu TET, Fixed Price Swap (Balmo) Day 31	Fut	Electronic	10.75	USD	FRPL				10.75	0.2	USD	FRPL

Exch Code	Exch Desc	Comm Group	Prod Code	Product Desc	F/O	Platform	Trd Fee	Trd Fee Cur	Trd Fee Meth	Clr Fee	Clr Fee Cur	Clr Fee Meth	Fee Total	Brk Fee	Brk Fee Cur	Brk Fee Meth
IPE	ICE Futures	Energy	LEA	Normal Butane, OPIS Mt. Belvieu Non-TET, Fixed Price Swap (Balmo) Day 1	Fut	Electronic	10.75	USD	FRPL				10.75	0.2	USD	FRPL
IPE	ICE Futures	Energy	LEB	Normal Butane, OPIS Mt. Belvieu Non-TET, Fixed Price Swap (Balmo) Day 2	Fut	Electronic	10.75	USD	FRPL				10.75	0.2	USD	FRPL
IPE	ICE Futures	Energy	LEC	Normal Butane, OPIS Mt. Belvieu Non-TET, Fixed Price Swap (Balmo) Day 3	Fut	Electronic	10.75	USD	FRPL				10.75	0.2	USD	FRPL
IPE	ICE Futures	Energy	LED	Normal Butane, OPIS Mt. Belvieu Non-TET, Fixed Price Swap (Balmo) Day 4	Fut	Electronic	10.75	USD	FRPL				10.75	0.2	USD	FRPL
IPE	ICE Futures	Energy	LEE	Normal Butane, OPIS Mt. Belvieu Non-TET, Fixed Price Swap (Balmo) Day 5	Fut	Electronic	10.75	USD	FRPL				10.75	0.2	USD	FRPL
IPE	ICE Futures	Energy	LEF	Normal Butane, OPIS Mt. Belvieu Non-TET, Fixed Price Swap (Balmo) Day 6	Fut	Electronic	10.75	USD	FRPL				10.75	0.2	USD	FRPL
IPE	ICE Futures	Energy	LEG	Normal Butane, OPIS Mt. Belvieu Non-TET, Fixed Price Swap (Balmo) Day 7	Fut	Electronic	10.75	USD	FRPL				10.75	0.2	USD	FRPL
IPE	ICE Futures	Energy	LEH	Normal Butane, OPIS Mt. Belvieu Non-TET, Fixed Price Swap (Balmo) Day 8	Fut	Electronic	10.75	USD	FRPL				10.75	0.2	USD	FRPL
IPE	ICE Futures	Energy	LEI	Normal Butane, OPIS Mt. Belvieu Non-TET, Fixed Price Swap (Balmo) Day 9	Fut	Electronic	10.75	USD	FRPL				10.75	0.2	USD	FRPL
IPE	ICE Futures	Energy	LEJ	Normal Butane, OPIS Mt. Belvieu Non-TET, Fixed Price Swap (Balmo) Day 10	Fut	Electronic	10.75	USD	FRPL				10.75	0.2	USD	FRPL
IPE	ICE Futures	Energy	LEK	Normal Butane, OPIS Mt. Belvieu Non-TET, Fixed Price Swap (Balmo) Day 11	Fut	Electronic	10.75	USD	FRPL				10.75	0.2	USD	FRPL
IPE	ICE Futures	Energy	LEL	Normal Butane, OPIS Mt. Belvieu Non-TET, Fixed Price Swap (Balmo) Day 12	Fut	Electronic	10.75	USD	FRPL				10.75	0.2	USD	FRPL
IPE	ICE Futures	Energy	LEM	Normal Butane, OPIS Mt. Belvieu Non-TET, Fixed Price Swap (Balmo) Day 13	Fut	Electronic	10.75	USD	FRPL				10.75	0.2	USD	FRPL
IPE	ICE Futures	Energy	LEN	Normal Butane, OPIS Mt. Belvieu Non-TET, Fixed Price Swap (Balmo) Day 14	Fut	Electronic	10.75	USD	FRPL				10.75	0.2	USD	FRPL
IPE	ICE Futures	Energy	LEO	Normal Butane, OPIS Mt. Belvieu Non-TET, Fixed Price Swap (Balmo) Day 15	Fut	Electronic	10.75	USD	FRPL				10.75	0.2	USD	FRPL
IPE	ICE Futures	Energy	LEP	Normal Butane, OPIS Mt. Belvieu Non-TET, Fixed Price Swap (Balmo) Day 16	Fut	Electronic	10.75	USD	FRPL				10.75	0.2	USD	FRPL
IPE	ICE Futures	Energy	LEQ	Normal Butane, OPIS Mt. Belvieu Non-TET, Fixed Price Swap (Balmo) Day 17	Fut	Electronic	10.75	USD	FRPL				10.75	0.2	USD	FRPL
IPE	ICE Futures	Energy	LER	Normal Butane, OPIS Mt. Belvieu Non-TET, Fixed Price Swap (Balmo) Day 18	Fut	Electronic	10.75	USD	FRPL				10.75	0.2	USD	FRPL
IPE	ICE Futures	Energy	LES	Normal Butane, OPIS Mt. Belvieu Non-TET, Fixed Price Swap (Balmo) Day 19	Fut	Electronic	10.75	USD	FRPL				10.75	0.2	USD	FRPL
IPE	ICE Futures	Energy	LET	Normal Butane, OPIS Mt. Belvieu Non-TET, Fixed Price Swap (Balmo) Day 20	Fut	Electronic	10.75	USD	FRPL				10.75	0.2	USD	FRPL
IPE	ICE Futures	Energy	LEU	Normal Butane, OPIS Mt. Belvieu Non-TET, Fixed Price Swap (Balmo) Day 21	Fut	Electronic	10.75	USD	FRPL				10.75	0.2	USD	FRPL
IPE	ICE Futures	Energy	LEV	Normal Butane, OPIS Mt. Belvieu Non-TET, Fixed Price Swap (Balmo) Day 22	Fut	Electronic	10.75	USD	FRPL				10.75	0.2	USD	FRPL
IPE	ICE Futures	Energy	LEW	Normal Butane, OPIS Mt. Belvieu Non-TET, Fixed Price Swap (Balmo) Day 23	Fut	Electronic	10.75	USD	FRPL				10.75	0.2	USD	FRPL
IPE	ICE Futures	Energy	LEX	Normal Butane, OPIS Mt. Belvieu Non-TET, Fixed Price Swap (Balmo) Day 24	Fut	Electronic	10.75	USD	FRPL				10.75	0.2	USD	FRPL
IPE	ICE Futures	Energy	LEY	Normal Butane, OPIS Mt. Belvieu Non-TET, Fixed Price Swap (Balmo) Day 25	Fut	Electronic	10.75	USD	FRPL				10.75	0.2	USD	FRPL
IPE	ICE Futures	Energy	LEZ	Normal Butane, OPIS Mt. Belvieu Non-TET, Fixed Price Swap (Balmo) Day 26	Fut	Electronic	10.75	USD	FRPL				10.75	0.2	USD	FRPL
IPE	ICE Futures	Energy	LFA	Normal Butane, OPIS Mt. Belvieu Non-TET, Fixed Price Swap (Balmo) Day 27	Fut	Electronic	10.75	USD	FRPL				10.75	0.2	USD	FRPL
IPE	ICE Futures	Energy	LFB	Normal Butane, OPIS Mt. Belvieu Non-TET, Fixed Price Swap (Balmo) Day 28	Fut	Electronic	10.75	USD	FRPL				10.75	0.2	USD	FRPL
IPE	ICE Futures	Energy	LFC	Normal Butane, OPIS Mt. Belvieu Non-TET, Fixed Price Swap (Balmo) Day 29	Fut	Electronic	10.75	USD	FRPL				10.75	0.2	USD	FRPL

Exch Code	Exch Desc	Comm Group	Prod Code	Product Desc	F/O	Platform	Trd Fee	Trd Fee Cur	Trd Fee Meth	Clr Fee	Clr Fee Cur	Clr Fee Meth	Fee Total	Brk Fee	Brk Fee Cur	Brk Fee Meth
IPE	ICE Futures	Energy	LFD	Normal Butane, OPIS Mt. Belvieu Non-TET, Fixed Price Swap (Balmo) Day 30	Fut	Electronic	10.75	USD	FRPL				10.75	0.2	USD	FRPL
IPE	ICE Futures	Energy	LFE	Normal Butane, OPIS Mt. Belvieu Non-TET, Fixed Price Swap (Balmo) Day 31	Fut	Electronic	10.75	USD	FRPL				10.75	0.2	USD	FRPL
IPE	ICE Futures	Energy	LGA	Natural Gasoline, OPIS Mt. Belvieu Non-TET, Fixed Price Swap (Balmo) Day 1	Fut	Electronic	10.75	USD	FRPL				10.75	0.2	USD	FRPL
IPE	ICE Futures	Energy	LGB	Natural Gasoline, OPIS Mt. Belvieu Non-TET, Fixed Price Swap (Balmo) Day 2	Fut	Electronic	10.75	USD	FRPL				10.75	0.2	USD	FRPL
IPE	ICE Futures	Energy	LGC	Natural Gasoline, OPIS Mt. Belvieu Non-TET, Fixed Price Swap (Balmo) Day 3	Fut	Electronic	10.75	USD	FRPL				10.75	0.2	USD	FRPL
IPE	ICE Futures	Energy	LGD	Natural Gasoline, OPIS Mt. Belvieu Non-TET, Fixed Price Swap (Balmo) Day 4	Fut	Electronic	10.75	USD	FRPL				10.75	0.2	USD	FRPL
IPE	ICE Futures	Energy	LGE	Natural Gasoline, OPIS Mt. Belvieu Non-TET, Fixed Price Swap (Balmo) Day 5	Fut	Electronic	10.75	USD	FRPL				10.75	0.2	USD	FRPL
IPE	ICE Futures	Energy	LGF	Natural Gasoline, OPIS Mt. Belvieu Non-TET, Fixed Price Swap (Balmo) Day 6	Fut	Electronic	10.75	USD	FRPL				10.75	0.2	USD	FRPL
IPE	ICE Futures	Energy	LGG	Natural Gasoline, OPIS Mt. Belvieu Non-TET, Fixed Price Swap (Balmo) Day 7	Fut	Electronic	10.75	USD	FRPL				10.75	0.2	USD	FRPL
IPE	ICE Futures	Energy	LGH	Natural Gasoline, OPIS Mt. Belvieu Non-TET, Fixed Price Swap (Balmo) Day 8	Fut	Electronic	10.75	USD	FRPL				10.75	0.2	USD	FRPL
IPE	ICE Futures	Energy	LGI	Natural Gasoline, OPIS Mt. Belvieu Non-TET, Fixed Price Swap (Balmo) Day 9	Fut	Electronic	10.75	USD	FRPL				10.75	0.2	USD	FRPL
IPE	ICE Futures	Energy	LGJ	Natural Gasoline, OPIS Mt. Belvieu Non-TET, Fixed Price Swap (Balmo) Day 10	Fut	Electronic	10.75	USD	FRPL				10.75	0.2	USD	FRPL
IPE	ICE Futures	Energy	LGK	Natural Gasoline, OPIS Mt. Belvieu Non-TET, Fixed Price Swap (Balmo) Day 11	Fut	Electronic	10.75	USD	FRPL				10.75	0.2	USD	FRPL
IPE	ICE Futures	Energy	LGL	Natural Gasoline, OPIS Mt. Belvieu Non-TET, Fixed Price Swap (Balmo) Day 12	Fut	Electronic	10.75	USD	FRPL				10.75	0.2	USD	FRPL
IPE	ICE Futures	Energy	LGM	Natural Gasoline, OPIS Mt. Belvieu Non-TET, Fixed Price Swap (Balmo) Day 13	Fut	Electronic	10.75	USD	FRPL				10.75	0.2	USD	FRPL
IPE	ICE Futures	Energy	LGN	Natural Gasoline, OPIS Mt. Belvieu Non-TET, Fixed Price Swap (Balmo) Day 14	Fut	Electronic	10.75	USD	FRPL				10.75	0.2	USD	FRPL
IPE	ICE Futures	Energy	LGO	Natural Gasoline, OPIS Mt. Belvieu Non-TET, Fixed Price Swap (Balmo) Day 15	Fut	Electronic	10.75	USD	FRPL				10.75	0.2	USD	FRPL
IPE	ICE Futures	Energy	LGP	Natural Gasoline, OPIS Mt. Belvieu Non-TET, Fixed Price Swap (Balmo) Day 16	Fut	Electronic	10.75	USD	FRPL				10.75	0.2	USD	FRPL
IPE	ICE Futures	Energy	LGQ	Natural Gasoline, OPIS Mt. Belvieu Non-TET, Fixed Price Swap (Balmo) Day 17	Fut	Electronic	10.75	USD	FRPL				10.75	0.2	USD	FRPL
IPE	ICE Futures	Energy	LGR	Natural Gasoline, OPIS Mt. Belvieu Non-TET, Fixed Price Swap (Balmo) Day 18	Fut	Electronic	10.75	USD	FRPL				10.75	0.2	USD	FRPL
IPE	ICE Futures	Energy	LGS	Natural Gasoline, OPIS Mt. Belvieu Non-TET, Fixed Price Swap (Balmo) Day 19	Fut	Electronic	10.75	USD	FRPL				10.75	0.2	USD	FRPL
IPE	ICE Futures	Energy	LGT	Natural Gasoline, OPIS Mt. Belvieu Non-TET, Fixed Price Swap (Balmo) Day 20	Fut	Electronic	10.75	USD	FRPL				10.75	0.2	USD	FRPL
IPE	ICE Futures	Energy	LGU	Natural Gasoline, OPIS Mt. Belvieu Non-TET, Fixed Price Swap (Balmo) Day 21	Fut	Electronic	10.75	USD	FRPL				10.75	0.2	USD	FRPL
IPE	ICE Futures	Energy	LGV	Natural Gasoline, OPIS Mt. Belvieu Non-TET, Fixed Price Swap (Balmo) Day 22	Fut	Electronic	10.75	USD	FRPL				10.75	0.2	USD	FRPL
IPE	ICE Futures	Energy	LGW	Natural Gasoline, OPIS Mt. Belvieu Non-TET, Fixed Price Swap (Balmo) Day 23	Fut	Electronic	10.75	USD	FRPL				10.75	0.2	USD	FRPL
IPE	ICE Futures	Energy	LGX	Natural Gasoline, OPIS Mt. Belvieu Non-TET, Fixed Price Swap (Balmo) Day 24	Fut	Electronic	10.75	USD	FRPL				10.75	0.2	USD	FRPL
IPE	ICE Futures	Energy	LGY	Natural Gasoline, OPIS Mt. Belvieu Non-TET, Fixed Price Swap (Balmo) Day 25	Fut	Electronic	10.75	USD	FRPL				10.75	0.2	USD	FRPL
IPE	ICE Futures	Energy	LGZ	Natural Gasoline, OPIS Mt. Belvieu Non-TET, Fixed Price Swap (Balmo) Day 26	Fut	Electronic	10.75	USD	FRPL				10.75	0.2	USD	FRPL
IPE	ICE Futures	Energy	LHA	Natural Gasoline, OPIS Mt. Belvieu Non-TET, Fixed Price Swap (Balmo) Day 27	Fut	Electronic	10.75	USD	FRPL				10.75	0.2	USD	FRPL

Exch Code	Exch Desc	Comm Group	Prod Code	Product Desc	F/O	Platform	Trd Fee	Trd Fee Cur	Trd Fee Meth	Clr Fee	Clr Fee Cur	Clr Fee Meth	Fee Total	Brk Fee	Brk Fee Cur	Brk Fee Meth
IPE	ICE Futures	Energy	LHB	Natural Gasoline, OPIS Mt. Belvieu Non-TET, Fixed Price Swap (Balmo) Day 28	Fut	Electronic	10.75	USD	FRPL				10.75	0.2	USD	FRPL
IPE	ICE Futures	Energy	LHC	Natural Gasoline, OPIS Mt. Belvieu Non-TET, Fixed Price Swap (Balmo) Day 29	Fut	Electronic	10.75	USD	FRPL				10.75	0.2	USD	FRPL
IPE	ICE Futures	Energy	LHD	Natural Gasoline, OPIS Mt. Belvieu Non-TET, Fixed Price Swap (Balmo) Day 30	Fut	Electronic	10.75	USD	FRPL				10.75	0.2	USD	FRPL
IPE	ICE Futures	Energy	LHE	Natural Gasoline, OPIS Mt. Belvieu Non-TET, Fixed Price Swap (Balmo) Day 31	Fut	Electronic	10.75	USD	FRPL				10.75	0.2	USD	FRPL
IPE	ICE Futures	Energy	LIA	Propane, OPIS Conway In-Well, Fixed Price Swap (Balmo) Day 1	Fut	Electronic	10.75	USD	FRPL				10.75	0.2	USD	FRPL
IPE	ICE Futures	Energy	LIB	Propane, OPIS Conway In-Well, Fixed Price Swap (Balmo) Day 2	Fut	Electronic	10.75	USD	FRPL				10.75	0.2	USD	FRPL
IPE	ICE Futures	Energy	LIC	Propane, OPIS Conway In-Well, Fixed Price Swap (Balmo) Day 3	Fut	Electronic	10.75	USD	FRPL				10.75	0.2	USD	FRPL
IPE	ICE Futures	Energy	LID	Propane, OPIS Conway In-Well, Fixed Price Swap (Balmo) Day 4	Fut	Electronic	10.75	USD	FRPL				10.75	0.2	USD	FRPL
IPE	ICE Futures	Energy	LIE	Propane, OPIS Conway In-Well, Fixed Price Swap (Balmo) Day 5	Fut	Electronic	10.75	USD	FRPL				10.75	0.2	USD	FRPL
IPE	ICE Futures	Energy	LIF	Propane, OPIS Conway In-Well, Fixed Price Swap (Balmo) Day 6	Fut	Electronic	10.75	USD	FRPL				10.75	0.2	USD	FRPL
IPE	ICE Futures	Energy	LIG	Propane, OPIS Conway In-Well, Fixed Price Swap (Balmo) Day 7	Fut	Electronic	10.75	USD	FRPL				10.75	0.2	USD	FRPL
IPE	ICE Futures	Energy	LIH	Propane, OPIS Conway In-Well, Fixed Price Swap (Balmo) Day 8	Fut	Electronic	10.75	USD	FRPL				10.75	0.2	USD	FRPL
IPE	ICE Futures	Energy	LII	Propane, OPIS Conway In-Well, Fixed Price Swap (Balmo) Day 9	Fut	Electronic	10.75	USD	FRPL				10.75	0.2	USD	FRPL
IPE	ICE Futures	Energy	LIJ	Propane, OPIS Conway In-Well, Fixed Price Swap (Balmo) Day 10	Fut	Electronic	10.75	USD	FRPL				10.75	0.2	USD	FRPL
IPE	ICE Futures	Energy	LIK	Propane, OPIS Conway In-Well, Fixed Price Swap (Balmo) Day 11	Fut	Electronic	10.75	USD	FRPL				10.75	0.2	USD	FRPL
IPE	ICE Futures	Energy	LIL	Propane, OPIS Conway In-Well, Fixed Price Swap (Balmo) Day 12	Fut	Electronic	10.75	USD	FRPL				10.75	0.2	USD	FRPL
IPE	ICE Futures	Energy	LIM	Propane, OPIS Conway In-Well, Fixed Price Swap (Balmo) Day 13	Fut	Electronic	10.75	USD	FRPL				10.75	0.2	USD	FRPL
IPE	ICE Futures	Energy	LIN	Propane, OPIS Conway In-Well, Fixed Price Swap (Balmo) Day 14	Fut	Electronic	10.75	USD	FRPL				10.75	0.2	USD	FRPL
IPE	ICE Futures	Energy	LIO	Propane, OPIS Conway In-Well, Fixed Price Swap (Balmo) Day 15	Fut	Electronic	10.75	USD	FRPL				10.75	0.2	USD	FRPL
IPE	ICE Futures	Energy	LIP	Propane, OPIS Conway In-Well, Fixed Price Swap (Balmo) Day 16	Fut	Electronic	10.75	USD	FRPL				10.75	0.2	USD	FRPL
IPE	ICE Futures	Energy	LIQ	Propane, OPIS Conway In-Well, Fixed Price Swap (Balmo) Day 17	Fut	Electronic	10.75	USD	FRPL				10.75	0.2	USD	FRPL
IPE	ICE Futures	Energy	LIR	Propane, OPIS Conway In-Well, Fixed Price Swap (Balmo) Day 18	Fut	Electronic	10.75	USD	FRPL				10.75	0.2	USD	FRPL
IPE	ICE Futures	Energy	LIS	Propane, OPIS Conway In-Well, Fixed Price Swap (Balmo) Day 19	Fut	Electronic	10.75	USD	FRPL				10.75	0.2	USD	FRPL
IPE	ICE Futures	Energy	LIT	Propane, OPIS Conway In-Well, Fixed Price Swap (Balmo) Day 20	Fut	Electronic	10.75	USD	FRPL				10.75	0.2	USD	FRPL
IPE	ICE Futures	Energy	LIU	Propane, OPIS Conway In-Well, Fixed Price Swap (Balmo) Day 21	Fut	Electronic	10.75	USD	FRPL				10.75	0.2	USD	FRPL
IPE	ICE Futures	Energy	LIV	Propane, OPIS Conway In-Well, Fixed Price Swap (Balmo) Day 22	Fut	Electronic	10.75	USD	FRPL				10.75	0.2	USD	FRPL
IPE	ICE Futures	Energy	LIW	Propane, OPIS Conway In-Well, Fixed Price Swap (Balmo) Day 23	Fut	Electronic	10.75	USD	FRPL				10.75	0.2	USD	FRPL
IPE	ICE Futures	Energy	LIX	Propane, OPIS Conway In-Well, Fixed Price Swap (Balmo) Day 24	Fut	Electronic	10.75	USD	FRPL				10.75	0.2	USD	FRPL
IPE	ICE Futures	Energy	LIY	Propane, OPIS Conway In-Well, Fixed Price Swap (Balmo) Day 25	Fut	Electronic	10.75	USD	FRPL				10.75	0.2	USD	FRPL

Exch Code	Exch Desc	Comm Group	Prod Code	Product Desc	F/O	Platform	Trd Fee	Trd Fee Cur	Trd Fee Meth	Clr Fee	Clr Fee Cur	Clr Fee Meth	Fee Total	Brk Fee	Brk Fee Cur	Brk Fee Meth
IPE	ICE Futures	Energy	LIZ	Propane, OPIS Conway In-Well, Fixed Price Swap (Balmo) Day 26	Fut	Electronic	10.75	USD	FRPL				10.75	0.2	USD	FRPL
IPE	ICE Futures	Energy	LJA	Propane, OPIS Conway In-Well, Fixed Price Swap (Balmo) Day 27	Fut	Electronic	10.75	USD	FRPL				10.75	0.2	USD	FRPL
IPE	ICE Futures	Energy	LJB	Propane, OPIS Conway In-Well, Fixed Price Swap (Balmo) Day 28	Fut	Electronic	10.75	USD	FRPL				10.75	0.2	USD	FRPL
IPE	ICE Futures	Energy	LJC	Propane, OPIS Conway In-Well, Fixed Price Swap (Balmo) Day 29	Fut	Electronic	10.75	USD	FRPL				10.75	0.2	USD	FRPL
IPE	ICE Futures	Energy	LJD	Propane, OPIS Conway In-Well, Fixed Price Swap (Balmo) Day 30	Fut	Electronic	10.75	USD	FRPL				10.75	0.2	USD	FRPL
IPE	ICE Futures	Energy	LJE	Propane, OPIS Conway In-Well, Fixed Price Swap (Balmo) Day 31	Fut	Electronic	10.75	USD	FRPL				10.75	0.2	USD	FRPL
IPE	ICE Futures	Energy	LJF	Natural Gasoline, OPIS Conway In-Well, Fixed Price Swap (Balmo) Day 1	Fut	Electronic	10.75	USD	FRPL				10.75	0.2	USD	FRPL
IPE	ICE Futures	Energy	LJG	Natural Gasoline, OPIS Conway In-Well, Fixed Price Swap (Balmo) Day 2	Fut	Electronic	10.75	USD	FRPL				10.75	0.2	USD	FRPL
IPE	ICE Futures	Energy	LJH	Natural Gasoline, OPIS Conway In-Well, Fixed Price Swap (Balmo) Day 3	Fut	Electronic	10.75	USD	FRPL				10.75	0.2	USD	FRPL
IPE	ICE Futures	Energy	LJI	Natural Gasoline, OPIS Conway In-Well, Fixed Price Swap (Balmo) Day 4	Fut	Electronic	10.75	USD	FRPL				10.75	0.2	USD	FRPL
IPE	ICE Futures	Energy	LJJ	Natural Gasoline, OPIS Conway In-Well, Fixed Price Swap (Balmo) Day 5	Fut	Electronic	10.75	USD	FRPL				10.75	0.2	USD	FRPL
IPE	ICE Futures	Energy	LJK	Natural Gasoline, OPIS Conway In-Well, Fixed Price Swap (Balmo) Day 6	Fut	Electronic	10.75	USD	FRPL				10.75	0.2	USD	FRPL
IPE	ICE Futures	Energy	LJL	Natural Gasoline, OPIS Conway In-Well, Fixed Price Swap (Balmo) Day 7	Fut	Electronic	10.75	USD	FRPL				10.75	0.2	USD	FRPL
IPE	ICE Futures	Energy	LJM	Natural Gasoline, OPIS Conway In-Well, Fixed Price Swap (Balmo) Day 8	Fut	Electronic	10.75	USD	FRPL				10.75	0.2	USD	FRPL
IPE	ICE Futures	Energy	LJN	Natural Gasoline, OPIS Conway In-Well, Fixed Price Swap (Balmo) Day 9	Fut	Electronic	10.75	USD	FRPL				10.75	0.2	USD	FRPL
IPE	ICE Futures	Energy	LJO	Natural Gasoline, OPIS Conway In-Well, Fixed Price Swap (Balmo) Day 10	Fut	Electronic	10.75	USD	FRPL				10.75	0.2	USD	FRPL
IPE	ICE Futures	Energy	LJP	Natural Gasoline, OPIS Conway In-Well, Fixed Price Swap (Balmo) Day 11	Fut	Electronic	10.75	USD	FRPL				10.75	0.2	USD	FRPL
IPE	ICE Futures	Energy	LJQ	Natural Gasoline, OPIS Conway In-Well, Fixed Price Swap (Balmo) Day 12	Fut	Electronic	10.75	USD	FRPL				10.75	0.2	USD	FRPL
IPE	ICE Futures	Energy	LJR	Natural Gasoline, OPIS Conway In-Well, Fixed Price Swap (Balmo) Day 13	Fut	Electronic	10.75	USD	FRPL				10.75	0.2	USD	FRPL
IPE	ICE Futures	Energy	LJS	Natural Gasoline, OPIS Conway In-Well, Fixed Price Swap (Balmo) Day 14	Fut	Electronic	10.75	USD	FRPL				10.75	0.2	USD	FRPL
IPE	ICE Futures	Energy	LJT	Natural Gasoline, OPIS Conway In-Well, Fixed Price Swap (Balmo) Day 15	Fut	Electronic	10.75	USD	FRPL				10.75	0.2	USD	FRPL
IPE	ICE Futures	Energy	LJU	Natural Gasoline, OPIS Conway In-Well, Fixed Price Swap (Balmo) Day 16	Fut	Electronic	10.75	USD	FRPL				10.75	0.2	USD	FRPL
IPE	ICE Futures	Energy	LJV	Natural Gasoline, OPIS Conway In-Well, Fixed Price Swap (Balmo) Day 17	Fut	Electronic	10.75	USD	FRPL				10.75	0.2	USD	FRPL
IPE	ICE Futures	Energy	LJW	Natural Gasoline, OPIS Conway In-Well, Fixed Price Swap (Balmo) Day 18	Fut	Electronic	10.75	USD	FRPL				10.75	0.2	USD	FRPL
IPE	ICE Futures	Energy	LJX	Natural Gasoline, OPIS Conway In-Well, Fixed Price Swap (Balmo) Day 19	Fut	Electronic	10.75	USD	FRPL				10.75	0.2	USD	FRPL
IPE	ICE Futures	Energy	LJY	Natural Gasoline, OPIS Conway In-Well, Fixed Price Swap (Balmo) Day 20	Fut	Electronic	10.75	USD	FRPL				10.75	0.2	USD	FRPL
IPE	ICE Futures	Energy	LJZ	Natural Gasoline, OPIS Conway In-Well, Fixed Price Swap (Balmo) Day 21	Fut	Electronic	10.75	USD	FRPL				10.75	0.2	USD	FRPL
IPE	ICE Futures	Energy	LKA	Natural Gasoline, OPIS Conway In-Well, Fixed Price Swap (Balmo) Day 22	Fut	Electronic	10.75	USD	FRPL				10.75	0.2	USD	FRPL
IPE	ICE Futures	Energy	LKB	Natural Gasoline, OPIS Conway In-Well, Fixed Price Swap (Balmo) Day 23	Fut	Electronic	10.75	USD	FRPL				10.75	0.2	USD	FRPL

Exch Code	Exch Desc	Comm Group	Prod Code	Product Desc	F/O	Platform	Trd Fee	Trd Fee Cur	Trd Fee Meth	Clr Fee	Clr Fee Cur	Clr Fee Meth	Fee Total	Brk Fee	Brk Fee Cur	Brk Fee Meth
IPE	ICE Futures	Energy	LKC	Natural Gasoline, OPIS Conway In-Well, Fixed Price Swap (Balmo) Day 24	Fut	Electronic	10.75	USD	FRPL				10.75	0.2	USD	FRPL
IPE	ICE Futures	Energy	LKD	Natural Gasoline, OPIS Conway In-Well, Fixed Price Swap (Balmo) Day 25	Fut	Electronic	10.75	USD	FRPL				10.75	0.2	USD	FRPL
IPE	ICE Futures	Energy	LKE	Natural Gasoline, OPIS Conway In-Well, Fixed Price Swap (Balmo) Day 26	Fut	Electronic	10.75	USD	FRPL				10.75	0.2	USD	FRPL
IPE	ICE Futures	Energy	LKF	Natural Gasoline, OPIS Conway In-Well, Fixed Price Swap (Balmo) Day 27	Fut	Electronic	10.75	USD	FRPL				10.75	0.2	USD	FRPL
IPE	ICE Futures	Energy	LKG	Natural Gasoline, OPIS Conway In-Well, Fixed Price Swap (Balmo) Day 28	Fut	Electronic	10.75	USD	FRPL				10.75	0.2	USD	FRPL
IPE	ICE Futures	Energy	LKH	Natural Gasoline, OPIS Conway In-Well, Fixed Price Swap (Balmo) Day 29	Fut	Electronic	10.75	USD	FRPL				10.75	0.2	USD	FRPL
IPE	ICE Futures	Energy	LKI	Natural Gasoline, OPIS Conway In-Well, Fixed Price Swap (Balmo) Day 30	Fut	Electronic	10.75	USD	FRPL				10.75	0.2	USD	FRPL
IPE	ICE Futures	Energy	LKJ	Natural Gasoline, OPIS Conway In-Well, Fixed Price Swap (Balmo) Day 31	Fut	Electronic	10.75	USD	FRPL				10.75	0.2	USD	FRPL
IPE	ICE Futures	Energy	LKK	Normal Butane, OPIS Conway In-Well, Fixed Price Swap (Balmo) Day 1	Fut	Electronic	10.75	USD	FRPL				10.75	0.2	USD	FRPL
IPE	ICE Futures	Energy	LKL	Normal Butane, OPIS Conway In-Well, Fixed Price Swap (Balmo) Day 2	Fut	Electronic	10.75	USD	FRPL				10.75	0.2	USD	FRPL
IPE	ICE Futures	Energy	LKM	Normal Butane, OPIS Conway In-Well, Fixed Price Swap (Balmo) Day 3	Fut	Electronic	10.75	USD	FRPL				10.75	0.2	USD	FRPL
IPE	ICE Futures	Energy	LKN	Normal Butane, OPIS Conway In-Well, Fixed Price Swap (Balmo) Day 4	Fut	Electronic	10.75	USD	FRPL				10.75	0.2	USD	FRPL
IPE	ICE Futures	Energy	LKO	Normal Butane, OPIS Conway In-Well, Fixed Price Swap (Balmo) Day 5	Fut	Electronic	10.75	USD	FRPL				10.75	0.2	USD	FRPL
IPE	ICE Futures	Energy	LKP	Normal Butane, OPIS Conway In-Well, Fixed Price Swap (Balmo) Day 6	Fut	Electronic	10.75	USD	FRPL				10.75	0.2	USD	FRPL
IPE	ICE Futures	Energy	LKQ	Normal Butane, OPIS Conway In-Well, Fixed Price Swap (Balmo) Day 7	Fut	Electronic	10.75	USD	FRPL				10.75	0.2	USD	FRPL
IPE	ICE Futures	Energy	LKR	Normal Butane, OPIS Conway In-Well, Fixed Price Swap (Balmo) Day 8	Fut	Electronic	10.75	USD	FRPL				10.75	0.2	USD	FRPL
IPE	ICE Futures	Energy	LKS	Normal Butane, OPIS Conway In-Well, Fixed Price Swap (Balmo) Day 9	Fut	Electronic	10.75	USD	FRPL				10.75	0.2	USD	FRPL
IPE	ICE Futures	Energy	LKT	Normal Butane, OPIS Conway In-Well, Fixed Price Swap (Balmo) Day 10	Fut	Electronic	10.75	USD	FRPL				10.75	0.2	USD	FRPL
IPE	ICE Futures	Energy	LKU	Normal Butane, OPIS Conway In-Well, Fixed Price Swap (Balmo) Day 11	Fut	Electronic	10.75	USD	FRPL				10.75	0.2	USD	FRPL
IPE	ICE Futures	Energy	LKV	Normal Butane, OPIS Conway In-Well, Fixed Price Swap (Balmo) Day 12	Fut	Electronic	10.75	USD	FRPL				10.75	0.2	USD	FRPL
IPE	ICE Futures	Energy	LKW	Normal Butane, OPIS Conway In-Well, Fixed Price Swap (Balmo) Day 13	Fut	Electronic	10.75	USD	FRPL				10.75	0.2	USD	FRPL
IPE	ICE Futures	Energy	LKX	Normal Butane, OPIS Conway In-Well, Fixed Price Swap (Balmo) Day 14	Fut	Electronic	10.75	USD	FRPL				10.75	0.2	USD	FRPL
IPE	ICE Futures	Energy	LKY	Normal Butane, OPIS Conway In-Well, Fixed Price Swap (Balmo) Day 15	Fut	Electronic	10.75	USD	FRPL				10.75	0.2	USD	FRPL
IPE	ICE Futures	Energy	LKZ	Normal Butane, OPIS Conway In-Well, Fixed Price Swap (Balmo) Day 16	Fut	Electronic	10.75	USD	FRPL				10.75	0.2	USD	FRPL
IPE	ICE Futures	Energy	LLA	Normal Butane, OPIS Conway In-Well, Fixed Price Swap (Balmo) Day 17	Fut	Electronic	10.75	USD	FRPL				10.75	0.2	USD	FRPL
IPE	ICE Futures	Energy	LLB	Normal Butane, OPIS Conway In-Well, Fixed Price Swap (Balmo) Day 18	Fut	Electronic	10.75	USD	FRPL				10.75	0.2	USD	FRPL
IPE	ICE Futures	Energy	LLC	Normal Butane, OPIS Conway In-Well, Fixed Price Swap (Balmo) Day 19	Fut	Electronic	10.75	USD	FRPL				10.75	0.2	USD	FRPL
IPE	ICE Futures	Energy	LLD	Normal Butane, OPIS Conway In-Well, Fixed Price Swap (Balmo) Day 20	Fut	Electronic	10.75	USD	FRPL				10.75	0.2	USD	FRPL
IPE	ICE Futures	Energy	LLE	Normal Butane, OPIS Conway In-Well, Fixed Price Swap (Balmo) Day 21	Fut	Electronic	10.75	USD	FRPL				10.75	0.2	USD	FRPL

Exch Code	Exch Desc	Comm Group	Prod Code	Product Desc	F/O	Platform	Trd Fee	Trd Fee Cur	Trd Fee Meth	Clr Fee	Clr Fee Cur	Clr Fee Meth	Fee Total	Brk Fee	Brk Fee Cur	Brk Fee Meth
IPE	ICE Futures	Energy	LLF	Normal Butane, OPIS Conway In-Well, Fixed Price Swap (Balmo) Day 22	Fut	Electronic	10.75	USD	FRPL				10.75	0.2	USD	FRPL
IPE	ICE Futures	Energy	LLG	Normal Butane, OPIS Conway In-Well, Fixed Price Swap (Balmo) Day 23	Fut	Electronic	10.75	USD	FRPL				10.75	0.2	USD	FRPL
IPE	ICE Futures	Energy	LLH	Normal Butane, OPIS Conway In-Well, Fixed Price Swap (Balmo) Day 24	Fut	Electronic	10.75	USD	FRPL				10.75	0.2	USD	FRPL
IPE	ICE Futures	Energy	LLI	Normal Butane, OPIS Conway In-Well, Fixed Price Swap (Balmo) Day 25	Fut	Electronic	10.75	USD	FRPL				10.75	0.2	USD	FRPL
IPE	ICE Futures	Energy	LLJ	Normal Butane, OPIS Conway In-Well, Fixed Price Swap (Balmo) Day 26	Fut	Electronic	10.75	USD	FRPL				10.75	0.2	USD	FRPL
IPE	ICE Futures	Energy	LLK	Normal Butane, OPIS Conway In-Well, Fixed Price Swap (Balmo) Day 27	Fut	Electronic	10.75	USD	FRPL				10.75	0.2	USD	FRPL
IPE	ICE Futures	Energy	LLL	Normal Butane, OPIS Conway In-Well, Fixed Price Swap (Balmo) Day 28	Fut	Electronic	10.75	USD	FRPL				10.75	0.2	USD	FRPL
IPE	ICE Futures	Energy	LLM	Normal Butane, OPIS Conway In-Well, Fixed Price Swap (Balmo) Day 29	Fut	Electronic	10.75	USD	FRPL				10.75	0.2	USD	FRPL
IPE	ICE Futures	Energy	LLN	Normal Butane, OPIS Conway In-Well, Fixed Price Swap (Balmo) Day 30	Fut	Electronic	10.75	USD	FRPL				10.75	0.2	USD	FRPL
IPE	ICE Futures	Energy	LLO	Normal Butane, OPIS Conway In-Well, Fixed Price Swap (Balmo) Day 31	Fut	Electronic	10.75	USD	FRPL				10.75	0.2	USD	FRPL
IPE	ICE Futures	Energy	LLP	Propane, Argus Far East, Fixed Price Swap (Balmo) Day 1	Fut	Electronic	108	USD	FRPL				108	0.2	USD	FRPL
IPE	ICE Futures	Energy	LLQ	Propane, Argus Far East, Fixed Price Swap (Balmo) Day 2	Fut	Electronic	108	USD	FRPL				108	0.2	USD	FRPL
IPE	ICE Futures	Energy	LLR	Propane, Argus Far East, Fixed Price Swap (Balmo) Day 3	Fut	Electronic	108	USD	FRPL				108	0.2	USD	FRPL
IPE	ICE Futures	Energy	LLS	Propane, Argus Far East, Fixed Price Swap (Balmo) Day 4	Fut	Electronic	108	USD	FRPL				108	0.2	USD	FRPL
IPE	ICE Futures	Energy	LLT	Propane, Argus Far East, Fixed Price Swap (Balmo) Day 5	Fut	Electronic	108	USD	FRPL				108	0.2	USD	FRPL
IPE	ICE Futures	Energy	LLU	Propane, Argus Far East, Fixed Price Swap (Balmo) Day 6	Fut	Electronic	108	USD	FRPL				108	0.2	USD	FRPL
IPE	ICE Futures	Energy	LLV	Propane, Argus Far East, Fixed Price Swap (Balmo) Day 7	Fut	Electronic	108	USD	FRPL				108	0.2	USD	FRPL
IPE	ICE Futures	Energy	LLW	Propane, Argus Far East, Fixed Price Swap (Balmo) Day 8	Fut	Electronic	108	USD	FRPL				108	0.2	USD	FRPL
IPE	ICE Futures	Energy	LLX	Propane, Argus Far East, Fixed Price Swap (Balmo) Day 9	Fut	Electronic	108	USD	FRPL				108	0.2	USD	FRPL
IPE	ICE Futures	Energy	LLY	Propane, Argus Far East, Fixed Price Swap (Balmo) Day 10	Fut	Electronic	108	USD	FRPL				108	0.2	USD	FRPL
IPE	ICE Futures	Energy	LLZ	Propane, Argus Far East, Fixed Price Swap (Balmo) Day 11	Fut	Electronic	108	USD	FRPL				108	0.2	USD	FRPL
IPE	ICE Futures	Energy	LMA	Propane, Argus Far East, Fixed Price Swap (Balmo) Day 12	Fut	Electronic	108	USD	FRPL				108	0.2	USD	FRPL
IPE	ICE Futures	Energy	LMB	Propane, Argus Far East, Fixed Price Swap (Balmo) Day 13	Fut	Electronic	108	USD	FRPL				108	0.2	USD	FRPL
IPE	ICE Futures	Energy	LMC	Propane, Argus Far East, Fixed Price Swap (Balmo) Day 14	Fut	Electronic	108	USD	FRPL				108	0.2	USD	FRPL
IPE	ICE Futures	Energy	LMD	Propane, Argus Far East, Fixed Price Swap (Balmo) Day 15	Fut	Electronic	108	USD	FRPL				108	0.2	USD	FRPL
IPE	ICE Futures	Energy	LME	Propane, Argus Far East, Fixed Price Swap (Balmo) Day 16	Fut	Electronic	108	USD	FRPL				108	0.2	USD	FRPL
IPE	ICE Futures	Energy	LMF	Propane, Argus Far East, Fixed Price Swap (Balmo) Day 17	Fut	Electronic	108	USD	FRPL				108	0.2	USD	FRPL
IPE	ICE Futures	Energy	LMG	Propane, Argus Far East, Fixed Price Swap (Balmo) Day 18	Fut	Electronic	108	USD	FRPL				108	0.2	USD	FRPL
IPE	ICE Futures	Energy	LMH	Propane, Argus Far East, Fixed Price Swap (Balmo) Day 19	Fut	Electronic	108	USD	FRPL				108	0.2	USD	FRPL
IPE	ICE Futures	Energy	LMI	Propane, Argus Far East, Fixed Price Swap (Balmo) Day 20	Fut	Electronic	108	USD	FRPL				108	0.2	USD	FRPL
IPE	ICE Futures	Energy	LMJ	Propane, Argus Far East, Fixed Price Swap (Balmo) Day 21	Fut	Electronic	108	USD	FRPL				108	0.2	USD	FRPL
IPE	ICE Futures	Energy	LMK	Propane, Argus Far East, Fixed Price Swap (Balmo) Day 22	Fut	Electronic	108	USD	FRPL				108	0.2	USD	FRPL
IPE	ICE Futures	Energy	LML	Propane, Argus Far East, Fixed Price Swap (Balmo) Day 23	Fut	Electronic	108	USD	FRPL				108	0.2	USD	FRPL
IPE	ICE Futures	Energy	LMM	Propane, Argus Far East, Fixed Price Swap (Balmo) Day 24	Fut	Electronic	108	USD	FRPL				108	0.2	USD	FRPL
IPE	ICE Futures	Energy	LMN	Propane, Argus Far East, Fixed Price Swap (Balmo) Day 25	Fut	Electronic	108	USD	FRPL				108	0.2	USD	FRPL
IPE	ICE Futures	Energy	LMO	Propane, Argus Far East, Fixed Price Swap (Balmo) Day 26	Fut	Electronic	108	USD	FRPL				108	0.2	USD	FRPL
IPE	ICE Futures	Energy	LMP	Propane, Argus Far East, Fixed Price Swap (Balmo) Day 27	Fut	Electronic	108	USD	FRPL				108	0.2	USD	FRPL
IPE	ICE Futures	Energy	LMQ	Propane, Argus Far East, Fixed Price Swap (Balmo) Day 28	Fut	Electronic	108	USD	FRPL				108	0.2	USD	FRPL
IPE	ICE Futures	Energy	LMR	Propane, Argus Far East, Fixed Price Swap (Balmo) Day 29	Fut	Electronic	108	USD	FRPL				108	0.2	USD	FRPL
IPE	ICE Futures	Energy	LMS	Propane, Argus Far East, Fixed Price Swap (Balmo) Day 30	Fut	Electronic	108	USD	FRPL				108	0.2	USD	FRPL
IPE	ICE Futures	Energy	LMT	Propane, Argus Far East, Fixed Price Swap (Balmo) Day 31	Fut	Electronic	108	USD	FRPL				108	0.2	USD	FRPL
IPE	ICE Futures	Energy	LMU	Propane, Argus CIF ARA, Fixed Price Swap (Balmo) Day 1	Fut	Electronic	108	USD	FRPL				108	0.2	USD	FRPL
IPE	ICE Futures	Energy	LMV	Propane, Argus CIF ARA, Fixed Price Swap (Balmo) Day 2	Fut	Electronic	108	USD	FRPL				108	0.2	USD	FRPL
IPE	ICE Futures	Energy	LMW	Propane, Argus CIF ARA, Fixed Price Swap (Balmo) Day 3	Fut	Electronic	108	USD	FRPL				108	0.2	USD	FRPL
IPE	ICE Futures	Energy	LMX	Propane, Argus CIF ARA, Fixed Price Swap (Balmo) Day 4	Fut	Electronic	108	USD	FRPL				108	0.2	USD	FRPL
IPE	ICE Futures	Energy	LMY	Propane, Argus CIF ARA, Fixed Price Swap (Balmo) Day 5	Fut	Electronic	108	USD	FRPL				108	0.2	USD	FRPL
IPE	ICE Futures	Energy	LMZ	Propane, Argus CIF ARA, Fixed Price Swap (Balmo) Day 6	Fut	Electronic	108	USD	FRPL				108	0.2	USD	FRPL
IPE	ICE Futures	Energy	LNA	Propane, Argus CIF ARA, Fixed Price Swap (Balmo) Day 7	Fut	Electronic	108	USD	FRPL				108	0.2	USD	FRPL
IPE	ICE Futures	Energy	LNB	Propane, Argus CIF ARA, Fixed Price Swap (Balmo) Day 8	Fut	Electronic	108	USD	FRPL				108	0.2	USD	FRPL

Exch Code	Exch Desc	Comm Group	Prod Code	Product Desc	F/O	Platform	Trd Fee	Trd Fee Cur	Trd Fee Meth	Clr Fee	Clr Fee Cur	Clr Fee Meth	Fee Total	Brk Fee	Brk Fee Cur	Brk Fee Meth
IPE	ICE Futures	Energy	LNC	Propane, Argus CIF ARA, Fixed Price Swap (Balmo) Day 9	Fut	Electronic	108	USD	FRPL				108	0.2	USD	FRPL
IPE	ICE Futures	Energy	LND	Propane, Argus CIF ARA, Fixed Price Swap (Balmo) Day 10	Fut	Electronic	108	USD	FRPL				108	0.2	USD	FRPL
IPE	ICE Futures	Energy	LNE	Propane, Argus CIF ARA, Fixed Price Swap (Balmo) Day 11	Fut	Electronic	108	USD	FRPL				108	0.2	USD	FRPL
IPE	ICE Futures	Energy	LNF	Propane, Argus CIF ARA, Fixed Price Swap (Balmo) Day 12	Fut	Electronic	108	USD	FRPL				108	0.2	USD	FRPL
IPE	ICE Futures	Energy	LNG	Propane, Argus CIF ARA, Fixed Price Swap (Balmo) Day 13	Fut	Electronic	108	USD	FRPL				108	0.2	USD	FRPL
IPE	ICE Futures	Energy	LNH	Propane, Argus CIF ARA, Fixed Price Swap (Balmo) Day 14	Fut	Electronic	108	USD	FRPL				108	0.2	USD	FRPL
IPE	ICE Futures	Energy	LNI	Propane, Argus CIF ARA, Fixed Price Swap (Balmo) Day 15	Fut	Electronic	108	USD	FRPL				108	0.2	USD	FRPL
IPE	ICE Futures	Energy	LNJ	Propane, Argus CIF ARA, Fixed Price Swap (Balmo) Day 16	Fut	Electronic	108	USD	FRPL				108	0.2	USD	FRPL
IPE	ICE Futures	Energy	LNK	Propane, Argus CIF ARA, Fixed Price Swap (Balmo) Day 17	Fut	Electronic	108	USD	FRPL				108	0.2	USD	FRPL
IPE	ICE Futures	Energy	LNL	Propane, Argus CIF ARA, Fixed Price Swap (Balmo) Day 18	Fut	Electronic	108	USD	FRPL				108	0.2	USD	FRPL
IPE	ICE Futures	Energy	LNM	Propane, Argus CIF ARA, Fixed Price Swap (Balmo) Day 19	Fut	Electronic	108	USD	FRPL				108	0.2	USD	FRPL
IPE	ICE Futures	Energy	LNN	Propane, Argus CIF ARA, Fixed Price Swap (Balmo) Day 20	Fut	Electronic	108	USD	FRPL				108	0.2	USD	FRPL
IPE	ICE Futures	Energy	LNO	Propane, Argus CIF ARA, Fixed Price Swap (Balmo) Day 21	Fut	Electronic	108	USD	FRPL				108	0.2	USD	FRPL
IPE	ICE Futures	Energy	LNP	Propane, Argus CIF ARA, Fixed Price Swap (Balmo) Day 22	Fut	Electronic	108	USD	FRPL				108	0.2	USD	FRPL
IPE	ICE Futures	Energy	LNQ	Propane, Argus CIF ARA, Fixed Price Swap (Balmo) Day 23	Fut	Electronic	108	USD	FRPL				108	0.2	USD	FRPL
IPE	ICE Futures	Energy	LNR	Propane, Argus CIF ARA, Fixed Price Swap (Balmo) Day 24	Fut	Electronic	108	USD	FRPL				108	0.2	USD	FRPL
IPE	ICE Futures	Energy	LNS	Propane, Argus CIF ARA, Fixed Price Swap (Balmo) Day 25	Fut	Electronic	108	USD	FRPL				108	0.2	USD	FRPL
IPE	ICE Futures	Energy	LNT	Propane, Argus CIF ARA, Fixed Price Swap (Balmo) Day 26	Fut	Electronic	108	USD	FRPL				108	0.2	USD	FRPL
IPE	ICE Futures	Energy	LNU	Propane, Argus CIF ARA, Fixed Price Swap (Balmo) Day 27	Fut	Electronic	108	USD	FRPL				108	0.2	USD	FRPL
IPE	ICE Futures	Energy	LNV	Propane, Argus CIF ARA, Fixed Price Swap (Balmo) Day 28	Fut	Electronic	108	USD	FRPL				108	0.2	USD	FRPL
IPE	ICE Futures	Energy	LNW	Propane, Argus CIF ARA, Fixed Price Swap (Balmo) Day 29	Fut	Electronic	108	USD	FRPL				108	0.2	USD	FRPL
IPE	ICE Futures	Energy	LNX	Propane, Argus CIF ARA, Fixed Price Swap (Balmo) Day 30	Fut	Electronic	108	USD	FRPL				108	0.2	USD	FRPL
IPE	ICE Futures	Energy	LNY	Propane, Argus CIF ARA, Fixed Price Swap (Balmo) Day 31	Fut	Electronic	108	USD	FRPL				108	0.2	USD	FRPL
IPE	ICE Futures	Energy	LNZ	Ethane in E/P Mix, OPIS Mt. Belvieu Non-TET, Fixed Price Swap (Balmo) Day 1	Fut	Electronic	10.75	USD	FRPL				10.75	0.2	USD	FRPL
IPE	ICE Futures	Energy	LOA	Ethane in E/P Mix, OPIS Mt. Belvieu Non-TET, Fixed Price Swap (Balmo) Day 2	Fut	Electronic	10.75	USD	FRPL				10.75	0.2	USD	FRPL
IPE	ICE Futures	Energy	LOB	Ethane in E/P Mix, OPIS Mt. Belvieu Non-TET, Fixed Price Swap (Balmo) Day 3	Fut	Electronic	10.75	USD	FRPL				10.75	0.2	USD	FRPL
IPE	ICE Futures	Energy	LOC	Ethane in E/P Mix, OPIS Mt. Belvieu Non-TET, Fixed Price Swap (Balmo) Day 4	Fut	Electronic	10.75	USD	FRPL				10.75	0.2	USD	FRPL
IPE	ICE Futures	Energy	LOD	Ethane in E/P Mix, OPIS Mt. Belvieu Non-TET, Fixed Price Swap (Balmo) Day 5	Fut	Electronic	10.75	USD	FRPL				10.75	0.2	USD	FRPL
IPE	ICE Futures	Energy	LOE	Ethane in E/P Mix, OPIS Mt. Belvieu Non-TET, Fixed Price Swap (Balmo) Day 6	Fut	Electronic	10.75	USD	FRPL				10.75	0.2	USD	FRPL
IPE	ICE Futures	Energy	LOF	Ethane in E/P Mix, OPIS Mt. Belvieu Non-TET, Fixed Price Swap (Balmo) Day 7	Fut	Electronic	10.75	USD	FRPL				10.75	0.2	USD	FRPL
IPE	ICE Futures	Energy	LOG	Ethane in E/P Mix, OPIS Mt. Belvieu Non-TET, Fixed Price Swap (Balmo) Day 8	Fut	Electronic	10.75	USD	FRPL				10.75	0.2	USD	FRPL
IPE	ICE Futures	Energy	LOH	Ethane in E/P Mix, OPIS Mt. Belvieu Non-TET, Fixed Price Swap (Balmo) Day 9	Fut	Electronic	10.75	USD	FRPL				10.75	0.2	USD	FRPL
IPE	ICE Futures	Energy	LOI	Ethane in E/P Mix, OPIS Mt. Belvieu Non-TET, Fixed Price Swap (Balmo) Day 10	Fut	Electronic	10.75	USD	FRPL				10.75	0.2	USD	FRPL
IPE	ICE Futures	Energy	LOJ	Ethane in E/P Mix, OPIS Mt. Belvieu Non-TET, Fixed Price Swap (Balmo) Day 11	Fut	Electronic	10.75	USD	FRPL				10.75	0.2	USD	FRPL
IPE	ICE Futures	Energy	LOK	Ethane in E/P Mix, OPIS Mt. Belvieu Non-TET, Fixed Price Swap (Balmo) Day 12	Fut	Electronic	10.75	USD	FRPL				10.75	0.2	USD	FRPL
IPE	ICE Futures	Energy	LOL	Ethane in E/P Mix, OPIS Mt. Belvieu Non-TET, Fixed Price Swap (Balmo) Day 13	Fut	Electronic	10.75	USD	FRPL				10.75	0.2	USD	FRPL
IPE	ICE Futures	Energy	LOM	Ethane in E/P Mix, OPIS Mt. Belvieu Non-TET, Fixed Price Swap (Balmo) Day 14	Fut	Electronic	10.75	USD	FRPL				10.75	0.2	USD	FRPL
IPE	ICE Futures	Energy	LON	Ethane in E/P Mix, OPIS Mt. Belvieu Non-TET, Fixed Price Swap (Balmo) Day 15	Fut	Electronic	10.75	USD	FRPL				10.75	0.2	USD	FRPL
IPE	ICE Futures	Energy	LOO	Ethane in E/P Mix, OPIS Mt. Belvieu Non-TET, Fixed Price Swap (Balmo) Day 16	Fut	Electronic	10.75	USD	FRPL				10.75	0.2	USD	FRPL
IPE	ICE Futures	Energy	LOP	Ethane in E/P Mix, OPIS Mt. Belvieu Non-TET, Fixed Price Swap (Balmo) Day 17	Fut	Electronic	10.75	USD	FRPL				10.75	0.2	USD	FRPL
IPE	ICE Futures	Energy	LOQ	Ethane in E/P Mix, OPIS Mt. Belvieu Non-TET, Fixed Price Swap (Balmo) Day 18	Fut	Electronic	10.75	USD	FRPL				10.75	0.2	USD	FRPL

Exch Code	Exch Desc	Comm Group	Prod Code	Product Desc	F/O	Platform	Trd Fee	Trd Fee Cur	Trd Fee Meth	Clr Fee	Clr Fee Cur	Clr Fee Meth	Fee Total	Brk Fee	Brk Fee Cur	Brk Fee Meth
IPE	ICE Futures	Energy	LOR	Ethane in E/P Mix, OPIS Mt. Belvieu Non-TET, Fixed Price Swap (Balmo) Day 19	Fut	Electronic	10.75	USD	FRPL				10.75	0.2	USD	FRPL
IPE	ICE Futures	Energy	LOS	Ethane in E/P Mix, OPIS Mt. Belvieu Non-TET, Fixed Price Swap (Balmo) Day 20	Fut	Electronic	10.75	USD	FRPL				10.75	0.2	USD	FRPL
IPE	ICE Futures	Energy	LOT	Ethane in E/P Mix, OPIS Mt. Belvieu Non-TET, Fixed Price Swap (Balmo) Day 21	Fut	Electronic	10.75	USD	FRPL				10.75	0.2	USD	FRPL
IPE	ICE Futures	Energy	LOU	Ethane in E/P Mix, OPIS Mt. Belvieu Non-TET, Fixed Price Swap (Balmo) Day 22	Fut	Electronic	10.75	USD	FRPL				10.75	0.2	USD	FRPL
IPE	ICE Futures	Energy	LOV	Ethane in E/P Mix, OPIS Mt. Belvieu Non-TET, Fixed Price Swap (Balmo) Day 23	Fut	Electronic	10.75	USD	FRPL				10.75	0.2	USD	FRPL
IPE	ICE Futures	Energy	LOW	Ethane in E/P Mix, OPIS Mt. Belvieu Non-TET, Fixed Price Swap (Balmo) Day 24	Fut	Electronic	10.75	USD	FRPL				10.75	0.2	USD	FRPL
IPE	ICE Futures	Energy	LOX	Ethane in E/P Mix, OPIS Mt. Belvieu Non-TET, Fixed Price Swap (Balmo) Day 25	Fut	Electronic	10.75	USD	FRPL				10.75	0.2	USD	FRPL
IPE	ICE Futures	Energy	LOY	Ethane in E/P Mix, OPIS Mt. Belvieu Non-TET, Fixed Price Swap (Balmo) Day 26	Fut	Electronic	10.75	USD	FRPL				10.75	0.2	USD	FRPL
IPE	ICE Futures	Energy	LOZ	Ethane in E/P Mix, OPIS Mt. Belvieu Non-TET, Fixed Price Swap (Balmo) Day 27	Fut	Electronic	10.75	USD	FRPL				10.75	0.2	USD	FRPL
IPE	ICE Futures	Energy	LPA	Ethane in E/P Mix, OPIS Mt. Belvieu Non-TET, Fixed Price Swap (Balmo) Day 28	Fut	Electronic	10.75	USD	FRPL				10.75	0.2	USD	FRPL
IPE	ICE Futures	Energy	LPB	Ethane in E/P Mix, OPIS Mt. Belvieu Non-TET, Fixed Price Swap (Balmo) Day 29	Fut	Electronic	10.75	USD	FRPL				10.75	0.2	USD	FRPL
IPE	ICE Futures	Energy	LPC	Ethane in E/P Mix, OPIS Mt. Belvieu Non-TET, Fixed Price Swap (Balmo) Day 30	Fut	Electronic	10.75	USD	FRPL				10.75	0.2	USD	FRPL
IPE	ICE Futures	Energy	LPD	Ethane in E/P Mix, OPIS Mt. Belvieu Non-TET, Fixed Price Swap (Balmo) Day 31	Fut	Electronic	10.75	USD	FRPL				10.75	0.2	USD	FRPL
IPE	ICE Futures	Energy	LPE	Ethane in E/P Mix, OPIS Conway In-Well, Fixed Price Swap (Balmo) Day 1	Fut	Electronic	10.75	USD	FRPL				10.75	0.2	USD	FRPL
IPE	ICE Futures	Energy	LPF	Ethane in E/P Mix, OPIS Conway In-Well, Fixed Price Swap (Balmo) Day 2	Fut	Electronic	10.75	USD	FRPL				10.75	0.2	USD	FRPL
IPE	ICE Futures	Energy	LPG	Ethane in E/P Mix, OPIS Conway In-Well, Fixed Price Swap (Balmo) Day 3	Fut	Electronic	10.75	USD	FRPL				10.75	0.2	USD	FRPL
IPE	ICE Futures	Energy	LPH	Ethane in E/P Mix, OPIS Conway In-Well, Fixed Price Swap (Balmo) Day 4	Fut	Electronic	10.75	USD	FRPL				10.75	0.2	USD	FRPL
IPE	ICE Futures	Energy	LPI	Ethane in E/P Mix, OPIS Conway In-Well, Fixed Price Swap (Balmo) Day 5	Fut	Electronic	10.75	USD	FRPL				10.75	0.2	USD	FRPL
IPE	ICE Futures	Energy	LPJ	Ethane in E/P Mix, OPIS Conway In-Well, Fixed Price Swap (Balmo) Day 6	Fut	Electronic	10.75	USD	FRPL				10.75	0.2	USD	FRPL
IPE	ICE Futures	Energy	LPK	Ethane in E/P Mix, OPIS Conway In-Well, Fixed Price Swap (Balmo) Day 7	Fut	Electronic	10.75	USD	FRPL				10.75	0.2	USD	FRPL
IPE	ICE Futures	Energy	LPL	Ethane in E/P Mix, OPIS Conway In-Well, Fixed Price Swap (Balmo) Day 8	Fut	Electronic	10.75	USD	FRPL				10.75	0.2	USD	FRPL
IPE	ICE Futures	Energy	LPM	Ethane in E/P Mix, OPIS Conway In-Well, Fixed Price Swap (Balmo) Day 9	Fut	Electronic	10.75	USD	FRPL				10.75	0.2	USD	FRPL
IPE	ICE Futures	Energy	LPN	Ethane in E/P Mix, OPIS Conway In-Well, Fixed Price Swap (Balmo) Day 10	Fut	Electronic	10.75	USD	FRPL				10.75	0.2	USD	FRPL
IPE	ICE Futures	Energy	LPO	Ethane in E/P Mix, OPIS Conway In-Well, Fixed Price Swap (Balmo) Day 11	Fut	Electronic	10.75	USD	FRPL				10.75	0.2	USD	FRPL
IPE	ICE Futures	Energy	LPP	Ethane in E/P Mix, OPIS Conway In-Well, Fixed Price Swap (Balmo) Day 12	Fut	Electronic	10.75	USD	FRPL				10.75	0.2	USD	FRPL
IPE	ICE Futures	Energy	LPQ	Ethane in E/P Mix, OPIS Conway In-Well, Fixed Price Swap (Balmo) Day 13	Fut	Electronic	10.75	USD	FRPL				10.75	0.2	USD	FRPL
IPE	ICE Futures	Energy	LPR	Ethane in E/P Mix, OPIS Conway In-Well, Fixed Price Swap (Balmo) Day 14	Fut	Electronic	10.75	USD	FRPL				10.75	0.2	USD	FRPL
IPE	ICE Futures	Energy	LPS	Ethane in E/P Mix, OPIS Conway In-Well, Fixed Price Swap (Balmo) Day 15	Fut	Electronic	10.75	USD	FRPL				10.75	0.2	USD	FRPL
IPE	ICE Futures	Energy	LPT	Ethane in E/P Mix, OPIS Conway In-Well, Fixed Price Swap (Balmo) Day 16	Fut	Electronic	10.75	USD	FRPL				10.75	0.2	USD	FRPL

Exch Code	Exch Desc	Comm Group	Prod Code	Product Desc	F/O	Platform	Trd Fee	Trd Fee Cur	Trd Fee Meth	Clr Fee	Clr Fee Cur	Clr Fee Meth	Fee Total	Brk Fee	Brk Fee Cur	Brk Fee Meth
IPE	ICE Futures	Energy	LPU	Ethane in E/P Mix, OPIS Conway In-Well, Fixed Price Swap (Balmo) Day 17	Fut	Electronic	10.75	USD	FRPL				10.75	0.2	USD	FRPL
IPE	ICE Futures	Energy	LPV	Ethane in E/P Mix, OPIS Conway In-Well, Fixed Price Swap (Balmo) Day 18	Fut	Electronic	10.75	USD	FRPL				10.75	0.2	USD	FRPL
IPE	ICE Futures	Energy	LPW	Ethane in E/P Mix, OPIS Conway In-Well, Fixed Price Swap (Balmo) Day 19	Fut	Electronic	10.75	USD	FRPL				10.75	0.2	USD	FRPL
IPE	ICE Futures	Energy	LPX	Ethane in E/P Mix, OPIS Conway In-Well, Fixed Price Swap (Balmo) Day 20	Fut	Electronic	10.75	USD	FRPL				10.75	0.2	USD	FRPL
IPE	ICE Futures	Energy	LPY	Ethane in E/P Mix, OPIS Conway In-Well, Fixed Price Swap (Balmo) Day 21	Fut	Electronic	10.75	USD	FRPL				10.75	0.2	USD	FRPL
IPE	ICE Futures	Energy	LPZ	Ethane in E/P Mix, OPIS Conway In-Well, Fixed Price Swap (Balmo) Day 22	Fut	Electronic	10.75	USD	FRPL				10.75	0.2	USD	FRPL
IPE	ICE Futures	Energy	LQA	Ethane in E/P Mix, OPIS Conway In-Well, Fixed Price Swap (Balmo) Day 23	Fut	Electronic	10.75	USD	FRPL				10.75	0.2	USD	FRPL
IPE	ICE Futures	Energy	LQB	Ethane in E/P Mix, OPIS Conway In-Well, Fixed Price Swap (Balmo) Day 24	Fut	Electronic	10.75	USD	FRPL				10.75	0.2	USD	FRPL
IPE	ICE Futures	Energy	LQC	Ethane in E/P Mix, OPIS Conway In-Well, Fixed Price Swap (Balmo) Day 25	Fut	Electronic	10.75	USD	FRPL				10.75	0.2	USD	FRPL
IPE	ICE Futures	Energy	LQD	Ethane in E/P Mix, OPIS Conway In-Well, Fixed Price Swap (Balmo) Day 26	Fut	Electronic	10.75	USD	FRPL				10.75	0.2	USD	FRPL
IPE	ICE Futures	Energy	LQE	Ethane in E/P Mix, OPIS Conway In-Well, Fixed Price Swap (Balmo) Day 27	Fut	Electronic	10.75	USD	FRPL				10.75	0.2	USD	FRPL
IPE	ICE Futures	Energy	LQF	Ethane in E/P Mix, OPIS Conway In-Well, Fixed Price Swap (Balmo) Day 28	Fut	Electronic	10.75	USD	FRPL				10.75	0.2	USD	FRPL
IPE	ICE Futures	Energy	LQG	Ethane in E/P Mix, OPIS Conway In-Well, Fixed Price Swap (Balmo) Day 29	Fut	Electronic	10.75	USD	FRPL				10.75	0.2	USD	FRPL
IPE	ICE Futures	Energy	LQH	Ethane in E/P Mix, OPIS Conway In-Well, Fixed Price Swap (Balmo) Day 30	Fut	Electronic	10.75	USD	FRPL				10.75	0.2	USD	FRPL
IPE	ICE Futures	Energy	LQI	Ethane in E/P Mix, OPIS Conway In-Well, Fixed Price Swap (Balmo) Day 31	Fut	Electronic	10.75	USD	FRPL				10.75	0.2	USD	FRPL
IPE	ICE Futures	Energy	LRN	Normal Butane, OPIS Mt. Belvieu TET, Fixed Price Swap (Balmo) Day 1	Fut	Electronic	10.75	USD	FRPL				10.75	0.2	USD	FRPL
IPE	ICE Futures	Energy	LRO	Normal Butane, OPIS Mt. Belvieu TET, Fixed Price Swap (Balmo) Day 2	Fut	Electronic	10.75	USD	FRPL				10.75	0.2	USD	FRPL
IPE	ICE Futures	Energy	LRP	Normal Butane, OPIS Mt. Belvieu TET, Fixed Price Swap (Balmo) Day 3	Fut	Electronic	10.75	USD	FRPL				10.75	0.2	USD	FRPL
IPE	ICE Futures	Energy	LRQ	Normal Butane, OPIS Mt. Belvieu TET, Fixed Price Swap (Balmo) Day 4	Fut	Electronic	10.75	USD	FRPL				10.75	0.2	USD	FRPL
IPE	ICE Futures	Energy	LRR	Normal Butane, OPIS Mt. Belvieu TET, Fixed Price Swap (Balmo) Day 5	Fut	Electronic	10.75	USD	FRPL				10.75	0.2	USD	FRPL
IPE	ICE Futures	Energy	LRS	Normal Butane, OPIS Mt. Belvieu TET, Fixed Price Swap (Balmo) Day 6	Fut	Electronic	10.75	USD	FRPL				10.75	0.2	USD	FRPL
IPE	ICE Futures	Energy	LRT	Normal Butane, OPIS Mt. Belvieu TET, Fixed Price Swap (Balmo) Day 7	Fut	Electronic	10.75	USD	FRPL				10.75	0.2	USD	FRPL
IPE	ICE Futures	Energy	LRU	Normal Butane, OPIS Mt. Belvieu TET, Fixed Price Swap (Balmo) Day 8	Fut	Electronic	10.75	USD	FRPL				10.75	0.2	USD	FRPL
IPE	ICE Futures	Energy	LRV	Normal Butane, OPIS Mt. Belvieu TET, Fixed Price Swap (Balmo) Day 9	Fut	Electronic	10.75	USD	FRPL				10.75	0.2	USD	FRPL
IPE	ICE Futures	Energy	LRW	Normal Butane, OPIS Mt. Belvieu TET, Fixed Price Swap (Balmo) Day 10	Fut	Electronic	10.75	USD	FRPL				10.75	0.2	USD	FRPL
IPE	ICE Futures	Energy	LRX	Normal Butane, OPIS Mt. Belvieu TET, Fixed Price Swap (Balmo) Day 11	Fut	Electronic	10.75	USD	FRPL				10.75	0.2	USD	FRPL
IPE	ICE Futures	Energy	LRY	Normal Butane, OPIS Mt. Belvieu TET, Fixed Price Swap (Balmo) Day 12	Fut	Electronic	10.75	USD	FRPL				10.75	0.2	USD	FRPL
IPE	ICE Futures	Energy	LRZ	Normal Butane, OPIS Mt. Belvieu TET, Fixed Price Swap (Balmo) Day 13	Fut	Electronic	10.75	USD	FRPL				10.75	0.2	USD	FRPL
IPE	ICE Futures	Energy	LSA	Normal Butane, OPIS Mt. Belvieu TET, Fixed Price Swap (Balmo) Day 14	Fut	Electronic	10.75	USD	FRPL				10.75	0.2	USD	FRPL

Exch Code	Exch Desc	Comm Group	Prod Code	Product Desc	F/O	Platform	Trd Fee	Trd Fee Cur	Trd Fee Meth	Clr Fee	Clr Fee Cur	Clr Fee Meth	Fee Total	Brk Fee	Brk Fee Cur	Brk Fee Meth
IPE	ICE Futures	Energy	LSB	Normal Butane, OPIS Mt. Belvieu TET, Fixed Price Swap (Balmo) Day 15	Fut	Electronic	10.75	USD	FRPL				10.75	0.2	USD	FRPL
IPE	ICE Futures	Energy	LSC	Normal Butane, OPIS Mt. Belvieu TET, Fixed Price Swap (Balmo) Day 16	Fut	Electronic	10.75	USD	FRPL				10.75	0.2	USD	FRPL
IPE	ICE Futures	Energy	LSD	Normal Butane, OPIS Mt. Belvieu TET, Fixed Price Swap (Balmo) Day 17	Fut	Electronic	10.75	USD	FRPL				10.75	0.2	USD	FRPL
IPE	ICE Futures	Energy	LSE	Normal Butane, OPIS Mt. Belvieu TET, Fixed Price Swap (Balmo) Day 18	Fut	Electronic	10.75	USD	FRPL				10.75	0.2	USD	FRPL
IPE	ICE Futures	Energy	LSF	Normal Butane, OPIS Mt. Belvieu TET, Fixed Price Swap (Balmo) Day 19	Fut	Electronic	10.75	USD	FRPL				10.75	0.2	USD	FRPL
IPE	ICE Futures	Energy	LSG	Normal Butane, OPIS Mt. Belvieu TET, Fixed Price Swap (Balmo) Day 20	Fut	Electronic	10.75	USD	FRPL				10.75	0.2	USD	FRPL
IPE	ICE Futures	Energy	LSH	Normal Butane, OPIS Mt. Belvieu TET, Fixed Price Swap (Balmo) Day 21	Fut	Electronic	10.75	USD	FRPL				10.75	0.2	USD	FRPL
IPE	ICE Futures	Energy	LSI	Normal Butane, OPIS Mt. Belvieu TET, Fixed Price Swap (Balmo) Day 22	Fut	Electronic	10.75	USD	FRPL				10.75	0.2	USD	FRPL
IPE	ICE Futures	Energy	LSJ	Normal Butane, OPIS Mt. Belvieu TET, Fixed Price Swap (Balmo) Day 23	Fut	Electronic	10.75	USD	FRPL				10.75	0.2	USD	FRPL
IPE	ICE Futures	Energy	LSK	Normal Butane, OPIS Mt. Belvieu TET, Fixed Price Swap (Balmo) Day 24	Fut	Electronic	10.75	USD	FRPL				10.75	0.2	USD	FRPL
IPE	ICE Futures	Energy	LSL	Normal Butane, OPIS Mt. Belvieu TET, Fixed Price Swap (Balmo) Day 25	Fut	Electronic	10.75	USD	FRPL				10.75	0.2	USD	FRPL
IPE	ICE Futures	Energy	LSM	Normal Butane, OPIS Mt. Belvieu TET, Fixed Price Swap (Balmo) Day 26	Fut	Electronic	10.75	USD	FRPL				10.75	0.2	USD	FRPL
IPE	ICE Futures	Energy	LSN	Normal Butane, OPIS Mt. Belvieu TET, Fixed Price Swap (Balmo) Day 27	Fut	Electronic	10.75	USD	FRPL				10.75	0.2	USD	FRPL
IPE	ICE Futures	Energy	LSO	Normal Butane, OPIS Mt. Belvieu TET, Fixed Price Swap (Balmo) Day 28	Fut	Electronic	10.75	USD	FRPL				10.75	0.2	USD	FRPL
IPE	ICE Futures	Energy	LSP	Normal Butane, OPIS Mt. Belvieu TET, Fixed Price Swap (Balmo) Day 29	Fut	Electronic	10.75	USD	FRPL				10.75	0.2	USD	FRPL
IPE	ICE Futures	Energy	LSQ	Normal Butane, OPIS Mt. Belvieu TET, Fixed Price Swap (Balmo) Day 30	Fut	Electronic	10.75	USD	FRPL				10.75	0.2	USD	FRPL
IPE	ICE Futures	Energy	LSR	Normal Butane, OPIS Mt. Belvieu TET, Fixed Price Swap (Balmo) Day 31	Fut	Electronic	10.75	USD	FRPL				10.75	0.2	USD	FRPL
IPE	ICE Futures	Energy	LSS	Natural Gasoline, OPIS Mt. Belvieu TET, Fixed Price Swap (Balmo) Day 1	Fut	Electronic	10.75	USD	FRPL				10.75	0.2	USD	FRPL
IPE	ICE Futures	Energy	LST	Natural Gasoline, OPIS Mt. Belvieu TET, Fixed Price Swap (Balmo) Day 2	Fut	Electronic	10.75	USD	FRPL				10.75	0.2	USD	FRPL
IPE	ICE Futures	Energy	LSU	Natural Gasoline, OPIS Mt. Belvieu TET, Fixed Price Swap (Balmo) Day 3	Fut	Electronic	10.75	USD	FRPL				10.75	0.2	USD	FRPL
IPE	ICE Futures	Energy	LSV	Natural Gasoline, OPIS Mt. Belvieu TET, Fixed Price Swap (Balmo) Day 4	Fut	Electronic	10.75	USD	FRPL				10.75	0.2	USD	FRPL
IPE	ICE Futures	Energy	LSW	Natural Gasoline, OPIS Mt. Belvieu TET, Fixed Price Swap (Balmo) Day 5	Fut	Electronic	10.75	USD	FRPL				10.75	0.2	USD	FRPL
IPE	ICE Futures	Energy	LSX	Natural Gasoline, OPIS Mt. Belvieu TET, Fixed Price Swap (Balmo) Day 6	Fut	Electronic	10.75	USD	FRPL				10.75	0.2	USD	FRPL
IPE	ICE Futures	Energy	LSY	Natural Gasoline, OPIS Mt. Belvieu TET, Fixed Price Swap (Balmo) Day 7	Fut	Electronic	10.75	USD	FRPL				10.75	0.2	USD	FRPL
IPE	ICE Futures	Energy	LSZ	Natural Gasoline, OPIS Mt. Belvieu TET, Fixed Price Swap (Balmo) Day 8	Fut	Electronic	10.75	USD	FRPL				10.75	0.2	USD	FRPL
IPE	ICE Futures	Energy	LTA	Natural Gasoline, OPIS Mt. Belvieu TET, Fixed Price Swap (Balmo) Day 9	Fut	Electronic	10.75	USD	FRPL				10.75	0.2	USD	FRPL
IPE	ICE Futures	Energy	LTB	Natural Gasoline, OPIS Mt. Belvieu TET, Fixed Price Swap (Balmo) Day 10	Fut	Electronic	10.75	USD	FRPL				10.75	0.2	USD	FRPL
IPE	ICE Futures	Energy	LTC	Natural Gasoline, OPIS Mt. Belvieu TET, Fixed Price Swap (Balmo) Day 11	Fut	Electronic	10.75	USD	FRPL				10.75	0.2	USD	FRPL
IPE	ICE Futures	Energy	LTD	Natural Gasoline, OPIS Mt. Belvieu TET, Fixed Price Swap (Balmo) Day 12	Fut	Electronic	10.75	USD	FRPL				10.75	0.2	USD	FRPL

Exch Code	Exch Desc	Comm Group	Prod Code	Product Desc	F/O	Platform	Trd Fee	Trd Fee Cur	Trd Fee Meth	Clr Fee	Clr Fee Cur	Clr Fee Meth	Fee Total	Brk Fee	Brk Fee Cur	Brk Fee Meth
IPE	ICE Futures	Energy	LTE	Natural Gasoline, OPIS Mt. Belvieu TET, Fixed Price Swap (Balmo) Day 13	Fut	Electronic	10.75	USD	FRPL				10.75	0.2	USD	FRPL
IPE	ICE Futures	Energy	LTF	Natural Gasoline, OPIS Mt. Belvieu TET, Fixed Price Swap (Balmo) Day 14	Fut	Electronic	10.75	USD	FRPL				10.75	0.2	USD	FRPL
IPE	ICE Futures	Energy	LTG	Natural Gasoline, OPIS Mt. Belvieu TET, Fixed Price Swap (Balmo) Day 15	Fut	Electronic	10.75	USD	FRPL				10.75	0.2	USD	FRPL
IPE	ICE Futures	Energy	LTH	Natural Gasoline, OPIS Mt. Belvieu TET, Fixed Price Swap (Balmo) Day 16	Fut	Electronic	10.75	USD	FRPL				10.75	0.2	USD	FRPL
IPE	ICE Futures	Energy	LTI	Natural Gasoline, OPIS Mt. Belvieu TET, Fixed Price Swap (Balmo) Day 17	Fut	Electronic	10.75	USD	FRPL				10.75	0.2	USD	FRPL
IPE	ICE Futures	Energy	LTJ	Natural Gasoline, OPIS Mt. Belvieu TET, Fixed Price Swap (Balmo) Day 18	Fut	Electronic	10.75	USD	FRPL				10.75	0.2	USD	FRPL
IPE	ICE Futures	Energy	LTK	Natural Gasoline, OPIS Mt. Belvieu TET, Fixed Price Swap (Balmo) Day 19	Fut	Electronic	10.75	USD	FRPL				10.75	0.2	USD	FRPL
IPE	ICE Futures	Energy	LTL	Natural Gasoline, OPIS Mt. Belvieu TET, Fixed Price Swap (Balmo) Day 20	Fut	Electronic	10.75	USD	FRPL				10.75	0.2	USD	FRPL
IPE	ICE Futures	Energy	LTM	Natural Gasoline, OPIS Mt. Belvieu TET, Fixed Price Swap (Balmo) Day 21	Fut	Electronic	10.75	USD	FRPL				10.75	0.2	USD	FRPL
IPE	ICE Futures	Energy	LTN	Natural Gasoline, OPIS Mt. Belvieu TET, Fixed Price Swap (Balmo) Day 22	Fut	Electronic	10.75	USD	FRPL				10.75	0.2	USD	FRPL
IPE	ICE Futures	Energy	LTO	Natural Gasoline, OPIS Mt. Belvieu TET, Fixed Price Swap (Balmo) Day 23	Fut	Electronic	10.75	USD	FRPL				10.75	0.2	USD	FRPL
IPE	ICE Futures	Energy	LTP	Natural Gasoline, OPIS Mt. Belvieu TET, Fixed Price Swap (Balmo) Day 24	Fut	Electronic	10.75	USD	FRPL				10.75	0.2	USD	FRPL
IPE	ICE Futures	Energy	LTQ	Natural Gasoline, OPIS Mt. Belvieu TET, Fixed Price Swap (Balmo) Day 25	Fut	Electronic	10.75	USD	FRPL				10.75	0.2	USD	FRPL
IPE	ICE Futures	Energy	LTR	Natural Gasoline, OPIS Mt. Belvieu TET, Fixed Price Swap (Balmo) Day 26	Fut	Electronic	10.75	USD	FRPL				10.75	0.2	USD	FRPL
IPE	ICE Futures	Energy	LTS	Natural Gasoline, OPIS Mt. Belvieu TET, Fixed Price Swap (Balmo) Day 27	Fut	Electronic	10.75	USD	FRPL				10.75	0.2	USD	FRPL
IPE	ICE Futures	Energy	LTT	Natural Gasoline, OPIS Mt. Belvieu TET, Fixed Price Swap (Balmo) Day 28	Fut	Electronic	10.75	USD	FRPL				10.75	0.2	USD	FRPL
IPE	ICE Futures	Energy	LTU	Natural Gasoline, OPIS Mt. Belvieu TET, Fixed Price Swap (Balmo) Day 29	Fut	Electronic	10.75	USD	FRPL				10.75	0.2	USD	FRPL
IPE	ICE Futures	Energy	LTV	Natural Gasoline, OPIS Mt. Belvieu TET, Fixed Price Swap (Balmo) Day 30	Fut	Electronic	10.75	USD	FRPL				10.75	0.2	USD	FRPL
IPE	ICE Futures	Energy	LTW	Natural Gasoline, OPIS Mt. Belvieu TET, Fixed Price Swap (Balmo) Day 31	Fut	Electronic	10.75	USD	FRPL				10.75	0.2	USD	FRPL
IPE	ICE Futures	Energy	LVC	Iso Butane, OPIS Mt. Belvieu Non-TET, Fixed Price Swap (Balmo) Day 1	Fut	Electronic	10.75	USD	FRPL				10.75	0.2	USD	FRPL
IPE	ICE Futures	Energy	LVD	Iso Butane, OPIS Mt. Belvieu Non-TET, Fixed Price Swap (Balmo) Day 2	Fut	Electronic	10.75	USD	FRPL				10.75	0.2	USD	FRPL
IPE	ICE Futures	Energy	LVE	Iso Butane, OPIS Mt. Belvieu Non-TET, Fixed Price Swap (Balmo) Day 3	Fut	Electronic	10.75	USD	FRPL				10.75	0.2	USD	FRPL
IPE	ICE Futures	Energy	LVF	Iso Butane, OPIS Mt. Belvieu Non-TET, Fixed Price Swap (Balmo) Day 4	Fut	Electronic	10.75	USD	FRPL				10.75	0.2	USD	FRPL
IPE	ICE Futures	Energy	LVG	Iso Butane, OPIS Mt. Belvieu Non-TET, Fixed Price Swap (Balmo) Day 5	Fut	Electronic	10.75	USD	FRPL				10.75	0.2	USD	FRPL
IPE	ICE Futures	Energy	LVH	Iso Butane, OPIS Mt. Belvieu Non-TET, Fixed Price Swap (Balmo) Day 6	Fut	Electronic	10.75	USD	FRPL				10.75	0.2	USD	FRPL
IPE	ICE Futures	Energy	LVI	Iso Butane, OPIS Mt. Belvieu Non-TET, Fixed Price Swap (Balmo) Day 7	Fut	Electronic	10.75	USD	FRPL				10.75	0.2	USD	FRPL
IPE	ICE Futures	Energy	LVJ	Iso Butane, OPIS Mt. Belvieu Non-TET, Fixed Price Swap (Balmo) Day 8	Fut	Electronic	10.75	USD	FRPL				10.75	0.2	USD	FRPL
IPE	ICE Futures	Energy	LVK	Iso Butane, OPIS Mt. Belvieu Non-TET, Fixed Price Swap (Balmo) Day 9	Fut	Electronic	10.75	USD	FRPL				10.75	0.2	USD	FRPL
IPE	ICE Futures	Energy	LVL	Iso Butane, OPIS Mt. Belvieu Non-TET, Fixed Price Swap (Balmo) Day 10	Fut	Electronic	10.75	USD	FRPL				10.75	0.2	USD	FRPL

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IPE	ICE Futures	Energy	LVM	Iso Butane, OPIS Mt. Belvieu Non-TET, Fixed Price Swap (Balmo) Day 11	Fut	Electronic	10.75	USD	FRPL				10.75	0.2	USD	FRPL
IPE	ICE Futures	Energy	LVN	Iso Butane, OPIS Mt. Belvieu Non-TET, Fixed Price Swap (Balmo) Day 12	Fut	Electronic	10.75	USD	FRPL				10.75	0.2	USD	FRPL
IPE	ICE Futures	Energy	LVO	Iso Butane, OPIS Mt. Belvieu Non-TET, Fixed Price Swap (Balmo) Day 13	Fut	Electronic	10.75	USD	FRPL				10.75	0.2	USD	FRPL
IPE	ICE Futures	Energy	LVP	Iso Butane, OPIS Mt. Belvieu Non-TET, Fixed Price Swap (Balmo) Day 14	Fut	Electronic	10.75	USD	FRPL				10.75	0.2	USD	FRPL
IPE	ICE Futures	Energy	LVQ	Iso Butane, OPIS Mt. Belvieu Non-TET, Fixed Price Swap (Balmo) Day 15	Fut	Electronic	10.75	USD	FRPL				10.75	0.2	USD	FRPL
IPE	ICE Futures	Energy	LVR	Iso Butane, OPIS Mt. Belvieu Non-TET, Fixed Price Swap (Balmo) Day 16	Fut	Electronic	10.75	USD	FRPL				10.75	0.2	USD	FRPL
IPE	ICE Futures	Energy	LVS	Iso Butane, OPIS Mt. Belvieu Non-TET, Fixed Price Swap (Balmo) Day 17	Fut	Electronic	10.75	USD	FRPL				10.75	0.2	USD	FRPL
IPE	ICE Futures	Energy	LVT	Iso Butane, OPIS Mt. Belvieu Non-TET, Fixed Price Swap (Balmo) Day 18	Fut	Electronic	10.75	USD	FRPL				10.75	0.2	USD	FRPL
IPE	ICE Futures	Energy	LVU	Iso Butane, OPIS Mt. Belvieu Non-TET, Fixed Price Swap (Balmo) Day 19	Fut	Electronic	10.75	USD	FRPL				10.75	0.2	USD	FRPL
IPE	ICE Futures	Energy	LVV	Iso Butane, OPIS Mt. Belvieu Non-TET, Fixed Price Swap (Balmo) Day 20	Fut	Electronic	10.75	USD	FRPL				10.75	0.2	USD	FRPL
IPE	ICE Futures	Energy	LVW	Iso Butane, OPIS Mt. Belvieu Non-TET, Fixed Price Swap (Balmo) Day 21	Fut	Electronic	10.75	USD	FRPL				10.75	0.2	USD	FRPL
IPE	ICE Futures	Energy	LVX	Iso Butane, OPIS Mt. Belvieu Non-TET, Fixed Price Swap (Balmo) Day 22	Fut	Electronic	10.75	USD	FRPL				10.75	0.2	USD	FRPL
IPE	ICE Futures	Energy	LVY	Iso Butane, OPIS Mt. Belvieu Non-TET, Fixed Price Swap (Balmo) Day 23	Fut	Electronic	10.75	USD	FRPL				10.75	0.2	USD	FRPL
IPE	ICE Futures	Energy	LVZ	Iso Butane, OPIS Mt. Belvieu Non-TET, Fixed Price Swap (Balmo) Day 24	Fut	Electronic	10.75	USD	FRPL				10.75	0.2	USD	FRPL
IPE	ICE Futures	Energy	LWA	Iso Butane, OPIS Mt. Belvieu Non-TET, Fixed Price Swap (Balmo) Day 25	Fut	Electronic	10.75	USD	FRPL				10.75	0.2	USD	FRPL
IPE	ICE Futures	Energy	LWB	Iso Butane, OPIS Mt. Belvieu Non-TET, Fixed Price Swap (Balmo) Day 26	Fut	Electronic	10.75	USD	FRPL				10.75	0.2	USD	FRPL
IPE	ICE Futures	Energy	LWC	Iso Butane, OPIS Mt. Belvieu Non-TET, Fixed Price Swap (Balmo) Day 27	Fut	Electronic	10.75	USD	FRPL				10.75	0.2	USD	FRPL
IPE	ICE Futures	Energy	LWD	Iso Butane, OPIS Mt. Belvieu Non-TET, Fixed Price Swap (Balmo) Day 28	Fut	Electronic	10.75	USD	FRPL				10.75	0.2	USD	FRPL
IPE	ICE Futures	Energy	LWE	Iso Butane, OPIS Mt. Belvieu Non-TET, Fixed Price Swap (Balmo) Day 29	Fut	Electronic	10.75	USD	FRPL				10.75	0.2	USD	FRPL
IPE	ICE Futures	Energy	LWF	Iso Butane, OPIS Mt. Belvieu Non-TET, Fixed Price Swap (Balmo) Day 30	Fut	Electronic	10.75	USD	FRPL				10.75	0.2	USD	FRPL
IPE	ICE Futures	Energy	LWG	Iso Butane, OPIS Mt. Belvieu Non-TET, Fixed Price Swap (Balmo) Day 31	Fut	Electronic	10.75	USD	FRPL				10.75	0.2	USD	FRPL
IPE	ICE Futures	Energy	LWH	Iso Butane, OPIS Conway In-Well, Fixed Price Swap (Balmo) Day 1	Fut	Electronic	10.75	USD	FRPL				10.75	0.2	USD	FRPL
IPE	ICE Futures	Energy	LWI	Iso Butane, OPIS Conway In-Well, Fixed Price Swap (Balmo) Day 2	Fut	Electronic	10.75	USD	FRPL				10.75	0.2	USD	FRPL
IPE	ICE Futures	Energy	LWJ	Iso Butane, OPIS Conway In-Well, Fixed Price Swap (Balmo) Day 3	Fut	Electronic	10.75	USD	FRPL				10.75	0.2	USD	FRPL
IPE	ICE Futures	Energy	LWK	Iso Butane, OPIS Conway In-Well, Fixed Price Swap (Balmo) Day 4	Fut	Electronic	10.75	USD	FRPL				10.75	0.2	USD	FRPL
IPE	ICE Futures	Energy	LWL	Iso Butane, OPIS Conway In-Well, Fixed Price Swap (Balmo) Day 5	Fut	Electronic	10.75	USD	FRPL				10.75	0.2	USD	FRPL
IPE	ICE Futures	Energy	LWM	Iso Butane, OPIS Conway In-Well, Fixed Price Swap (Balmo) Day 6	Fut	Electronic	10.75	USD	FRPL				10.75	0.2	USD	FRPL
IPE	ICE Futures	Energy	LWN	Iso Butane, OPIS Conway In-Well, Fixed Price Swap (Balmo) Day 7	Fut	Electronic	10.75	USD	FRPL				10.75	0.2	USD	FRPL
IPE	ICE Futures	Energy	LWO	Iso Butane, OPIS Conway In-Well, Fixed Price Swap (Balmo) Day 8	Fut	Electronic	10.75	USD	FRPL				10.75	0.2	USD	FRPL

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IPE	ICE Futures	Energy	LWP	Iso Butane, OPIS Conway In-Well, Fixed Price Swap (Balmo) Day 9	Fut	Electronic	10.75	USD	FRPL				10.75	0.2	USD	FRPL
IPE	ICE Futures	Energy	LWQ	Iso Butane, OPIS Conway In-Well, Fixed Price Swap (Balmo) Day 10	Fut	Electronic	10.75	USD	FRPL				10.75	0.2	USD	FRPL
IPE	ICE Futures	Energy	LWR	Iso Butane, OPIS Conway In-Well, Fixed Price Swap (Balmo) Day 11	Fut	Electronic	10.75	USD	FRPL				10.75	0.2	USD	FRPL
IPE	ICE Futures	Energy	LWS	Iso Butane, OPIS Conway In-Well, Fixed Price Swap (Balmo) Day 12	Fut	Electronic	10.75	USD	FRPL				10.75	0.2	USD	FRPL
IPE	ICE Futures	Energy	LWT	Iso Butane, OPIS Conway In-Well, Fixed Price Swap (Balmo) Day 13	Fut	Electronic	10.75	USD	FRPL				10.75	0.2	USD	FRPL
IPE	ICE Futures	Energy	LWU	Iso Butane, OPIS Conway In-Well, Fixed Price Swap (Balmo) Day 14	Fut	Electronic	10.75	USD	FRPL				10.75	0.2	USD	FRPL
IPE	ICE Futures	Energy	LWV	Iso Butane, OPIS Conway In-Well, Fixed Price Swap (Balmo) Day 15	Fut	Electronic	10.75	USD	FRPL				10.75	0.2	USD	FRPL
IPE	ICE Futures	Energy	LWW	Iso Butane, OPIS Conway In-Well, Fixed Price Swap (Balmo) Day 16	Fut	Electronic	10.75	USD	FRPL				10.75	0.2	USD	FRPL
IPE	ICE Futures	Energy	LWX	Iso Butane, OPIS Conway In-Well, Fixed Price Swap (Balmo) Day 17	Fut	Electronic	10.75	USD	FRPL				10.75	0.2	USD	FRPL
IPE	ICE Futures	Energy	LWY	Iso Butane, OPIS Conway In-Well, Fixed Price Swap (Balmo) Day 18	Fut	Electronic	10.75	USD	FRPL				10.75	0.2	USD	FRPL
IPE	ICE Futures	Energy	LWZ	Iso Butane, OPIS Conway In-Well, Fixed Price Swap (Balmo) Day 19	Fut	Electronic	10.75	USD	FRPL				10.75	0.2	USD	FRPL
IPE	ICE Futures	Energy	LXA	Iso Butane, OPIS Conway In-Well, Fixed Price Swap (Balmo) Day 20	Fut	Electronic	10.75	USD	FRPL				10.75	0.2	USD	FRPL
IPE	ICE Futures	Energy	LXB	Iso Butane, OPIS Conway In-Well, Fixed Price Swap (Balmo) Day 21	Fut	Electronic	10.75	USD	FRPL				10.75	0.2	USD	FRPL
IPE	ICE Futures	Energy	LXC	Iso Butane, OPIS Conway In-Well, Fixed Price Swap (Balmo) Day 22	Fut	Electronic	10.75	USD	FRPL				10.75	0.2	USD	FRPL
IPE	ICE Futures	Energy	LXD	Iso Butane, OPIS Conway In-Well, Fixed Price Swap (Balmo) Day 23	Fut	Electronic	10.75	USD	FRPL				10.75	0.2	USD	FRPL
IPE	ICE Futures	Energy	LXE	Iso Butane, OPIS Conway In-Well, Fixed Price Swap (Balmo) Day 24	Fut	Electronic	10.75	USD	FRPL				10.75	0.2	USD	FRPL
IPE	ICE Futures	Energy	LXF	Iso Butane, OPIS Conway In-Well, Fixed Price Swap (Balmo) Day 25	Fut	Electronic	10.75	USD	FRPL				10.75	0.2	USD	FRPL
IPE	ICE Futures	Energy	LXG	Iso Butane, OPIS Conway In-Well, Fixed Price Swap (Balmo) Day 26	Fut	Electronic	10.75	USD	FRPL				10.75	0.2	USD	FRPL
IPE	ICE Futures	Energy	LXH	Iso Butane, OPIS Conway In-Well, Fixed Price Swap (Balmo) Day 27	Fut	Electronic	10.75	USD	FRPL				10.75	0.2	USD	FRPL
IPE	ICE Futures	Energy	LXI	Iso Butane, OPIS Conway In-Well, Fixed Price Swap (Balmo) Day 28	Fut	Electronic	10.75	USD	FRPL				10.75	0.2	USD	FRPL
IPE	ICE Futures	Energy	LXJ	Iso Butane, OPIS Conway In-Well, Fixed Price Swap (Balmo) Day 29	Fut	Electronic	10.75	USD	FRPL				10.75	0.2	USD	FRPL
IPE	ICE Futures	Energy	LXK	Iso Butane, OPIS Conway In-Well, Fixed Price Swap (Balmo) Day 30	Fut	Electronic	10.75	USD	FRPL				10.75	0.2	USD	FRPL
IPE	ICE Futures	Energy	LXL	Iso Butane, OPIS Conway In-Well, Fixed Price Swap (Balmo) Day 31	Fut	Electronic	10.75	USD	FRPL				10.75	0.2	USD	FRPL
IPE	ICE Futures	Energy	M	UK Natural Gas Monthly	Fut	Electronic	0.38	GBP	FRPL				0.38	0.2	USD	FRPL
IPE	ICE Futures	Energy	M	UK Natural Gas	Opt	Electronic	1.5	GBP	FRPL				1.5	0.15	EUR	FRPL
IPE	ICE Futures	Energy	MEC	Argus Sour Crude Index Differential	Fut	Electronic	0.82	USD	FRPL				0.82	0.2	USD	FRPL
IPE	ICE Futures	Energy	MID	Middle Eastern Crude Monthly	Fut	Electronic	0.82	USD	FRPL				0.82	0.2	USD	FRPL
IPE	ICE Futures	Energy	N	New York Harbor Unleaded Gasoline Monthly	Fut	Electronic	0.82	USD	FRPL				0.82	0.2	USD	FRPL
IPE	ICE Futures	Energy	N	New York Harbor Unleaded Gasoline	Opt	Electronic	0.82	USD	FRPL				0.82	0.15	EUR	FRPL
IPE	ICE Futures	Energy	NBI	Normal Butane, OPIS Mt. Belvieu Non-TET, Fixed Price Swap	Fut	Electronic	10.75	USD	FRPL				10.75	0.2	USD	FRPL
IPE	ICE Futures	Energy	NBI	Normal Butane, OPIS Mt. Belvieu Non-TET, Fixed Price Swap	Opt	Electronic	10.75	USD	FRPL				10.75	0.15	EUR	FRPL
IPE	ICE Futures	Energy	NBR	Normal Butane, OPIS Mt. Belvieu TET, Fixed Price Swap	Fut	Electronic	10.75	USD	FRPL				10.75	0.2	USD	FRPL
IPE	ICE Futures	Energy	NCC	gcNewcastle Coal Calendar One Time	Fut	Electronic	9	USD	FRPL				9	0.2	USD	FRPL
IPE	ICE Futures	Energy	NCC	gcNewcastle Coal Calendar One Time	Opt	Electronic	9	USD	FRPL				9	0.15	EUR	FRPL
IPE	ICE Futures	Energy	NCF	gCNewcastle Coal Monthly	Fut	Electronic	9	USD	FRPL				9	0.2	USD	FRPL
IPE	ICE Futures	Energy	NCF	gCNewcastle Coal	Opt	Electronic	9	USD	FRPL				9	0.15	EUR	FRPL

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IPE	ICE Futures	Energy	NCQ	gcNewcastle Coal Quarter One Time	Fut	Electronic	9	USD	FRPL				9	0.2	USD	FRPL
IPE	ICE Futures	Energy	NCQ	gcNewcastle Coal Quarter One Time	Opt	Electronic	9	USD	FRPL				9	0.15	EUR	FRPL
IPE	ICE Futures	Energy	NEC	Naphtha CIF NWE Cargoes Swap	Fut	Electronic	45.5	USD	FRPL				45.5	0.2	USD	FRPL
IPE	ICE Futures	Energy	NFB	New York 1% Fuel Oil vs Brent 1st Line Swap	Fut	Electronic	5.09	USD	FRPL				5.09	0.2	USD	FRPL
IPE	ICE Futures	Energy	NFG	ULSD 10ppm CIF NWE Cargoes vs Gasoil 1st Line Swap	Fut	Electronic	38.25	USD	FRPL				38.25	0.2	USD	FRPL
IPE	ICE Futures	Energy	NGC	Natural Gasoline, OPIS Conway In-Well, Fixed Price Swap	Fut	Electronic	10.75	USD	FRPL				10.75	0.2	USD	FRPL
IPE	ICE Futures	Energy	NGE	Natural Gasoline, OPIS Mt. Belvieu Non-TET, Fixed Price Swap	Fut	Electronic	10.75	USD	FRPL				10.75	0.2	USD	FRPL
IPE	ICE Futures	Energy	NGE	Natural Gasoline, OPIS Mt. Belvieu Non-TET, Fixed Price Swap	Opt	Electronic	10.75	USD	FRPL				10.75	0.15	EUR	FRPL
IPE	ICE Futures	Energy	NGL	Natural Gasoline, OPIS Mt. Belvieu TET, Fixed Price Swap	Fut	Electronic	10.75	USD	FRPL				10.75	0.2	USD	FRPL
IPE	ICE Futures	Energy	NGW	Natural Gasoline, OPIS Mt. Belvieu Non-TET vs WTI 1st Line Crude Differential Swap	Fut	Electronic	10.75	USD	FRPL				10.75	0.2	USD	FRPL
IPE	ICE Futures	Energy	NJC	Naphtha C+F Japan Swap	Fut	Electronic	45.5	USD	FRPL				45.5	0.2	USD	FRPL
IPE	ICE Futures	Energy	NNB	Brent NX Bullet Swap	Fut	Electronic	2.59	USD	FRPL				2.59	0.2	USD	FRPL
IPE	ICE Futures	Energy	NOB	Naphtha CIF NWE Cargoes vs Brent 1st Line Swap	Fut	Electronic	45.5	USD	FRPL				45.5	0.2	USD	FRPL
IPE	ICE Futures	Energy	NOE	WTI 1st Line vs Brent NX 1st Line Swap	Fut	Electronic	2.59	USD	FRPL				2.59	0.2	USD	FRPL
IPE	ICE Futures	Energy	NPT	Singapore Naphtha Swap	Fut	Electronic	5.09	USD	FRPL				5.09	0.2	USD	FRPL
IPE	ICE Futures	Energy	NUL	EU-Style Brent NX Swap	Opt	Electronic	2.59	USD	FRPL				2.59	0.15	EUR	FRPL
IPE	ICE Futures	Energy	NVS	Fuel Oil 3.5% FOB Med Cargoes vs 3.5% FOB Rotterdam Barges Swap	Fut	Electronic	32.75	USD	FRPL				32.75	0.2	USD	FRPL
IPE	ICE Futures	Energy	NXA	Argus Euro-Bob Oxy FOB Rotterdam Barges vs Brent NX 1st Line Swap	Fut	Electronic	42.65	USD	FRPL				42.65	0.2	USD	FRPL
IPE	ICE Futures	Energy	NXB	Dated Brent vs Brent NX 1st Line Swap	Fut	Electronic	2.59	USD	FRPL				2.59	0.2	USD	FRPL
IPE	ICE Futures	Energy	NXC	Fuel Oil 1% FOB NWE Cargoes vs Brent NX 1st Line Swap	Fut	Electronic	32.75	USD	FRPL				32.75	0.2	USD	FRPL
IPE	ICE Futures	Energy	NXD	Brent NX 1st Line vs Dubai 1st Line Swap	Fut	Electronic	2.59	USD	FRPL				2.59	0.2	USD	FRPL
IPE	ICE Futures	Energy	NXE	Gasoil 0.1% FOB Rotterdam Barges vs Brent NX 1st Line Swap	Fut	Electronic	38.25	USD	FRPL				38.25	0.2	USD	FRPL
IPE	ICE Futures	Energy	NXF	Fuel Oil 3.5% FOB Rotterdam Barges vs Brent NX 1st Line Swap	Fut	Electronic	32.75	USD	FRPL				32.75	0.2	USD	FRPL
IPE	ICE Futures	Energy	NXG	Gasoil 1st Line vs Brent NX 1st Line Swap	Fut	Electronic	5.09	USD	FRPL				5.09	0.2	USD	FRPL
IPE	ICE Futures	Energy	NXH	Heating Oil 1st Line vs Brent NX 1st Line Swap	Fut	Electronic	5.09	USD	FRPL				5.09	0.2	USD	FRPL
IPE	ICE Futures	Energy	NXJ	Argus LLS vs Brent NX 1st Line Swap	Fut	Electronic	2.59	USD	FRPL				2.59	0.2	USD	FRPL
IPE	ICE Futures	Energy	NXK	Argus Mars vs Brent NX 1st Line Swap	Fut	Electronic	2.59	USD	FRPL				2.59	0.2	USD	FRPL
IPE	ICE Futures	Energy	NXL	Low Sulphur Gasoil 1st Line vs Brent NX 1st Line Swap	Fut	Electronic	5.09	USD	FRPL				5.09	0.2	USD	FRPL
IPE	ICE Futures	Energy	NXM	Gasoil 1st Line vs Brent NX 1st Line Swap	Fut	Electronic	38.25	USD	FRPL				38.25	0.2	USD	FRPL
IPE	ICE Futures	Energy	NXN	Naphtha CIF NWE Cargoes vs Brent NX 1st Line Swap	Fut	Electronic	45.5	USD	FRPL				45.5	0.2	USD	FRPL
IPE	ICE Futures	Energy	NXO	USGC 3% Fuel Oil vs Brent NX 1st Line Swap	Fut	Electronic	5.09	USD	FRPL				5.09	0.2	USD	FRPL
IPE	ICE Futures	Energy	NXP	New York 1% Fuel Oil vs Brent NX 1st Line Swap	Fut	Electronic	5.09	USD	FRPL				5.09	0.2	USD	FRPL
IPE	ICE Futures	Energy	NXQ	Gasoil 0.1% CIF NWE Cargoes vs Brent NX 1st Line Swap	Fut	Electronic	38.25	USD	FRPL				38.25	0.2	USD	FRPL
IPE	ICE Futures	Energy	NXR	RBOB Gasoline 1st Line vs Brent NX 1st Line Swap	Fut	Electronic	5.09	USD	FRPL				5.09	0.2	USD	FRPL
IPE	ICE Futures	Energy	NXT	WTI vs Brent NX Bullet Swap	Fut	Electronic	2.59	USD	FRPL				2.59	0.2	USD	FRPL
IPE	ICE Futures	Energy	NXT	WTI vs Brent NX Bullet Swap	Opt	Electronic	2.59	USD	FRPL				2.59	0.15	EUR	FRPL
IPE	ICE Futures	Energy	NXU	Low Sulphur Gasoil 1st Line vs Brent NX 1st Line Swap	Fut	Electronic	38.25	USD	FRPL				38.25	0.2	USD	FRPL
IPE	ICE Futures	Energy	NXV	Gasoil 50ppm FOB Rotterdam Barges vs Brent NX 1st Line Swap	Fut	Electronic	38.25	USD	FRPL				38.25	0.2	USD	FRPL
IPE	ICE Futures	Energy	NXW	Brent NX 12 Month Calendar Spread Swap	Opt	Electronic	2.59	USD	FRPL				2.59	0.15	EUR	FRPL
IPE	ICE Futures	Energy	NXX	Brent NX 1-Month Calendar Spread Swap	Opt	Electronic	2.59	USD	FRPL				2.59	0.15	EUR	FRPL
IPE	ICE Futures	Energy	NXY	Fuel Oil 380 CST Singapore vs Brent NX 1st Line Swap	Fut	Electronic	32.75	USD	FRPL				32.75	0.2	USD	FRPL
IPE	ICE Futures	Energy	NXZ	Fuel Oil 180 CST Singapore vs Brent NX 1st Line Swap	Fut	Electronic	32.75	USD	FRPL				32.75	0.2	USD	FRPL
IPE	ICE Futures	Energy	O	New York Harbor Heating Oil Monthly	Fut	Electronic	0.82	USD	FRPL				0.82	0.2	USD	FRPL
IPE	ICE Futures	Energy	O	New York Harbor Heating Oil	Opt	Electronic	0.82	USD	FRPL				0.82	0.15	EUR	FRPL
IPE	ICE Futures	Energy	OPM	Fuel Oil 1% FOB Med Cargoes Swap	Fut	Electronic	32.75	USD	FRPL				32.75	0.2	USD	FRPL
IPE	ICE Futures	Energy	PDB	Dated Brent Swap	Fut	Electronic	2.59	USD	FRPL				2.59	0.2	USD	FRPL
IPE	ICE Futures	Energy	PDD	Dated Brent vs Dubai 1st Line Swap	Fut	Electronic	2.59	USD	FRPL				2.59	0.2	USD	FRPL
IPE	ICE Futures	Energy	PLM	Propane, OPIS Mt. Belvieu TET, Mini Fixed Price Swap	Fut	Electronic	1.08	USD	FRPL				1.08	0.2	USD	FRPL
IPE	ICE Futures	Energy	PRC	Propane, OPIS Conway In-Well, Fixed Price Swap	Fut	Electronic	10.75	USD	FRPL				10.75	0.2	USD	FRPL
IPE	ICE Futures	Energy	PRC	Propane, OPIS Conway In-Well, Fixed Price Swap	Opt	Electronic	10.75	USD	FRPL				10.75	0.15	EUR	FRPL
IPE	ICE Futures	Energy	PRH	Propane, OPIS Hattiesburg, Fixed Price Swap	Fut	Electronic	10.75	USD	FRPL				10.75	0.2	USD	FRPL
IPE	ICE Futures	Energy	PRL	Propane, OPIS Mt. Belvieu TET, Fixed Price Swap	Fut	Electronic	10.75	USD	FRPL				10.75	0.2	USD	FRPL

Exch Code	Exch Desc	Comm Group	Prod Code	Product Desc	F/O	Platform	Trd Fee	Trd Fee Cur	Trd Fee Meth	Clr Fee	Clr Fee Cur	Clr Fee Meth	Fee Total	Brk Fee	Brk Fee Cur	Brk Fee Meth
IPE	ICE Futures	Energy	PRL	Propane, OPIS Mt. Belvieu TET, Fixed Price Swap	Opt	Electronic	10.75	USD	FRPL				10.75	0.15	EUR	FRPL
IPE	ICE Futures	Energy	PRN	Propane, OPIS Mt. Belvieu Non-TET, Fixed Price Swap	Fut	Electronic	10.75	USD	FRPL				10.75	0.2	USD	FRPL
IPE	ICE Futures	Energy	R	WTI 1st Line Swap	Fut	Electronic	2.59	USD	FRPL				2.59	0.2	USD	FRPL
IPE	ICE Futures	Energy	R	WTI 1st Line Swap	Opt	Electronic	2.59	USD	FRPL				2.59	0.15	EUR	FRPL
IPE	ICE Futures	Energy	RBK	Platts Refined Diff - NYH RBOB 2:30 PM ET Settlement vs Platts 3:15 PM ET Swap Futures Assessment	Fut	Electronic	5.09	USD	FRPL				5.09	0.2	USD	FRPL
IPE	ICE Futures	Energy	RBL	Platts Refined Diff- NYH RBOB 2:30 PM ET Settlement vs. Platts 3:15 PM ET 2nd Month Spread Swap Futures Assessment	Fut	Electronic	5.09	USD	FRPL				5.09	0.2	USD	FRPL
IPE	ICE Futures	Energy	RBO	USGC 3% Fuel Oil Swap	Fut	Electronic	5.09	USD	FRPL				5.09	0.2	USD	FRPL
IPE	ICE Futures	Energy	RBR	RBOB Gasoline 1st Line vs Brent 1st Line Swap	Fut	Electronic	5.09	USD	FRPL				5.09	0.2	USD	FRPL
IPE	ICE Futures	Energy	RBS	RBOB Gasoline 1st Line Swap	Fut	Electronic	5.09	USD	FRPL				5.09	0.2	USD	FRPL
IPE	ICE Futures	Energy	RBS	RBOB Gasoline 1st Line Swap	Opt	Electronic	5.09	USD	FRPL				5.09	0.15	EUR	FRPL
IPE	ICE Futures	Energy	RBW	RBOB Gasoline 1st Line vs WTI 1st Line Swap	Fut	Electronic	5.09	USD	FRPL				5.09	0.2	USD	FRPL
IPE	ICE Futures	Energy	RFG	Gasoil 0.1% FOB Rotterdam Barges vs Gasoil 1st Line Swap	Fut	Electronic	38.25	USD	FRPL				38.25	0.2	USD	FRPL
IPE	ICE Futures	Energy	ROE	RBOB Gasoline 1st Line vs Argus Euro-Bob Oxy FOB Rotterdam Barge Swap	Fut	Electronic	42.65	USD	FRPL				42.65	0.2	USD	FRPL
IPE	ICE Futures	Energy	SAFR	Richards Bay Coal Seasonal	Fut	Electronic	54	USD	FRPL				54	0.2	USD	FRPL
IPE	ICE Futures	Energy	SATW	Rotterdam Coal Seasonal	Fut	Electronic	54	USD	FRPL				54	0.2	USD	FRPL
IPE	ICE Futures	Energy	SBS	Fuel Oil 180 CST Singapore vs Brent 1st Line Swap	Fut	Electronic	32.75	USD	FRPL				32.75	0.2	USD	FRPL
IPE	ICE Futures	Energy	SCP	Propane, Argus Saudi CP, Fixed Price Swap	Fut	Electronic	108	USD	FRPL				108	0.2	USD	FRPL
IPE	ICE Futures	Energy	SES	Fuel Oil 180 CST Singapore vs Dubai 1st Line Swap	Fut	Electronic	32.75	USD	FRPL				32.75	0.2	USD	FRPL
IPE	ICE Futures	Energy	SFS	Fuel Oil 180 CST Singapore vs 3.5% FOB Rotterdam Barges Swap	Fut	Electronic	32.75	USD	FRPL				32.75	0.2	USD	FRPL
IPE	ICE Futures	Energy	SJS	Fuel Oil 380 CST Singapore vs 3.5% FOB Rotterdam Barges Swap	Fut	Electronic	32.75	USD	FRPL				32.75	0.2	USD	FRPL
IPE	ICE Futures	Energy	SLS	Fuel Oil 380 CST Singapore vs Dubai 1st Line Swap	Fut	Electronic	32.75	USD	FRPL				32.75	0.2	USD	FRPL
IPE	ICE Futures	Energy	SMB	Singapore Mogas 97 Unleaded vs Singapore Mogas 95 Unleaded Swap	Fut	Electronic	5.09	USD	FRPL				5.09	0.2	USD	FRPL
IPE	ICE Futures	Energy	SMC	Singapore Mogas 97 Unleaded vs Singapore Mogas 92 Unleaded Swap	Fut	Electronic	5.09	USD	FRPL				5.09	0.2	USD	FRPL
IPE	ICE Futures	Energy	SMD	Singapore Mogas 95 Unleaded vs Singapore Mogas 92 Unleaded Swap	Fut	Electronic	5.09	USD	FRPL				5.09	0.2	USD	FRPL
IPE	ICE Futures	Energy	SMF	Singapore Mogas 95 Unleaded (Platts) Swap	Fut	Electronic	5.09	USD	FRPL				5.09	0.2	USD	FRPL
IPE	ICE Futures	Energy	SMS	Singapore Mogas 97 Unleaded (Platts) Swap	Fut	Electronic	5.09	USD	FRPL				5.09	0.2	USD	FRPL
IPE	ICE Futures	Energy	SMT	Singapore Mogas 92 Unleaded (Platts) Swap	Fut	Electronic	5.09	USD	FRPL				5.09	0.2	USD	FRPL
IPE	ICE Futures	Energy	SPS	Fuel Oil 380 CST Singapore vs Brent 1st Line Swap	Fut	Electronic	32.75	USD	FRPL				32.75	0.2	USD	FRPL
IPE	ICE Futures	Energy	SRS	Singapore Jet Kerosene Swap	Fut	Electronic	5.09	USD	FRPL				5.09	0.2	USD	FRPL
IPE	ICE Futures	Energy	STS	Fuel Oil 180 CST Singapore vs 380 CST Singapore Swap	Fut	Electronic	32.75	USD	FRPL				32.75	0.2	USD	FRPL
IPE	ICE Futures	Energy	SUB	FOB Indonesia Sub-Bituminous Coal Monthly	Fut	Electronic	9	USD	FRPL				9	0.2	USD	FRPL
IPE	ICE Futures	Energy	SUS	Singapore 0.5% Gasoil vs Gasoil 1st Line Swap	Fut	Electronic	5.09	USD	FRPL				5.09	0.2	USD	FRPL
IPE	ICE Futures	Energy	SVS	Singapore Jet Kero vs Singapore 0.5% Gasoil Swap	Fut	Electronic	5.09	USD	FRPL				5.09	0.2	USD	FRPL
IPE	ICE Futures	Energy	SVW	Singapore Jet Kero vs Singapore Gasoil Swap	Fut	Electronic	5.09	USD	FRPL				5.09	0.2	USD	FRPL
IPE	ICE Futures	Energy	SWS	Singapore Gasoil 0.05% Swap	Fut	Electronic	5.09	USD	FRPL				5.09	0.2	USD	FRPL
IPE	ICE Futures	Energy	SWV	Singapore Gasoil vs Gasoil 1st Line Swap	Fut	Electronic	5.09	USD	FRPL				5.09	0.2	USD	FRPL
IPE	ICE Futures	Energy	SWW	Singapore Gasoil vs Low Sulphur Gasoil 1st Line Swap	Fut	Electronic	5.09	USD	FRPL				5.09	0.2	USD	FRPL
IPE	ICE Futures	Energy	SXS	Singapore 0.5% Gasoil Swap	Fut	Electronic	5.09	USD	FRPL				5.09	0.2	USD	FRPL
IPE	ICE Futures	Energy	SYN	SYN TMX 1b Index Swap	Fut	Electronic	2.59	USD	FRPL				2.59	0.2	USD	FRPL
IPE	ICE Futures	Energy	SYS	Fuel Oil 380 CST Singapore Swap	Fut	Electronic	32.75	USD	FRPL				32.75	0.2	USD	FRPL
IPE	ICE Futures	Energy	SYY	Fuel Oil Mini 380 CST Singapore Swap	Fut	Electronic	3.27	USD	FRPL				3.27	0.2	USD	FRPL
IPE	ICE Futures	Energy	SZS	Fuel Oil 180 CST Singapore Swap	Fut	Electronic	32.75	USD	FRPL				32.75	0.2	USD	FRPL
IPE	ICE Futures	Energy	SZS	Fuel Oil 180 CST Singapore Swap	Opt	Electronic	32.75	USD	FRPL				32.75	0.15	EUR	FRPL
IPE	ICE Futures	Energy	SZZ	Fuel Oil Mini 180 CST Singapore Swap	Fut	Electronic	3.27	USD	FRPL				3.27	0.2	USD	FRPL
IPE	ICE Futures	Energy	T	WTI Light Sweet Crude Oil Monthly	Fut	Electronic	0.82	USD	FRPL				0.82	0.2	USD	FRPL
IPE	ICE Futures	Energy	T	WTI Light Sweet Crude Oil	Opt	Electronic	0.82	USD	FRPL				0.82	0.15	EUR	FRPL
IPE	ICE Futures	Energy	TAB	Argus Sour Crude Index (ASCI) Diff Calendar Swap	Fut	Electronic	2.59	USD	FRPL				2.59	0.2	USD	FRPL
IPE	ICE Futures	Energy	TCC	Capesize Timecharter (Baltic) Freight Swap	Fut	Electronic	24	USD	FRPL				24	0.2	USD	FRPL
IPE	ICE Futures	Energy	TCH	Handysize Timecharter (Baltic) Freight Swap	Fut	Electronic	19.5	USD	FRPL				19.5	0.2	USD	FRPL
IPE	ICE Futures	Energy	TCP	Panamax Timecharter (Baltic) Freight Swap	Fut	Electronic	19.5	USD	FRPL				19.5	0.2	USD	FRPL

Exch Code	Exch Desc	Comm Group	Prod Code	Product Desc	F/O	Platform	Trd Fee	Trd Fee Cur	Trd Fee Meth	Clr Fee	Clr Fee Cur	Clr Fee Meth	Fee Total	Brk Fee	Brk Fee Cur	Brk Fee Meth
IPE	ICE Futures	Energy	TCS	Supramax Timecharter (Baltic) Freight Swap	Fut	Electronic	18	USD	FRPL				18	0.2	USD	FRPL
IPE	ICE Futures	Energy	TDX	WCS TMX 1b Index Swap	Fut	Electronic	2.59	USD	FRPL				2.59	0.2	USD	FRPL
IPE	ICE Futures	Energy	TIA	WTI 1-Month Calendar Spread Swap	Opt	Electronic	2.59	USD	FRPL				2.59	0.15	EUR	FRPL
IPE	ICE Futures	Energy	TIB	WTI vs Brent Bullet Swap	Fut	Electronic	2.59	USD	FRPL				2.59	0.2	USD	FRPL
IPE	ICE Futures	Energy	TIB	WTI vs Brent Bullet Swap	Opt	Electronic	2.59	USD	FRPL				2.59	0.15	EUR	FRPL
IPE	ICE Futures	Energy	TIZ	WTI 12-Month Calendar Spread	Opt	Electronic	2.59	USD	FRPL				2.59	0.15	EUR	FRPL
IPE	ICE Futures	Energy	TOB	Argus Sour Crude Index (ASCI) Diff Trade-Month Swap	Fut	Electronic	2.59	USD	FRPL				2.59	0.2	USD	FRPL
IPE	ICE Futures	Energy	UBN	ULSD 10ppm CIF NWE Cargoes vs Brent 1st Line Swap	Fut	Electronic	5.09	USD	FRPL				5.09	0.2	USD	FRPL
IPE	ICE Futures	Energy	UCA	Central Appalachian Coal Monthly	Fut	Electronic	9	USD	FRPL				9	0.2	USD	FRPL
IPE	ICE Futures	Energy	UCB	Premium Unleaded Gasoline 10ppm FOB Med Cargoes Swap	Fut	Electronic	42.65	USD	FRPL				42.65	0.2	USD	FRPL
IPE	ICE Futures	Energy	UCF	Urals Med vs Dated Brent CFD Swap	Fut	Electronic	2.59	USD	FRPL				2.59	0.2	USD	FRPL
IPE	ICE Futures	Energy	UCM	ULSD 10ppm CIF Med Cargoes Swap	Fut	Electronic	38.25	USD	FRPL				38.25	0.2	USD	FRPL
IPE	ICE Futures	Energy	UCP	Powder River Basin Coal Monthly	Fut	Electronic	9	USD	FRPL				9	0.2	USD	FRPL
IPE	ICE Futures	Energy	UCX	CSX Coal Monthly	Fut	Electronic	9	USD	FRPL				9	0.2	USD	FRPL
IPE	ICE Futures	Energy	ULA	Low Sulphur Gasoil 1st Line Swap	Fut	Electronic	3.82	USD	FRPL				3.82	0.2	USD	FRPL
IPE	ICE Futures	Energy	ULA	Low Sulphur Gasoil 1st Line Swap	Opt	Electronic	3.82	USD	FRPL				3.82	0.15	EUR	FRPL
IPE	ICE Futures	Energy	ULB	Low Sulphur Gasoil 1st Line vs Gasoil 1st Line Swap	Fut	Electronic	3.82	USD	FRPL				3.82	0.2	USD	FRPL
IPE	ICE Futures	Energy	ULC	Low Sulphur Gasoil 1st Line vs Brent 1st Line Swap	Fut	Electronic	38.25	USD	FRPL				38.25	0.2	USD	FRPL
IPE	ICE Futures	Energy	ULD	Low Sulphur Gasoil 1st Line vs Brent 1st Line Swap	Fut	Electronic	5.09	USD	FRPL				5.09	0.2	USD	FRPL
IPE	ICE Futures	Energy	ULE	Diesel 10ppm FOB Rotterdam Barges vs Low Sulphur Gasoil 1st Line Swap	Fut	Electronic	38.25	USD	FRPL				38.25	0.2	USD	FRPL
IPE	ICE Futures	Energy	ULF	ULSD 10ppm CIF NWE Cargoes vs Low Sulphur Gasoil 1st Line Swap	Fut	Electronic	38.25	USD	FRPL				38.25	0.2	USD	FRPL
IPE	ICE Futures	Energy	ULG	Diesel 10ppm CIF NWE (Le Havre) Cargoes vs Low Sulphur Gasoil 1st Line Swap	Fut	Electronic	38.25	USD	FRPL				38.25	0.2	USD	FRPL
IPE	ICE Futures	Energy	ULH	Gasoil 50ppm FOB Rotterdam Barges vs Low Sulphur Gasoil 1st Line Swap	Fut	Electronic	38.25	USD	FRPL				38.25	0.2	USD	FRPL
IPE	ICE Futures	Energy	ULI	ULSD 10ppm CIF Med Cargoes vs Low Sulphur Gasoil 1st Line Swap	Fut	Electronic	38.25	USD	FRPL				38.25	0.2	USD	FRPL
IPE	ICE Futures	Energy	ULJ	Jet CIF NWE Cargoes vs Low Sulphur Gasoil 1st Line Swap	Fut	Electronic	40.4	USD	FRPL				40.4	0.2	USD	FRPL
IPE	ICE Futures	Energy	ULK	Jet FOB Rotterdam Barges vs Low Sulphur Gasoil 1st Line Swap	Fut	Electronic	40.4	USD	FRPL				40.4	0.2	USD	FRPL
IPE	ICE Futures	Energy	ULL	Heating Oil 1st Line vs Low Sulphur Gasoil 1st Line Swap	Fut	Electronic	38.25	USD	FRPL				38.25	0.2	USD	FRPL
IPE	ICE Futures	Energy	ULM	Heating Oil 1st Line vs Low Sulphur Gasoil 1st Line Swap	Fut	Electronic	5.09	USD	FRPL				5.09	0.2	USD	FRPL
IPE	ICE Futures	Energy	ULN	ULSD 10ppm CIF NWE Cargoes Swap	Fut	Electronic	38.25	USD	FRPL				38.25	0.2	USD	FRPL
IPE	ICE Futures	Energy	ULP	Singapore 0.5% Gasoil vs Low Sulphur Gasoil 1st Line Swap	Fut	Electronic	5.09	USD	FRPL				5.09	0.2	USD	FRPL
IPE	ICE Futures	Energy	ULQ	Gasoil 0.1% CIF Med Cargoes vs Low Sulphur Gasoil 1st Line Swap	Fut	Electronic	38.25	USD	FRPL				38.25	0.2	USD	FRPL
IPE	ICE Futures	Energy	ULR	Gasoil 0.1% FOB Rotterdam Barges vs Low Sulphur Gasoil 1st Line Swap	Fut	Electronic	38.25	USD	FRPL				38.25	0.2	USD	FRPL
IPE	ICE Futures	Energy	ULS	Low Sulphur Gasoil	Fut	Electronic	0.82	USD	FRPL				0.82	0.2	USD	FRPL
IPE	ICE Futures	Energy	ULS	Low Sulphur Gasoil	Opt	Electronic	0.82	USD	FRPL				0.82	0.15	EUR	FRPL
IPE	ICE Futures	Energy	ULT	Gasoil 0.1% CIF NWE Cargoes vs Low Sulphur Gasoil 1st Line Swap	Fut	Electronic	38.25	USD	FRPL				38.25	0.2	USD	FRPL
IPE	ICE Futures	Energy	ULU	Diesel 10ppm (UK) CIF NWE Cargoes vs Low Sulphur Gasoil 1st Line Swap	Fut	Electronic	38.25	USD	FRPL				38.25	0.2	USD	FRPL
IPE	ICE Futures	Energy	UUB	Low Sulphur Gasoil Bullet Swap	Fut	Electronic	3.82	USD	FRPL				3.82	0.2	USD	FRPL
IPE	ICE Futures	Energy	UUL	EU-Style Low Sulphur Gasoil Swap	Opt	Electronic	3.82	USD	FRPL				3.82	0.15	EUR	FRPL
IPE	ICE Futures	Energy	UUM	Low Sulphur Gasoil 1-Month Calendar Spread Swap	Opt	Electronic	3.82	USD	FRPL				3.82	0.15	EUR	FRPL
IPE	ICE Futures	Energy	VEA	Low Sulphur Gasoil 1st Line Balmo Swap Day 1	Fut	Electronic	3.82	USD	FRPL				3.82	0.2	USD	FRPL
IPE	ICE Futures	Energy	VEB	Low Sulphur Gasoil 1st Line Balmo Swap Day 2	Fut	Electronic	3.82	USD	FRPL				3.82	0.2	USD	FRPL
IPE	ICE Futures	Energy	VEC	Low Sulphur Gasoil 1st Line Balmo Swap Day 3	Fut	Electronic	3.82	USD	FRPL				3.82	0.2	USD	FRPL
IPE	ICE Futures	Energy	VED	Low Sulphur Gasoil 1st Line Balmo Swap Day 4	Fut	Electronic	3.82	USD	FRPL				3.82	0.2	USD	FRPL
IPE	ICE Futures	Energy	VEE	Low Sulphur Gasoil 1st Line Balmo Swap Day 5	Fut	Electronic	3.82	USD	FRPL				3.82	0.2	USD	FRPL
IPE	ICE Futures	Energy	VEF	Low Sulphur Gasoil 1st Line Balmo Swap Day 6	Fut	Electronic	3.82	USD	FRPL				3.82	0.2	USD	FRPL
IPE	ICE Futures	Energy	VEG	Low Sulphur Gasoil 1st Line Balmo Swap Day 7	Fut	Electronic	3.82	USD	FRPL				3.82	0.2	USD	FRPL
IPE	ICE Futures	Energy	VEH	Low Sulphur Gasoil 1st Line Balmo Swap Day 8	Fut	Electronic	3.82	USD	FRPL				3.82	0.2	USD	FRPL
IPE	ICE Futures	Energy	VEI	Low Sulphur Gasoil 1st Line Balmo Swap Day 9	Fut	Electronic	3.82	USD	FRPL				3.82	0.2	USD	FRPL
IPE	ICE Futures	Energy	VEJ	Low Sulphur Gasoil 1st Line Balmo Swap Day 10	Fut	Electronic	3.82	USD	FRPL				3.82	0.2	USD	FRPL

Exch Code	Exch Desc	Comm Group	Prod Code	Product Desc	F/O	Platform	Trd Fee	Trd Fee Cur	Trd Fee Meth	Clr Fee	Clr Fee Cur	Clr Fee Meth	Fee Total	Brk Fee	Brk Fee Cur	Brk Fee Meth
IPE	ICE Futures	Energy	VEK	Low Sulphur Gasoil 1st Line Balmo Swap Day 11	Fut	Electronic	3.82	USD	FRPL				3.82	0.2	USD	FRPL
IPE	ICE Futures	Energy	VEL	Low Sulphur Gasoil 1st Line Balmo Swap Day 12	Fut	Electronic	3.82	USD	FRPL				3.82	0.2	USD	FRPL
IPE	ICE Futures	Energy	VEM	Low Sulphur Gasoil 1st Line Balmo Swap Day 13	Fut	Electronic	3.82	USD	FRPL				3.82	0.2	USD	FRPL
IPE	ICE Futures	Energy	VEN	Low Sulphur Gasoil 1st Line Balmo Swap Day 14	Fut	Electronic	3.82	USD	FRPL				3.82	0.2	USD	FRPL
IPE	ICE Futures	Energy	VEO	Low Sulphur Gasoil 1st Line Balmo Swap Day 15	Fut	Electronic	3.82	USD	FRPL				3.82	0.2	USD	FRPL
IPE	ICE Futures	Energy	VEP	Low Sulphur Gasoil 1st Line Balmo Swap Day 16	Fut	Electronic	3.82	USD	FRPL				3.82	0.2	USD	FRPL
IPE	ICE Futures	Energy	VEQ	Low Sulphur Gasoil 1st Line Balmo Swap Day 17	Fut	Electronic	3.82	USD	FRPL				3.82	0.2	USD	FRPL
IPE	ICE Futures	Energy	VER	Low Sulphur Gasoil 1st Line Balmo Swap Day 18	Fut	Electronic	3.82	USD	FRPL				3.82	0.2	USD	FRPL
IPE	ICE Futures	Energy	VES	Low Sulphur Gasoil 1st Line Balmo Swap Day 19	Fut	Electronic	3.82	USD	FRPL				3.82	0.2	USD	FRPL
IPE	ICE Futures	Energy	VET	Low Sulphur Gasoil 1st Line Balmo Swap Day 20	Fut	Electronic	3.82	USD	FRPL				3.82	0.2	USD	FRPL
IPE	ICE Futures	Energy	VEU	Low Sulphur Gasoil 1st Line Balmo Swap Day 21	Fut	Electronic	3.82	USD	FRPL				3.82	0.2	USD	FRPL
IPE	ICE Futures	Energy	VEV	Low Sulphur Gasoil 1st Line Balmo Swap Day 22	Fut	Electronic	3.82	USD	FRPL				3.82	0.2	USD	FRPL
IPE	ICE Futures	Energy	VEW	Low Sulphur Gasoil 1st Line Balmo Swap Day 23	Fut	Electronic	3.82	USD	FRPL				3.82	0.2	USD	FRPL
IPE	ICE Futures	Energy	VEX	Low Sulphur Gasoil 1st Line Balmo Swap Day 24	Fut	Electronic	3.82	USD	FRPL				3.82	0.2	USD	FRPL
IPE	ICE Futures	Energy	VEY	Low Sulphur Gasoil 1st Line Balmo Swap Day 25	Fut	Electronic	3.82	USD	FRPL				3.82	0.2	USD	FRPL
IPE	ICE Futures	Energy	VEZ	Low Sulphur Gasoil 1st Line Balmo Swap Day 26	Fut	Electronic	3.82	USD	FRPL				3.82	0.2	USD	FRPL
IPE	ICE Futures	Energy	VFA	Low Sulphur Gasoil 1st Line Balmo Swap Day 27	Fut	Electronic	3.82	USD	FRPL				3.82	0.2	USD	FRPL
IPE	ICE Futures	Energy	VFB	Low Sulphur Gasoil 1st Line Balmo Swap Day 28	Fut	Electronic	3.82	USD	FRPL				3.82	0.2	USD	FRPL
IPE	ICE Futures	Energy	VFC	Low Sulphur Gasoil 1st Line Balmo Swap Day 29	Fut	Electronic	3.82	USD	FRPL				3.82	0.2	USD	FRPL
IPE	ICE Futures	Energy	VFD	Low Sulphur Gasoil 1st Line Balmo Swap Day 30	Fut	Electronic	3.82	USD	FRPL				3.82	0.2	USD	FRPL
IPE	ICE Futures	Energy	VFE	Low Sulphur Gasoil 1st Line Balmo Swap Day 31	Fut	Electronic	3.82	USD	FRPL				3.82	0.2	USD	FRPL
IPE	ICE Futures	Energy	VFF	Gasoil 0.1% CIF Med Cargoes vs Low Sulphur Gasoil 1st Line Balmo Swap Day 1	Fut	Electronic	38.25	USD	FRPL				38.25	0.2	USD	FRPL
IPE	ICE Futures	Energy	VFG	Gasoil 0.1% CIF Med Cargoes vs Low Sulphur Gasoil 1st Line Balmo Swap Day 2	Fut	Electronic	38.25	USD	FRPL				38.25	0.2	USD	FRPL
IPE	ICE Futures	Energy	VFH	Gasoil 0.1% CIF Med Cargoes vs Low Sulphur Gasoil 1st Line Balmo Swap Day 3	Fut	Electronic	38.25	USD	FRPL				38.25	0.2	USD	FRPL
IPE	ICE Futures	Energy	VFI	Gasoil 0.1% CIF Med Cargoes vs Low Sulphur Gasoil 1st Line Balmo Swap Day 4	Fut	Electronic	38.25	USD	FRPL				38.25	0.2	USD	FRPL
IPE	ICE Futures	Energy	VFJ	Gasoil 0.1% CIF Med Cargoes vs Low Sulphur Gasoil 1st Line Balmo Swap Day 5	Fut	Electronic	38.25	USD	FRPL				38.25	0.2	USD	FRPL
IPE	ICE Futures	Energy	VFK	Gasoil 0.1% CIF Med Cargoes vs Low Sulphur Gasoil 1st Line Balmo Swap Day 6	Fut	Electronic	38.25	USD	FRPL				38.25	0.2	USD	FRPL
IPE	ICE Futures	Energy	VFL	Gasoil 0.1% CIF Med Cargoes vs Low Sulphur Gasoil 1st Line Balmo Swap Day 7	Fut	Electronic	38.25	USD	FRPL				38.25	0.2	USD	FRPL
IPE	ICE Futures	Energy	VFM	Gasoil 0.1% CIF Med Cargoes vs Low Sulphur Gasoil 1st Line Balmo Swap Day 8	Fut	Electronic	38.25	USD	FRPL				38.25	0.2	USD	FRPL
IPE	ICE Futures	Energy	VFN	Gasoil 0.1% CIF Med Cargoes vs Low Sulphur Gasoil 1st Line Balmo Swap Day 9	Fut	Electronic	38.25	USD	FRPL				38.25	0.2	USD	FRPL
IPE	ICE Futures	Energy	VFO	Gasoil 0.1% CIF Med Cargoes vs Low Sulphur Gasoil 1st Line Balmo Swap Day 10	Fut	Electronic	38.25	USD	FRPL				38.25	0.2	USD	FRPL
IPE	ICE Futures	Energy	VFP	Gasoil 0.1% CIF Med Cargoes vs Low Sulphur Gasoil 1st Line Balmo Swap Day 11	Fut	Electronic	38.25	USD	FRPL				38.25	0.2	USD	FRPL
IPE	ICE Futures	Energy	VFQ	Gasoil 0.1% CIF Med Cargoes vs Low Sulphur Gasoil 1st Line Balmo Swap Day 12	Fut	Electronic	38.25	USD	FRPL				38.25	0.2	USD	FRPL
IPE	ICE Futures	Energy	VFR	Gasoil 0.1% CIF Med Cargoes vs Low Sulphur Gasoil 1st Line Balmo Swap Day 13	Fut	Electronic	38.25	USD	FRPL				38.25	0.2	USD	FRPL
IPE	ICE Futures	Energy	VFS	Gasoil 0.1% CIF Med Cargoes vs Low Sulphur Gasoil 1st Line Balmo Swap Day 14	Fut	Electronic	38.25	USD	FRPL				38.25	0.2	USD	FRPL
IPE	ICE Futures	Energy	VFT	Gasoil 0.1% CIF Med Cargoes vs Low Sulphur Gasoil 1st Line Balmo Swap Day 15	Fut	Electronic	38.25	USD	FRPL				38.25	0.2	USD	FRPL
IPE	ICE Futures	Energy	VFU	Gasoil 0.1% CIF Med Cargoes vs Low Sulphur Gasoil 1st Line Balmo Swap Day 16	Fut	Electronic	38.25	USD	FRPL				38.25	0.2	USD	FRPL
IPE	ICE Futures	Energy	VFV	Gasoil 0.1% CIF Med Cargoes vs Low Sulphur Gasoil 1st Line Balmo Swap Day 17	Fut	Electronic	38.25	USD	FRPL				38.25	0.2	USD	FRPL
IPE	ICE Futures	Energy	VFW	Gasoil 0.1% CIF Med Cargoes vs Low Sulphur Gasoil 1st Line Balmo Swap Day 18	Fut	Electronic	38.25	USD	FRPL				38.25	0.2	USD	FRPL
IPE	ICE Futures	Energy	VFX	Gasoil 0.1% CIF Med Cargoes vs Low Sulphur Gasoil 1st Line Balmo Swap Day 19	Fut	Electronic	38.25	USD	FRPL				38.25	0.2	USD	FRPL

Exch Code	Exch Desc	Comm Group	Prod Code	Product Desc	F/O	Platform	Trd Fee	Trd Fee Cur	Trd Fee Meth	Clr Fee	Clr Fee Cur	Clr Fee Meth	Fee Total	Brk Fee	Brk Fee Cur	Brk Fee Meth
IPE	ICE Futures	Energy	VFY	Gasoil 0.1% CIF Med Cargoes vs Low Sulphur Gasoil 1st Line Balmo Swap Day 20	Fut	Electronic	38.25	USD	FRPL				38.25	0.2	USD	FRPL
IPE	ICE Futures	Energy	VFZ	Gasoil 0.1% CIF Med Cargoes vs Low Sulphur Gasoil 1st Line Balmo Swap Day 21	Fut	Electronic	38.25	USD	FRPL				38.25	0.2	USD	FRPL
IPE	ICE Futures	Energy	VGA	Gasoil 0.1% CIF Med Cargoes vs Low Sulphur Gasoil 1st Line Balmo Swap Day 22	Fut	Electronic	38.25	USD	FRPL				38.25	0.2	USD	FRPL
IPE	ICE Futures	Energy	VGB	Gasoil 0.1% CIF Med Cargoes vs Low Sulphur Gasoil 1st Line Balmo Swap Day 23	Fut	Electronic	38.25	USD	FRPL				38.25	0.2	USD	FRPL
IPE	ICE Futures	Energy	VGC	Gasoil 0.1% CIF Med Cargoes vs Low Sulphur Gasoil 1st Line Balmo Swap Day 24	Fut	Electronic	38.25	USD	FRPL				38.25	0.2	USD	FRPL
IPE	ICE Futures	Energy	VGD	Gasoil 0.1% CIF Med Cargoes vs Low Sulphur Gasoil 1st Line Balmo Swap Day 25	Fut	Electronic	38.25	USD	FRPL				38.25	0.2	USD	FRPL
IPE	ICE Futures	Energy	VGE	Gasoil 0.1% CIF Med Cargoes vs Low Sulphur Gasoil 1st Line Balmo Swap Day 26	Fut	Electronic	38.25	USD	FRPL				38.25	0.2	USD	FRPL
IPE	ICE Futures	Energy	VGF	Gasoil 0.1% CIF Med Cargoes vs Low Sulphur Gasoil 1st Line Balmo Swap Day 27	Fut	Electronic	38.25	USD	FRPL				38.25	0.2	USD	FRPL
IPE	ICE Futures	Energy	VGG	Gasoil 0.1% CIF Med Cargoes vs Low Sulphur Gasoil 1st Line Balmo Swap Day 28	Fut	Electronic	38.25	USD	FRPL				38.25	0.2	USD	FRPL
IPE	ICE Futures	Energy	VGH	Gasoil 0.1% CIF Med Cargoes vs Low Sulphur Gasoil 1st Line Balmo Swap Day 29	Fut	Electronic	38.25	USD	FRPL				38.25	0.2	USD	FRPL
IPE	ICE Futures	Energy	VGI	Gasoil 0.1% CIF Med Cargoes vs Low Sulphur Gasoil 1st Line Balmo Swap Day 30	Fut	Electronic	38.25	USD	FRPL				38.25	0.2	USD	FRPL
IPE	ICE Futures	Energy	VGJ	Gasoil 0.1% CIF Med Cargoes vs Low Sulphur Gasoil 1st Line Balmo Swap Day 31	Fut	Electronic	38.25	USD	FRPL				38.25	0.2	USD	FRPL
IPE	ICE Futures	Energy	VGK	Gasoil 0.1% CIF NWE Cargoes vs Low Sulphur Gasoil 1st Line Balmo Swap Day 1	Fut	Electronic	38.25	USD	FRPL				38.25	0.2	USD	FRPL
IPE	ICE Futures	Energy	VGL	Gasoil 0.1% CIF NWE Cargoes vs Low Sulphur Gasoil 1st Line Balmo Swap Day 2	Fut	Electronic	38.25	USD	FRPL				38.25	0.2	USD	FRPL
IPE	ICE Futures	Energy	VGM	Gasoil 0.1% CIF NWE Cargoes vs Low Sulphur Gasoil 1st Line Balmo Swap Day 3	Fut	Electronic	38.25	USD	FRPL				38.25	0.2	USD	FRPL
IPE	ICE Futures	Energy	VGN	Gasoil 0.1% CIF NWE Cargoes vs Low Sulphur Gasoil 1st Line Balmo Swap Day 4	Fut	Electronic	38.25	USD	FRPL				38.25	0.2	USD	FRPL
IPE	ICE Futures	Energy	VGO	Gasoil 0.1% CIF NWE Cargoes vs Low Sulphur Gasoil 1st Line Balmo Swap Day 5	Fut	Electronic	38.25	USD	FRPL				38.25	0.2	USD	FRPL
IPE	ICE Futures	Energy	VGP	Gasoil 0.1% CIF NWE Cargoes vs Low Sulphur Gasoil 1st Line Balmo Swap Day 6	Fut	Electronic	38.25	USD	FRPL				38.25	0.2	USD	FRPL
IPE	ICE Futures	Energy	VGQ	Gasoil 0.1% CIF NWE Cargoes vs Low Sulphur Gasoil 1st Line Balmo Swap Day 7	Fut	Electronic	38.25	USD	FRPL				38.25	0.2	USD	FRPL
IPE	ICE Futures	Energy	VGR	Gasoil 0.1% CIF NWE Cargoes vs Low Sulphur Gasoil 1st Line Balmo Swap Day 8	Fut	Electronic	38.25	USD	FRPL				38.25	0.2	USD	FRPL
IPE	ICE Futures	Energy	VGS	Gasoil 0.1% CIF NWE Cargoes vs Low Sulphur Gasoil 1st Line Balmo Swap Day 9	Fut	Electronic	38.25	USD	FRPL				38.25	0.2	USD	FRPL
IPE	ICE Futures	Energy	VGT	Gasoil 0.1% CIF NWE Cargoes vs Low Sulphur Gasoil 1st Line Balmo Swap Day 10	Fut	Electronic	38.25	USD	FRPL				38.25	0.2	USD	FRPL
IPE	ICE Futures	Energy	VGU	Gasoil 0.1% CIF NWE Cargoes vs Low Sulphur Gasoil 1st Line Balmo Swap Day 11	Fut	Electronic	38.25	USD	FRPL				38.25	0.2	USD	FRPL
IPE	ICE Futures	Energy	VGV	Gasoil 0.1% CIF NWE Cargoes vs Low Sulphur Gasoil 1st Line Balmo Swap Day 12	Fut	Electronic	38.25	USD	FRPL				38.25	0.2	USD	FRPL
IPE	ICE Futures	Energy	VGW	Gasoil 0.1% CIF NWE Cargoes vs Low Sulphur Gasoil 1st Line Balmo Swap Day 13	Fut	Electronic	38.25	USD	FRPL				38.25	0.2	USD	FRPL
IPE	ICE Futures	Energy	VGX	Gasoil 0.1% CIF NWE Cargoes vs Low Sulphur Gasoil 1st Line Balmo Swap Day 14	Fut	Electronic	38.25	USD	FRPL				38.25	0.2	USD	FRPL
IPE	ICE Futures	Energy	VGY	Gasoil 0.1% CIF NWE Cargoes vs Low Sulphur Gasoil 1st Line Balmo Swap Day 15	Fut	Electronic	38.25	USD	FRPL				38.25	0.2	USD	FRPL
IPE	ICE Futures	Energy	VGZ	Gasoil 0.1% CIF NWE Cargoes vs Low Sulphur Gasoil 1st Line Balmo Swap Day 16	Fut	Electronic	38.25	USD	FRPL				38.25	0.2	USD	FRPL
IPE	ICE Futures	Energy	VHA	Gasoil 0.1% CIF NWE Cargoes vs Low Sulphur Gasoil 1st Line Balmo Swap Day 17	Fut	Electronic	38.25	USD	FRPL				38.25	0.2	USD	FRPL

Exch Code	Exch Desc	Comm Group	Prod Code	Product Desc	F/O	Platform	Trd Fee	Trd Fee Cur	Trd Fee Meth	Clr Fee	Clr Fee Cur	Clr Fee Meth	Fee Total	Brk Fee	Brk Fee Cur	Brk Fee Meth
IPE	ICE Futures	Energy	VHB	Gasoil 0.1% CIF NWE Cargoes vs Low Sulphur Gasoil 1st Line Balmo Swap Day 18	Fut	Electronic	38.25	USD	FRPL				38.25	0.2	USD	FRPL
IPE	ICE Futures	Energy	VHC	Gasoil 0.1% CIF NWE Cargoes vs Low Sulphur Gasoil 1st Line Balmo Swap Day 19	Fut	Electronic	38.25	USD	FRPL				38.25	0.2	USD	FRPL
IPE	ICE Futures	Energy	VHD	Gasoil 0.1% CIF NWE Cargoes vs Low Sulphur Gasoil 1st Line Balmo Swap Day 20	Fut	Electronic	38.25	USD	FRPL				38.25	0.2	USD	FRPL
IPE	ICE Futures	Energy	VHE	Gasoil 0.1% CIF NWE Cargoes vs Low Sulphur Gasoil 1st Line Balmo Swap Day 21	Fut	Electronic	38.25	USD	FRPL				38.25	0.2	USD	FRPL
IPE	ICE Futures	Energy	VHF	Gasoil 0.1% CIF NWE Cargoes vs Low Sulphur Gasoil 1st Line Balmo Swap Day 22	Fut	Electronic	38.25	USD	FRPL				38.25	0.2	USD	FRPL
IPE	ICE Futures	Energy	VHG	Gasoil 0.1% CIF NWE Cargoes vs Low Sulphur Gasoil 1st Line Balmo Swap Day 23	Fut	Electronic	38.25	USD	FRPL				38.25	0.2	USD	FRPL
IPE	ICE Futures	Energy	VHH	Gasoil 0.1% CIF NWE Cargoes vs Low Sulphur Gasoil 1st Line Balmo Swap Day 24	Fut	Electronic	38.25	USD	FRPL				38.25	0.2	USD	FRPL
IPE	ICE Futures	Energy	VHI	Gasoil 0.1% CIF NWE Cargoes vs Low Sulphur Gasoil 1st Line Balmo Swap Day 25	Fut	Electronic	38.25	USD	FRPL				38.25	0.2	USD	FRPL
IPE	ICE Futures	Energy	VHJ	Gasoil 0.1% CIF NWE Cargoes vs Low Sulphur Gasoil 1st Line Balmo Swap Day 26	Fut	Electronic	38.25	USD	FRPL				38.25	0.2	USD	FRPL
IPE	ICE Futures	Energy	VHK	Gasoil 0.1% CIF NWE Cargoes vs Low Sulphur Gasoil 1st Line Balmo Swap Day 27	Fut	Electronic	38.25	USD	FRPL				38.25	0.2	USD	FRPL
IPE	ICE Futures	Energy	VHL	Gasoil 0.1% CIF NWE Cargoes vs Low Sulphur Gasoil 1st Line Balmo Swap Day 28	Fut	Electronic	38.25	USD	FRPL				38.25	0.2	USD	FRPL
IPE	ICE Futures	Energy	VHM	Gasoil 0.1% CIF NWE Cargoes vs Low Sulphur Gasoil 1st Line Balmo Swap Day 29	Fut	Electronic	38.25	USD	FRPL				38.25	0.2	USD	FRPL
IPE	ICE Futures	Energy	VHN	Gasoil 0.1% CIF NWE Cargoes vs Low Sulphur Gasoil 1st Line Balmo Swap Day 30	Fut	Electronic	38.25	USD	FRPL				38.25	0.2	USD	FRPL
IPE	ICE Futures	Energy	VHO	Gasoil 0.1% CIF NWE Cargoes vs Low Sulphur Gasoil 1st Line Balmo Swap Day 31	Fut	Electronic	38.25	USD	FRPL				38.25	0.2	USD	FRPL
IPE	ICE Futures	Energy	VHP	Gasoil 0.1% FOB Rotterdam Barges vs Low Sulphur Gasoil 1st Line Balmo Swap Day 1	Fut	Electronic	38.25	USD	FRPL				38.25	0.2	USD	FRPL
IPE	ICE Futures	Energy	VHQ	Gasoil 0.1% FOB Rotterdam Barges vs Low Sulphur Gasoil 1st Line Balmo Swap Day 2	Fut	Electronic	38.25	USD	FRPL				38.25	0.2	USD	FRPL
IPE	ICE Futures	Energy	VHR	Gasoil 0.1% FOB Rotterdam Barges vs Low Sulphur Gasoil 1st Line Balmo Swap Day 3	Fut	Electronic	38.25	USD	FRPL				38.25	0.2	USD	FRPL
IPE	ICE Futures	Energy	VHS	Gasoil 0.1% FOB Rotterdam Barges vs Low Sulphur Gasoil 1st Line Balmo Swap Day 4	Fut	Electronic	38.25	USD	FRPL				38.25	0.2	USD	FRPL
IPE	ICE Futures	Energy	VHT	Gasoil 0.1% FOB Rotterdam Barges vs Low Sulphur Gasoil 1st Line Balmo Swap Day 5	Fut	Electronic	38.25	USD	FRPL				38.25	0.2	USD	FRPL
IPE	ICE Futures	Energy	VHU	Gasoil 0.1% FOB Rotterdam Barges vs Low Sulphur Gasoil 1st Line Balmo Swap Day 6	Fut	Electronic	38.25	USD	FRPL				38.25	0.2	USD	FRPL
IPE	ICE Futures	Energy	VHV	Gasoil 0.1% FOB Rotterdam Barges vs Low Sulphur Gasoil 1st Line Balmo Swap Day 7	Fut	Electronic	38.25	USD	FRPL				38.25	0.2	USD	FRPL
IPE	ICE Futures	Energy	VHW	Gasoil 0.1% FOB Rotterdam Barges vs Low Sulphur Gasoil 1st Line Balmo Swap Day 8	Fut	Electronic	38.25	USD	FRPL				38.25	0.2	USD	FRPL
IPE	ICE Futures	Energy	VHX	Gasoil 0.1% FOB Rotterdam Barges vs Low Sulphur Gasoil 1st Line Balmo Swap Day 9	Fut	Electronic	38.25	USD	FRPL				38.25	0.2	USD	FRPL
IPE	ICE Futures	Energy	VHY	Gasoil 0.1% FOB Rotterdam Barges vs Low Sulphur Gasoil 1st Line Balmo Swap Day 10	Fut	Electronic	38.25	USD	FRPL				38.25	0.2	USD	FRPL
IPE	ICE Futures	Energy	VHZ	Gasoil 0.1% FOB Rotterdam Barges vs Low Sulphur Gasoil 1st Line Balmo Swap Day 11	Fut	Electronic	38.25	USD	FRPL				38.25	0.2	USD	FRPL
IPE	ICE Futures	Energy	VIA	Gasoil 0.1% FOB Rotterdam Barges vs Low Sulphur Gasoil 1st Line Balmo Swap Day 12	Fut	Electronic	38.25	USD	FRPL				38.25	0.2	USD	FRPL
IPE	ICE Futures	Energy	VIB	Gasoil 0.1% FOB Rotterdam Barges vs Low Sulphur Gasoil 1st Line Balmo Swap Day 13	Fut	Electronic	38.25	USD	FRPL				38.25	0.2	USD	FRPL
IPE	ICE Futures	Energy	VIC	Gasoil 0.1% FOB Rotterdam Barges vs Low Sulphur Gasoil 1st Line Balmo Swap Day 14	Fut	Electronic	38.25	USD	FRPL				38.25	0.2	USD	FRPL
IPE	ICE Futures	Energy	VID	Gasoil 0.1% FOB Rotterdam Barges vs Low Sulphur Gasoil 1st Line Balmo Swap Day 15	Fut	Electronic	38.25	USD	FRPL				38.25	0.2	USD	FRPL

Exch Code	Exch Desc	Comm Group	Prod Code	Product Desc	F/O	Platform	Trd Fee	Trd Fee Cur	Trd Fee Meth	Clr Fee	Clr Fee Cur	Clr Fee Meth	Fee Total	Brk Fee	Brk Fee Cur	Brk Fee Meth
IPE	ICE Futures	Energy	VIE	Gasoil 0.1% FOB Rotterdam Barges vs Low Sulphur Gasoil 1st Line Balmo Swap Day 16	Fut	Electronic	38.25	USD	FRPL				38.25	0.2	USD	FRPL
IPE	ICE Futures	Energy	VIF	Gasoil 0.1% FOB Rotterdam Barges vs Low Sulphur Gasoil 1st Line Balmo Swap Day 17	Fut	Electronic	38.25	USD	FRPL				38.25	0.2	USD	FRPL
IPE	ICE Futures	Energy	VIG	Gasoil 0.1% FOB Rotterdam Barges vs Low Sulphur Gasoil 1st Line Balmo Swap Day 18	Fut	Electronic	38.25	USD	FRPL				38.25	0.2	USD	FRPL
IPE	ICE Futures	Energy	VIH	Gasoil 0.1% FOB Rotterdam Barges vs Low Sulphur Gasoil 1st Line Balmo Swap Day 19	Fut	Electronic	38.25	USD	FRPL				38.25	0.2	USD	FRPL
IPE	ICE Futures	Energy	VII	Gasoil 0.1% FOB Rotterdam Barges vs Low Sulphur Gasoil 1st Line Balmo Swap Day 20	Fut	Electronic	38.25	USD	FRPL				38.25	0.2	USD	FRPL
IPE	ICE Futures	Energy	VIJ	Gasoil 0.1% FOB Rotterdam Barges vs Low Sulphur Gasoil 1st Line Balmo Swap Day 21	Fut	Electronic	38.25	USD	FRPL				38.25	0.2	USD	FRPL
IPE	ICE Futures	Energy	VIK	Gasoil 0.1% FOB Rotterdam Barges vs Low Sulphur Gasoil 1st Line Balmo Swap Day 22	Fut	Electronic	38.25	USD	FRPL				38.25	0.2	USD	FRPL
IPE	ICE Futures	Energy	VIL	Gasoil 0.1% FOB Rotterdam Barges vs Low Sulphur Gasoil 1st Line Balmo Swap Day 23	Fut	Electronic	38.25	USD	FRPL				38.25	0.2	USD	FRPL
IPE	ICE Futures	Energy	VIM	Gasoil 0.1% FOB Rotterdam Barges vs Low Sulphur Gasoil 1st Line Balmo Swap Day 24	Fut	Electronic	38.25	USD	FRPL				38.25	0.2	USD	FRPL
IPE	ICE Futures	Energy	VIN	Gasoil 0.1% FOB Rotterdam Barges vs Low Sulphur Gasoil 1st Line Balmo Swap Day 25	Fut	Electronic	38.25	USD	FRPL				38.25	0.2	USD	FRPL
IPE	ICE Futures	Energy	VIO	Gasoil 0.1% FOB Rotterdam Barges vs Low Sulphur Gasoil 1st Line Balmo Swap Day 26	Fut	Electronic	38.25	USD	FRPL				38.25	0.2	USD	FRPL
IPE	ICE Futures	Energy	VIP	Gasoil 0.1% FOB Rotterdam Barges vs Low Sulphur Gasoil 1st Line Balmo Swap Day 27	Fut	Electronic	38.25	USD	FRPL				38.25	0.2	USD	FRPL
IPE	ICE Futures	Energy	VIQ	Gasoil 0.1% FOB Rotterdam Barges vs Low Sulphur Gasoil 1st Line Balmo Swap Day 28	Fut	Electronic	38.25	USD	FRPL				38.25	0.2	USD	FRPL
IPE	ICE Futures	Energy	VIR	Gasoil 0.1% FOB Rotterdam Barges vs Low Sulphur Gasoil 1st Line Balmo Swap Day 29	Fut	Electronic	38.25	USD	FRPL				38.25	0.2	USD	FRPL
IPE	ICE Futures	Energy	VIS	Gasoil 0.1% FOB Rotterdam Barges vs Low Sulphur Gasoil 1st Line Balmo Swap Day 30	Fut	Electronic	38.25	USD	FRPL				38.25	0.2	USD	FRPL
IPE	ICE Futures	Energy	VIT	Gasoil 0.1% FOB Rotterdam Barges vs Low Sulphur Gasoil 1st Line Balmo Swap Day 31	Fut	Electronic	38.25	USD	FRPL				38.25	0.2	USD	FRPL
IPE	ICE Futures	Energy	VIU	Diesel 10ppm (UK) CIF NWE Cargoes vs Low Sulphur Gasoil 1st Line Balmo Swap Day 1	Fut	Electronic	38.25	USD	FRPL				38.25	0.2	USD	FRPL
IPE	ICE Futures	Energy	VIV	Diesel 10ppm (UK) CIF NWE Cargoes vs Low Sulphur Gasoil 1st Line Balmo Swap Day 2	Fut	Electronic	38.25	USD	FRPL				38.25	0.2	USD	FRPL
IPE	ICE Futures	Energy	VIW	Diesel 10ppm (UK) CIF NWE Cargoes vs Low Sulphur Gasoil 1st Line Balmo Swap Day 3	Fut	Electronic	38.25	USD	FRPL				38.25	0.2	USD	FRPL
IPE	ICE Futures	Energy	VIX	Diesel 10ppm (UK) CIF NWE Cargoes vs Low Sulphur Gasoil 1st Line Balmo Swap Day 4	Fut	Electronic	38.25	USD	FRPL				38.25	0.2	USD	FRPL
IPE	ICE Futures	Energy	VIY	Diesel 10ppm (UK) CIF NWE Cargoes vs Low Sulphur Gasoil 1st Line Balmo Swap Day 5	Fut	Electronic	38.25	USD	FRPL				38.25	0.2	USD	FRPL
IPE	ICE Futures	Energy	VIZ	Diesel 10ppm (UK) CIF NWE Cargoes vs Low Sulphur Gasoil 1st Line Balmo Swap Day 6	Fut	Electronic	38.25	USD	FRPL				38.25	0.2	USD	FRPL
IPE	ICE Futures	Energy	VJA	Diesel 10ppm (UK) CIF NWE Cargoes vs Low Sulphur Gasoil 1st Line Balmo Swap Day 7	Fut	Electronic	38.25	USD	FRPL				38.25	0.2	USD	FRPL
IPE	ICE Futures	Energy	VJB	Diesel 10ppm (UK) CIF NWE Cargoes vs Low Sulphur Gasoil 1st Line Balmo Swap Day 8	Fut	Electronic	38.25	USD	FRPL				38.25	0.2	USD	FRPL
IPE	ICE Futures	Energy	VJC	Diesel 10ppm (UK) CIF NWE Cargoes vs Low Sulphur Gasoil 1st Line Balmo Swap Day 9	Fut	Electronic	38.25	USD	FRPL				38.25	0.2	USD	FRPL
IPE	ICE Futures	Energy	VJD	Diesel 10ppm (UK) CIF NWE Cargoes vs Low Sulphur Gasoil 1st Line Balmo Swap Day 10	Fut	Electronic	38.25	USD	FRPL				38.25	0.2	USD	FRPL
IPE	ICE Futures	Energy	VJE	Diesel 10ppm (UK) CIF NWE Cargoes vs Low Sulphur Gasoil 1st Line Balmo Swap Day 11	Fut	Electronic	38.25	USD	FRPL				38.25	0.2	USD	FRPL
IPE	ICE Futures	Energy	VJF	Diesel 10ppm (UK) CIF NWE Cargoes vs Low Sulphur Gasoil 1st Line Balmo Swap Day 12	Fut	Electronic	38.25	USD	FRPL				38.25	0.2	USD	FRPL
IPE	ICE Futures	Energy	VJG	Diesel 10ppm (UK) CIF NWE Cargoes vs Low Sulphur Gasoil 1st Line Balmo Swap Day 13	Fut	Electronic	38.25	USD	FRPL				38.25	0.2	USD	FRPL

Exch Code	Exch Desc	Comm Group	Prod Code	Product Desc	F/O	Platform	Trd Fee	Trd Fee Cur	Trd Fee Meth	Clr Fee	Clr Fee Cur	Clr Fee Meth	Fee Total	Brk Fee	Brk Fee Cur	Brk Fee Meth
IPE	ICE Futures	Energy	VJH	Diesel 10ppm (UK) CIF NWE Cargoes vs Low Sulphur Gasoil 1st Line Balmo Swap Day 14	Fut	Electronic	38.25	USD	FRPL				38.25	0.2	USD	FRPL
IPE	ICE Futures	Energy	VJI	Diesel 10ppm (UK) CIF NWE Cargoes vs Low Sulphur Gasoil 1st Line Balmo Swap Day 15	Fut	Electronic	38.25	USD	FRPL				38.25	0.2	USD	FRPL
IPE	ICE Futures	Energy	VJJ	Diesel 10ppm (UK) CIF NWE Cargoes vs Low Sulphur Gasoil 1st Line Balmo Swap Day 16	Fut	Electronic	38.25	USD	FRPL				38.25	0.2	USD	FRPL
IPE	ICE Futures	Energy	VJK	Diesel 10ppm (UK) CIF NWE Cargoes vs Low Sulphur Gasoil 1st Line Balmo Swap Day 17	Fut	Electronic	38.25	USD	FRPL				38.25	0.2	USD	FRPL
IPE	ICE Futures	Energy	VJL	Diesel 10ppm (UK) CIF NWE Cargoes vs Low Sulphur Gasoil 1st Line Balmo Swap Day 18	Fut	Electronic	38.25	USD	FRPL				38.25	0.2	USD	FRPL
IPE	ICE Futures	Energy	VJM	Diesel 10ppm (UK) CIF NWE Cargoes vs Low Sulphur Gasoil 1st Line Balmo Swap Day 19	Fut	Electronic	38.25	USD	FRPL				38.25	0.2	USD	FRPL
IPE	ICE Futures	Energy	VJN	Diesel 10ppm (UK) CIF NWE Cargoes vs Low Sulphur Gasoil 1st Line Balmo Swap Day 20	Fut	Electronic	38.25	USD	FRPL				38.25	0.2	USD	FRPL
IPE	ICE Futures	Energy	VJO	Diesel 10ppm (UK) CIF NWE Cargoes vs Low Sulphur Gasoil 1st Line Balmo Swap Day 21	Fut	Electronic	38.25	USD	FRPL				38.25	0.2	USD	FRPL
IPE	ICE Futures	Energy	VJP	Diesel 10ppm (UK) CIF NWE Cargoes vs Low Sulphur Gasoil 1st Line Balmo Swap Day 22	Fut	Electronic	38.25	USD	FRPL				38.25	0.2	USD	FRPL
IPE	ICE Futures	Energy	VJQ	Diesel 10ppm (UK) CIF NWE Cargoes vs Low Sulphur Gasoil 1st Line Balmo Swap Day 23	Fut	Electronic	38.25	USD	FRPL				38.25	0.2	USD	FRPL
IPE	ICE Futures	Energy	VJR	Diesel 10ppm (UK) CIF NWE Cargoes vs Low Sulphur Gasoil 1st Line Balmo Swap Day 24	Fut	Electronic	38.25	USD	FRPL				38.25	0.2	USD	FRPL
IPE	ICE Futures	Energy	VJS	Diesel 10ppm (UK) CIF NWE Cargoes vs Low Sulphur Gasoil 1st Line Balmo Swap Day 25	Fut	Electronic	38.25	USD	FRPL				38.25	0.2	USD	FRPL
IPE	ICE Futures	Energy	VJT	Diesel 10ppm (UK) CIF NWE Cargoes vs Low Sulphur Gasoil 1st Line Balmo Swap Day 26	Fut	Electronic	38.25	USD	FRPL				38.25	0.2	USD	FRPL
IPE	ICE Futures	Energy	VJU	Diesel 10ppm (UK) CIF NWE Cargoes vs Low Sulphur Gasoil 1st Line Balmo Swap Day 27	Fut	Electronic	38.25	USD	FRPL				38.25	0.2	USD	FRPL
IPE	ICE Futures	Energy	VJV	Diesel 10ppm (UK) CIF NWE Cargoes vs Low Sulphur Gasoil 1st Line Balmo Swap Day 28	Fut	Electronic	38.25	USD	FRPL				38.25	0.2	USD	FRPL
IPE	ICE Futures	Energy	VJW	Diesel 10ppm (UK) CIF NWE Cargoes vs Low Sulphur Gasoil 1st Line Balmo Swap Day 29	Fut	Electronic	38.25	USD	FRPL				38.25	0.2	USD	FRPL
IPE	ICE Futures	Energy	VJX	Diesel 10ppm (UK) CIF NWE Cargoes vs Low Sulphur Gasoil 1st Line Balmo Swap Day 30	Fut	Electronic	38.25	USD	FRPL				38.25	0.2	USD	FRPL
IPE	ICE Futures	Energy	VJY	Diesel 10ppm (UK) CIF NWE Cargoes vs Low Sulphur Gasoil 1st Line Balmo Swap Day 31	Fut	Electronic	38.25	USD	FRPL				38.25	0.2	USD	FRPL
IPE	ICE Futures	Energy	VJZ	Diesel 10ppm FOB Rotterdam Barges vs Low Sulphur Gasoil 1st Line Balmo Swap Day 1	Fut	Electronic	38.25	USD	FRPL				38.25	0.2	USD	FRPL
IPE	ICE Futures	Energy	VKA	Diesel 10ppm FOB Rotterdam Barges vs Low Sulphur Gasoil 1st Line Balmo Swap Day 2	Fut	Electronic	38.25	USD	FRPL				38.25	0.2	USD	FRPL
IPE	ICE Futures	Energy	VKB	Diesel 10ppm FOB Rotterdam Barges vs Low Sulphur Gasoil 1st Line Balmo Swap Day 3	Fut	Electronic	38.25	USD	FRPL				38.25	0.2	USD	FRPL
IPE	ICE Futures	Energy	VKC	Diesel 10ppm FOB Rotterdam Barges vs Low Sulphur Gasoil 1st Line Balmo Swap Day 4	Fut	Electronic	38.25	USD	FRPL				38.25	0.2	USD	FRPL
IPE	ICE Futures	Energy	VKD	Diesel 10ppm FOB Rotterdam Barges vs Low Sulphur Gasoil 1st Line Balmo Swap Day 5	Fut	Electronic	38.25	USD	FRPL				38.25	0.2	USD	FRPL
IPE	ICE Futures	Energy	VKE	Diesel 10ppm FOB Rotterdam Barges vs Low Sulphur Gasoil 1st Line Balmo Swap Day 6	Fut	Electronic	38.25	USD	FRPL				38.25	0.2	USD	FRPL
IPE	ICE Futures	Energy	VKF	Diesel 10ppm FOB Rotterdam Barges vs Low Sulphur Gasoil 1st Line Balmo Swap Day 7	Fut	Electronic	38.25	USD	FRPL				38.25	0.2	USD	FRPL
IPE	ICE Futures	Energy	VKG	Diesel 10ppm FOB Rotterdam Barges vs Low Sulphur Gasoil 1st Line Balmo Swap Day 8	Fut	Electronic	38.25	USD	FRPL				38.25	0.2	USD	FRPL
IPE	ICE Futures	Energy	VKH	Diesel 10ppm FOB Rotterdam Barges vs Low Sulphur Gasoil 1st Line Balmo Swap Day 9	Fut	Electronic	38.25	USD	FRPL				38.25	0.2	USD	FRPL
IPE	ICE Futures	Energy	VKI	Diesel 10ppm FOB Rotterdam Barges vs Low Sulphur Gasoil 1st Line Balmo Swap Day 10	Fut	Electronic	38.25	USD	FRPL				38.25	0.2	USD	FRPL
IPE	ICE Futures	Energy	VKJ	Diesel 10ppm FOB Rotterdam Barges vs Low Sulphur Gasoil 1st Line Balmo Swap Day 11	Fut	Electronic	38.25	USD	FRPL				38.25	0.2	USD	FRPL

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IPE	ICE Futures	Energy	VKK	Diesel 10ppm FOB Rotterdam Barges vs Low Sulphur Gasoil 1st Line Balmo Swap Day 12	Fut	Electronic	38.25	USD	FRPL				38.25	0.2	USD	FRPL
IPE	ICE Futures	Energy	VKL	Diesel 10ppm FOB Rotterdam Barges vs Low Sulphur Gasoil 1st Line Balmo Swap Day 13	Fut	Electronic	38.25	USD	FRPL				38.25	0.2	USD	FRPL
IPE	ICE Futures	Energy	VKM	Diesel 10ppm FOB Rotterdam Barges vs Low Sulphur Gasoil 1st Line Balmo Swap Day 14	Fut	Electronic	38.25	USD	FRPL				38.25	0.2	USD	FRPL
IPE	ICE Futures	Energy	VKN	Diesel 10ppm FOB Rotterdam Barges vs Low Sulphur Gasoil 1st Line Balmo Swap Day 15	Fut	Electronic	38.25	USD	FRPL				38.25	0.2	USD	FRPL
IPE	ICE Futures	Energy	VKO	Diesel 10ppm FOB Rotterdam Barges vs Low Sulphur Gasoil 1st Line Balmo Swap Day 16	Fut	Electronic	38.25	USD	FRPL				38.25	0.2	USD	FRPL
IPE	ICE Futures	Energy	VKP	Diesel 10ppm FOB Rotterdam Barges vs Low Sulphur Gasoil 1st Line Balmo Swap Day 17	Fut	Electronic	38.25	USD	FRPL				38.25	0.2	USD	FRPL
IPE	ICE Futures	Energy	VKQ	Diesel 10ppm FOB Rotterdam Barges vs Low Sulphur Gasoil 1st Line Balmo Swap Day 18	Fut	Electronic	38.25	USD	FRPL				38.25	0.2	USD	FRPL
IPE	ICE Futures	Energy	VKR	Diesel 10ppm FOB Rotterdam Barges vs Low Sulphur Gasoil 1st Line Balmo Swap Day 19	Fut	Electronic	38.25	USD	FRPL				38.25	0.2	USD	FRPL
IPE	ICE Futures	Energy	VKS	Diesel 10ppm FOB Rotterdam Barges vs Low Sulphur Gasoil 1st Line Balmo Swap Day 20	Fut	Electronic	38.25	USD	FRPL				38.25	0.2	USD	FRPL
IPE	ICE Futures	Energy	VKT	Diesel 10ppm FOB Rotterdam Barges vs Low Sulphur Gasoil 1st Line Balmo Swap Day 21	Fut	Electronic	38.25	USD	FRPL				38.25	0.2	USD	FRPL
IPE	ICE Futures	Energy	VKU	Diesel 10ppm FOB Rotterdam Barges vs Low Sulphur Gasoil 1st Line Balmo Swap Day 22	Fut	Electronic	38.25	USD	FRPL				38.25	0.2	USD	FRPL
IPE	ICE Futures	Energy	VKV	Diesel 10ppm FOB Rotterdam Barges vs Low Sulphur Gasoil 1st Line Balmo Swap Day 23	Fut	Electronic	38.25	USD	FRPL				38.25	0.2	USD	FRPL
IPE	ICE Futures	Energy	VKW	Diesel 10ppm FOB Rotterdam Barges vs Low Sulphur Gasoil 1st Line Balmo Swap Day 24	Fut	Electronic	38.25	USD	FRPL				38.25	0.2	USD	FRPL
IPE	ICE Futures	Energy	VKX	Diesel 10ppm FOB Rotterdam Barges vs Low Sulphur Gasoil 1st Line Balmo Swap Day 25	Fut	Electronic	38.25	USD	FRPL				38.25	0.2	USD	FRPL
IPE	ICE Futures	Energy	VKY	Diesel 10ppm FOB Rotterdam Barges vs Low Sulphur Gasoil 1st Line Balmo Swap Day 26	Fut	Electronic	38.25	USD	FRPL				38.25	0.2	USD	FRPL
IPE	ICE Futures	Energy	VKZ	Diesel 10ppm FOB Rotterdam Barges vs Low Sulphur Gasoil 1st Line Balmo Swap Day 27	Fut	Electronic	38.25	USD	FRPL				38.25	0.2	USD	FRPL
IPE	ICE Futures	Energy	VLA	Diesel 10ppm FOB Rotterdam Barges vs Low Sulphur Gasoil 1st Line Balmo Swap Day 28	Fut	Electronic	38.25	USD	FRPL				38.25	0.2	USD	FRPL
IPE	ICE Futures	Energy	VLB	Diesel 10ppm FOB Rotterdam Barges vs Low Sulphur Gasoil 1st Line Balmo Swap Day 29	Fut	Electronic	38.25	USD	FRPL				38.25	0.2	USD	FRPL
IPE	ICE Futures	Energy	VLC	Diesel 10ppm FOB Rotterdam Barges vs Low Sulphur Gasoil 1st Line Balmo Swap Day 30	Fut	Electronic	38.25	USD	FRPL				38.25	0.2	USD	FRPL
IPE	ICE Futures	Energy	VLD	Diesel 10ppm FOB Rotterdam Barges vs Low Sulphur Gasoil 1st Line Balmo Swap Day 31	Fut	Electronic	38.25	USD	FRPL				38.25	0.2	USD	FRPL
IPE	ICE Futures	Energy	VLE	Diesel 10ppm CIF NWE (Le Havre) Cargoes vs Low Sulphur Gasoil 1st Line Balmo Swap Day 1	Fut	Electronic	38.25	USD	FRPL				38.25	0.2	USD	FRPL
IPE	ICE Futures	Energy	VLF	Diesel 10ppm CIF NWE (Le Havre) Cargoes vs Low Sulphur Gasoil 1st Line Balmo Swap Day 2	Fut	Electronic	38.25	USD	FRPL				38.25	0.2	USD	FRPL
IPE	ICE Futures	Energy	VLG	Diesel 10ppm CIF NWE (Le Havre) Cargoes vs Low Sulphur Gasoil 1st Line Balmo Swap Day 3	Fut	Electronic	38.25	USD	FRPL				38.25	0.2	USD	FRPL
IPE	ICE Futures	Energy	VLH	Diesel 10ppm CIF NWE (Le Havre) Cargoes vs Low Sulphur Gasoil 1st Line Balmo Swap Day 4	Fut	Electronic	38.25	USD	FRPL				38.25	0.2	USD	FRPL
IPE	ICE Futures	Energy	VLI	Diesel 10ppm CIF NWE (Le Havre) Cargoes vs Low Sulphur Gasoil 1st Line Balmo Swap Day 5	Fut	Electronic	38.25	USD	FRPL				38.25	0.2	USD	FRPL
IPE	ICE Futures	Energy	VLJ	Diesel 10ppm CIF NWE (Le Havre) Cargoes vs Low Sulphur Gasoil 1st Line Balmo Swap Day 6	Fut	Electronic	38.25	USD	FRPL				38.25	0.2	USD	FRPL
IPE	ICE Futures	Energy	VLK	Diesel 10ppm CIF NWE (Le Havre) Cargoes vs Low Sulphur Gasoil 1st Line Balmo Swap Day 7	Fut	Electronic	38.25	USD	FRPL				38.25	0.2	USD	FRPL
IPE	ICE Futures	Energy	VLL	Diesel 10ppm CIF NWE (Le Havre) Cargoes vs Low Sulphur Gasoil 1st Line Balmo Swap Day 8	Fut	Electronic	38.25	USD	FRPL				38.25	0.2	USD	FRPL
IPE	ICE Futures	Energy	VLM	Diesel 10ppm CIF NWE (Le Havre) Cargoes vs Low Sulphur Gasoil 1st Line Balmo Swap Day 9	Fut	Electronic	38.25	USD	FRPL				38.25	0.2	USD	FRPL

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IPE	ICE Futures	Energy	VLN	Diesel 10ppm CIF NWE (Le Havre) Cargoes vs Low Sulphur Gasoil 1st Line Balmo Swap Day 10	Fut	Electronic	38.25	USD	FRPL				38.25	0.2	USD	FRPL
IPE	ICE Futures	Energy	VLO	Diesel 10ppm CIF NWE (Le Havre) Cargoes vs Low Sulphur Gasoil 1st Line Balmo Swap Day 11	Fut	Electronic	38.25	USD	FRPL				38.25	0.2	USD	FRPL
IPE	ICE Futures	Energy	VLP	Diesel 10ppm CIF NWE (Le Havre) Cargoes vs Low Sulphur Gasoil 1st Line Balmo Swap Day 12	Fut	Electronic	38.25	USD	FRPL				38.25	0.2	USD	FRPL
IPE	ICE Futures	Energy	VLQ	Diesel 10ppm CIF NWE (Le Havre) Cargoes vs Low Sulphur Gasoil 1st Line Balmo Swap Day 13	Fut	Electronic	38.25	USD	FRPL				38.25	0.2	USD	FRPL
IPE	ICE Futures	Energy	VLR	Diesel 10ppm CIF NWE (Le Havre) Cargoes vs Low Sulphur Gasoil 1st Line Balmo Swap Day 14	Fut	Electronic	38.25	USD	FRPL				38.25	0.2	USD	FRPL
IPE	ICE Futures	Energy	VLS	Diesel 10ppm CIF NWE (Le Havre) Cargoes vs Low Sulphur Gasoil 1st Line Balmo Swap Day 15	Fut	Electronic	38.25	USD	FRPL				38.25	0.2	USD	FRPL
IPE	ICE Futures	Energy	VLT	Diesel 10ppm CIF NWE (Le Havre) Cargoes vs Low Sulphur Gasoil 1st Line Balmo Swap Day 16	Fut	Electronic	38.25	USD	FRPL				38.25	0.2	USD	FRPL
IPE	ICE Futures	Energy	VLU	Diesel 10ppm CIF NWE (Le Havre) Cargoes vs Low Sulphur Gasoil 1st Line Balmo Swap Day 17	Fut	Electronic	38.25	USD	FRPL				38.25	0.2	USD	FRPL
IPE	ICE Futures	Energy	VLV	Diesel 10ppm CIF NWE (Le Havre) Cargoes vs Low Sulphur Gasoil 1st Line Balmo Swap Day 18	Fut	Electronic	38.25	USD	FRPL				38.25	0.2	USD	FRPL
IPE	ICE Futures	Energy	VLW	Diesel 10ppm CIF NWE (Le Havre) Cargoes vs Low Sulphur Gasoil 1st Line Balmo Swap Day 19	Fut	Electronic	38.25	USD	FRPL				38.25	0.2	USD	FRPL
IPE	ICE Futures	Energy	VLX	Diesel 10ppm CIF NWE (Le Havre) Cargoes vs Low Sulphur Gasoil 1st Line Balmo Swap Day 20	Fut	Electronic	38.25	USD	FRPL				38.25	0.2	USD	FRPL
IPE	ICE Futures	Energy	VLY	Diesel 10ppm CIF NWE (Le Havre) Cargoes vs Low Sulphur Gasoil 1st Line Balmo Swap Day 21	Fut	Electronic	38.25	USD	FRPL				38.25	0.2	USD	FRPL
IPE	ICE Futures	Energy	VLZ	Diesel 10ppm CIF NWE (Le Havre) Cargoes vs Low Sulphur Gasoil 1st Line Balmo Swap Day 22	Fut	Electronic	38.25	USD	FRPL				38.25	0.2	USD	FRPL
IPE	ICE Futures	Energy	VMA	Diesel 10ppm CIF NWE (Le Havre) Cargoes vs Low Sulphur Gasoil 1st Line Balmo Swap Day 23	Fut	Electronic	38.25	USD	FRPL				38.25	0.2	USD	FRPL
IPE	ICE Futures	Energy	VMB	Diesel 10ppm CIF NWE (Le Havre) Cargoes vs Low Sulphur Gasoil 1st Line Balmo Swap Day 24	Fut	Electronic	38.25	USD	FRPL				38.25	0.2	USD	FRPL
IPE	ICE Futures	Energy	VMC	Diesel 10ppm CIF NWE (Le Havre) Cargoes vs Low Sulphur Gasoil 1st Line Balmo Swap Day 25	Fut	Electronic	38.25	USD	FRPL				38.25	0.2	USD	FRPL
IPE	ICE Futures	Energy	VMD	Diesel 10ppm CIF NWE (Le Havre) Cargoes vs Low Sulphur Gasoil 1st Line Balmo Swap Day 26	Fut	Electronic	38.25	USD	FRPL				38.25	0.2	USD	FRPL
IPE	ICE Futures	Energy	VME	Diesel 10ppm CIF NWE (Le Havre) Cargoes vs Low Sulphur Gasoil 1st Line Balmo Swap Day 27	Fut	Electronic	38.25	USD	FRPL				38.25	0.2	USD	FRPL
IPE	ICE Futures	Energy	VMF	Diesel 10ppm CIF NWE (Le Havre) Cargoes vs Low Sulphur Gasoil 1st Line Balmo Swap Day 28	Fut	Electronic	38.25	USD	FRPL				38.25	0.2	USD	FRPL
IPE	ICE Futures	Energy	VMG	Diesel 10ppm CIF NWE (Le Havre) Cargoes vs Low Sulphur Gasoil 1st Line Balmo Swap Day 29	Fut	Electronic	38.25	USD	FRPL				38.25	0.2	USD	FRPL
IPE	ICE Futures	Energy	VMH	Diesel 10ppm CIF NWE (Le Havre) Cargoes vs Low Sulphur Gasoil 1st Line Balmo Swap Day 30	Fut	Electronic	38.25	USD	FRPL				38.25	0.2	USD	FRPL
IPE	ICE Futures	Energy	VMI	Diesel 10ppm CIF NWE (Le Havre) Cargoes vs Low Sulphur Gasoil 1st Line Balmo Swap Day 31	Fut	Electronic	38.25	USD	FRPL				38.25	0.2	USD	FRPL
IPE	ICE Futures	Energy	VMJ	ULSD 10ppm CIF Med Cargoes vs Low Sulphur Gasoil 1st Line Balmo Swap Day 1	Fut	Electronic	38.25	USD	FRPL				38.25	0.2	USD	FRPL
IPE	ICE Futures	Energy	VMK	ULSD 10ppm CIF Med Cargoes vs Low Sulphur Gasoil 1st Line Balmo Swap Day 2	Fut	Electronic	38.25	USD	FRPL				38.25	0.2	USD	FRPL
IPE	ICE Futures	Energy	VML	ULSD 10ppm CIF Med Cargoes vs Low Sulphur Gasoil 1st Line Balmo Swap Day 3	Fut	Electronic	38.25	USD	FRPL				38.25	0.2	USD	FRPL
IPE	ICE Futures	Energy	VMM	ULSD 10ppm CIF Med Cargoes vs Low Sulphur Gasoil 1st Line Balmo Swap Day 4	Fut	Electronic	38.25	USD	FRPL				38.25	0.2	USD	FRPL
IPE	ICE Futures	Energy	VMN	ULSD 10ppm CIF Med Cargoes vs Low Sulphur Gasoil 1st Line Balmo Swap Day 5	Fut	Electronic	38.25	USD	FRPL				38.25	0.2	USD	FRPL
IPE	ICE Futures	Energy	VMO	ULSD 10ppm CIF Med Cargoes vs Low Sulphur Gasoil 1st Line Balmo Swap Day 6	Fut	Electronic	38.25	USD	FRPL				38.25	0.2	USD	FRPL
IPE	ICE Futures	Energy	VMP	ULSD 10ppm CIF Med Cargoes vs Low Sulphur Gasoil 1st Line Balmo Swap Day 7	Fut	Electronic	38.25	USD	FRPL				38.25	0.2	USD	FRPL

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IPE	ICE Futures	Energy	VMQ	ULSD 10ppm CIF Med Cargoes vs Low Sulphur Gasoil 1st Line Balmo Swap Day 8	Fut	Electronic	38.25	USD	FRPL				38.25	0.2	USD	FRPL
IPE	ICE Futures	Energy	VMR	ULSD 10ppm CIF Med Cargoes vs Low Sulphur Gasoil 1st Line Balmo Swap Day 9	Fut	Electronic	38.25	USD	FRPL				38.25	0.2	USD	FRPL
IPE	ICE Futures	Energy	VMS	ULSD 10ppm CIF Med Cargoes vs Low Sulphur Gasoil 1st Line Balmo Swap Day 10	Fut	Electronic	38.25	USD	FRPL				38.25	0.2	USD	FRPL
IPE	ICE Futures	Energy	VMT	ULSD 10ppm CIF Med Cargoes vs Low Sulphur Gasoil 1st Line Balmo Swap Day 11	Fut	Electronic	38.25	USD	FRPL				38.25	0.2	USD	FRPL
IPE	ICE Futures	Energy	VMU	ULSD 10ppm CIF Med Cargoes vs Low Sulphur Gasoil 1st Line Balmo Swap Day 12	Fut	Electronic	38.25	USD	FRPL				38.25	0.2	USD	FRPL
IPE	ICE Futures	Energy	VMV	ULSD 10ppm CIF Med Cargoes vs Low Sulphur Gasoil 1st Line Balmo Swap Day 13	Fut	Electronic	38.25	USD	FRPL				38.25	0.2	USD	FRPL
IPE	ICE Futures	Energy	VMW	ULSD 10ppm CIF Med Cargoes vs Low Sulphur Gasoil 1st Line Balmo Swap Day 14	Fut	Electronic	38.25	USD	FRPL				38.25	0.2	USD	FRPL
IPE	ICE Futures	Energy	VMX	ULSD 10ppm CIF Med Cargoes vs Low Sulphur Gasoil 1st Line Balmo Swap Day 15	Fut	Electronic	38.25	USD	FRPL				38.25	0.2	USD	FRPL
IPE	ICE Futures	Energy	VMY	ULSD 10ppm CIF Med Cargoes vs Low Sulphur Gasoil 1st Line Balmo Swap Day 16	Fut	Electronic	38.25	USD	FRPL				38.25	0.2	USD	FRPL
IPE	ICE Futures	Energy	VMZ	ULSD 10ppm CIF Med Cargoes vs Low Sulphur Gasoil 1st Line Balmo Swap Day 17	Fut	Electronic	38.25	USD	FRPL				38.25	0.2	USD	FRPL
IPE	ICE Futures	Energy	VNA	ULSD 10ppm CIF Med Cargoes vs Low Sulphur Gasoil 1st Line Balmo Swap Day 18	Fut	Electronic	38.25	USD	FRPL				38.25	0.2	USD	FRPL
IPE	ICE Futures	Energy	VNB	ULSD 10ppm CIF Med Cargoes vs Low Sulphur Gasoil 1st Line Balmo Swap Day 19	Fut	Electronic	38.25	USD	FRPL				38.25	0.2	USD	FRPL
IPE	ICE Futures	Energy	VNC	ULSD 10ppm CIF Med Cargoes vs Low Sulphur Gasoil 1st Line Balmo Swap Day 20	Fut	Electronic	38.25	USD	FRPL				38.25	0.2	USD	FRPL
IPE	ICE Futures	Energy	VND	ULSD 10ppm CIF Med Cargoes vs Low Sulphur Gasoil 1st Line Balmo Swap Day 21	Fut	Electronic	38.25	USD	FRPL				38.25	0.2	USD	FRPL
IPE	ICE Futures	Energy	VNE	ULSD 10ppm CIF Med Cargoes vs Low Sulphur Gasoil 1st Line Balmo Swap Day 22	Fut	Electronic	38.25	USD	FRPL				38.25	0.2	USD	FRPL
IPE	ICE Futures	Energy	VNF	ULSD 10ppm CIF Med Cargoes vs Low Sulphur Gasoil 1st Line Balmo Swap Day 23	Fut	Electronic	38.25	USD	FRPL				38.25	0.2	USD	FRPL
IPE	ICE Futures	Energy	VNG	ULSD 10ppm CIF Med Cargoes vs Low Sulphur Gasoil 1st Line Balmo Swap Day 24	Fut	Electronic	38.25	USD	FRPL				38.25	0.2	USD	FRPL
IPE	ICE Futures	Energy	VNH	ULSD 10ppm CIF Med Cargoes vs Low Sulphur Gasoil 1st Line Balmo Swap Day 25	Fut	Electronic	38.25	USD	FRPL				38.25	0.2	USD	FRPL
IPE	ICE Futures	Energy	VNI	ULSD 10ppm CIF Med Cargoes vs Low Sulphur Gasoil 1st Line Balmo Swap Day 26	Fut	Electronic	38.25	USD	FRPL				38.25	0.2	USD	FRPL
IPE	ICE Futures	Energy	VNJ	ULSD 10ppm CIF Med Cargoes vs Low Sulphur Gasoil 1st Line Balmo Swap Day 27	Fut	Electronic	38.25	USD	FRPL				38.25	0.2	USD	FRPL
IPE	ICE Futures	Energy	VNK	ULSD 10ppm CIF Med Cargoes vs Low Sulphur Gasoil 1st Line Balmo Swap Day 28	Fut	Electronic	38.25	USD	FRPL				38.25	0.2	USD	FRPL
IPE	ICE Futures	Energy	VNL	ULSD 10ppm CIF Med Cargoes vs Low Sulphur Gasoil 1st Line Balmo Swap Day 29	Fut	Electronic	38.25	USD	FRPL				38.25	0.2	USD	FRPL
IPE	ICE Futures	Energy	VNM	ULSD 10ppm CIF Med Cargoes vs Low Sulphur Gasoil 1st Line Balmo Swap Day 30	Fut	Electronic	38.25	USD	FRPL				38.25	0.2	USD	FRPL
IPE	ICE Futures	Energy	VNN	ULSD 10ppm CIF Med Cargoes vs Low Sulphur Gasoil 1st Line Balmo Swap Day 31	Fut	Electronic	38.25	USD	FRPL				38.25	0.2	USD	FRPL
IPE	ICE Futures	Energy	VNO	ULSD 10ppm CIF NWE Cargoes vs Low Sulphur Gasoil 1st Line Balmo Swap Day 1	Fut	Electronic	38.25	USD	FRPL				38.25	0.2	USD	FRPL
IPE	ICE Futures	Energy	VNP	ULSD 10ppm CIF NWE Cargoes vs Low Sulphur Gasoil 1st Line Balmo Swap Day 2	Fut	Electronic	38.25	USD	FRPL				38.25	0.2	USD	FRPL
IPE	ICE Futures	Energy	VNQ	ULSD 10ppm CIF NWE Cargoes vs Low Sulphur Gasoil 1st Line Balmo Swap Day 3	Fut	Electronic	38.25	USD	FRPL				38.25	0.2	USD	FRPL
IPE	ICE Futures	Energy	VNR	ULSD 10ppm CIF NWE Cargoes vs Low Sulphur Gasoil 1st Line Balmo Swap Day 4	Fut	Electronic	38.25	USD	FRPL				38.25	0.2	USD	FRPL
IPE	ICE Futures	Energy	VNS	ULSD 10ppm CIF NWE Cargoes vs Low Sulphur Gasoil 1st Line Balmo Swap Day 5	Fut	Electronic	38.25	USD	FRPL				38.25	0.2	USD	FRPL

Exch Code	Exch Desc	Comm Group	Prod Code	Product Desc	F/O	Platform	Trd Fee	Trd Fee Cur	Trd Fee Meth	Clr Fee	Clr Fee Cur	Clr Fee Meth	Fee Total	Brk Fee	Brk Fee Cur	Brk Fee Meth
IPE	ICE Futures	Energy	VNT	ULSD 10ppm CIF NWE Cargoes vs Low Sulphur Gasoil 1st Line Balmo Swap Day 6	Fut	Electronic	38.25	USD	FRPL				38.25	0.2	USD	FRPL
IPE	ICE Futures	Energy	VNU	ULSD 10ppm CIF NWE Cargoes vs Low Sulphur Gasoil 1st Line Balmo Swap Day 7	Fut	Electronic	38.25	USD	FRPL				38.25	0.2	USD	FRPL
IPE	ICE Futures	Energy	VNV	ULSD 10ppm CIF NWE Cargoes vs Low Sulphur Gasoil 1st Line Balmo Swap Day 8	Fut	Electronic	38.25	USD	FRPL				38.25	0.2	USD	FRPL
IPE	ICE Futures	Energy	VNW	ULSD 10ppm CIF NWE Cargoes vs Low Sulphur Gasoil 1st Line Balmo Swap Day 9	Fut	Electronic	38.25	USD	FRPL				38.25	0.2	USD	FRPL
IPE	ICE Futures	Energy	VNX	ULSD 10ppm CIF NWE Cargoes vs Low Sulphur Gasoil 1st Line Balmo Swap Day 10	Fut	Electronic	38.25	USD	FRPL				38.25	0.2	USD	FRPL
IPE	ICE Futures	Energy	VNY	ULSD 10ppm CIF NWE Cargoes vs Low Sulphur Gasoil 1st Line Balmo Swap Day 11	Fut	Electronic	38.25	USD	FRPL				38.25	0.2	USD	FRPL
IPE	ICE Futures	Energy	VNZ	ULSD 10ppm CIF NWE Cargoes vs Low Sulphur Gasoil 1st Line Balmo Swap Day 12	Fut	Electronic	38.25	USD	FRPL				38.25	0.2	USD	FRPL
IPE	ICE Futures	Energy	VOA	ULSD 10ppm CIF NWE Cargoes vs Low Sulphur Gasoil 1st Line Balmo Swap Day 13	Fut	Electronic	38.25	USD	FRPL				38.25	0.2	USD	FRPL
IPE	ICE Futures	Energy	VOB	ULSD 10ppm CIF NWE Cargoes vs Low Sulphur Gasoil 1st Line Balmo Swap Day 14	Fut	Electronic	38.25	USD	FRPL				38.25	0.2	USD	FRPL
IPE	ICE Futures	Energy	VOC	ULSD 10ppm CIF NWE Cargoes vs Low Sulphur Gasoil 1st Line Balmo Swap Day 15	Fut	Electronic	38.25	USD	FRPL				38.25	0.2	USD	FRPL
IPE	ICE Futures	Energy	VOD	ULSD 10ppm CIF NWE Cargoes vs Low Sulphur Gasoil 1st Line Balmo Swap Day 16	Fut	Electronic	38.25	USD	FRPL				38.25	0.2	USD	FRPL
IPE	ICE Futures	Energy	VOE	ULSD 10ppm CIF NWE Cargoes vs Low Sulphur Gasoil 1st Line Balmo Swap Day 17	Fut	Electronic	38.25	USD	FRPL				38.25	0.2	USD	FRPL
IPE	ICE Futures	Energy	VOF	ULSD 10ppm CIF NWE Cargoes vs Low Sulphur Gasoil 1st Line Balmo Swap Day 18	Fut	Electronic	38.25	USD	FRPL				38.25	0.2	USD	FRPL
IPE	ICE Futures	Energy	VOG	ULSD 10ppm CIF NWE Cargoes vs Low Sulphur Gasoil 1st Line Balmo Swap Day 19	Fut	Electronic	38.25	USD	FRPL				38.25	0.2	USD	FRPL
IPE	ICE Futures	Energy	VOH	ULSD 10ppm CIF NWE Cargoes vs Low Sulphur Gasoil 1st Line Balmo Swap Day 20	Fut	Electronic	38.25	USD	FRPL				38.25	0.2	USD	FRPL
IPE	ICE Futures	Energy	VOI	ULSD 10ppm CIF NWE Cargoes vs Low Sulphur Gasoil 1st Line Balmo Swap Day 21	Fut	Electronic	38.25	USD	FRPL				38.25	0.2	USD	FRPL
IPE	ICE Futures	Energy	VOJ	ULSD 10ppm CIF NWE Cargoes vs Low Sulphur Gasoil 1st Line Balmo Swap Day 22	Fut	Electronic	38.25	USD	FRPL				38.25	0.2	USD	FRPL
IPE	ICE Futures	Energy	VOK	ULSD 10ppm CIF NWE Cargoes vs Low Sulphur Gasoil 1st Line Balmo Swap Day 23	Fut	Electronic	38.25	USD	FRPL				38.25	0.2	USD	FRPL
IPE	ICE Futures	Energy	VOL	ULSD 10ppm CIF NWE Cargoes vs Low Sulphur Gasoil 1st Line Balmo Swap Day 24	Fut	Electronic	38.25	USD	FRPL				38.25	0.2	USD	FRPL
IPE	ICE Futures	Energy	VOM	ULSD 10ppm CIF NWE Cargoes vs Low Sulphur Gasoil 1st Line Balmo Swap Day 25	Fut	Electronic	38.25	USD	FRPL				38.25	0.2	USD	FRPL
IPE	ICE Futures	Energy	VON	ULSD 10ppm CIF NWE Cargoes vs Low Sulphur Gasoil 1st Line Balmo Swap Day 26	Fut	Electronic	38.25	USD	FRPL				38.25	0.2	USD	FRPL
IPE	ICE Futures	Energy	VOO	ULSD 10ppm CIF NWE Cargoes vs Low Sulphur Gasoil 1st Line Balmo Swap Day 27	Fut	Electronic	38.25	USD	FRPL				38.25	0.2	USD	FRPL
IPE	ICE Futures	Energy	VOP	ULSD 10ppm CIF NWE Cargoes vs Low Sulphur Gasoil 1st Line Balmo Swap Day 28	Fut	Electronic	38.25	USD	FRPL				38.25	0.2	USD	FRPL
IPE	ICE Futures	Energy	VOQ	ULSD 10ppm CIF NWE Cargoes vs Low Sulphur Gasoil 1st Line Balmo Swap Day 29	Fut	Electronic	38.25	USD	FRPL				38.25	0.2	USD	FRPL
IPE	ICE Futures	Energy	VOR	ULSD 10ppm CIF NWE Cargoes vs Low Sulphur Gasoil 1st Line Balmo Swap Day 30	Fut	Electronic	38.25	USD	FRPL				38.25	0.2	USD	FRPL
IPE	ICE Futures	Energy	VOS	ULSD 10ppm CIF NWE Cargoes vs Low Sulphur Gasoil 1st Line Balmo Swap Day 31	Fut	Electronic	38.25	USD	FRPL				38.25	0.2	USD	FRPL
IPE	ICE Futures	Energy	VOT	Jet CIF NWE Cargoes vs Low Sulphur Gasoil 1st Line Balmo Swap Day 1	Fut	Electronic	40.4	USD	FRPL				40.4	0.2	USD	FRPL
IPE	ICE Futures	Energy	VOU	Jet CIF NWE Cargoes vs Low Sulphur Gasoil 1st Line Balmo Swap Day 2	Fut	Electronic	40.4	USD	FRPL				40.4	0.2	USD	FRPL
IPE	ICE Futures	Energy	VOV	Jet CIF NWE Cargoes vs Low Sulphur Gasoil 1st Line Balmo Swap Day 3	Fut	Electronic	40.4	USD	FRPL				40.4	0.2	USD	FRPL

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IPE	ICE Futures	Energy	VOW	Jet CIF NWE Cargoes vs Low Sulphur Gasoil 1st Line Balmo Swap Day 4	Fut	Electronic	40.4	USD	FRPL				40.4	0.2	USD	FRPL
IPE	ICE Futures	Energy	VOX	Jet CIF NWE Cargoes vs Low Sulphur Gasoil 1st Line Balmo Swap Day 5	Fut	Electronic	40.4	USD	FRPL				40.4	0.2	USD	FRPL
IPE	ICE Futures	Energy	VOY	Jet CIF NWE Cargoes vs Low Sulphur Gasoil 1st Line Balmo Swap Day 6	Fut	Electronic	40.4	USD	FRPL				40.4	0.2	USD	FRPL
IPE	ICE Futures	Energy	VOZ	Jet CIF NWE Cargoes vs Low Sulphur Gasoil 1st Line Balmo Swap Day 7	Fut	Electronic	40.4	USD	FRPL				40.4	0.2	USD	FRPL
IPE	ICE Futures	Energy	VPA	Jet CIF NWE Cargoes vs Low Sulphur Gasoil 1st Line Balmo Swap Day 8	Fut	Electronic	40.4	USD	FRPL				40.4	0.2	USD	FRPL
IPE	ICE Futures	Energy	VPB	Jet CIF NWE Cargoes vs Low Sulphur Gasoil 1st Line Balmo Swap Day 9	Fut	Electronic	40.4	USD	FRPL				40.4	0.2	USD	FRPL
IPE	ICE Futures	Energy	VPC	Jet CIF NWE Cargoes vs Low Sulphur Gasoil 1st Line Balmo Swap Day 10	Fut	Electronic	40.4	USD	FRPL				40.4	0.2	USD	FRPL
IPE	ICE Futures	Energy	VPD	Jet CIF NWE Cargoes vs Low Sulphur Gasoil 1st Line Balmo Swap Day 11	Fut	Electronic	40.4	USD	FRPL				40.4	0.2	USD	FRPL
IPE	ICE Futures	Energy	VPE	Jet CIF NWE Cargoes vs Low Sulphur Gasoil 1st Line Balmo Swap Day 12	Fut	Electronic	40.4	USD	FRPL				40.4	0.2	USD	FRPL
IPE	ICE Futures	Energy	VPF	Jet CIF NWE Cargoes vs Low Sulphur Gasoil 1st Line Balmo Swap Day 13	Fut	Electronic	40.4	USD	FRPL				40.4	0.2	USD	FRPL
IPE	ICE Futures	Energy	VPG	Jet CIF NWE Cargoes vs Low Sulphur Gasoil 1st Line Balmo Swap Day 14	Fut	Electronic	40.4	USD	FRPL				40.4	0.2	USD	FRPL
IPE	ICE Futures	Energy	VPH	Jet CIF NWE Cargoes vs Low Sulphur Gasoil 1st Line Balmo Swap Day 15	Fut	Electronic	40.4	USD	FRPL				40.4	0.2	USD	FRPL
IPE	ICE Futures	Energy	VPI	Jet CIF NWE Cargoes vs Low Sulphur Gasoil 1st Line Balmo Swap Day 16	Fut	Electronic	40.4	USD	FRPL				40.4	0.2	USD	FRPL
IPE	ICE Futures	Energy	VPJ	Jet CIF NWE Cargoes vs Low Sulphur Gasoil 1st Line Balmo Swap Day 17	Fut	Electronic	40.4	USD	FRPL				40.4	0.2	USD	FRPL
IPE	ICE Futures	Energy	VPK	Jet CIF NWE Cargoes vs Low Sulphur Gasoil 1st Line Balmo Swap Day 18	Fut	Electronic	40.4	USD	FRPL				40.4	0.2	USD	FRPL
IPE	ICE Futures	Energy	VPL	Jet CIF NWE Cargoes vs Low Sulphur Gasoil 1st Line Balmo Swap Day 19	Fut	Electronic	40.4	USD	FRPL				40.4	0.2	USD	FRPL
IPE	ICE Futures	Energy	VPM	Jet CIF NWE Cargoes vs Low Sulphur Gasoil 1st Line Balmo Swap Day 20	Fut	Electronic	40.4	USD	FRPL				40.4	0.2	USD	FRPL
IPE	ICE Futures	Energy	VPN	Jet CIF NWE Cargoes vs Low Sulphur Gasoil 1st Line Balmo Swap Day 21	Fut	Electronic	40.4	USD	FRPL				40.4	0.2	USD	FRPL
IPE	ICE Futures	Energy	VPO	Jet CIF NWE Cargoes vs Low Sulphur Gasoil 1st Line Balmo Swap Day 22	Fut	Electronic	40.4	USD	FRPL				40.4	0.2	USD	FRPL
IPE	ICE Futures	Energy	VPP	Jet CIF NWE Cargoes vs Low Sulphur Gasoil 1st Line Balmo Swap Day 23	Fut	Electronic	40.4	USD	FRPL				40.4	0.2	USD	FRPL
IPE	ICE Futures	Energy	VPQ	Jet CIF NWE Cargoes vs Low Sulphur Gasoil 1st Line Balmo Swap Day 24	Fut	Electronic	40.4	USD	FRPL				40.4	0.2	USD	FRPL
IPE	ICE Futures	Energy	VPR	Jet CIF NWE Cargoes vs Low Sulphur Gasoil 1st Line Balmo Swap Day 25	Fut	Electronic	40.4	USD	FRPL				40.4	0.2	USD	FRPL
IPE	ICE Futures	Energy	VPS	Jet CIF NWE Cargoes vs Low Sulphur Gasoil 1st Line Balmo Swap Day 26	Fut	Electronic	40.4	USD	FRPL				40.4	0.2	USD	FRPL
IPE	ICE Futures	Energy	VPT	Jet CIF NWE Cargoes vs Low Sulphur Gasoil 1st Line Balmo Swap Day 27	Fut	Electronic	40.4	USD	FRPL				40.4	0.2	USD	FRPL
IPE	ICE Futures	Energy	VPU	Jet CIF NWE Cargoes vs Low Sulphur Gasoil 1st Line Balmo Swap Day 28	Fut	Electronic	40.4	USD	FRPL				40.4	0.2	USD	FRPL
IPE	ICE Futures	Energy	VPV	Jet CIF NWE Cargoes vs Low Sulphur Gasoil 1st Line Balmo Swap Day 29	Fut	Electronic	40.4	USD	FRPL				40.4	0.2	USD	FRPL
IPE	ICE Futures	Energy	VPW	Jet CIF NWE Cargoes vs Low Sulphur Gasoil 1st Line Balmo Swap Day 30	Fut	Electronic	40.4	USD	FRPL				40.4	0.2	USD	FRPL
IPE	ICE Futures	Energy	VPX	Jet CIF NWE Cargoes vs Low Sulphur Gasoil 1st Line Balmo Swap Day 31	Fut	Electronic	40.4	USD	FRPL				40.4	0.2	USD	FRPL
IPE	ICE Futures	Energy	VRD	Propane, Argus Far East vs Propane, Argus CIF ARA, Differential Swap (Balmo) Day 1	Fut	Electronic	108	USD	FRPL				108	0.2	USD	FRPL

Exch Code	Exch Desc	Comm Group	Prod Code	Product Desc	F/O	Platform	Trd Fee	Trd Fee Cur	Trd Fee Meth	Clr Fee	Clr Fee Cur	Clr Fee Meth	Fee Total	Brk Fee	Brk Fee Cur	Brk Fee Meth
IPE	ICE Futures	Energy	VRE	Propane, Argus Far East vs Propane, Argus CIF ARA, Differential Swap (Balmo) Day 2	Fut	Electronic	108	USD	FRPL				108	0.2	USD	FRPL
IPE	ICE Futures	Energy	VRF	Propane, Argus Far East vs Propane, Argus CIF ARA, Differential Swap (Balmo) Day 3	Fut	Electronic	108	USD	FRPL				108	0.2	USD	FRPL
IPE	ICE Futures	Energy	VRG	Propane, Argus Far East vs Propane, Argus CIF ARA, Differential Swap (Balmo) Day 4	Fut	Electronic	108	USD	FRPL				108	0.2	USD	FRPL
IPE	ICE Futures	Energy	VRH	Propane, Argus Far East vs Propane, Argus CIF ARA, Differential Swap (Balmo) Day 5	Fut	Electronic	108	USD	FRPL				108	0.2	USD	FRPL
IPE	ICE Futures	Energy	VRI	Propane, Argus Far East vs Propane, Argus CIF ARA, Differential Swap (Balmo) Day 6	Fut	Electronic	108	USD	FRPL				108	0.2	USD	FRPL
IPE	ICE Futures	Energy	VRJ	Propane, Argus Far East vs Propane, Argus CIF ARA, Differential Swap (Balmo) Day 7	Fut	Electronic	108	USD	FRPL				108	0.2	USD	FRPL
IPE	ICE Futures	Energy	VRK	Propane, Argus Far East vs Propane, Argus CIF ARA, Differential Swap (Balmo) Day 8	Fut	Electronic	108	USD	FRPL				108	0.2	USD	FRPL
IPE	ICE Futures	Energy	VRL	Propane, Argus Far East vs Propane, Argus CIF ARA, Differential Swap (Balmo) Day 9	Fut	Electronic	108	USD	FRPL				108	0.2	USD	FRPL
IPE	ICE Futures	Energy	VRM	Propane, Argus Far East vs Propane, Argus CIF ARA, Differential Swap (Balmo) Day 10	Fut	Electronic	108	USD	FRPL				108	0.2	USD	FRPL
IPE	ICE Futures	Energy	VRN	Propane, Argus Far East vs Propane, Argus CIF ARA, Differential Swap (Balmo) Day 11	Fut	Electronic	108	USD	FRPL				108	0.2	USD	FRPL
IPE	ICE Futures	Energy	VRO	Propane, Argus Far East vs Propane, Argus CIF ARA, Differential Swap (Balmo) Day 12	Fut	Electronic	108	USD	FRPL				108	0.2	USD	FRPL
IPE	ICE Futures	Energy	VRP	Propane, Argus Far East vs Propane, Argus CIF ARA, Differential Swap (Balmo) Day 13	Fut	Electronic	108	USD	FRPL				108	0.2	USD	FRPL
IPE	ICE Futures	Energy	VRQ	Propane, Argus Far East vs Propane, Argus CIF ARA, Differential Swap (Balmo) Day 14	Fut	Electronic	108	USD	FRPL				108	0.2	USD	FRPL
IPE	ICE Futures	Energy	VRR	Propane, Argus Far East vs Propane, Argus CIF ARA, Differential Swap (Balmo) Day 15	Fut	Electronic	108	USD	FRPL				108	0.2	USD	FRPL
IPE	ICE Futures	Energy	VRS	Propane, Argus Far East vs Propane, Argus CIF ARA, Differential Swap (Balmo) Day 16	Fut	Electronic	108	USD	FRPL				108	0.2	USD	FRPL
IPE	ICE Futures	Energy	VRT	Propane, Argus Far East vs Propane, Argus CIF ARA, Differential Swap (Balmo) Day 17	Fut	Electronic	108	USD	FRPL				108	0.2	USD	FRPL
IPE	ICE Futures	Energy	VRU	Propane, Argus Far East vs Propane, Argus CIF ARA, Differential Swap (Balmo) Day 18	Fut	Electronic	108	USD	FRPL				108	0.2	USD	FRPL
IPE	ICE Futures	Energy	VRV	Propane, Argus Far East vs Propane, Argus CIF ARA, Differential Swap (Balmo) Day 19	Fut	Electronic	108	USD	FRPL				108	0.2	USD	FRPL
IPE	ICE Futures	Energy	VRW	Propane, Argus Far East vs Propane, Argus CIF ARA, Differential Swap (Balmo) Day 20	Fut	Electronic	108	USD	FRPL				108	0.2	USD	FRPL
IPE	ICE Futures	Energy	VRX	Propane, Argus Far East vs Propane, Argus CIF ARA, Differential Swap (Balmo) Day 21	Fut	Electronic	108	USD	FRPL				108	0.2	USD	FRPL
IPE	ICE Futures	Energy	VRY	Propane, Argus Far East vs Propane, Argus CIF ARA, Differential Swap (Balmo) Day 22	Fut	Electronic	108	USD	FRPL				108	0.2	USD	FRPL
IPE	ICE Futures	Energy	VRZ	Propane, Argus Far East vs Propane, Argus CIF ARA, Differential Swap (Balmo) Day 23	Fut	Electronic	108	USD	FRPL				108	0.2	USD	FRPL
IPE	ICE Futures	Energy	VSA	Propane, Argus Far East vs Propane, Argus CIF ARA, Differential Swap (Balmo) Day 24	Fut	Electronic	108	USD	FRPL				108	0.2	USD	FRPL
IPE	ICE Futures	Energy	VSB	Propane, Argus Far East vs Propane, Argus CIF ARA, Differential Swap (Balmo) Day 25	Fut	Electronic	108	USD	FRPL				108	0.2	USD	FRPL
IPE	ICE Futures	Energy	VSC	Propane, Argus Far East vs Propane, Argus CIF ARA, Differential Swap (Balmo) Day 26	Fut	Electronic	108	USD	FRPL				108	0.2	USD	FRPL
IPE	ICE Futures	Energy	VSD	Propane, Argus Far East vs Propane, Argus CIF ARA, Differential Swap (Balmo) Day 27	Fut	Electronic	108	USD	FRPL				108	0.2	USD	FRPL
IPE	ICE Futures	Energy	VSE	Propane, Argus Far East vs Propane, Argus CIF ARA, Differential Swap (Balmo) Day 28	Fut	Electronic	108	USD	FRPL				108	0.2	USD	FRPL
IPE	ICE Futures	Energy	VSF	Propane, Argus Far East vs Propane, Argus CIF ARA, Differential Swap (Balmo) Day 29	Fut	Electronic	108	USD	FRPL				108	0.2	USD	FRPL
IPE	ICE Futures	Energy	VSG	Propane, Argus Far East vs Propane, Argus CIF ARA, Differential Swap (Balmo) Day 30	Fut	Electronic	108	USD	FRPL				108	0.2	USD	FRPL

Exch Code	Exch Desc	Comm Group	Prod Code	Product Desc	F/O	Platform	Trd Fee	Trd Fee Cur	Trd Fee Meth	Clr Fee	Clr Fee Cur	Clr Fee Meth	Fee Total	Brk Fee	Brk Fee Cur	Brk Fee Meth
IPE	ICE Futures	Energy	VSH	Propane, Argus Far East vs Propane, Argus CIF ARA, Differential Swap (Balmo) Day 31	Fut	Electronic	108	USD	FRPL				108	0.2	USD	FRPL
IPE	ICE Futures	Energy	VUS	Singapore 0.5% Gasoil vs Low Sulphur Gasoil 1st Line Balmo Swap Day 1	Fut	Electronic	5.09	USD	FRPL				5.09	0.2	USD	FRPL
IPE	ICE Futures	Energy	VUT	Singapore 0.5% Gasoil vs Low Sulphur Gasoil 1st Line Balmo Swap Day 2	Fut	Electronic	5.09	USD	FRPL				5.09	0.2	USD	FRPL
IPE	ICE Futures	Energy	VUU	Singapore 0.5% Gasoil vs Low Sulphur Gasoil 1st Line Balmo Swap Day 3	Fut	Electronic	5.09	USD	FRPL				5.09	0.2	USD	FRPL
IPE	ICE Futures	Energy	VUV	Singapore 0.5% Gasoil vs Low Sulphur Gasoil 1st Line Balmo Swap Day 4	Fut	Electronic	5.09	USD	FRPL				5.09	0.2	USD	FRPL
IPE	ICE Futures	Energy	VUW	Singapore 0.5% Gasoil vs Low Sulphur Gasoil 1st Line Balmo Swap Day 5	Fut	Electronic	5.09	USD	FRPL				5.09	0.2	USD	FRPL
IPE	ICE Futures	Energy	VUX	Singapore 0.5% Gasoil vs Low Sulphur Gasoil 1st Line Balmo Swap Day 6	Fut	Electronic	5.09	USD	FRPL				5.09	0.2	USD	FRPL
IPE	ICE Futures	Energy	VUY	Singapore 0.5% Gasoil vs Low Sulphur Gasoil 1st Line Balmo Swap Day 7	Fut	Electronic	5.09	USD	FRPL				5.09	0.2	USD	FRPL
IPE	ICE Futures	Energy	VUZ	Singapore 0.5% Gasoil vs Low Sulphur Gasoil 1st Line Balmo Swap Day 8	Fut	Electronic	5.09	USD	FRPL				5.09	0.2	USD	FRPL
IPE	ICE Futures	Energy	VVA	Singapore 0.5% Gasoil vs Low Sulphur Gasoil 1st Line Balmo Swap Day 9	Fut	Electronic	5.09	USD	FRPL				5.09	0.2	USD	FRPL
IPE	ICE Futures	Energy	VVB	Singapore 0.5% Gasoil vs Low Sulphur Gasoil 1st Line Balmo Swap Day 10	Fut	Electronic	5.09	USD	FRPL				5.09	0.2	USD	FRPL
IPE	ICE Futures	Energy	VVC	Singapore 0.5% Gasoil vs Low Sulphur Gasoil 1st Line Balmo Swap Day 11	Fut	Electronic	5.09	USD	FRPL				5.09	0.2	USD	FRPL
IPE	ICE Futures	Energy	VVD	Singapore 0.5% Gasoil vs Low Sulphur Gasoil 1st Line Balmo Swap Day 12	Fut	Electronic	5.09	USD	FRPL				5.09	0.2	USD	FRPL
IPE	ICE Futures	Energy	VVE	Singapore 0.5% Gasoil vs Low Sulphur Gasoil 1st Line Balmo Swap Day 13	Fut	Electronic	5.09	USD	FRPL				5.09	0.2	USD	FRPL
IPE	ICE Futures	Energy	VVF	Singapore 0.5% Gasoil vs Low Sulphur Gasoil 1st Line Balmo Swap Day 14	Fut	Electronic	5.09	USD	FRPL				5.09	0.2	USD	FRPL
IPE	ICE Futures	Energy	VVG	Singapore 0.5% Gasoil vs Low Sulphur Gasoil 1st Line Balmo Swap Day 15	Fut	Electronic	5.09	USD	FRPL				5.09	0.2	USD	FRPL
IPE	ICE Futures	Energy	VVH	Singapore 0.5% Gasoil vs Low Sulphur Gasoil 1st Line Balmo Swap Day 16	Fut	Electronic	5.09	USD	FRPL				5.09	0.2	USD	FRPL
IPE	ICE Futures	Energy	VVI	Singapore 0.5% Gasoil vs Low Sulphur Gasoil 1st Line Balmo Swap Day 17	Fut	Electronic	5.09	USD	FRPL				5.09	0.2	USD	FRPL
IPE	ICE Futures	Energy	VVJ	Singapore 0.5% Gasoil vs Low Sulphur Gasoil 1st Line Balmo Swap Day 18	Fut	Electronic	5.09	USD	FRPL				5.09	0.2	USD	FRPL
IPE	ICE Futures	Energy	VVK	Singapore 0.5% Gasoil vs Low Sulphur Gasoil 1st Line Balmo Swap Day 19	Fut	Electronic	5.09	USD	FRPL				5.09	0.2	USD	FRPL
IPE	ICE Futures	Energy	VVL	Singapore 0.5% Gasoil vs Low Sulphur Gasoil 1st Line Balmo Swap Day 20	Fut	Electronic	5.09	USD	FRPL				5.09	0.2	USD	FRPL
IPE	ICE Futures	Energy	VVM	Singapore 0.5% Gasoil vs Low Sulphur Gasoil 1st Line Balmo Swap Day 21	Fut	Electronic	5.09	USD	FRPL				5.09	0.2	USD	FRPL
IPE	ICE Futures	Energy	VVN	Singapore 0.5% Gasoil vs Low Sulphur Gasoil 1st Line Balmo Swap Day 22	Fut	Electronic	5.09	USD	FRPL				5.09	0.2	USD	FRPL
IPE	ICE Futures	Energy	VVO	Singapore 0.5% Gasoil vs Low Sulphur Gasoil 1st Line Balmo Swap Day 23	Fut	Electronic	5.09	USD	FRPL				5.09	0.2	USD	FRPL
IPE	ICE Futures	Energy	VVP	Singapore 0.5% Gasoil vs Low Sulphur Gasoil 1st Line Balmo Swap Day 24	Fut	Electronic	5.09	USD	FRPL				5.09	0.2	USD	FRPL
IPE	ICE Futures	Energy	VVQ	Singapore 0.5% Gasoil vs Low Sulphur Gasoil 1st Line Balmo Swap Day 25	Fut	Electronic	5.09	USD	FRPL				5.09	0.2	USD	FRPL
IPE	ICE Futures	Energy	VVR	Singapore 0.5% Gasoil vs Low Sulphur Gasoil 1st Line Balmo Swap Day 26	Fut	Electronic	5.09	USD	FRPL				5.09	0.2	USD	FRPL
IPE	ICE Futures	Energy	VVS	Singapore 0.5% Gasoil vs Low Sulphur Gasoil 1st Line Balmo Swap Day 27	Fut	Electronic	5.09	USD	FRPL				5.09	0.2	USD	FRPL
IPE	ICE Futures	Energy	VVT	Singapore 0.5% Gasoil vs Low Sulphur Gasoil 1st Line Balmo Swap Day 28	Fut	Electronic	5.09	USD	FRPL				5.09	0.2	USD	FRPL

Exch Code	Exch Desc	Comm Group	Prod Code	Product Desc	F/O	Platform	Trd Fee	Trd Fee Cur	Trd Fee Meth	Clr Fee	Clr Fee Cur	Clr Fee Meth	Fee Total	Brk Fee	Brk Fee Cur	Brk Fee Meth
IPE	ICE Futures	Energy	VVU	Singapore 0.5% Gasoil vs Low Sulphur Gasoil 1st Line Balmo Swap Day 29	Fut	Electronic	5.09	USD	FRPL				5.09	0.2	USD	FRPL
IPE	ICE Futures	Energy	VVV	Singapore 0.5% Gasoil vs Low Sulphur Gasoil 1st Line Balmo Swap Day 30	Fut	Electronic	5.09	USD	FRPL				5.09	0.2	USD	FRPL
IPE	ICE Futures	Energy	VVW	Singapore 0.5% Gasoil vs Low Sulphur Gasoil 1st Line Balmo Swap Day 31	Fut	Electronic	5.09	USD	FRPL				5.09	0.2	USD	FRPL
IPE	ICE Futures	Energy	VVX	Premium Unleaded Gasoline 10ppm FOB Med Cargoes Balmo Swap Day 1	Fut	Electronic	42.65	USD	FRPL				42.65	0.2	USD	FRPL
IPE	ICE Futures	Energy	VVY	Premium Unleaded Gasoline 10ppm FOB Med Cargoes Balmo Swap Day 2	Fut	Electronic	42.65	USD	FRPL				42.65	0.2	USD	FRPL
IPE	ICE Futures	Energy	VVZ	Premium Unleaded Gasoline 10ppm FOB Med Cargoes Balmo Swap Day 3	Fut	Electronic	42.65	USD	FRPL				42.65	0.2	USD	FRPL
IPE	ICE Futures	Energy	VWA	Premium Unleaded Gasoline 10ppm FOB Med Cargoes Balmo Swap Day 4	Fut	Electronic	42.65	USD	FRPL				42.65	0.2	USD	FRPL
IPE	ICE Futures	Energy	VWB	Premium Unleaded Gasoline 10ppm FOB Med Cargoes Balmo Swap Day 5	Fut	Electronic	42.65	USD	FRPL				42.65	0.2	USD	FRPL
IPE	ICE Futures	Energy	VWC	Premium Unleaded Gasoline 10ppm FOB Med Cargoes Balmo Swap Day 6	Fut	Electronic	42.65	USD	FRPL				42.65	0.2	USD	FRPL
IPE	ICE Futures	Energy	VWD	Premium Unleaded Gasoline 10ppm FOB Med Cargoes Balmo Swap Day 7	Fut	Electronic	42.65	USD	FRPL				42.65	0.2	USD	FRPL
IPE	ICE Futures	Energy	VWE	Premium Unleaded Gasoline 10ppm FOB Med Cargoes Balmo Swap Day 8	Fut	Electronic	42.65	USD	FRPL				42.65	0.2	USD	FRPL
IPE	ICE Futures	Energy	VWF	Premium Unleaded Gasoline 10ppm FOB Med Cargoes Balmo Swap Day 9	Fut	Electronic	42.65	USD	FRPL				42.65	0.2	USD	FRPL
IPE	ICE Futures	Energy	VWG	Premium Unleaded Gasoline 10ppm FOB Med Cargoes Balmo Swap Day 10	Fut	Electronic	42.65	USD	FRPL				42.65	0.2	USD	FRPL
IPE	ICE Futures	Energy	VWH	Premium Unleaded Gasoline 10ppm FOB Med Cargoes Balmo Swap Day 11	Fut	Electronic	42.65	USD	FRPL				42.65	0.2	USD	FRPL
IPE	ICE Futures	Energy	VWI	Premium Unleaded Gasoline 10ppm FOB Med Cargoes Balmo Swap Day 12	Fut	Electronic	42.65	USD	FRPL				42.65	0.2	USD	FRPL
IPE	ICE Futures	Energy	VWJ	Premium Unleaded Gasoline 10ppm FOB Med Cargoes Balmo Swap Day 13	Fut	Electronic	42.65	USD	FRPL				42.65	0.2	USD	FRPL
IPE	ICE Futures	Energy	VWK	Premium Unleaded Gasoline 10ppm FOB Med Cargoes Balmo Swap Day 14	Fut	Electronic	42.65	USD	FRPL				42.65	0.2	USD	FRPL
IPE	ICE Futures	Energy	VWL	Premium Unleaded Gasoline 10ppm FOB Med Cargoes Balmo Swap Day 15	Fut	Electronic	42.65	USD	FRPL				42.65	0.2	USD	FRPL
IPE	ICE Futures	Energy	VWM	Premium Unleaded Gasoline 10ppm FOB Med Cargoes Balmo Swap Day 16	Fut	Electronic	42.65	USD	FRPL				42.65	0.2	USD	FRPL
IPE	ICE Futures	Energy	VWN	Premium Unleaded Gasoline 10ppm FOB Med Cargoes Balmo Swap Day 17	Fut	Electronic	42.65	USD	FRPL				42.65	0.2	USD	FRPL
IPE	ICE Futures	Energy	VWO	Premium Unleaded Gasoline 10ppm FOB Med Cargoes Balmo Swap Day 18	Fut	Electronic	42.65	USD	FRPL				42.65	0.2	USD	FRPL
IPE	ICE Futures	Energy	VWP	Premium Unleaded Gasoline 10ppm FOB Med Cargoes Balmo Swap Day 19	Fut	Electronic	42.65	USD	FRPL				42.65	0.2	USD	FRPL
IPE	ICE Futures	Energy	VWQ	Premium Unleaded Gasoline 10ppm FOB Med Cargoes Balmo Swap Day 20	Fut	Electronic	42.65	USD	FRPL				42.65	0.2	USD	FRPL
IPE	ICE Futures	Energy	VWR	Premium Unleaded Gasoline 10ppm FOB Med Cargoes Balmo Swap Day 21	Fut	Electronic	42.65	USD	FRPL				42.65	0.2	USD	FRPL
IPE	ICE Futures	Energy	VWS	Premium Unleaded Gasoline 10ppm FOB Med Cargoes Balmo Swap Day 22	Fut	Electronic	42.65	USD	FRPL				42.65	0.2	USD	FRPL
IPE	ICE Futures	Energy	VWT	Premium Unleaded Gasoline 10ppm FOB Med Cargoes Balmo Swap Day 23	Fut	Electronic	42.65	USD	FRPL				42.65	0.2	USD	FRPL
IPE	ICE Futures	Energy	VWU	Premium Unleaded Gasoline 10ppm FOB Med Cargoes Balmo Swap Day 24	Fut	Electronic	42.65	USD	FRPL				42.65	0.2	USD	FRPL
IPE	ICE Futures	Energy	VWV	Premium Unleaded Gasoline 10ppm FOB Med Cargoes Balmo Swap Day 25	Fut	Electronic	42.65	USD	FRPL				42.65	0.2	USD	FRPL
IPE	ICE Futures	Energy	VWW	Premium Unleaded Gasoline 10ppm FOB Med Cargoes Balmo Swap Day 26	Fut	Electronic	42.65	USD	FRPL				42.65	0.2	USD	FRPL

Exch Code	Exch Desc	Comm Group	Prod Code	Product Desc	F/O	Platform	Trd Fee	Trd Fee Cur	Trd Fee Meth	Clr Fee	Clr Fee Cur	Clr Fee Meth	Fee Total	Brk Fee	Brk Fee Cur	Brk Fee Meth
IPE	ICE Futures	Energy	VWX	Premium Unleaded Gasoline 10ppm FOB Med Cargoes Balmo Swap Day 27	Fut	Electronic	42.65	USD	FRPL				42.65	0.2	USD	FRPL
IPE	ICE Futures	Energy	VWY	Premium Unleaded Gasoline 10ppm FOB Med Cargoes Balmo Swap Day 28	Fut	Electronic	42.65	USD	FRPL				42.65	0.2	USD	FRPL
IPE	ICE Futures	Energy	VWZ	Premium Unleaded Gasoline 10ppm FOB Med Cargoes Balmo Swap Day 29	Fut	Electronic	42.65	USD	FRPL				42.65	0.2	USD	FRPL
IPE	ICE Futures	Energy	VXA	Premium Unleaded Gasoline 10ppm FOB Med Cargoes Balmo Swap Day 30	Fut	Electronic	42.65	USD	FRPL				42.65	0.2	USD	FRPL
IPE	ICE Futures	Energy	VXB	Premium Unleaded Gasoline 10ppm FOB Med Cargoes Balmo Swap Day 31	Fut	Electronic	42.65	USD	FRPL				42.65	0.2	USD	FRPL
IPE	ICE Futures	Energy	VXC	Singapore Gasoil Balmo Swap Day 1	Fut	Electronic	5.09	USD	FRPL				5.09	0.2	USD	FRPL
IPE	ICE Futures	Energy	VXD	Singapore Gasoil Balmo Swap Day 2	Fut	Electronic	5.09	USD	FRPL				5.09	0.2	USD	FRPL
IPE	ICE Futures	Energy	VXE	Singapore Gasoil Balmo Swap Day 3	Fut	Electronic	5.09	USD	FRPL				5.09	0.2	USD	FRPL
IPE	ICE Futures	Energy	VXF	Singapore Gasoil Balmo Swap Day 4	Fut	Electronic	5.09	USD	FRPL				5.09	0.2	USD	FRPL
IPE	ICE Futures	Energy	VXG	Singapore Gasoil Balmo Swap Day 5	Fut	Electronic	5.09	USD	FRPL				5.09	0.2	USD	FRPL
IPE	ICE Futures	Energy	VXH	Singapore Gasoil Balmo Swap Day 6	Fut	Electronic	5.09	USD	FRPL				5.09	0.2	USD	FRPL
IPE	ICE Futures	Energy	VXI	Singapore Gasoil Balmo Swap Day 7	Fut	Electronic	5.09	USD	FRPL				5.09	0.2	USD	FRPL
IPE	ICE Futures	Energy	VXJ	Singapore Gasoil Balmo Swap Day 8	Fut	Electronic	5.09	USD	FRPL				5.09	0.2	USD	FRPL
IPE	ICE Futures	Energy	VXK	Singapore Gasoil Balmo Swap Day 9	Fut	Electronic	5.09	USD	FRPL				5.09	0.2	USD	FRPL
IPE	ICE Futures	Energy	VXL	Singapore Gasoil Balmo Swap Day 10	Fut	Electronic	5.09	USD	FRPL				5.09	0.2	USD	FRPL
IPE	ICE Futures	Energy	VXM	Singapore Gasoil Balmo Swap Day 11	Fut	Electronic	5.09	USD	FRPL				5.09	0.2	USD	FRPL
IPE	ICE Futures	Energy	VXN	Singapore Gasoil Balmo Swap Day 12	Fut	Electronic	5.09	USD	FRPL				5.09	0.2	USD	FRPL
IPE	ICE Futures	Energy	VXO	Singapore Gasoil Balmo Swap Day 13	Fut	Electronic	5.09	USD	FRPL				5.09	0.2	USD	FRPL
IPE	ICE Futures	Energy	VXP	Singapore Gasoil Balmo Swap Day 14	Fut	Electronic	5.09	USD	FRPL				5.09	0.2	USD	FRPL
IPE	ICE Futures	Energy	VXQ	Singapore Gasoil Balmo Swap Day 15	Fut	Electronic	5.09	USD	FRPL				5.09	0.2	USD	FRPL
IPE	ICE Futures	Energy	VXR	Singapore Gasoil Balmo Swap Day 16	Fut	Electronic	5.09	USD	FRPL				5.09	0.2	USD	FRPL
IPE	ICE Futures	Energy	VXS	Singapore Gasoil Balmo Swap Day 17	Fut	Electronic	5.09	USD	FRPL				5.09	0.2	USD	FRPL
IPE	ICE Futures	Energy	VXT	Singapore Gasoil Balmo Swap Day 18	Fut	Electronic	5.09	USD	FRPL				5.09	0.2	USD	FRPL
IPE	ICE Futures	Energy	VXU	Singapore Gasoil Balmo Swap Day 19	Fut	Electronic	5.09	USD	FRPL				5.09	0.2	USD	FRPL
IPE	ICE Futures	Energy	VXV	Singapore Gasoil Balmo Swap Day 20	Fut	Electronic	5.09	USD	FRPL				5.09	0.2	USD	FRPL
IPE	ICE Futures	Energy	VXW	Singapore Gasoil Balmo Swap Day 21	Fut	Electronic	5.09	USD	FRPL				5.09	0.2	USD	FRPL
IPE	ICE Futures	Energy	VXX	Singapore Gasoil Balmo Swap Day 22	Fut	Electronic	5.09	USD	FRPL				5.09	0.2	USD	FRPL
IPE	ICE Futures	Energy	VXY	Singapore Gasoil Balmo Swap Day 23	Fut	Electronic	5.09	USD	FRPL				5.09	0.2	USD	FRPL
IPE	ICE Futures	Energy	VXZ	Singapore Gasoil Balmo Swap Day 24	Fut	Electronic	5.09	USD	FRPL				5.09	0.2	USD	FRPL
IPE	ICE Futures	Energy	VYA	Singapore Gasoil Balmo Swap Day 25	Fut	Electronic	5.09	USD	FRPL				5.09	0.2	USD	FRPL
IPE	ICE Futures	Energy	VYB	Singapore Gasoil Balmo Swap Day 26	Fut	Electronic	5.09	USD	FRPL				5.09	0.2	USD	FRPL
IPE	ICE Futures	Energy	VYC	Singapore Gasoil Balmo Swap Day 27	Fut	Electronic	5.09	USD	FRPL				5.09	0.2	USD	FRPL
IPE	ICE Futures	Energy	VYD	Singapore Gasoil Balmo Swap Day 28	Fut	Electronic	5.09	USD	FRPL				5.09	0.2	USD	FRPL
IPE	ICE Futures	Energy	VYE	Singapore Gasoil Balmo Swap Day 29	Fut	Electronic	5.09	USD	FRPL				5.09	0.2	USD	FRPL
IPE	ICE Futures	Energy	VYF	Singapore Gasoil Balmo Swap Day 30	Fut	Electronic	5.09	USD	FRPL				5.09	0.2	USD	FRPL
IPE	ICE Futures	Energy	VYG	Singapore Gasoil Balmo Swap Day 31	Fut	Electronic	5.09	USD	FRPL				5.09	0.2	USD	FRPL
IPE	ICE Futures	Energy	VYH	WCS TMX 1b Index Balmo Swap Day 1	Fut	Electronic	2.59	USD	FRPL				2.59	0.2	USD	FRPL
IPE	ICE Futures	Energy	VYI	WCS TMX 1b Index Balmo Swap Day 2	Fut	Electronic	2.59	USD	FRPL				2.59	0.2	USD	FRPL
IPE	ICE Futures	Energy	VYJ	WCS TMX 1b Index Balmo Swap Day 3	Fut	Electronic	2.59	USD	FRPL				2.59	0.2	USD	FRPL
IPE	ICE Futures	Energy	VYK	WCS TMX 1b Index Balmo Swap Day 4	Fut	Electronic	2.59	USD	FRPL				2.59	0.2	USD	FRPL
IPE	ICE Futures	Energy	VYL	WCS TMX 1b Index Balmo Swap Day 5	Fut	Electronic	2.59	USD	FRPL				2.59	0.2	USD	FRPL
IPE	ICE Futures	Energy	VYM	WCS TMX 1b Index Balmo Swap Day 6	Fut	Electronic	2.59	USD	FRPL				2.59	0.2	USD	FRPL
IPE	ICE Futures	Energy	VYN	WCS TMX 1b Index Balmo Swap Day 7	Fut	Electronic	2.59	USD	FRPL				2.59	0.2	USD	FRPL
IPE	ICE Futures	Energy	VYO	WCS TMX 1b Index Balmo Swap Day 8	Fut	Electronic	2.59	USD	FRPL				2.59	0.2	USD	FRPL
IPE	ICE Futures	Energy	VYP	WCS TMX 1b Index Balmo Swap Day 9	Fut	Electronic	2.59	USD	FRPL				2.59	0.2	USD	FRPL
IPE	ICE Futures	Energy	VYQ	WCS TMX 1b Index Balmo Swap Day 10	Fut	Electronic	2.59	USD	FRPL				2.59	0.2	USD	FRPL
IPE	ICE Futures	Energy	VYR	WCS TMX 1b Index Balmo Swap Day 11	Fut	Electronic	2.59	USD	FRPL				2.59	0.2	USD	FRPL
IPE	ICE Futures	Energy	VYS	WCS TMX 1b Index Balmo Swap Day 12	Fut	Electronic	2.59	USD	FRPL				2.59	0.2	USD	FRPL
IPE	ICE Futures	Energy	VYT	WCS TMX 1b Index Balmo Swap Day 13	Fut	Electronic	2.59	USD	FRPL				2.59	0.2	USD	FRPL
IPE	ICE Futures	Energy	VYU	WCS TMX 1b Index Balmo Swap Day 14	Fut	Electronic	2.59	USD	FRPL				2.59	0.2	USD	FRPL
IPE	ICE Futures	Energy	VYV	WCS TMX 1b Index Balmo Swap Day 15	Fut	Electronic	2.59	USD	FRPL				2.59	0.2	USD	FRPL
IPE	ICE Futures	Energy	VYW	WCS TMX 1b Index Balmo Swap Day 16	Fut	Electronic	2.59	USD	FRPL				2.59	0.2	USD	FRPL
IPE	ICE Futures	Energy	VYX	WCS TMX 1b Index Balmo Swap Day 17	Fut	Electronic	2.59	USD	FRPL				2.59	0.2	USD	FRPL
IPE	ICE Futures	Energy	VYY	WCS TMX 1b Index Balmo Swap Day 18	Fut	Electronic	2.59	USD	FRPL				2.59	0.2	USD	FRPL

Exch Code	Exch Desc	Comm Group	Prod Code	Product Desc	F/O	Platform	Trd Fee	Trd Fee Cur	Trd Fee Meth	Clr Fee	Clr Fee Cur	Clr Fee Meth	Fee Total	Brk Fee	Brk Fee Cur	Brk Fee Meth
IPE	ICE Futures	Energy	VYZ	WCS TMX 1b Index Balmo Swap Day 19	Fut	Electronic	2.59	USD	FRPL				2.59	0.2	USD	FRPL
IPE	ICE Futures	Energy	VZA	WCS TMX 1b Index Balmo Swap Day 20	Fut	Electronic	2.59	USD	FRPL				2.59	0.2	USD	FRPL
IPE	ICE Futures	Energy	VZB	WCS TMX 1b Index Balmo Swap Day 21	Fut	Electronic	2.59	USD	FRPL				2.59	0.2	USD	FRPL
IPE	ICE Futures	Energy	VZC	WCS TMX 1b Index Balmo Swap Day 22	Fut	Electronic	2.59	USD	FRPL				2.59	0.2	USD	FRPL
IPE	ICE Futures	Energy	VZD	WCS TMX 1b Index Balmo Swap Day 23	Fut	Electronic	2.59	USD	FRPL				2.59	0.2	USD	FRPL
IPE	ICE Futures	Energy	VZE	WCS TMX 1b Index Balmo Swap Day 24	Fut	Electronic	2.59	USD	FRPL				2.59	0.2	USD	FRPL
IPE	ICE Futures	Energy	VZF	WCS TMX 1b Index Balmo Swap Day 25	Fut	Electronic	2.59	USD	FRPL				2.59	0.2	USD	FRPL
IPE	ICE Futures	Energy	VZG	WCS TMX 1b Index Balmo Swap Day 26	Fut	Electronic	2.59	USD	FRPL				2.59	0.2	USD	FRPL
IPE	ICE Futures	Energy	VZH	WCS TMX 1b Index Balmo Swap Day 27	Fut	Electronic	2.59	USD	FRPL				2.59	0.2	USD	FRPL
IPE	ICE Futures	Energy	VZI	WCS TMX 1b Index Balmo Swap Day 28	Fut	Electronic	2.59	USD	FRPL				2.59	0.2	USD	FRPL
IPE	ICE Futures	Energy	VZJ	WCS TMX 1b Index Balmo Swap Day 29	Fut	Electronic	2.59	USD	FRPL				2.59	0.2	USD	FRPL
IPE	ICE Futures	Energy	VZK	WCS TMX 1b Index Balmo Swap Day 30	Fut	Electronic	2.59	USD	FRPL				2.59	0.2	USD	FRPL
IPE	ICE Futures	Energy	VZL	WCS TMX 1b Index Balmo Swap Day 31	Fut	Electronic	2.59	USD	FRPL				2.59	0.2	USD	FRPL
IPE	ICE Futures	Energy	WAU	TD5 FFA - West Africa to USAC (Baltic) Swap	Fut	Electronic	18.5	USD	FRPL				18.5	0.2	USD	FRPL
IPE	ICE Futures	Energy	WCN	TC14 FFA - USGC to Continent (Baltic) Swap	Fut	Electronic	18.5	USD	FRPL				18.5	0.2	USD	FRPL
IPE	ICE Futures	Energy	WGJ	TD3 FFA - Arabian Gulf to Japan (Baltic) Swap	Fut	Electronic	18.5	USD	FRPL				18.5	0.2	USD	FRPL
IPE	ICE Futures	Energy	WMJ	TC5 FFA - Arabian Gulf to Japan (Platts) Swap	Fut	Electronic	18.5	USD	FRPL				18.5	0.2	USD	FRPL
IPE	ICE Futures	Energy	WNC	TD7 FFA - UK North Sea to Continent (Baltic) Swap	Fut	Electronic	18.5	USD	FRPL				18.5	0.2	USD	FRPL
IPE	ICE Futures	Energy	WNU	TC2 FFA - Northwest Europe to USAC (Baltic) Swap	Fut	Electronic	18.5	USD	FRPL				18.5	0.2	USD	FRPL
IPE	ICE Futures	Energy	WSJ	TC4 FFA - Singapore to Japan (Platts) Swap	Fut	Electronic	18.5	USD	FRPL				18.5	0.2	USD	FRPL
IPE	ICE Futures	Energy	WSL	TC6 FFA - Skikda to Lavera (Cross Med) (Baltic) Swap	Fut	Electronic	18.5	USD	FRPL				18.5	0.2	USD	FRPL
IPE	ICE Futures	Energy	WTB	WTI Bullet Swap	Fut	Electronic	2.59	USD	FRPL				2.59	0.2	USD	FRPL
IPE	ICE Futures	Energy	WUL	EU-Style WTI Swap	Opt	Electronic	2.59	USD	FRPL				2.59	0.15	EUR	FRPL
IPE	ICE Futures	Energy	ZHF	Iso Butane, OPIS Mt. Belvieu TET, Fixed Price Swap (Balmo) Day 1	Fut	Electronic	10.75	USD	FRPL				10.75	0.2	USD	FRPL
IPE	ICE Futures	Energy	ZHG	Iso Butane, OPIS Mt. Belvieu TET, Fixed Price Swap (Balmo) Day 2	Fut	Electronic	10.75	USD	FRPL				10.75	0.2	USD	FRPL
IPE	ICE Futures	Energy	ZHH	Iso Butane, OPIS Mt. Belvieu TET, Fixed Price Swap (Balmo) Day 3	Fut	Electronic	10.75	USD	FRPL				10.75	0.2	USD	FRPL
IPE	ICE Futures	Energy	ZHI	Iso Butane, OPIS Mt. Belvieu TET, Fixed Price Swap (Balmo) Day 4	Fut	Electronic	10.75	USD	FRPL				10.75	0.2	USD	FRPL
IPE	ICE Futures	Energy	ZHJ	Iso Butane, OPIS Mt. Belvieu TET, Fixed Price Swap (Balmo) Day 5	Fut	Electronic	10.75	USD	FRPL				10.75	0.2	USD	FRPL
IPE	ICE Futures	Energy	ZHK	Iso Butane, OPIS Mt. Belvieu TET, Fixed Price Swap (Balmo) Day 6	Fut	Electronic	10.75	USD	FRPL				10.75	0.2	USD	FRPL
IPE	ICE Futures	Energy	ZHL	Iso Butane, OPIS Mt. Belvieu TET, Fixed Price Swap (Balmo) Day 7	Fut	Electronic	10.75	USD	FRPL				10.75	0.2	USD	FRPL
IPE	ICE Futures	Energy	ZHM	Iso Butane, OPIS Mt. Belvieu TET, Fixed Price Swap (Balmo) Day 8	Fut	Electronic	10.75	USD	FRPL				10.75	0.2	USD	FRPL
IPE	ICE Futures	Energy	ZHN	Iso Butane, OPIS Mt. Belvieu TET, Fixed Price Swap (Balmo) Day 9	Fut	Electronic	10.75	USD	FRPL				10.75	0.2	USD	FRPL
IPE	ICE Futures	Energy	ZHO	Iso Butane, OPIS Mt. Belvieu TET, Fixed Price Swap (Balmo) Day 10	Fut	Electronic	10.75	USD	FRPL				10.75	0.2	USD	FRPL
IPE	ICE Futures	Energy	ZHP	Iso Butane, OPIS Mt. Belvieu TET, Fixed Price Swap (Balmo) Day 11	Fut	Electronic	10.75	USD	FRPL				10.75	0.2	USD	FRPL
IPE	ICE Futures	Energy	ZHQ	Iso Butane, OPIS Mt. Belvieu TET, Fixed Price Swap (Balmo) Day 12	Fut	Electronic	10.75	USD	FRPL				10.75	0.2	USD	FRPL
IPE	ICE Futures	Energy	ZHR	Iso Butane, OPIS Mt. Belvieu TET, Fixed Price Swap (Balmo) Day 13	Fut	Electronic	10.75	USD	FRPL				10.75	0.2	USD	FRPL
IPE	ICE Futures	Energy	ZHS	Iso Butane, OPIS Mt. Belvieu TET, Fixed Price Swap (Balmo) Day 14	Fut	Electronic	10.75	USD	FRPL				10.75	0.2	USD	FRPL
IPE	ICE Futures	Energy	ZHT	Iso Butane, OPIS Mt. Belvieu TET, Fixed Price Swap (Balmo) Day 15	Fut	Electronic	10.75	USD	FRPL				10.75	0.2	USD	FRPL
IPE	ICE Futures	Energy	ZHU	Iso Butane, OPIS Mt. Belvieu TET, Fixed Price Swap (Balmo) Day 16	Fut	Electronic	10.75	USD	FRPL				10.75	0.2	USD	FRPL
IPE	ICE Futures	Energy	ZHV	Iso Butane, OPIS Mt. Belvieu TET, Fixed Price Swap (Balmo) Day 17	Fut	Electronic	10.75	USD	FRPL				10.75	0.2	USD	FRPL
IPE	ICE Futures	Energy	ZHW	Iso Butane, OPIS Mt. Belvieu TET, Fixed Price Swap (Balmo) Day 18	Fut	Electronic	10.75	USD	FRPL				10.75	0.2	USD	FRPL

Exch Code	Exch Desc	Comm Group	Prod Code	Product Desc	F/O	Platform	Trd Fee	Trd Fee Cur	Trd Fee Meth	Clr Fee	Clr Fee Cur	Clr Fee Meth	Fee Total	Brk Fee	Brk Fee Cur	Brk Fee Meth
IPE	ICE Futures	Energy	ZHX	Iso Butane, OPIS Mt. Belvieu TET, Fixed Price Swap (Balmo) Day 19	Fut	Electronic	10.75	USD	FRPL				10.75	0.2	USD	FRPL
IPE	ICE Futures	Energy	ZHY	Iso Butane, OPIS Mt. Belvieu TET, Fixed Price Swap (Balmo) Day 20	Fut	Electronic	10.75	USD	FRPL				10.75	0.2	USD	FRPL
IPE	ICE Futures	Energy	ZHZ	Iso Butane, OPIS Mt. Belvieu TET, Fixed Price Swap (Balmo) Day 21	Fut	Electronic	10.75	USD	FRPL				10.75	0.2	USD	FRPL
IPE	ICE Futures	Energy	ZIA	Iso Butane, OPIS Mt. Belvieu TET, Fixed Price Swap (Balmo) Day 22	Fut	Electronic	10.75	USD	FRPL				10.75	0.2	USD	FRPL
IPE	ICE Futures	Energy	ZIB	Iso Butane, OPIS Mt. Belvieu TET, Fixed Price Swap (Balmo) Day 23	Fut	Electronic	10.75	USD	FRPL				10.75	0.2	USD	FRPL
IPE	ICE Futures	Energy	ZIC	Iso Butane, OPIS Mt. Belvieu TET, Fixed Price Swap (Balmo) Day 24	Fut	Electronic	10.75	USD	FRPL				10.75	0.2	USD	FRPL
IPE	ICE Futures	Energy	ZID	Iso Butane, OPIS Mt. Belvieu TET, Fixed Price Swap (Balmo) Day 25	Fut	Electronic	10.75	USD	FRPL				10.75	0.2	USD	FRPL
IPE	ICE Futures	Energy	ZIE	Iso Butane, OPIS Mt. Belvieu TET, Fixed Price Swap (Balmo) Day 26	Fut	Electronic	10.75	USD	FRPL				10.75	0.2	USD	FRPL
IPE	ICE Futures	Energy	ZIF	Iso Butane, OPIS Mt. Belvieu TET, Fixed Price Swap (Balmo) Day 27	Fut	Electronic	10.75	USD	FRPL				10.75	0.2	USD	FRPL
IPE	ICE Futures	Energy	ZIG	Iso Butane, OPIS Mt. Belvieu TET, Fixed Price Swap (Balmo) Day 28	Fut	Electronic	10.75	USD	FRPL				10.75	0.2	USD	FRPL
IPE	ICE Futures	Energy	ZIH	Iso Butane, OPIS Mt. Belvieu TET, Fixed Price Swap (Balmo) Day 29	Fut	Electronic	10.75	USD	FRPL				10.75	0.2	USD	FRPL
IPE	ICE Futures	Energy	ZII	Iso Butane, OPIS Mt. Belvieu TET, Fixed Price Swap (Balmo) Day 30	Fut	Electronic	10.75	USD	FRPL				10.75	0.2	USD	FRPL
IPE	ICE Futures	Energy	ZIJ	Iso Butane, OPIS Mt. Belvieu TET, Fixed Price Swap (Balmo) Day 31	Fut	Electronic	10.75	USD	FRPL				10.75	0.2	USD	FRPL
KCBT	Kansas City Board of Trade	Agri	KW	Hard Red Winter Wheat	Fut	Electronic	1.7	USD	FRPL	0.1	USD	FRPL	1.8	0.2	USD	FRPL
KCBT	Kansas City Board of Trade	Agri	KW	Hard Red Winter Wheat	Fut	Floor	0.55	USD	FRPL	0.1	USD	FRPL	0.65	0.2	USD	FRPL
KCBT	Kansas City Board of Trade	Agri	KW	Hard Red Winter Wheat	Opt	Electronic	1.7	USD	FRPL	0.1	USD	FRPL	1.8	0.2	USD	FRPL
KCBT	Kansas City Board of Trade	Agri	KW	Hard Red Winter Wheat	Opt	Floor	0.55	USD	FRPL	0.1	USD	FRPL	0.65	0.2	USD	FRPL
LIFFE	Euronext.liffe	Equity		Group: LIFFE695 (3i Group plc)	Opt	Electronic	0.37	GBP	FRPL	0.03	GBP	FRPL	0.4	0.15	GBP	FRPL
LIFFE	Euronext.liffe	Equity	AC	Accor SA	Fut	Electronic	0.35	EUR	FRPL	0.05	EUR	FRPL	0.4	0.15	EUR	FRPL
LIFFE	Euronext.liffe	Equity	AHL	Koninklijke Ahold NV	Fut	Electronic	0.35	EUR	FRPL	0.05	EUR	FRPL	0.4	0.15	EUR	FRPL
LIFFE	Euronext.liffe	Equity	AKZ	Akzo Nobel	Fut	Electronic	0.35	EUR	FRPL	0.05	EUR	FRPL	0.4	0.15	EUR	FRPL
LIFFE	Euronext.liffe	Equity	ALC	Alcatel-Lucent	Fut	Electronic	0.35	EUR	FRPL	0.05	EUR	FRPL	0.4	0.15	EUR	FRPL
LIFFE	Euronext.liffe	Equity	ALN	Air Liquide SA	Fut	Electronic	0.35	EUR	FRPL	0.05	EUR	FRPL	0.4	0.15	EUR	FRPL
LIFFE	Euronext.liffe	Equity	ALT	Alstom SA	Fut	Electronic	0.35	EUR	FRPL	0.05	EUR	FRPL	0.4	0.15	EUR	FRPL
LIFFE	Euronext.liffe	Equity	ARL	ArcelorMittal SA	Fut	Electronic	0.35	EUR	FRPL	0.05	EUR	FRPL	0.4	0.15	EUR	FRPL
LIFFE	Euronext.liffe	Equity	ASL	ASML Holding NV	Fut	Electronic	0.35	EUR	FRPL	0.05	EUR	FRPL	0.4	0.15	EUR	FRPL
LIFFE	Euronext.liffe	Equity	AUT	Atlantia Spa	Fut	Electronic	0.35	EUR	FRPL	0.05	EUR	FRPL	0.4	0.15	EUR	FRPL
LIFFE	Euronext.liffe	Equity	AXQ	AXA SA	Fut	Electronic	0.35	EUR	FRPL	0.05	EUR	FRPL	0.4	0.15	EUR	FRPL
LIFFE	Euronext.liffe	Equity	BNR	BNP Paribas	Fut	Electronic	0.35	EUR	FRPL	0.05	EUR	FRPL	0.4	0.15	EUR	FRPL
LIFFE	Euronext.liffe	Equity	BOU	Bouygues SA	Fut	Electronic	0.35	EUR	FRPL	0.05	EUR	FRPL	0.4	0.15	EUR	FRPL
LIFFE	Euronext.liffe	Equity	BPV	Banca Popolare	Fut	Electronic	0.35	EUR	FRPL	0.05	EUR	FRPL	0.4	0.15	EUR	FRPL
LIFFE	Euronext.liffe	Soft	C	Cocoa	Fut	Electronic	0.51	GBP	FRPL	0.03	GBP	FRPL	0.54	0.15	GBP	FRPL
LIFFE	Euronext.liffe	Soft	C	Cocoa	Opt	Electronic	0.5	GBP	FRPL	0.03	GBP	FRPL	0.53	0.15	GBP	FRPL
LIFFE	Euronext.liffe	Equity	CAM	Carrefour SA	Fut	Electronic	0.35	EUR	FRPL	0.05	EUR	FRPL	0.4	0.15	EUR	FRPL
LIFFE	Euronext.liffe	Equity	CGM	Cap Gemini SA	Fut	Electronic	0.35	EUR	FRPL	0.05	EUR	FRPL	0.4	0.15	EUR	FRPL
LIFFE	Euronext.liffe	Equity	CRA	Credit Agricole	Fut	Electronic	0.35	EUR	FRPL	0.05	EUR	FRPL	0.4	0.15	EUR	FRPL
LIFFE	Euronext.liffe	Equity	DAO	Danone SA	Fut	Electronic	0.35	EUR	FRPL	0.05	EUR	FRPL	0.4	0.15	EUR	FRPL
LIFFE	Euronext.liffe	Equity	EAS	EADS Group	Fut	Electronic	0.35	EUR	FRPL	0.05	EUR	FRPL	0.4	0.15	EUR	FRPL
LIFFE	Euronext.liffe	Equity	ENI	ENI	Fut	Electronic	0.35	EUR	FRPL	0.05	EUR	FRPL	0.4	0.15	EUR	FRPL
LIFFE	Euronext.liffe	Equity	ENL	Enel SpA	Fut	Electronic	0.35	EUR	FRPL	0.05	EUR	FRPL	0.4	0.15	EUR	FRPL
LIFFE	Euronext.liffe	Int Rate	EO3	Three Month Eonia Swap Index	Fut	Electronic	0.25	GBP	FRPL	0.03	GBP	FRPL	0.28	0.15	EUR	FRPL
LIFFE	Euronext.liffe	Int Rate	EON	One month EONIA Index	Fut	Electronic	0.25	GBP	FRPL	0.03	GBP	FRPL	0.28	0.15	EUR	FRPL
LIFFE	Euronext.liffe	Equity	ESQ	Essilor International SA	Fut	Electronic	0.35	EUR	FRPL	0.05	EUR	FRPL	0.4	0.15	EUR	FRPL
LIFFE	Euronext.liffe	Index	ESX	FTSE 100 Index (European-Style Exercise)	Opt	Electronic	0.25	GBP	FRPL	0.03	GBP	FRPL	0.28	0.15	GBP	FRPL
LIFFE	Euronext.liffe	Equity	FIT	Fiat SpA	Fut	Electronic	0.35	EUR	FRPL	0.05	EUR	FRPL	0.4	0.15	EUR	FRPL
LIFFE	Euronext.liffe	Index	FLX	FTSE 100 Index FLEX (European-Style Exercise)	Opt	Electronic	0.25	GBP	FRPL	0.03	GBP	FRPL	0.28	0.15	GBP	FRPL

Exch Code	Exch Desc	Comm Group	Prod Code	Product Desc	F/O	Platform	Trd Fee	Trd Fee Cur	Trd Fee Meth	Clr Fee	Clr Fee Cur	Clr Fee Meth	Fee Total	Brk Fee	Brk Fee Cur	Brk Fee Meth
LIFFE	Euronext.liffe	Equity	FTM	France Telecom SA	Fut	Electronic	0.35	EUR	FRPL	0.05	EUR	FRPL	0.4	0.15	EUR	FRPL
LIFFE	Euronext.liffe	Int Rate	G	Short Gilt	Fut	Electronic	0.2	GBP	FRPL	0.03	GBP	FRPL	0.23	0.15	GBP	FRPL
LIFFE	Euronext.liffe	Equity	GDS	GDF Suez SA	Fut	Electronic	0.35	EUR	FRPL	0.05	EUR	FRPL	0.4	0.15	EUR	FRPL
LIFFE	Euronext.liffe	Equity	GEN	Assicurazioni Generali	Fut	Electronic	0.35	EUR	FRPL	0.05	EUR	FRPL	0.4	0.15	EUR	FRPL
LIFFE	Euronext.liffe	Int Rate	H	Medium Gilt	Fut	Electronic	0.2	GBP	FRPL	0.03	GBP	FRPL	0.23	0.15	GBP	FRPL
LIFFE	Euronext.liffe	Equity	HEI	Heineken NV	Fut	Electronic	0.35	EUR	FRPL	0.05	EUR	FRPL	0.4	0.15	EUR	FRPL
LIFFE	Euronext.liffe	Int Rate	I	3 month Euro (EURIBOR)	Fut	Electronic	0.25	GBP	FRPL	0.03	GBP	FRPL	0.28	0.15	EUR	FRPL
LIFFE	Euronext.liffe	Int Rate	I	3 month Euro (EURIBOR)	Opt	Electronic	0.22	GBP	FRPL	0.03	GBP	FRPL	0.25	0.15	EUR	FRPL
LIFFE	Euronext.liffe	Equity	ING	ING Groep NV	Fut	Electronic	0.35	EUR	FRPL	0.05	EUR	FRPL	0.4	0.15	EUR	FRPL
LIFFE	Euronext.liffe	Int Rate	JGB	Japanese Government Bond (JGB)	Fut	Electronic	34	JPY	FRPL	49	JPY	FRPL	83	15	JPY	FRPL
LIFFE	Euronext.liffe	Int Rate	K	1 year Mid-Curve on 3 month Euro (EURIBOR)	Opt	Electronic	0.22	GBP	FRPL	0.03	GBP	FRPL	0.25	0.15	EUR	FRPL
LIFFE	Euronext.liffe	Int Rate	K2	2 Year Mid-Curve On 3 Month Euro (EURIBOR)	Opt	Electronic	0.22	GBP	FRPL	0.03	GBP	FRPL	0.25	0.15	EUR	FRPL
LIFFE	Euronext.liffe	Int Rate	K3	3 Year Mid-Curve On 3 Month Euro (EURIBOR)	Opt	Electronic	0.22	GBP	FRPL	0.03	GBP	FRPL	0.25	0.15	EUR	FRPL
LIFFE	Euronext.liffe	Equity	KPN	Koninklijke KPN NV	Fut	Electronic	0.35	EUR	FRPL	0.05	EUR	FRPL	0.4	0.15	EUR	FRPL
LIFFE	Euronext.liffe	Int Rate	L	3 month Sterling (Short Sterling)	Fut	Electronic	0.25	GBP	FRPL	0.03	GBP	FRPL	0.28	0.15	GBP	FRPL
LIFFE	Euronext.liffe	Int Rate	L	3 month Sterling (Short Sterling)	Opt	Electronic	0.22	GBP	FRPL	0.03	GBP	FRPL	0.25	0.15	GBP	FRPL
LIFFE	Euronext.liffe	Equity	LAF	Lafarge SA	Fut	Electronic	0.35	EUR	FRPL	0.05	EUR	FRPL	0.4	0.15	EUR	FRPL
LIFFE	Euronext.liffe	Equity	LGG	Legrand SA	Fut	Electronic	0.35	EUR	FRPL	0.05	EUR	FRPL	0.4	0.15	EUR	FRPL
LIFFE	Euronext.liffe	Equity	LRL	L Oreal SA	Fut	Electronic	0.35	EUR	FRPL	0.05	EUR	FRPL	0.4	0.15	EUR	FRPL
LIFFE	Euronext.liffe	Int Rate	M	1 year Mid-Curve on 3 month Sterling (Short Sterling)	Opt	Electronic	0.22	GBP	FRPL	0.03	GBP	FRPL	0.25	0.15	GBP	FRPL
LIFFE	Euronext.liffe	Int Rate	M2	2 Year Mid-Curve On 3 Month Sterling (Short Sterling)	Opt	Electronic	0.22	GBP	FRPL	0.03	GBP	FRPL	0.25	0.15	GBP	FRPL
LIFFE	Euronext.liffe	Int Rate	M3	3 Year Mid-Curve On 3 Month Sterling (Short Sterling)	Opt	Electronic	0.22	GBP	FRPL	0.03	GBP	FRPL	0.25	0.15	GBP	FRPL
LIFFE	Euronext.liffe	Equity	MB	Mediobanca SpA	Fut	Electronic	0.35	EUR	FRPL	0.05	EUR	FRPL	0.4	0.15	EUR	FRPL
LIFFE	Euronext.liffe	Equity	MNO	Mondadori (Arnoldo) Editore	Fut	Electronic	0.35	EUR	FRPL	0.05	EUR	FRPL	0.4	0.15	EUR	FRPL
LIFFE	Euronext.liffe	Equity	MSI	Mediaset SpA	Fut	Electronic	0.35	EUR	FRPL	0.05	EUR	FRPL	0.4	0.15	EUR	FRPL
LIFFE	Euronext.liffe	Int Rate	O	5 year Euro Swapnote	Fut	Electronic	0.15	GBP	FRPL	0.03	GBP	FRPL	0.18	0.15	EUR	FRPL
LIFFE	Euronext.liffe	Int Rate	O	5 year Euro Swapnote	Opt	Electronic	0.15	GBP	FRPL	0.03	GBP	FRPL	0.18	0.15	EUR	FRPL
LIFFE	Euronext.liffe	Int Rate	P	10 year Euro Swapnote	Fut	Electronic	0.15	GBP	FRPL	0.03	GBP	FRPL	0.18	0.15	EUR	FRPL
LIFFE	Euronext.liffe	Int Rate	P	10 year Euro Swapnote	Opt	Electronic	0.15	GBP	FRPL	0.03	GBP	FRPL	0.18	0.15	EUR	FRPL
LIFFE	Euronext.liffe	Equity	PHI	Koninklijke Philips Electronics NV	Fut	Electronic	0.35	EUR	FRPL	0.05	EUR	FRPL	0.4	0.15	EUR	FRPL
LIFFE	Euronext.liffe	Equity	PTN	PostNL NV	Fut	Electronic	0.35	EUR	FRPL	0.05	EUR	FRPL	0.4	0.15	EUR	FRPL
LIFFE	Euronext.liffe	Index	Q	FTSE Eurotop 100 Index	Fut	Electronic	0.47	GBP	FRPL	0.03	GBP	FRPL	0.5	0.15	EUR	FRPL
LIFFE	Euronext.liffe	Int Rate	R	Long Gilt	Fut	Electronic	0.2	GBP	FRPL	0.03	GBP	FRPL	0.23	0.15	GBP	FRPL
LIFFE	Euronext.liffe	Int Rate	R	Long Gilt	Opt	Electronic	0.22	GBP	FRPL	0.03	GBP	FRPL	0.25	0.15	GBP	FRPL
LIFFE	Euronext.liffe	Soft	RC	Robusta Coffee - New	Fut	Electronic	0.5	GBP	FRPL	0.03	GBP	FRPL	0.53	0.2	USD	FRPL
LIFFE	Euronext.liffe	Soft	RC	Robusta Coffee - New	Opt	Electronic	0.5	GBP	FRPL	0.03	GBP	FRPL	0.53	0.2	USD	FRPL
LIFFE	Euronext.liffe	Equity	RD	Royal Dutch Shell A Shares Eur	Fut	Electronic	0.35	EUR	FRPL	0.05	EUR	FRPL	0.4	0.15	EUR	FRPL
LIFFE	Euronext.liffe	Equity	REA	Renault SA	Fut	Electronic	0.35	EUR	FRPL	0.05	EUR	FRPL	0.4	0.15	EUR	FRPL
LIFFE	Euronext.liffe	Equity	REN	Reed Elsevier NV	Fut	Electronic	0.35	EUR	FRPL	0.05	EUR	FRPL	0.4	0.15	EUR	FRPL
LIFFE	Euronext.liffe	Int Rate	S	3 month Euro Swiss Franc (Euroswiss)	Fut	Electronic	0.25	GBP	FRPL	0.03	GBP	FRPL	0.28	0.2	CHF	FRPL
LIFFE	Euronext.liffe	Int Rate	S	3 month Euro Swiss Franc (Euroswiss)	Opt	Electronic	0.25	GBP	FRPL	0.03	GBP	FRPL	0.28	0.2	CHF	FRPL
LIFFE	Euronext.liffe	Equity	SAP	SAP AG	Fut	Electronic	0.35	EUR	FRPL	0.05	EUR	FRPL	0.4	0.15	EUR	FRPL
LIFFE	Euronext.liffe	Equity	SGB	Saint Gobain	Fut	Electronic	0.35	EUR	FRPL	0.05	EUR	FRPL	0.4	0.15	EUR	FRPL
LIFFE	Euronext.liffe	Equity	SGR	Snam Rete Gas SpA	Fut	Electronic	0.35	EUR	FRPL	0.05	EUR	FRPL	0.4	0.15	EUR	FRPL
LIFFE	Euronext.liffe	Equity	SNE	Schneider Electric SA	Fut	Electronic	0.35	EUR	FRPL	0.05	EUR	FRPL	0.4	0.15	EUR	FRPL
LIFFE	Euronext.liffe	Equity	SNV	Sanofi-Aventis	Fut	Electronic	0.35	EUR	FRPL	0.05	EUR	FRPL	0.4	0.15	EUR	FRPL
LIFFE	Euronext.liffe	Equity	SOE	Societe Generale	Fut	Electronic	0.35	EUR	FRPL	0.05	EUR	FRPL	0.4	0.15	EUR	FRPL
LIFFE	Euronext.liffe	Equity	SPM	Saipem SpA	Fut	Electronic	0.35	EUR	FRPL	0.05	EUR	FRPL	0.4	0.15	EUR	FRPL
LIFFE	Euronext.liffe	Equity	STM	STMicroelectronics	Fut	Electronic	0.35	EUR	FRPL	0.05	EUR	FRPL	0.4	0.15	EUR	FRPL
LIFFE	Euronext.liffe	Agri	T	Feed Wheat	Fut	Electronic	0.5	GBP	FRPL	0.03	GBP	FRPL	0.53	0.15	GBP	FRPL
LIFFE	Euronext.liffe	Agri	T	Feed Wheat	Opt	Electronic	0.5	GBP	FRPL	0.03	GBP	FRPL	0.53	0.15	GBP	FRPL
LIFFE	Euronext.liffe	Equity	TI	Telecom Italia	Fut	Electronic	0.35	EUR	FRPL	0.05	EUR	FRPL	0.4	0.15	EUR	FRPL
LIFFE	Euronext.liffe	Equity	TIR	Telecom Italia (Saving Shares)	Fut	Electronic	0.35	EUR	FRPL	0.05	EUR	FRPL	0.4	0.15	EUR	FRPL
LIFFE	Euronext.liffe	Equity	TOA	Total SA	Fut	Electronic	0.35	EUR	FRPL	0.05	EUR	FRPL	0.4	0.15	EUR	FRPL
LIFFE	Euronext.liffe	Index	TPI	TOPIX	Fut	Electronic	50	JPY	FRPL	20	JPY	FRPL	70	15	JPY	FRPL
LIFFE	Euronext.liffe	Equity	TRN	Terna SpA	Fut	Electronic	0.35	EUR	FRPL	0.05	EUR	FRPL	0.4	0.15	EUR	FRPL
LIFFE	Euronext.liffe	Int Rate	TWS	2 year Euro Swapnote	Fut	Electronic	0.15	GBP	FRPL	0.03	GBP	FRPL	0.18	0.15	EUR	FRPL
LIFFE	Euronext.liffe	Int Rate	TWS	2 year Euro Swapnote	Opt	Electronic	0.15	GBP	FRPL	0.03	GBP	FRPL	0.18	0.15	EUR	FRPL
LIFFE	Euronext.liffe	Equity	UC	UniCredit SpA	Fut	Electronic	0.35	EUR	FRPL	0.05	EUR	FRPL	0.4	0.15	EUR	FRPL

Exch Code	Exch Desc	Comm Group	Prod Code	Product Desc	F/O	Platform	Trd Fee	Trd Fee Cur	Trd Fee Meth	Clr Fee	Clr Fee Cur	Clr Fee Meth	Fee Total	Brk Fee	Brk Fee Cur	Brk Fee Meth
LIFFE	Euronext.liffe	Equity	UNA	Unilever N.V.	Fut	Electronic	0.35	EUR	FRPL	0.05	EUR	FRPL	0.4	0.15	EUR	FRPL
LIFFE	Euronext.liffe	Int Rate	USO	5 year USD Swapnote	Fut	Electronic	0.15	GBP	FRPL	0.03	GBP	FRPL	0.18	0.2	GBP	FRPL
LIFFE	Euronext.liffe	Int Rate	USP	10 year USD Swapnote	Fut	Electronic	0.15	GBP	FRPL	0.03	GBP	FRPL	0.18	0.2	GBP	FRPL
LIFFE	Euronext.liffe	Int Rate	USW	2 year USD Swapnote	Fut	Electronic	0.15	GBP	FRPL	0.03	GBP	FRPL	0.18	0.2	GBP	FRPL
LIFFE	Euronext.liffe	Equity	VEO	Veolia Environement SA	Fut	Electronic	0.35	EUR	FRPL	0.05	EUR	FRPL	0.4	0.15	EUR	FRPL
LIFFE	Euronext.liffe	Equity	VIN	Vinci SA	Fut	Electronic	0.35	EUR	FRPL	0.05	EUR	FRPL	0.4	0.15	EUR	FRPL
LIFFE	Euronext.liffe	Equity	VVI	Vivendi	Fut	Electronic	0.35	EUR	FRPL	0.05	EUR	FRPL	0.4	0.15	EUR	FRPL
LIFFE	Euronext.liffe	Soft	W	White Sugar	Fut	Electronic	0.5	GBP	FRPL	0.03	GBP	FRPL	0.53	0.2	USD	FRPL
LIFFE	Euronext.liffe	Soft	W	White Sugar	Opt	Electronic	0.5	GBP	FRPL	0.03	GBP	FRPL	0.53	0.2	USD	FRPL
LIFFE	Euronext.liffe	Index	XZ	FTSE 100 Dividend Index - RDSA Withholding Contract	Fut	Electronic	0.2	GBP	FRPL	0.03	GBP	FRPL	0.23	0.15	GBP	FRPL
LIFFE	Euronext.liffe	Index	Y	FTSE 250 Index	Fut	Electronic	0.47	GBP	FRPL	0.03	GBP	FRPL	0.5	0.15	GBP	FRPL
LIFFE	Euronext.liffe	Index	YZ	FTSE 100 Declared Dividend Index	Fut	Electronic	0.2	GBP	FRPL	0.03	GBP	FRPL	0.23	0.15	GBP	FRPL
LIFFE	Euronext.liffe	Index	Z	FTSE 100 Index	Fut	Electronic	0.25	GBP	FRPL	0.03	GBP	FRPL	0.28	0.15	GBP	FRPL
LME	London Metal Exchange	Metal	AAD	Aluminium Alloy	Fut	Electronic	0.17	GBP	FRPL	0.08	GBP	FRPL	0.25	0.2	USD	FRPL
LME	London Metal Exchange	Metal	AAD	Aluminium Alloy	Fut	Floor	0.05	GBP	FRPL	0.08	GBP	FRPL	0.13	0.2	USD	FRPL
LME	London Metal Exchange	Metal	AAE	Aluminium Alloy EUR	Fut	Electronic	0.17	GBP	FRPL	0.08	GBP	FRPL	0.25	0.2	USD	FRPL
LME	London Metal Exchange	Metal	AAE	Aluminium Alloy EUR	Fut	Floor	0.05	GBP	FRPL	0.08	GBP	FRPL	0.13	0.2	USD	FRPL
LME	London Metal Exchange	Metal	AAS	Aluminium Alloy GBP	Fut	Electronic	0.17	GBP	FRPL	0.08	GBP	FRPL	0.25	0.2	USD	FRPL
LME	London Metal Exchange	Metal	AAS	Aluminium Alloy GBP	Fut	Floor	0.05	GBP	FRPL	0.08	GBP	FRPL	0.13	0.2	USD	FRPL
LME	London Metal Exchange	Metal	AAY	Aluminium Alloy JPY	Fut	Electronic	0.17	GBP	FRPL	0.08	GBP	FRPL	0.25	0.2	USD	FRPL
LME	London Metal Exchange	Metal	AAY	Aluminium Alloy JPY	Fut	Floor	0.05	GBP	FRPL	0.08	GBP	FRPL	0.13	0.2	USD	FRPL
LME	London Metal Exchange	Metal	AHD	Primary High Grade Aluminium	Fut	Electronic	0.17	GBP	FRPL	0.08	GBP	FRPL	0.25	0.2	USD	FRPL
LME	London Metal Exchange	Metal	AHD	Primary High Grade Aluminium	Fut	Floor	0.05	GBP	FRPL	0.08	GBP	FRPL	0.13	0.2	USD	FRPL
LME	London Metal Exchange	Metal	AHE	Primary High Grade Aluminium EUR	Fut	Electronic	0.17	GBP	FRPL	0.08	GBP	FRPL	0.25	0.2	USD	FRPL
LME	London Metal Exchange	Metal	AHE	Primary High Grade Aluminium EUR	Fut	Floor	0.05	GBP	FRPL	0.08	GBP	FRPL	0.13	0.2	USD	FRPL
LME	London Metal Exchange	Metal	AHS	Primary High Grade Aluminium GBP	Fut	Electronic	0.17	GBP	FRPL	0.08	GBP	FRPL	0.25	0.2	USD	FRPL
LME	London Metal Exchange	Metal	AHS	Primary High Grade Aluminium GBP	Fut	Floor	0.05	GBP	FRPL	0.08	GBP	FRPL	0.13	0.2	USD	FRPL
LME	London Metal Exchange	Metal	AHY	Primary High Grade Aluminium JPY	Fut	Electronic	0.17	GBP	FRPL	0.08	GBP	FRPL	0.25	0.2	USD	FRPL
LME	London Metal Exchange	Metal	AHY	Primary High Grade Aluminium JPY	Fut	Floor	0.05	GBP	FRPL	0.08	GBP	FRPL	0.13	0.2	USD	FRPL
LME	London Metal Exchange	Metal	CAD	Copper Grade A	Fut	Electronic	0.17	GBP	FRPL	0.08	GBP	FRPL	0.25	0.2	USD	FRPL
LME	London Metal Exchange	Metal	CAD	Copper Grade A	Fut	Floor	0.05	GBP	FRPL	0.08	GBP	FRPL	0.13	0.2	USD	FRPL
LME	London Metal Exchange	Metal	CAE	Copper Grade A EUR	Fut	Electronic	0.17	GBP	FRPL	0.08	GBP	FRPL	0.25	0.2	USD	FRPL
LME	London Metal Exchange	Metal	CAE	Copper Grade A EUR	Fut	Floor	0.05	GBP	FRPL	0.08	GBP	FRPL	0.13	0.2	USD	FRPL
LME	London Metal Exchange	Metal	CAS	Copper Grade A GBP	Fut	Electronic	0.17	GBP	FRPL	0.08	GBP	FRPL	0.25	0.2	USD	FRPL
LME	London Metal Exchange	Metal	CAS	Copper Grade A GBP	Fut	Floor	0.05	GBP	FRPL	0.08	GBP	FRPL	0.13	0.2	USD	FRPL
LME	London Metal Exchange	Metal	CAY	Copper Grade A JPY	Fut	Electronic	0.17	GBP	FRPL	0.08	GBP	FRPL	0.25	0.2	USD	FRPL
LME	London Metal Exchange	Metal	CAY	Copper Grade A JPY	Fut	Floor	0.05	GBP	FRPL	0.08	GBP	FRPL	0.13	0.2	USD	FRPL
LME	London Metal Exchange	Metal	COD	Cobalt	Fut	Electronic				0.08	GBP	FRPL	0.08	0.2	USD	FRPL
LME	London Metal Exchange	Metal	COD	Cobalt	Fut	Floor				0.08	GBP	FRPL	0.08	0.2	USD	FRPL
LME	London Metal Exchange	Metal	COE	Cobalt EUR	Fut	Electronic				0.08	GBP	FRPL	0.08	0.2	USD	FRPL
LME	London Metal Exchange	Metal	COE	Cobalt EUR	Fut	Floor				0.08	GBP	FRPL	0.08	0.2	USD	FRPL
LME	London Metal Exchange	Metal	COS	Cobalt GBP	Fut	Electronic				0.08	GBP	FRPL	0.08	0.2	USD	FRPL
LME	London Metal Exchange	Metal	COS	Cobalt GBP	Fut	Floor				0.08	GBP	FRPL	0.08	0.2	USD	FRPL
LME	London Metal Exchange	Metal	COY	Cobalt JPY	Fut	Electronic				0.08	GBP	FRPL	0.08	0.2	USD	FRPL
LME	London Metal Exchange	Metal	COY	Cobalt JPY	Fut	Floor				0.08	GBP	FRPL	0.08	0.2	USD	FRPL
LME	London Metal Exchange	Metal	FMD	Steel Billet	Fut	Electronic	0.17	GBP	FRPL	0.08	GBP	FRPL	0.25	0.2	USD	FRPL
LME	London Metal Exchange	Metal	FMD	Steel Billet	Fut	Floor	0.05	GBP	FRPL	0.08	GBP	FRPL	0.13	0.2	USD	FRPL
LME	London Metal Exchange	Metal	MAD	Mini Primary Aluminium	Fut	Electronic	0.17	GBP	FRPL	0.08	GBP	FRPL	0.25	0.2	USD	FRPL
LME	London Metal Exchange	Metal	MAD	Mini Primary Aluminium	Fut	Floor	0.05	GBP	FRPL	0.08	GBP	FRPL	0.13	0.2	USD	FRPL
LME	London Metal Exchange	Metal	MCD	Mini Copper Grade A	Fut	Electronic	0.17	GBP	FRPL	0.08	GBP	FRPL	0.25	0.2	USD	FRPL
LME	London Metal Exchange	Metal	MCD	Mini Copper Grade A	Fut	Floor	0.05	GBP	FRPL	0.08	GBP	FRPL	0.13	0.2	USD	FRPL
LME	London Metal Exchange	Metal	MOD	Molybdenum	Fut	Electronic				0.08	GBP	FRPL	0.08	0.2	USD	FRPL
LME	London Metal Exchange	Metal	MOD	Molybdenum	Fut	Floor				0.08	GBP	FRPL	0.08	0.2	USD	FRPL
LME	London Metal Exchange	Metal	MOE	Molybdenum EUR	Fut	Electronic				0.08	GBP	FRPL	0.08	0.2	USD	FRPL
LME	London Metal Exchange	Metal	MOE	Molybdenum EUR	Fut	Floor				0.08	GBP	FRPL	0.08	0.2	USD	FRPL
LME	London Metal Exchange	Metal	MOS	Molybdenum GBP	Fut	Electronic				0.08	GBP	FRPL	0.08	0.2	USD	FRPL
LME	London Metal Exchange	Metal	MOS	Molybdenum GBP	Fut	Floor				0.08	GBP	FRPL	0.08	0.2	USD	FRPL
LME	London Metal Exchange	Metal	MOY	Molybdenum JPY	Fut	Electronic				0.08	GBP	FRPL	0.08	0.2	USD	FRPL
LME	London Metal Exchange	Metal	MOY	Molybdenum JPY	Fut	Floor				0.08	GBP	FRPL	0.08	0.2	USD	FRPL

Exch Code	Exch Desc	Comm Group	Prod Code	Product Desc	F/O	Platform	Trd Fee	Trd Fee Cur	Trd Fee Meth	Clr Fee	Clr Fee Cur	Clr Fee Meth	Fee Total	Brk Fee	Brk Fee Cur	Brk Fee Meth
LME	London Metal Exchange	Index	MXD	LMEX	Fut	Electronic	0.17	GBP	FRPL	0.08	GBP	FRPL	0.25	0.2	USD	FRPL
LME	London Metal Exchange	Index	MXD	LMEX	Fut	Floor	0.05	GBP	FRPL	0.08	GBP	FRPL	0.13	0.2	USD	FRPL
LME	London Metal Exchange	Metal	MZD	Mini Special High Grade Zinc	Fut	Electronic	0.17	GBP	FRPL	0.08	GBP	FRPL	0.25	0.2	USD	FRPL
LME	London Metal Exchange	Metal	MZD	Mini Special High Grade Zinc	Fut	Floor	0.05	GBP	FRPL	0.08	GBP	FRPL	0.13	0.2	USD	FRPL
LME	London Metal Exchange	Metal	NAD	North American Special Aluminium Alloy	Fut	Electronic	0.17	GBP	FRPL	0.08	GBP	FRPL	0.25	0.2	USD	FRPL
LME	London Metal Exchange	Metal	NAD	North American Special Aluminium Alloy	Fut	Floor	0.05	GBP	FRPL	0.08	GBP	FRPL	0.13	0.2	USD	FRPL
LME	London Metal Exchange	Metal	NAE	NASAAC EUR	Fut	Electronic	0.17	GBP	FRPL	0.08	GBP	FRPL	0.25	0.2	USD	FRPL
LME	London Metal Exchange	Metal	NAE	NASAAC EUR	Fut	Floor	0.05	GBP	FRPL	0.08	GBP	FRPL	0.13	0.2	USD	FRPL
LME	London Metal Exchange	Metal	NAS	NASAAC GBP	Fut	Electronic	0.17	GBP	FRPL	0.08	GBP	FRPL	0.25	0.2	USD	FRPL
LME	London Metal Exchange	Metal	NAS	NASAAC GBP	Fut	Floor	0.05	GBP	FRPL	0.08	GBP	FRPL	0.13	0.2	USD	FRPL
LME	London Metal Exchange	Metal	NAY	NASAAC JPY	Fut	Electronic	0.17	GBP	FRPL	0.08	GBP	FRPL	0.25	0.2	USD	FRPL
LME	London Metal Exchange	Metal	NAY	NASAAC JPY	Fut	Floor	0.05	GBP	FRPL	0.08	GBP	FRPL	0.13	0.2	USD	FRPL
LME	London Metal Exchange	Metal	NID	Nickel	Fut	Electronic	0.17	GBP	FRPL	0.08	GBP	FRPL	0.25	0.2	USD	FRPL
LME	London Metal Exchange	Metal	NID	Nickel	Fut	Floor	0.05	GBP	FRPL	0.08	GBP	FRPL	0.13	0.2	USD	FRPL
LME	London Metal Exchange	Metal	NIE	Nickel EUR	Fut	Electronic	0.17	GBP	FRPL	0.08	GBP	FRPL	0.25	0.2	USD	FRPL
LME	London Metal Exchange	Metal	NIE	Nickel EUR	Fut	Floor	0.05	GBP	FRPL	0.08	GBP	FRPL	0.13	0.2	USD	FRPL
LME	London Metal Exchange	Metal	NIS	Nickel GBP	Fut	Electronic	0.17	GBP	FRPL	0.08	GBP	FRPL	0.25	0.2	USD	FRPL
LME	London Metal Exchange	Metal	NIS	Nickel GBP	Fut	Floor	0.05	GBP	FRPL	0.08	GBP	FRPL	0.13	0.2	USD	FRPL
LME	London Metal Exchange	Metal	NIY	Nickel JPY	Fut	Electronic	0.17	GBP	FRPL	0.08	GBP	FRPL	0.25	0.2	USD	FRPL
LME	London Metal Exchange	Metal	NIY	Nickel JPY	Fut	Floor	0.05	GBP	FRPL	0.08	GBP	FRPL	0.13	0.2	USD	FRPL
LME	London Metal Exchange	Metal	OAD	Primary Aluminium Swap	Fut	Electronic	0.17	GBP	FRPL	0.08	GBP	FRPL	0.25	0.2	USD	FRPL
LME	London Metal Exchange	Metal	OAD	Primary Aluminium Swap	Fut	Floor	0.05	GBP	FRPL	0.08	GBP	FRPL	0.13	0.2	USD	FRPL
LME	London Metal Exchange	Metal	OCD	Copper Grade A Swap	Fut	Electronic	0.17	GBP	FRPL	0.08	GBP	FRPL	0.25	0.2	USD	FRPL
LME	London Metal Exchange	Metal	OCD	Copper Grade A Swap	Fut	Floor	0.05	GBP	FRPL	0.08	GBP	FRPL	0.13	0.2	USD	FRPL
LME	London Metal Exchange	Metal	OLD	Aluminium Alloy Swap	Fut	Electronic	0.17	GBP	FRPL	0.08	GBP	FRPL	0.25	0.2	USD	FRPL
LME	London Metal Exchange	Metal	OLD	Aluminium Alloy Swap	Fut	Floor	0.05	GBP	FRPL	0.08	GBP	FRPL	0.13	0.2	USD	FRPL
LME	London Metal Exchange	Metal	OMD	NASAAC Swap	Fut	Electronic	0.17	GBP	FRPL	0.08	GBP	FRPL	0.25	0.2	USD	FRPL
LME	London Metal Exchange	Metal	OMD	NASAAC Swap	Fut	Floor	0.05	GBP	FRPL	0.08	GBP	FRPL	0.13	0.2	USD	FRPL
LME	London Metal Exchange	Metal	OND	Nickel Swap	Fut	Electronic	0.17	GBP	FRPL	0.08	GBP	FRPL	0.25	0.2	USD	FRPL
LME	London Metal Exchange	Metal	OND	Nickel Swap	Fut	Floor	0.05	GBP	FRPL	0.08	GBP	FRPL	0.13	0.2	USD	FRPL
LME	London Metal Exchange	Metal	OPD	Standard Lead Swap	Fut	Electronic	0.17	GBP	FRPL	0.08	GBP	FRPL	0.25	0.2	USD	FRPL
LME	London Metal Exchange	Metal	OPD	Standard Lead Swap	Fut	Floor	0.05	GBP	FRPL	0.08	GBP	FRPL	0.13	0.2	USD	FRPL
LME	London Metal Exchange	Metal	OSD	Tin Swap	Fut	Electronic	0.17	GBP	FRPL	0.08	GBP	FRPL	0.25	0.2	USD	FRPL
LME	London Metal Exchange	Metal	OSD	Tin Swap	Fut	Floor	0.05	GBP	FRPL	0.08	GBP	FRPL	0.13	0.2	USD	FRPL
LME	London Metal Exchange	Metal	OZD	Special High Grade Zinc Swap	Fut	Electronic	0.17	GBP	FRPL	0.08	GBP	FRPL	0.25	0.2	USD	FRPL
LME	London Metal Exchange	Metal	OZD	Special High Grade Zinc Swap	Fut	Floor	0.05	GBP	FRPL	0.08	GBP	FRPL	0.13	0.2	USD	FRPL
LME	London Metal Exchange	Metal	PBD	Standard Lead	Fut	Electronic	0.17	GBP	FRPL	0.08	GBP	FRPL	0.25	0.2	USD	FRPL
LME	London Metal Exchange	Metal	PBD	Standard Lead	Fut	Floor	0.05	GBP	FRPL	0.08	GBP	FRPL	0.13	0.2	USD	FRPL
LME	London Metal Exchange	Metal	PBE	Standard Lead EUR	Fut	Electronic	0.17	GBP	FRPL	0.08	GBP	FRPL	0.25	0.2	USD	FRPL
LME	London Metal Exchange	Metal	PBE	Standard Lead EUR	Fut	Floor	0.05	GBP	FRPL	0.08	GBP	FRPL	0.13	0.2	USD	FRPL
LME	London Metal Exchange	Metal	PBS	Standard Lead GBP	Fut	Electronic	0.17	GBP	FRPL	0.08	GBP	FRPL	0.25	0.2	USD	FRPL
LME	London Metal Exchange	Metal	PBS	Standard Lead GBP	Fut	Floor	0.05	GBP	FRPL	0.08	GBP	FRPL	0.13	0.2	USD	FRPL
LME	London Metal Exchange	Metal	PBY	Standard Lead JPY	Fut	Electronic	0.17	GBP	FRPL	0.08	GBP	FRPL	0.25	0.2	USD	FRPL
LME	London Metal Exchange	Metal	PBY	Standard Lead JPY	Fut	Floor	0.05	GBP	FRPL	0.08	GBP	FRPL	0.13	0.2	USD	FRPL
LME	London Metal Exchange	Metal	SND	Tin	Fut	Electronic	0.17	GBP	FRPL	0.08	GBP	FRPL	0.25	0.2	USD	FRPL
LME	London Metal Exchange	Metal	SND	Tin	Fut	Floor	0.05	GBP	FRPL	0.08	GBP	FRPL	0.13	0.2	USD	FRPL
LME	London Metal Exchange	Metal	SNE	Tin EUR	Fut	Electronic	0.17	GBP	FRPL	0.08	GBP	FRPL	0.25	0.2	USD	FRPL
LME	London Metal Exchange	Metal	SNE	Tin EUR	Fut	Floor	0.05	GBP	FRPL	0.08	GBP	FRPL	0.13	0.2	USD	FRPL
LME	London Metal Exchange	Metal	SNS	Tin GBP	Fut	Electronic	0.17	GBP	FRPL	0.08	GBP	FRPL	0.25	0.2	USD	FRPL
LME	London Metal Exchange	Metal	SNS	Tin GBP	Fut	Floor	0.05	GBP	FRPL	0.08	GBP	FRPL	0.13	0.2	USD	FRPL
LME	London Metal Exchange	Metal	SNY	Tin JPY	Fut	Electronic	0.17	GBP	FRPL	0.08	GBP	FRPL	0.25	0.2	USD	FRPL
LME	London Metal Exchange	Metal	SNY	Tin JPY	Fut	Floor	0.05	GBP	FRPL	0.08	GBP	FRPL	0.13	0.2	USD	FRPL
LME	London Metal Exchange	Metal	ZSD	Special High Grade Zinc	Fut	Electronic	0.17	GBP	FRPL	0.08	GBP	FRPL	0.25	0.2	USD	FRPL
LME	London Metal Exchange	Metal	ZSD	Special High Grade Zinc	Fut	Floor	0.05	GBP	FRPL	0.08	GBP	FRPL	0.13	0.2	USD	FRPL
LME	London Metal Exchange	Metal	ZSE	Special High Grade Zinc EUR	Fut	Electronic	0.17	GBP	FRPL	0.08	GBP	FRPL	0.25	0.2	USD	FRPL
LME	London Metal Exchange	Metal	ZSE	Special High Grade Zinc EUR	Fut	Floor	0.05	GBP	FRPL	0.08	GBP	FRPL	0.13	0.2	USD	FRPL
LME	London Metal Exchange	Metal	ZSS	Special High Grade Zinc GBP	Fut	Electronic	0.17	GBP	FRPL	0.08	GBP	FRPL	0.25	0.2	USD	FRPL
LME	London Metal Exchange	Metal	ZSS	Special High Grade Zinc GBP	Fut	Floor	0.05	GBP	FRPL	0.08	GBP	FRPL	0.13	0.2	USD	FRPL
LME	London Metal Exchange	Metal	ZSY	Special High Grade Zinc JPY	Fut	Electronic	0.17	GBP	FRPL	0.08	GBP	FRPL	0.25	0.2	USD	FRPL

Exch Code	Exch Desc	Comm Group	Prod Code	Product Desc	F/O	Platform	Trd Fee	Trd Fee Cur	Trd Fee Meth	Clr Fee	Clr Fee Cur	Clr Fee Meth	Fee Total	Brk Fee	Brk Fee Cur	Brk Fee Meth
LME	London Metal Exchange	Metal	ZSY	Special High Grade Zinc JPY	Fut	Floor	0.05	GBP	FRPL	0.08	GBP	FRPL	0.13	0.2	USD	FRPL
MDEX	Bursa MY Derivatives Berhad	Equity	FAIR	AirAsia Bhd	Fut	Electronic	1	MYR	FRPL	1	MYR	FRPL	2	2.5	MXN	FRPL
MDEX	Bursa MY Derivatives Berhad	Equity	FAMM	AMMB Holdings Bhd	Fut	Electronic	3	MYR	FRPL	1	MYR	FRPL	4	2.5	MXN	FRPL
MDEX	Bursa MY Derivatives Berhad	Equity	FBRS	Bursa Malaysia Bhd	Fut	Electronic	3	MYR	FRPL	1	MYR	FRPL	4	2.5	MXN	FRPL
MDEX	Bursa MY Derivatives Berhad	Equity	FBST	Berjaya Sports Toto Bhd	Fut	Electronic	1	MYR	FRPL	1	MYR	FRPL	2	2.5	MXN	FRPL
MDEX	Bursa MY Derivatives Berhad	Agri	FCPO	Crude Palm Oil	Fut	Electronic	2	MYR	FRPL	1	MYR	FRPL	3	2.5	MXN	FRPL
MDEX	Bursa MY Derivatives Berhad	Equity	FGEN	Genting Bhd	Fut	Electronic	5	MYR	FRPL	1	MYR	FRPL	6	2.5	MXN	FRPL
MDEX	Bursa MY Derivatives Berhad	Equity	FIOI	IOI Corporation Bhd	Fut	Electronic	3	MYR	FRPL	1	MYR	FRPL	4	2.5	MXN	FRPL
MDEX	Bursa MY Derivatives Berhad	Int Rate	FKB3	3 Month Kuala Lumpur Interbank Offered Rate	Fut	Electronic	0.5	MYR	FRPL	0.5	MYR	FRPL	1	2.5	MXN	FRPL
MDEX	Bursa MY Derivatives Berhad	Index	FKLI	FTSE Bursa Malaysia KLCI	Fut	Electronic	4	MYR	FRPL	1	MYR	FRPL	5	2.5	MXN	FRPL
MDEX	Bursa MY Derivatives Berhad	Int Rate	FMG3	3-Year Malaysian Government Securities	Fut	Electronic	0.5	MYR	FRPL	0.5	MYR	FRPL	1	2.5	MXN	FRPL
MDEX	Bursa MY Derivatives Berhad	Int Rate	FMG5	5-Year Malaysian Government Securities	Fut	Electronic	0.5	MYR	FRPL	0.5	MYR	FRPL	1	2.5	MXN	FRPL
MDEX	Bursa MY Derivatives Berhad	Agri	FPKO	Crude Palm Kernel Oil	Fut	Electronic	5	MYR	FRPL	1	MYR	FRPL	6	2.5	MXN	FRPL
MDEX	Bursa MY Derivatives Berhad	Equity	FRHB	RHB Capital Bhd	Fut	Electronic	3	MYR	FRPL	1	MYR	FRPL	4	2.5	MXN	FRPL
MDEX	Bursa MY Derivatives Berhad	Equity	FTEL	Telekom Malaysia Bhd	Fut	Electronic	3	MYR	FRPL	1	MYR	FRPL	4	2.5	MXN	FRPL
MDEX	Bursa MY Derivatives Berhad	Agri	FUPO	USD Crude Palm Oil	Fut	Electronic	0.6	USD	FRPL	0.3	USD	FRPL	0.9	2.5	MXN	FRPL
MDEX	Bursa MY Derivatives Berhad	Agri	OCPO	Crude Palm Oil	Opt	Electronic	9	MYR	FRPL				9	2.5	MXN	FRPL
MDEX	Bursa MY Derivatives Berhad	Index	OKLI	FTSE Bursa Malaysia KLCI	Opt	Electronic	9	MYR	FRPL	1	MYR	FRPL	10	2.5	MXN	FRPL
ME	Montreal Exchange	Equity		Group: ME10 (AGF Management Ltd Cl B)	Opt	Electronic	0.53	CAD	FRPL	0.12	CAD	FRPL	0.65	0.2	CAD	FRPL
ME	Montreal Exchange	Int Rate	BAX	Three-Month Canadian Bankers' Acceptance	Fut	Electronic	0.85	CAD	FRPL	0.2	CAD	FRPL	1.05	0.2	CAD	FRPL
ME	Montreal Exchange	Int Rate	CGB	Ten-Year Government of Canada Bond	Fut	Electronic	0.85	CAD	FRPL	0.2	CAD	FRPL	1.05	0.2	CAD	FRPL
ME	Montreal Exchange	Int Rate	CGF	Five-Year Government of Canada Bond	Fut	Electronic	0.85	CAD	FRPL	0.2	CAD	FRPL	1.05	0.2	CAD	FRPL
ME	Montreal Exchange	Index	CGL	iShares Gold Bullion Fund	Opt	Electronic	0.28	CAD	FRPL	0.2	CAD	FRPL	0.48	0.2	CAD	FRPL
ME	Montreal Exchange	Int Rate	CGZ	Two-Year Government of Canada Bond	Fut	Electronic	0.85	CAD	FRPL	0.2	CAD	FRPL	1.05	0.2	CAD	FRPL
ME	Montreal Exchange	Index	COW	iShares Global Agriculture Index Fund	Opt	Electronic	0.28	CAD	FRPL	0.2	CAD	FRPL	0.48	0.2	CAD	FRPL
ME	Montreal Exchange	Index	GAS2	iShares Natural Gas Commodity Index Fund Adj	Opt	Electronic	0.28	CAD	FRPL	0.2	CAD	FRPL	0.48	0.2	CAD	FRPL
ME	Montreal Exchange	Index	HED	Horizons BetaPro S&P/TSX Capped Energy Bear Plus ETF	Opt	Electronic	0.28	CAD	FRPL	0.2	CAD	FRPL	0.48	0.2	CAD	FRPL
ME	Montreal Exchange	Index	HEU	Horizons BetaPro S&P/TSX Capped Energy Bull Plus ETF	Opt	Electronic	0.28	CAD	FRPL	0.2	CAD	FRPL	0.48	0.2	CAD	FRPL
ME	Montreal Exchange	Index	HFD	Horizons BetaPro S&P/TSX Capped Financials Bear Plus ETF	Opt	Electronic	0.28	CAD	FRPL	0.2	CAD	FRPL	0.48	0.2	CAD	FRPL
ME	Montreal Exchange	Index	HFU	Horizons BetaPro S&P/TSX Capped Financials Bull Plus ETF	Opt	Electronic	0.28	CAD	FRPL	0.2	CAD	FRPL	0.48	0.2	CAD	FRPL
ME	Montreal Exchange	Index	HGD	Horizons BetaPro S&P/TSX Global Gold Bear Plus ETF	Opt	Electronic	0.28	CAD	FRPL	0.2	CAD	FRPL	0.48	0.2	CAD	FRPL
ME	Montreal Exchange	Index	HGU	Horizons BetaPro S&P/TSX Global Gold Bull Plus ETF	Opt	Electronic	0.28	CAD	FRPL	0.2	CAD	FRPL	0.48	0.2	CAD	FRPL
ME	Montreal Exchange	Index	HIX	Horizons BetaPro S&P/TSX 60 Inverse ETF	Opt	Electronic	0.28	CAD	FRPL	0.2	CAD	FRPL	0.48	0.2	CAD	FRPL
ME	Montreal Exchange	Index	HND	Horizons BetaPro NYMEX Natural Gas Bear Plus ETF	Opt	Electronic	0.28	CAD	FRPL	0.2	CAD	FRPL	0.48	0.2	CAD	FRPL
ME	Montreal Exchange	Index	HNU	Horizons BetaPro NYMEX Natural Gas Bull Plus ETF	Opt	Electronic	0.28	CAD	FRPL	0.2	CAD	FRPL	0.48	0.2	CAD	FRPL
ME	Montreal Exchange	Index	HNU3	Horizons BetaPro NYMEX Natural Gas Bull Plus ETF Adj	Opt	Electronic	0.28	CAD	FRPL	0.2	CAD	FRPL	0.48	0.2	CAD	FRPL
ME	Montreal Exchange	Index	HOD	Horizons BetaPro NYMEX Crude Oil Bear Plus ETF	Opt	Electronic	0.28	CAD	FRPL	0.2	CAD	FRPL	0.48	0.2	CAD	FRPL
ME	Montreal Exchange	Index	HOU	Horizons BetaPro NYMEX Crude Oil Bull Plus ETF	Opt	Electronic	0.28	CAD	FRPL	0.2	CAD	FRPL	0.48	0.2	CAD	FRPL
ME	Montreal Exchange	Index	HXD	Horizons BetaPro S&P/TSX 60 Bear Plus ETF	Opt	Electronic	0.28	CAD	FRPL	0.2	CAD	FRPL	0.48	0.2	CAD	FRPL
ME	Montreal Exchange	Index	HXT	Horizons BetaPro S&P/TSX 60 Index ETF	Opt	Electronic	0.28	CAD	FRPL	0.12	CAD	FRPL	0.4	0.2	CAD	FRPL
ME	Montreal Exchange	Index	HXU	Horizons BetaPro S&P/TSX 60 Bull Plus ETF	Opt	Electronic	0.28	CAD	FRPL	0.2	CAD	FRPL	0.48	0.2	CAD	FRPL
ME	Montreal Exchange	Int Rate	LGB	30-Year Government of Canada Bond	Fut	Electronic	0.85	CAD	FRPL	0.2	CAD	FRPL	1.05	0.2	CAD	FRPL
ME	Montreal Exchange	Int Rate	OBW	Serial Mid-Curve On BAX	Opt	Electronic	0.53	CAD	FRPL	0.2	CAD	FRPL	0.73	0.2	CAD	FRPL
ME	Montreal Exchange	Int Rate	OBX	Three-Month Canadian Bankers' Acceptance	Opt	Electronic	0.53	CAD	FRPL	0.2	CAD	FRPL	0.73	0.2	CAD	FRPL
ME	Montreal Exchange	Int Rate	OBY	One Year Quarterly Mid-Curve On BAX	Opt	Electronic	0.53	CAD	FRPL	0.2	CAD	FRPL	0.73	0.2	CAD	FRPL
ME	Montreal Exchange	Int Rate	OBZ	Two Year Quarterly Mid-Curve On BAX	Opt	Electronic	0.53	CAD	FRPL	0.2	CAD	FRPL	0.73	0.2	CAD	FRPL
ME	Montreal Exchange	Int Rate	OGB	Ten-Year Government of Canada Bond	Opt	Electronic	0.53	CAD	FRPL	0.2	CAD	FRPL	0.73	0.2	CAD	FRPL
ME	Montreal Exchange	Int Rate	OIS	Overnight Index Swap	Fut	Electronic	0.85	CAD	FRPL	0.2	CAD	FRPL	1.05	0.2	CAD	FRPL
ME	Montreal Exchange	Int Rate	ONX	30-Day Overnight Repo Rate	Fut	Electronic	0.85	CAD	FRPL	0.2	CAD	FRPL	1.05	0.2	CAD	FRPL
ME	Montreal Exchange	Index	SCF	S&P/TSX Composite Index Mini Futures	Fut	Electronic	0.85	CAD	FRPL	0.2	CAD	FRPL	1.05	0.2	CAD	FRPL
ME	Montreal Exchange	Index	SXA	S&P/TSX Global Gold Index	Fut	Electronic	0.85	CAD	FRPL	0.2	CAD	FRPL	1.05	0.2	CAD	FRPL
ME	Montreal Exchange	Index	SXB	S&P/TSX Capped Financials Index	Fut	Electronic	0.85	CAD	FRPL	0.2	CAD	FRPL	1.05	0.2	CAD	FRPL
ME	Montreal Exchange	Index	SXF	S&P/TSX 60 Index	Fut	Electronic	0.85	CAD	FRPL	0.2	CAD	FRPL	1.05	0.2	CAD	FRPL
ME	Montreal Exchange	Index	SXH	S&P/TSX Capped Information Technology Index	Fut	Electronic	0.85	CAD	FRPL	0.2	CAD	FRPL	1.05	0.2	CAD	FRPL
ME	Montreal Exchange	Index	SXM	S&P/TSX 60 Index Mini	Fut	Electronic	0.22	CAD	FRPL	0.2	CAD	FRPL	0.42	0.2	CAD	FRPL
ME	Montreal Exchange	Index	SXO	S&P/TSX 60 Index	Opt	Electronic	0.03	CAD	FRPL				0.03	0.2	CAD	FRPL
ME	Montreal Exchange	Index	SXY	S&P/TSX Capped Energy Index	Fut	Electronic	0.85	CAD	FRPL	0.2	CAD	FRPL	1.05	0.2	CAD	FRPL
ME	Montreal Exchange	Currency	USX	USD/CAD	Opt	Electronic	0.53	CAD	FRPL	0.2	CAD	FRPL	0.73	0.2	CAD	FRPL

Exch Code	Exch Desc	Comm Group	Prod Code	Product Desc	F/O	Platform	Trd Fee	Trd Fee Cur	Trd Fee Meth	Clr Fee	Clr Fee Cur	Clr Fee Meth	Fee Total	Brk Fee	Brk Fee Cur	Brk Fee Meth
ME	Montreal Exchange	Index	XCB	iShares DEX All Corporate Bond Index Fund	Opt	Electronic	0.28	CAD	FRPL	0.2	CAD	FRPL	0.48	0.2	CAD	FRPL
ME	Montreal Exchange	Index	XDV	iShares Dow Jones Canada Select Dividend Index Fund	Opt	Electronic	0.28	CAD	FRPL	0.2	CAD	FRPL	0.48	0.2	CAD	FRPL
ME	Montreal Exchange	Index	XEG	iShares S&P/TSX Capped Energy Index Fund	Opt	Electronic	0.28	CAD	FRPL	0.2	CAD	FRPL	0.48	0.2	CAD	FRPL
ME	Montreal Exchange	Index	XFN	iShares S&P/TSX Capped Financials Index Fund	Opt	Electronic	0.28	CAD	FRPL	0.2	CAD	FRPL	0.48	0.2	CAD	FRPL
ME	Montreal Exchange	Index	XGD	iShares S&P/TSX Global Gold Index Fund	Opt	Electronic	0.28	CAD	FRPL	0.12	CAD	FRPL	0.4	0.2	CAD	FRPL
ME	Montreal Exchange	Index	XIC	iShares S&P/TSX Capped Composite Index Fund	Opt	Electronic	0.28	CAD	FRPL	0.2	CAD	FRPL	0.48	0.2	CAD	FRPL
ME	Montreal Exchange	Index	XIN	iShares MSCI EAFE Index Fund (CAD-Hedged)	Opt	Electronic	0.28	CAD	FRPL	0.2	CAD	FRPL	0.48	0.2	CAD	FRPL
ME	Montreal Exchange	Index	XIT	iShares S&P/TSX Capped Information Technology Index Fund	Opt	Electronic	0.28	CAD	FRPL	0.2	CAD	FRPL	0.48	0.2	CAD	FRPL
ME	Montreal Exchange	Index	XIU	iShares S&P/TSX 60 Index Fund	Opt	Electronic	0.28	CAD	FRPL	0.2	CAD	FRPL	0.48	0.2	CAD	FRPL
ME	Montreal Exchange	Index	XMA	iShares S&P/TSX Capped Materials Index Fund	Opt	Electronic	0.28	CAD	FRPL	0.2	CAD	FRPL	0.48	0.2	CAD	FRPL
ME	Montreal Exchange	Index	XRE	iShares S&P/TSX Capped REIT Index Fund	Opt	Electronic	0.28	CAD	FRPL	0.2	CAD	FRPL	0.48	0.2	CAD	FRPL
ME	Montreal Exchange	Index	XSB	iShares DEX Short Term Bond Index Fund	Opt	Electronic	0.28	CAD	FRPL	0.2	CAD	FRPL	0.48	0.2	CAD	FRPL
ME	Montreal Exchange	Index	XSP	iShares S&P 500 Index Fund (CAD-Hedged)	Opt	Electronic	0.28	CAD	FRPL	0.2	CAD	FRPL	0.48	0.2	CAD	FRPL
ME	Montreal Exchange	Index	XSU	iShares Russell 2000 Index Fund	Opt	Electronic	0.28	CAD	FRPL	0.2	CAD	FRPL	0.48	0.2	CAD	FRPL
ME	Montreal Exchange	Index	ZCN	BMO S&P/TSX Capped Composite Index ETF	Opt	Electronic	0.28	CAD	FRPL	0.2	CAD	FRPL	0.48	0.2	CAD	FRPL
ME	Montreal Exchange	Index	ZEB	BMO S&P/TSX Equal Weight Banks Index ETF	Opt	Electronic	0.28	CAD	FRPL	0.2	CAD	FRPL	0.48	0.2	CAD	FRPL
MEFF	Mercado Espanol de Futuros Financiarios	Equity		Group: MEFF12 (ACS)	Opt	Electronic	0.2	EUR	FRPL				0.2	0.15	EUR	FRPL
MEFF	Mercado Espanol de Futuros Financiarios	Equity	FA3TC	Antena 3 TV (C)	Fut	Electronic	0.2	EUR	FRPL				0.2	0.15	EUR	FRPL
MEFF	Mercado Espanol de Futuros Financiarios	Equity	FA3TP	Antena 3 TV	Fut	Electronic	0.2	EUR	FRPL				0.2	0.15	EUR	FRPL
MEFF	Mercado Espanol de Futuros Financiarios	Equity	FABBC	Abengoa (C)	Fut	Electronic	0.2	EUR	FRPL				0.2	0.15	EUR	FRPL
MEFF	Mercado Espanol de Futuros Financiarios	Equity	FABBP	Abengoa	Fut	Electronic	0.2	EUR	FRPL				0.2	0.15	EUR	FRPL
MEFF	Mercado Espanol de Futuros Financiarios	Equity	FABEC	Abertis (C)	Fut	Electronic	0.2	EUR	FRPL				0.2	0.15	EUR	FRPL
MEFF	Mercado Espanol de Futuros Financiarios	Equity	FABEC119	Abertis Adj (C)	Fut	Electronic	0.2	EUR	FRPL				0.2	0.15	EUR	FRPL
MEFF	Mercado Espanol de Futuros Financiarios	Equity	FABEP	Abertis	Fut	Electronic	0.2	EUR	FRPL				0.2	0.15	EUR	FRPL
MEFF	Mercado Espanol de Futuros Financiarios	Equity	FABEP119	Abertis Adj	Fut	Electronic	0.2	EUR	FRPL				0.2	0.15	EUR	FRPL
MEFF	Mercado Espanol de Futuros Financiarios	Equity	FABZC	Abengoa Adj (C)	Fut	Electronic	0.2	EUR	FRPL				0.2	0.15	EUR	FRPL
MEFF	Mercado Espanol de Futuros Financiarios	Equity	FABZP	Abengoa Adj	Fut	Electronic	0.2	EUR	FRPL				0.2	0.15	EUR	FRPL
MEFF	Mercado Espanol de Futuros Financiarios	Equity	FACSC	ACS (C)	Fut	Electronic	0.2	EUR	FRPL				0.2	0.15	EUR	FRPL
MEFF	Mercado Espanol de Futuros Financiarios	Equity	FACSP	ACS	Fut	Electronic	0.2	EUR	FRPL				0.2	0.15	EUR	FRPL
MEFF	Mercado Espanol de Futuros Financiarios	Equity	FACXC	Acerinox (C)	Fut	Electronic	0.2	EUR	FRPL				0.2	0.15	EUR	FRPL
MEFF	Mercado Espanol de Futuros Financiarios	Equity	FACXP	Acerinox	Fut	Electronic	0.2	EUR	FRPL				0.2	0.15	EUR	FRPL
MEFF	Mercado Espanol de Futuros Financiarios	Equity	FAEGC	Aegon (C)	Fut	Electronic	0.2	EUR	FRPL				0.2	0.15	EUR	FRPL
MEFF	Mercado Espanol de Futuros Financiarios	Equity	FAIRC	Air Liquide (C)	Fut	Electronic	0.2	EUR	FRPL				0.2	0.15	EUR	FRPL
MEFF	Mercado Espanol de Futuros Financiarios	Equity	FALUC	Alcatel (C)	Fut	Electronic	0.2	EUR	FRPL				0.2	0.15	EUR	FRPL
MEFF	Mercado Espanol de Futuros Financiarios	Equity	FALVC	Allianz (C)	Fut	Electronic	0.2	EUR	FRPL				0.2	0.15	EUR	FRPL
MEFF	Mercado Espanol de Futuros Financiarios	Equity	FAMSC	Amadeus (C)	Fut	Electronic	0.2	EUR	FRPL				0.2	0.15	EUR	FRPL
MEFF	Mercado Espanol de Futuros Financiarios	Equity	FAMSP	Amadeus	Fut	Electronic	0.2	EUR	FRPL				0.2	0.15	EUR	FRPL
MEFF	Mercado Espanol de Futuros Financiarios	Equity	FANAC	Acciona (C)	Fut	Electronic	0.2	EUR	FRPL				0.2	0.15	EUR	FRPL
MEFF	Mercado Espanol de Futuros Financiarios	Equity	FANAP	Acciona	Fut	Electronic	0.2	EUR	FRPL				0.2	0.15	EUR	FRPL
MEFF	Mercado Espanol de Futuros Financiarios	Equity	FASIC	Assicurazioni Generali (C)	Fut	Electronic	0.2	EUR	FRPL				0.2	0.15	EUR	FRPL
MEFF	Mercado Espanol de Futuros Financiarios	Equity	FAXAC	AXA UAP (C)	Fut	Electronic	0.2	EUR	FRPL				0.2	0.15	EUR	FRPL
MEFF	Mercado Espanol de Futuros Financiarios	Int Rate	FB10	10 Year Government Bond	Fut	Electronic	0.2	EUR	FRPL				0.2	0.15	EUR	FRPL
MEFF	Mercado Espanol de Futuros Financiarios	Equity	FBASC	BASF AG (C)	Fut	Electronic	0.2	EUR	FRPL				0.2	0.15	EUR	FRPL
MEFF	Mercado Espanol de Futuros Financiarios	Equity	FBAYC	Bayer AG (C)	Fut	Electronic	0.2	EUR	FRPL				0.2	0.15	EUR	FRPL
MEFF	Mercado Espanol de Futuros Financiarios	Equity	FBBVC	BBVA (C)	Fut	Electronic	0.2	EUR	FRPL				0.2	0.15	EUR	FRPL
MEFF	Mercado Espanol de Futuros Financiarios	Equity	FBBVD	BBVA Dividend	Fut	Electronic	1	EUR	FRPL				1	0.15	EUR	FRPL
MEFF	Mercado Espanol de Futuros Financiarios	Equity	FBBVP	BBVA	Fut	Electronic	0.2	EUR	FRPL				0.2	0.15	EUR	FRPL
MEFF	Mercado Espanol de Futuros Financiarios	Equity	FBKIC	Bankia (C)	Fut	Electronic	0.2	EUR	FRPL				0.2	0.15	EUR	FRPL
MEFF	Mercado Espanol de Futuros Financiarios	Equity	FBKIP	Bankia	Fut	Electronic	0.2	EUR	FRPL				0.2	0.15	EUR	FRPL
MEFF	Mercado Espanol de Futuros Financiarios	Equity	FBKTC	Bankinter (C)	Fut	Electronic	0.2	EUR	FRPL				0.2	0.15	EUR	FRPL
MEFF	Mercado Espanol de Futuros Financiarios	Equity	FBKTP	Bankinter	Fut	Electronic	0.2	EUR	FRPL				0.2	0.15	EUR	FRPL
MEFF	Mercado Espanol de Futuros Financiarios	Equity	FBMEC	BME (C)	Fut	Electronic	0.2	EUR	FRPL				0.2	0.15	EUR	FRPL
MEFF	Mercado Espanol de Futuros Financiarios	Equity	FBMEC102	BME Adj (C)	Fut	Electronic	0.2	EUR	FRPL				0.2	0.15	EUR	FRPL
MEFF	Mercado Espanol de Futuros Financiarios	Equity	FBMEP	BME	Fut	Electronic	0.2	EUR	FRPL				0.2	0.15	EUR	FRPL
MEFF	Mercado Espanol de Futuros Financiarios	Equity	FBMEP102	BME Adj	Fut	Electronic	0.2	EUR	FRPL				0.2	0.15	EUR	FRPL
MEFF	Mercado Espanol de Futuros Financiarios	Equity	FBNPC	BNP Paribas SA (C)	Fut	Electronic	0.2	EUR	FRPL				0.2	0.15	EUR	FRPL
MEFF	Mercado Espanol de Futuros Financiarios	Equity	FBTOC	Banesto (C)	Fut	Electronic	0.2	EUR	FRPL				0.2	0.15	EUR	FRPL
MEFF	Mercado Espanol de Futuros Financiarios	Equity	FBTOP	Banesto	Fut	Electronic	0.2	EUR	FRPL				0.2	0.15	EUR	FRPL
MEFF	Mercado Espanol de Futuros Financiarios	Equity	FCABC	CaixaBank SA (C)	Fut	Electronic	0.2	EUR	FRPL				0.2	0.15	EUR	FRPL

Exch Code	Exch Desc	Comm Group	Prod Code	Product Desc	F/O	Platform	Trd Fee	Trd Fee Cur	Trd Fee Meth	Clr Fee	Clr Fee Cur	Clr Fee Meth	Fee Total	Brk Fee	Brk Fee Cur	Brk Fee Meth
MEFF	Mercado Espanol de Futuros Financiarios	Equity	FCABP	CaixaBank SA	Fut	Electronic	0.2	EUR	FRPL				0.2	0.15	EUR	FRPL
MEFF	Mercado Espanol de Futuros Financiarios	Equity	FCAGC	Credit Agricole (C)	Fut	Electronic	0.2	EUR	FRPL				0.2	0.15	EUR	FRPL
MEFF	Mercado Espanol de Futuros Financiarios	Equity	FCARC	Carrefour Supermarche (C)	Fut	Electronic	0.2	EUR	FRPL				0.2	0.15	EUR	FRPL
MEFF	Mercado Espanol de Futuros Financiarios	Equity	FCRDC	Unicredit (C)	Fut	Electronic	0.2	EUR	FRPL				0.2	0.15	EUR	FRPL
MEFF	Mercado Espanol de Futuros Financiarios	Equity	FDANC	Danone (C)	Fut	Electronic	0.2	EUR	FRPL				0.2	0.15	EUR	FRPL
MEFF	Mercado Espanol de Futuros Financiarios	Equity	FDBKC	Deutsche Bank (C)	Fut	Electronic	0.2	EUR	FRPL				0.2	0.15	EUR	FRPL
MEFF	Mercado Espanol de Futuros Financiarios	Equity	FDCXC	Daimler Chrysler AG (C)	Fut	Electronic	0.2	EUR	FRPL				0.2	0.15	EUR	FRPL
MEFF	Mercado Espanol de Futuros Financiarios	Equity	FDIAC	DIA (C)	Fut	Electronic	0.2	EUR	FRPL				0.2	0.15	EUR	FRPL
MEFF	Mercado Espanol de Futuros Financiarios	Equity	FDIAP	DIA	Fut	Electronic	0.2	EUR	FRPL				0.2	0.15	EUR	FRPL
MEFF	Mercado Espanol de Futuros Financiarios	Equity	FDTEC	Deutsche Telekom (C)	Fut	Electronic	0.2	EUR	FRPL				0.2	0.15	EUR	FRPL
MEFF	Mercado Espanol de Futuros Financiarios	Equity	FEBRC	Ebro Foods (C)	Fut	Electronic	0.2	EUR	FRPL				0.2	0.15	EUR	FRPL
MEFF	Mercado Espanol de Futuros Financiarios	Equity	FEBRC101	Ebro Foods Adj (C)	Fut	Electronic	0.2	EUR	FRPL				0.2	0.15	EUR	FRPL
MEFF	Mercado Espanol de Futuros Financiarios	Equity	FEBRP	Ebro Foods	Fut	Electronic	0.2	EUR	FRPL				0.2	0.15	EUR	FRPL
MEFF	Mercado Espanol de Futuros Financiarios	Equity	FEBRP101	Ebro Foods Adj	Fut	Electronic	0.2	EUR	FRPL				0.2	0.15	EUR	FRPL
MEFF	Mercado Espanol de Futuros Financiarios	Equity	FELEC	Endesa (C)	Fut	Electronic	0.2	EUR	FRPL				0.2	0.15	EUR	FRPL
MEFF	Mercado Espanol de Futuros Financiarios	Equity	FELEP	Endesa	Fut	Electronic	0.2	EUR	FRPL				0.2	0.15	EUR	FRPL
MEFF	Mercado Espanol de Futuros Financiarios	Equity	FENAC	Enagas (C)	Fut	Electronic	0.2	EUR	FRPL				0.2	0.15	EUR	FRPL
MEFF	Mercado Espanol de Futuros Financiarios	Equity	FENAP	Enagas	Fut	Electronic	0.2	EUR	FRPL				0.2	0.15	EUR	FRPL
MEFF	Mercado Espanol de Futuros Financiarios	Equity	FENEC	Enel (C)	Fut	Electronic	0.2	EUR	FRPL				0.2	0.15	EUR	FRPL
MEFF	Mercado Espanol de Futuros Financiarios	Equity	FENIC	ENI SpA (C)	Fut	Electronic	0.2	EUR	FRPL				0.2	0.15	EUR	FRPL
MEFF	Mercado Espanol de Futuros Financiarios	Equity	FEONC	E.ON AG (C)	Fut	Electronic	0.2	EUR	FRPL				0.2	0.15	EUR	FRPL
MEFF	Mercado Espanol de Futuros Financiarios	Equity	FFCCC	FCC (C)	Fut	Electronic	0.2	EUR	FRPL				0.2	0.15	EUR	FRPL
MEFF	Mercado Espanol de Futuros Financiarios	Equity	FFCCP	FCC	Fut	Electronic	0.2	EUR	FRPL				0.2	0.15	EUR	FRPL
MEFF	Mercado Espanol de Futuros Financiarios	Equity	FFERC	Ferrovial (C)	Fut	Electronic	0.2	EUR	FRPL				0.2	0.15	EUR	FRPL
MEFF	Mercado Espanol de Futuros Financiarios	Equity	FFERP	Ferrovial	Fut	Electronic	0.2	EUR	FRPL				0.2	0.15	EUR	FRPL
MEFF	Mercado Espanol de Futuros Financiarios	Equity	FFTEC	France Telecom SA (C)	Fut	Electronic	0.2	EUR	FRPL				0.2	0.15	EUR	FRPL
MEFF	Mercado Espanol de Futuros Financiarios	Equity	FGAMC	Gamesa (C)	Fut	Electronic	0.2	EUR	FRPL				0.2	0.15	EUR	FRPL
MEFF	Mercado Espanol de Futuros Financiarios	Equity	FGAMP	Gamesa	Fut	Electronic	0.2	EUR	FRPL				0.2	0.15	EUR	FRPL
MEFF	Mercado Espanol de Futuros Financiarios	Equity	FGASC	Gas Natural (C)	Fut	Electronic	0.2	EUR	FRPL				0.2	0.15	EUR	FRPL
MEFF	Mercado Espanol de Futuros Financiarios	Equity	FGASP	Gas Natural	Fut	Electronic	0.2	EUR	FRPL				0.2	0.15	EUR	FRPL
MEFF	Mercado Espanol de Futuros Financiarios	Equity	FGRFC	Grifols (C)	Fut	Electronic	0.2	EUR	FRPL				0.2	0.15	EUR	FRPL
MEFF	Mercado Espanol de Futuros Financiarios	Equity	FGRFC104	Grifols Adj (C)	Fut	Electronic	0.2	EUR	FRPL				0.2	0.15	EUR	FRPL
MEFF	Mercado Espanol de Futuros Financiarios	Equity	FGRFP	Grifols	Fut	Electronic	0.2	EUR	FRPL				0.2	0.15	EUR	FRPL
MEFF	Mercado Espanol de Futuros Financiarios	Equity	FGRFP104	Grifols Adj	Fut	Electronic	0.2	EUR	FRPL				0.2	0.15	EUR	FRPL
MEFF	Mercado Espanol de Futuros Financiarios	Equity	FIAGC	IAG (C)	Fut	Electronic	0.2	EUR	FRPL				0.2	0.15	EUR	FRPL
MEFF	Mercado Espanol de Futuros Financiarios	Equity	FIAGP	IAG	Fut	Electronic	0.2	EUR	FRPL				0.2	0.15	EUR	FRPL
MEFF	Mercado Espanol de Futuros Financiarios	Equity	FIBEC	Iberdrola (C)	Fut	Electronic	0.2	EUR	FRPL				0.2	0.15	EUR	FRPL
MEFF	Mercado Espanol de Futuros Financiarios	Equity	FIBED	Iberdrola Dividend	Fut	Electronic	1	EUR	FRPL				1	0.15	EUR	FRPL
MEFF	Mercado Espanol de Futuros Financiarios	Equity	FIBEP	Iberdrola	Fut	Electronic	0.2	EUR	FRPL				0.2	0.15	EUR	FRPL
MEFF	Mercado Espanol de Futuros Financiarios	Equity	FIDRC	Indra (C)	Fut	Electronic	0.2	EUR	FRPL				0.2	0.15	EUR	FRPL
MEFF	Mercado Espanol de Futuros Financiarios	Equity	FIDRP	Indra A	Fut	Electronic	0.2	EUR	FRPL				0.2	0.15	EUR	FRPL
MEFF	Mercado Espanol de Futuros Financiarios	Equity	FINGC	ING Groep (C)	Fut	Electronic	0.2	EUR	FRPL				0.2	0.15	EUR	FRPL
MEFF	Mercado Espanol de Futuros Financiarios	Equity	FITXC	Inditex (C)	Fut	Electronic	0.2	EUR	FRPL				0.2	0.15	EUR	FRPL
MEFF	Mercado Espanol de Futuros Financiarios	Equity	FITXC100B	Inditex Adj (C)	Fut	Electronic	0.2	EUR	FRPL				0.2	0.15	EUR	FRPL
MEFF	Mercado Espanol de Futuros Financiarios	Equity	FITXD	Inditex Dividend	Fut	Electronic	1	EUR	FRPL				1	0.15	EUR	FRPL
MEFF	Mercado Espanol de Futuros Financiarios	Equity	FITXP	Inditex	Fut	Electronic	0.2	EUR	FRPL				0.2	0.15	EUR	FRPL
MEFF	Mercado Espanol de Futuros Financiarios	Equity	FITXP100B	Inditex Adj	Fut	Electronic	0.2	EUR	FRPL				0.2	0.15	EUR	FRPL
MEFF	Mercado Espanol de Futuros Financiarios	Equity	FLVMC	LVMH (C)	Fut	Electronic	0.2	EUR	FRPL				0.2	0.15	EUR	FRPL
MEFF	Mercado Espanol de Futuros Financiarios	Equity	FMAPC	Corp Mapfre (C)	Fut	Electronic	0.2	EUR	FRPL				0.2	0.15	EUR	FRPL
MEFF	Mercado Espanol de Futuros Financiarios	Equity	FMAPP	Corp Mapfre	Fut	Electronic	0.2	EUR	FRPL				0.2	0.15	EUR	FRPL
MEFF	Mercado Espanol de Futuros Financiarios	Equity	FMTSC	Arcelor Mittal (C)	Fut	Electronic	0.2	EUR	FRPL				0.2	0.15	EUR	FRPL
MEFF	Mercado Espanol de Futuros Financiarios	Equity	FMTSP	Arcelor Mittal	Fut	Electronic	0.2	EUR	FRPL				0.2	0.15	EUR	FRPL
MEFF	Mercado Espanol de Futuros Financiarios	Equity	FMUVC	Muenchener Rueckever (C)	Fut	Electronic	0.2	EUR	FRPL				0.2	0.15	EUR	FRPL
MEFF	Mercado Espanol de Futuros Financiarios	Equity	FNHHC	NH Hoteles (C)	Fut	Electronic	0.2	EUR	FRPL				0.2	0.15	EUR	FRPL
MEFF	Mercado Espanol de Futuros Financiarios	Equity	FNHHP	NH Hoteles	Fut	Electronic	0.2	EUR	FRPL				0.2	0.15	EUR	FRPL
MEFF	Mercado Espanol de Futuros Financiarios	Equity	FNOKC	Nokia Oyj (C)	Fut	Electronic	0.2	EUR	FRPL				0.2	0.15	EUR	FRPL
MEFF	Mercado Espanol de Futuros Financiarios	Equity	FOHLC	Obrascon Huarte Lain (C)	Fut	Electronic	0.2	EUR	FRPL				0.2	0.15	EUR	FRPL
MEFF	Mercado Espanol de Futuros Financiarios	Equity	FOHLP	Obrascon Huarte Lain	Fut	Electronic	0.2	EUR	FRPL				0.2	0.15	EUR	FRPL
MEFF	Mercado Espanol de Futuros Financiarios	Equity	FOREC	L'Oreal (C)	Fut	Electronic	0.2	EUR	FRPL				0.2	0.15	EUR	FRPL

Exch Code	Exch Desc	Comm Group	Prod Code	Product Desc	F/O	Platform	Trd Fee	Trd Fee Cur	Trd Fee Meth	Clr Fee	Clr Fee Cur	Clr Fee Meth	Fee Total	Brk Fee	Brk Fee Cur	Brk Fee Meth
MEFF	Mercado Espanol de Futuros Financiarios	Equity	FPHGC	Philips (C)	Fut	Electronic	0.2	EUR	FRPL				0.2	0.15	EUR	FRPL
MEFF	Mercado Espanol de Futuros Financiarios	Equity	FPOPC	Banco Popular (C)	Fut	Electronic	0.2	EUR	FRPL				0.2	0.15	EUR	FRPL
MEFF	Mercado Espanol de Futuros Financiarios	Equity	FPOPC184	Banco Popular Adj (C)	Fut	Electronic	0.2	EUR	FRPL				0.2	0.15	EUR	FRPL
MEFF	Mercado Espanol de Futuros Financiarios	Equity	FPOPP	Banco Popular	Fut	Electronic	0.2	EUR	FRPL				0.2	0.15	EUR	FRPL
MEFF	Mercado Espanol de Futuros Financiarios	Equity	FPOPP184	Banco Popular Adj	Fut	Electronic	0.2	EUR	FRPL				0.2	0.15	EUR	FRPL
MEFF	Mercado Espanol de Futuros Financiarios	Equity	FREEC	REE (C)	Fut	Electronic	0.2	EUR	FRPL				0.2	0.15	EUR	FRPL
MEFF	Mercado Espanol de Futuros Financiarios	Equity	FREEP	REE	Fut	Electronic	0.2	EUR	FRPL				0.2	0.15	EUR	FRPL
MEFF	Mercado Espanol de Futuros Financiarios	Equity	FRENC	Renault (C)	Fut	Electronic	0.2	EUR	FRPL				0.2	0.15	EUR	FRPL
MEFF	Mercado Espanol de Futuros Financiarios	Equity	FREPC	Repsol (C)	Fut	Electronic	0.2	EUR	FRPL				0.2	0.15	EUR	FRPL
MEFF	Mercado Espanol de Futuros Financiarios	Equity	FREPD	Repsol Dividend	Fut	Electronic	1	EUR	FRPL				1	0.15	EUR	FRPL
MEFF	Mercado Espanol de Futuros Financiarios	Equity	FREPP	Repsol	Fut	Electronic	0.2	EUR	FRPL				0.2	0.15	EUR	FRPL
MEFF	Mercado Espanol de Futuros Financiarios	Equity	FRWEC	RWE (C)	Fut	Electronic	0.2	EUR	FRPL				0.2	0.15	EUR	FRPL
MEFF	Mercado Espanol de Futuros Financiarios	Equity	FSABC	Banco Sabadell (C)	Fut	Electronic	0.2	EUR	FRPL				0.2	0.15	EUR	FRPL
MEFF	Mercado Espanol de Futuros Financiarios	Equity	FSABC116	Banco Sabadell Adj (C)	Fut	Electronic	0.2	EUR	FRPL				0.2	0.15	EUR	FRPL
MEFF	Mercado Espanol de Futuros Financiarios	Equity	FSABP	Banco Sabadell	Fut	Electronic	0.2	EUR	FRPL				0.2	0.15	EUR	FRPL
MEFF	Mercado Espanol de Futuros Financiarios	Equity	FSABP116	Banco Sabadell Adj	Fut	Electronic	0.2	EUR	FRPL				0.2	0.15	EUR	FRPL
MEFF	Mercado Espanol de Futuros Financiarios	Equity	FSANC	Banco Santander SA (C)	Fut	Electronic	0.2	EUR	FRPL				0.2	0.15	EUR	FRPL
MEFF	Mercado Espanol de Futuros Financiarios	Equity	FSAND	Banco Santander SA Dividend	Fut	Electronic	1	EUR	FRPL				1	0.15	EUR	FRPL
MEFF	Mercado Espanol de Futuros Financiarios	Equity	FSANP	Banco Santander SA	Fut	Electronic	0.2	EUR	FRPL				0.2	0.15	EUR	FRPL
MEFF	Mercado Espanol de Futuros Financiarios	Equity	FSAPC	SAP (C)	Fut	Electronic	0.2	EUR	FRPL				0.2	0.15	EUR	FRPL
MEFF	Mercado Espanol de Futuros Financiarios	Equity	FSASC	Sanofi-Aventis (C)	Fut	Electronic	0.2	EUR	FRPL				0.2	0.15	EUR	FRPL
MEFF	Mercado Espanol de Futuros Financiarios	Equity	FSGOC	Saint Gobain (C)	Fut	Electronic	0.2	EUR	FRPL				0.2	0.15	EUR	FRPL
MEFF	Mercado Espanol de Futuros Financiarios	Equity	FSIEC	Siemens AG (C)	Fut	Electronic	0.2	EUR	FRPL				0.2	0.15	EUR	FRPL
MEFF	Mercado Espanol de Futuros Financiarios	Equity	FSOGC	Societe Generale (C)	Fut	Electronic	0.2	EUR	FRPL				0.2	0.15	EUR	FRPL
MEFF	Mercado Espanol de Futuros Financiarios	Equity	FSPIC	Intesa Sanpaolo (C)	Fut	Electronic	0.2	EUR	FRPL				0.2	0.15	EUR	FRPL
MEFF	Mercado Espanol de Futuros Financiarios	Equity	FSVOC	Sacyr Vallehermoso (C)	Fut	Electronic	0.2	EUR	FRPL				0.2	0.15	EUR	FRPL
MEFF	Mercado Espanol de Futuros Financiarios	Equity	FSVOC105	Sacyr Vallehermoso Adj (C)	Fut	Electronic	0.2	EUR	FRPL				0.2	0.15	EUR	FRPL
MEFF	Mercado Espanol de Futuros Financiarios	Equity	FSVOP	Sacyr Vallehermoso	Fut	Electronic	0.2	EUR	FRPL				0.2	0.15	EUR	FRPL
MEFF	Mercado Espanol de Futuros Financiarios	Equity	FSVOP105	Sacyr Vallehermoso Adj	Fut	Electronic	0.2	EUR	FRPL				0.2	0.15	EUR	FRPL
MEFF	Mercado Espanol de Futuros Financiarios	Equity	FTEFC	Telefonica (C)	Fut	Electronic	0.2	EUR	FRPL				0.2	0.15	EUR	FRPL
MEFF	Mercado Espanol de Futuros Financiarios	Equity	FTEFD	Telefonica Dividend	Fut	Electronic	1	EUR	FRPL				1	0.15	EUR	FRPL
MEFF	Mercado Espanol de Futuros Financiarios	Equity	FTEFP	Telefonica	Fut	Electronic	0.2	EUR	FRPL				0.2	0.15	EUR	FRPL
MEFF	Mercado Espanol de Futuros Financiarios	Equity	FTL5C	Gestevision Telecinco (C)	Fut	Electronic	0.2	EUR	FRPL				0.2	0.15	EUR	FRPL
MEFF	Mercado Espanol de Futuros Financiarios	Equity	FTL5P	Gestevision Telecinco	Fut	Electronic	0.2	EUR	FRPL				0.2	0.15	EUR	FRPL
MEFF	Mercado Espanol de Futuros Financiarios	Equity	FTLIC	Telecom Italia (C)	Fut	Electronic	0.2	EUR	FRPL				0.2	0.15	EUR	FRPL
MEFF	Mercado Espanol de Futuros Financiarios	Equity	FTOTC	Total (C)	Fut	Electronic	0.2	EUR	FRPL				0.2	0.15	EUR	FRPL
MEFF	Mercado Espanol de Futuros Financiarios	Equity	FTREC	Tecnicas Reunidas (C)	Fut	Electronic	0.2	EUR	FRPL				0.2	0.15	EUR	FRPL
MEFF	Mercado Espanol de Futuros Financiarios	Equity	FTREP	Tecnicas Reunidas	Fut	Electronic	0.2	EUR	FRPL				0.2	0.15	EUR	FRPL
MEFF	Mercado Espanol de Futuros Financiarios	Equity	FUNCC	Unilever NV (C)	Fut	Electronic	0.2	EUR	FRPL				0.2	0.15	EUR	FRPL
MEFF	Mercado Espanol de Futuros Financiarios	Equity	FVISC	Viscofan (C)	Fut	Electronic	0.2	EUR	FRPL				0.2	0.15	EUR	FRPL
MEFF	Mercado Espanol de Futuros Financiarios	Equity	FVISP	Viscofan	Fut	Electronic	0.2	EUR	FRPL				0.2	0.15	EUR	FRPL
MEFF	Mercado Espanol de Futuros Financiarios	Equity	FVIVC	Vivendi (C)	Fut	Electronic	0.2	EUR	FRPL				0.2	0.15	EUR	FRPL
MEFF	Mercado Espanol de Futuros Financiarios	Index	IBX	IBEX-35	Fut	Electronic	1.3	EUR	FRPL				1.3	0.15	EUR	FRPL
MEFF	Mercado Espanol de Futuros Financiarios	Index	IBX	IBEX-35	Opt	Electronic	0.15	EUR	FRPL				0.15	0.15	EUR	FRPL
MEFF	Mercado Espanol de Futuros Financiarios	Index	IXD	IBEX 35 DIV IMPACT	Fut	Electronic	0.8	EUR	FRPL				0.8	0.15	EUR	FRPL
MEFF	Mercado Espanol de Futuros Financiarios	Index	MIX	IBEX-35 Mini	Fut	Electronic	0.45	EUR	FRPL				0.45	0.15	EUR	FRPL
MGE	Minneapolis Grain Exchange	Index	IC	National Corn Index	Fut	Electronic	1.6	USD	FRPL	0.2	USD	FRPL	1.8	0.2	USD	FRPL
MGE	Minneapolis Grain Exchange	Index	IH	Hard Red Winter Wheat Index	Fut	Electronic	1.6	USD	FRPL	0.2	USD	FRPL	1.8	0.2	USD	FRPL
MGE	Minneapolis Grain Exchange	Index	IP	Hard Red Spring Wheat Index	Fut	Electronic	1.6	USD	FRPL	0.2	USD	FRPL	1.8	0.2	USD	FRPL
MGE	Minneapolis Grain Exchange	Index	IS	National Soybean Index	Fut	Electronic	1.6	USD	FRPL	0.2	USD	FRPL	1.8	0.2	USD	FRPL
MGE	Minneapolis Grain Exchange	Index	IW	Soft Red Winter Wheat Index	Fut	Electronic	1.6	USD	FRPL	0.2	USD	FRPL	1.8	0.2	USD	FRPL
MGE	Minneapolis Grain Exchange	Agri	MR	Apple Juice Concentrate	Fut	Electronic	1.6	USD	FRPL	0.2	USD	FRPL	1.8	0.2	USD	FRPL
MGE	Minneapolis Grain Exchange	Agri	MR	Apple Juice Concentrate	Opt	Electronic	1.6	USD	FRPL	0.2	USD	FRPL	1.8	0.2	USD	FRPL
MGE	Minneapolis Grain Exchange	Agri	MW	Hard Red Spring Wheat	Fut	Electronic	1.6	USD	FRPL	0.2	USD	FRPL	1.8	0.2	USD	FRPL
MGE	Minneapolis Grain Exchange	Agri	MW	Hard Red Spring Wheat	Opt	Electronic	1.6	USD	FRPL	0.2	USD	FRPL	1.8	0.2	USD	FRPL
MGE	Minneapolis Grain Exchange	Agri	MW	Hard Red Spring Wheat	Opt	Floor	1.6	USD	FRPL	0.2	USD	FRPL	1.8	0.2	USD	FRPL
MGE	Minneapolis Grain Exchange	Index	OIC	National Corn Index	Opt	Electronic	1.6	USD	FRPL	0.2	USD	FRPL	1.8	0.2	USD	FRPL
MGE	Minneapolis Grain Exchange	Index	OIH	Hard Red Winter Wheat Index	Opt	Electronic	1.6	USD	FRPL	0.2	USD	FRPL	1.8	0.2	USD	FRPL
MGE	Minneapolis Grain Exchange	Index	OIP	Hard Red Spring Wheat Index	Opt	Electronic	1.6	USD	FRPL	0.2	USD	FRPL	1.8	0.2	USD	FRPL

Exch Code	Exch Desc	Comm Group	Prod Code	Product Desc	F/O	Platform	Trd Fee	Trd Fee Cur	Trd Fee Meth	Clr Fee	Clr Fee Cur	Clr Fee Meth	Fee Total	Brk Fee	Brk Fee Cur	Brk Fee Meth
MGE	Minneapolis Grain Exchange	Index	OIS	National Soybean Index	Opt	Electronic	1.6	USD	FRPL	0.2	USD	FRPL	1.8	0.2	USD	FRPL
MGE	Minneapolis Grain Exchange	Index	OIW	Soft Red Winter Wheat Index	Opt	Electronic	1.6	USD	FRPL	0.2	USD	FRPL	1.8	0.2	USD	FRPL
NYBOT	ICE Futures US	Soft	CC	Cocoa	Fut	Electronic	2	USD	FRPL				2	0.2	USD	FRPL
NYBOT	ICE Futures US	Soft	CC	Cocoa	Opt	Electronic	2	USD	FRPL				2	0.2	USD	FRPL
NYBOT	ICE Futures US	Soft	CC1	Cocoa Calendar Spread Series 1	Opt	Electronic	2	USD	FRPL				2	0.2	USD	FRPL
NYBOT	ICE Futures US	Soft	CC2	Cocoa Calendar Spread Series 2	Opt	Electronic	2	USD	FRPL				2	0.2	USD	FRPL
NYBOT	ICE Futures US	Index	CI	Continuous Commodity Index	Fut	Electronic	1.35	USD	FRPL				1.35	0.2	USD	FRPL
NYBOT	ICE Futures US	Soft	CT	Cotton No.2	Fut	Electronic	2	USD	FRPL				2	0.2	USD	FRPL
NYBOT	ICE Futures US	Soft	CT	Cotton No.2	Opt	Electronic	2	USD	FRPL				2	0.2	USD	FRPL
NYBOT	ICE Futures US	Soft	CT1	Cotton 2 Calendar Spread Series 1	Opt	Electronic	2	USD	FRPL				2	0.2	USD	FRPL
NYBOT	ICE Futures US	Soft	CT2	Cotton 2 Calendar Spread Series 2	Opt	Electronic	2	USD	FRPL				2	0.2	USD	FRPL
NYBOT	ICE Futures US	Index	DX	US Dollar Index	Fut	Electronic	1.35	USD	FRPL				1.35	0.2	USD	FRPL
NYBOT	ICE Futures US	Index	DX	US Dollar Index	Opt	Electronic	1.35	USD	FRPL				1.35	0.2	USD	FRPL
NYBOT	ICE Futures US	Currency	IAU	Million FX Australian Dollar/US Dollar	Fut	Electronic	1.35	USD	FRPL				1.35	0.2	USD	FRPL
NYBOT	ICE Futures US	Agri	IBO	U.S Soybean Oil	Fut	Electronic	0.75	USD	FRPL				0.75	0.2	USD	FRPL
NYBOT	ICE Futures US	Agri	IBO	U.S Soybean Oil	Opt	Electronic	0.75	USD	FRPL				0.75	0.2	USD	FRPL
NYBOT	ICE Futures US	Agri	ICN	U.S Corn	Fut	Electronic	0.75	USD	FRPL				0.75	0.2	USD	FRPL
NYBOT	ICE Futures US	Agri	ICN	U.S Corn	Opt	Electronic	0.75	USD	FRPL				0.75	0.2	USD	FRPL
NYBOT	ICE Futures US	Currency	IEJ	Million FX Euro/Japanese Yen	Fut	Electronic	1.35	USD	FRPL				1.35	0.2	USD	FRPL
NYBOT	ICE Futures US	Currency	IEO	Million FX Euro/US Dollar	Fut	Electronic	1.35	USD	FRPL				1.35	0.2	USD	FRPL
NYBOT	ICE Futures US	Currency	IEP	Million FX Euro/Canadian Dollar	Fut	Electronic	1.35	USD	FRPL				1.35	0.2	USD	FRPL
NYBOT	ICE Futures US	Currency	IGB	Million FX Euro/British Pound	Fut	Electronic	1.35	USD	FRPL				1.35	0.2	USD	FRPL
NYBOT	ICE Futures US	Currency	IKX	Million FX US Dollar/Swedish Krona	Fut	Electronic	1.35	USD	FRPL				1.35	0.2	USD	FRPL
NYBOT	ICE Futures US	Currency	IMF	Million FX US Dollar/Swiss Franc	Fut	Electronic	1.35	USD	FRPL				1.35	0.2	USD	FRPL
NYBOT	ICE Futures US	Currency	IMP	Million FX British Pound/US Dollar	Fut	Electronic	1.35	USD	FRPL				1.35	0.2	USD	FRPL
NYBOT	ICE Futures US	Currency	IRK	Million FX Euro/Swedish Krona	Fut	Electronic	1.35	USD	FRPL				1.35	0.2	USD	FRPL
NYBOT	ICE Futures US	Currency	IRZ	Million FX Euro/Swiss Franc	Fut	Electronic	1.35	USD	FRPL				1.35	0.2	USD	FRPL
NYBOT	ICE Futures US	Agri	IS	U.S Soybean	Fut	Electronic	0.75	USD	FRPL				0.75	0.2	USD	FRPL
NYBOT	ICE Futures US	Agri	IS	U.S Soybean	Opt	Electronic	0.75	USD	FRPL				0.75	0.2	USD	FRPL
NYBOT	ICE Futures US	Agri	ISM	U.S Soybean Meal	Fut	Electronic	0.75	USD	FRPL				0.75	0.2	USD	FRPL
NYBOT	ICE Futures US	Agri	ISM	U.S Soybean Meal	Opt	Electronic	0.75	USD	FRPL				0.75	0.2	USD	FRPL
NYBOT	ICE Futures US	Currency	ISN	Million FX US Dollar/Japanese Yen	Fut	Electronic	1.35	USD	FRPL				1.35	0.2	USD	FRPL
NYBOT	ICE Futures US	Currency	ISV	Million FX US Dollar/Canadian Dollar	Fut	Electronic	1.35	USD	FRPL				1.35	0.2	USD	FRPL
NYBOT	ICE Futures US	Agri	IW	U.S Wheat	Fut	Electronic	0.75	USD	FRPL				0.75	0.2	USD	FRPL
NYBOT	ICE Futures US	Agri	IW	U.S Wheat	Opt	Electronic	0.75	USD	FRPL				0.75	0.2	USD	FRPL
NYBOT	ICE Futures US	Soft	KC	Coffee C	Fut	Electronic	2	USD	FRPL				2	0.2	USD	FRPL
NYBOT	ICE Futures US	Soft	KC	Coffee C	Opt	Electronic	2	USD	FRPL				2	0.2	USD	FRPL
NYBOT	ICE Futures US	Soft	KC1	Coffee C Calendar Spread Series 1	Opt	Electronic	2	USD	FRPL				2	0.2	USD	FRPL
NYBOT	ICE Futures US	Soft	KC2	Coffee C Calendar Spread Series 2	Opt	Electronic	2	USD	FRPL				2	0.2	USD	FRPL
NYBOT	ICE Futures US	Soft	KO1	Coffee C Week 1	Opt	Electronic	1.05	USD	FRPL				1.05	0.2	USD	FRPL
NYBOT	ICE Futures US	Soft	KO2	Coffee C Week 2	Opt	Electronic	1.05	USD	FRPL				1.05	0.2	USD	FRPL
NYBOT	ICE Futures US	Soft	KO3	Coffee C Week 3	Opt	Electronic	1.05	USD	FRPL				1.05	0.2	USD	FRPL
NYBOT	ICE Futures US	Soft	KO4	Coffee C Week 4	Opt	Electronic	1.05	USD	FRPL				1.05	0.2	USD	FRPL
NYBOT	ICE Futures US	Soft	KO5	Coffee C Week 5	Opt	Electronic	1.05	USD	FRPL				1.05	0.2	USD	FRPL
NYBOT	ICE Futures US	Soft	OJ	FCOJ-A	Fut	Electronic	2	USD	FRPL				2	0.2	USD	FRPL
NYBOT	ICE Futures US	Soft	OJ	FCOJ-A	Opt	Electronic	2	USD	FRPL				2	0.2	USD	FRPL
NYBOT	ICE Futures US	Index	RF	Russell 1000 Index Mini	Fut	Electronic	1.14	USD	FRPL				1.14	0.2	USD	FRPL
NYBOT	ICE Futures US	Index	RF	Russell 1000 Index Mini	Opt	Electronic	1.14	USD	FRPL				1.14	0.2	USD	FRPL
NYBOT	ICE Futures US	Index	RG	Russell 1000 Growth Index Mini	Fut	Electronic	1.14	USD	FRPL				1.14	0.2	USD	FRPL
NYBOT	ICE Futures US	Index	RV	Russell 1000 Value Index Mini	Fut	Electronic	1.14	USD	FRPL				1.14	0.2	USD	FRPL
NYBOT	ICE Futures US	Soft	SB	Sugar No.11	Fut	Electronic	2	USD	FRPL				2	0.2	USD	FRPL
NYBOT	ICE Futures US	Soft	SB	Sugar No.11	Opt	Electronic	2	USD	FRPL				2	0.2	USD	FRPL
NYBOT	ICE Futures US	Soft	SB1	Sugar 11 Calendar Spread Series 1	Opt	Electronic	2	USD	FRPL				2	0.2	USD	FRPL
NYBOT	ICE Futures US	Soft	SB2	Sugar 11 Calendar Spread Series 2	Opt	Electronic	2	USD	FRPL				2	0.2	USD	FRPL
NYBOT	ICE Futures US	Soft	SBC	Cleared Sugar No.11 Swap OTC	Fut	Electronic				2.75	USD	FRPL	2.75	0.2	USD	FRPL
NYBOT	ICE Futures US	Soft	SF	Sugar No.16	Fut	Electronic	2	USD	FRPL				2	0.2	USD	FRPL
NYBOT	ICE Futures US	Soft	SO1	Sugar No.11 Week 1	Opt	Electronic	1.05	USD	FRPL				1.05	0.2	USD	FRPL
NYBOT	ICE Futures US	Soft	SO2	Sugar No.11 Week 2	Opt	Electronic	1.05	USD	FRPL				1.05	0.2	USD	FRPL
NYBOT	ICE Futures US	Soft	SO3	Sugar No.11 Week 3	Opt	Electronic	1.05	USD	FRPL				1.05	0.2	USD	FRPL

Exch Code	Exch Desc	Comm Group	Prod Code	Product Desc	F/O	Platform	Trd Fee	Trd Fee Cur	Trd Fee Meth	Clr Fee	Clr Fee Cur	Clr Fee Meth	Fee Total	Brk Fee	Brk Fee Cur	Brk Fee Meth
NYBOT	ICE Futures US	Soft	SO4	Sugar No.11 Week 4	Opt	Electronic	1.05	USD	FRPL				1.05	0.2	USD	FRPL
NYBOT	ICE Futures US	Soft	SO5	Sugar No.11 Week 5	Opt	Electronic	1.05	USD	FRPL				1.05	0.2	USD	FRPL
NYBOT	ICE Futures US	Currency	SY	Cross Currency Pairs British Pound Sterling/Japanese Yen	Fut	Electronic	0.94	USD	FRPL				0.94	0.2	USD	FRPL
NYBOT	ICE Futures US	Soft	TC1	Cotton No.2 Week 1	Opt	Electronic	1.05	USD	FRPL				1.05	0.2	USD	FRPL
NYBOT	ICE Futures US	Soft	TC2	Cotton No.2 Week 2	Opt	Electronic	1.05	USD	FRPL				1.05	0.2	USD	FRPL
NYBOT	ICE Futures US	Soft	TC3	Cotton No.2 Week 3	Opt	Electronic	1.05	USD	FRPL				1.05	0.2	USD	FRPL
NYBOT	ICE Futures US	Soft	TC4	Cotton No.2 Week 4	Opt	Electronic	1.05	USD	FRPL				1.05	0.2	USD	FRPL
NYBOT	ICE Futures US	Soft	TC5	Cotton No.2 Week 5	Opt	Electronic	1.05	USD	FRPL				1.05	0.2	USD	FRPL
NYBOT	ICE Futures US	Index	TF	Russell 2000 Index Mini	Fut	Electronic	1.14	USD	FRPL				1.14	0.2	USD	FRPL
NYBOT	ICE Futures US	Index	TF	Russell 2000 Index Mini	Opt	Electronic	1.14	USD	FRPL				1.14	0.2	USD	FRPL
NYLIFFE	NYSE Liffe	Int Rate	ED	Eurodollar	Fut	Electronic	0.39	USD	FRPL	0.06	USD	FRPL	0.45	0.2	USD	FRPL
NYLIFFE	NYSE Liffe	Int Rate	FV	5 year US Treasury Notes	Fut	Electronic	0.39	USD	FRPL	0.06	USD	FRPL	0.45	0.2	USD	FRPL
NYLIFFE	NYSE Liffe	Index	MCE	mini MSCI Europe Index	Fut	Electronic	0.85	USD	FRPL	0.06	USD	FRPL	0.91	0.15	EUR	FRPL
NYLIFFE	NYSE Liffe	Index	MCL	Mini MSCI Canada Index	Fut	Electronic	0.85	USD	FRPL	0.06	USD	FRPL	0.91	0.2	USD	FRPL
NYLIFFE	NYSE Liffe	Index	MCU	mini MSCI USA Value Index	Fut	Electronic	0.85	USD	FRPL	0.06	USD	FRPL	0.91	0.2	USD	FRPL
NYLIFFE	NYSE Liffe	Index	MEU	mini MSCI Euro Index	Fut	Electronic	0.85	USD	FRPL	0.06	USD	FRPL	0.91	0.15	EUR	FRPL
NYLIFFE	NYSE Liffe	Index	MFS	mini MSCI EAFE Index	Fut	Electronic	0.85	USD	FRPL	0.06	USD	FRPL	0.91	0.2	USD	FRPL
NYLIFFE	NYSE Liffe	Index	MFU	mini MSCI EAFE NTR Index	Fut	Electronic	0.85	USD	FRPL	0.06	USD	FRPL	0.91	0.2	USD	FRPL
NYLIFFE	NYSE Liffe	Index	MGE	mini MSCI Europe Growth Index	Fut	Electronic	0.85	USD	FRPL	0.06	USD	FRPL	0.91	0.15	EUR	FRPL
NYLIFFE	NYSE Liffe	Index	MLE	Mini MSCI Emerging Markets Latin America Index	Fut	Electronic	0.85	USD	FRPL	0.06	USD	FRPL	0.91	0.2	USD	FRPL
NYLIFFE	NYSE Liffe	Index	MME	mini MSCI Emerging Markets Index	Fut	Electronic	0.85	USD	FRPL	0.06	USD	FRPL	0.91	0.2	USD	FRPL
NYLIFFE	NYSE Liffe	Index	MMN	mini MSCI Emerging Markets NTR Index	Fut	Electronic	0.85	USD	FRPL	0.06	USD	FRPL	0.91	0.2	USD	FRPL
NYLIFFE	NYSE Liffe	Index	MPP	mini MSCI Pan-Euro Index	Fut	Electronic	0.85	USD	FRPL	0.06	USD	FRPL	0.91	0.15	EUR	FRPL
NYLIFFE	NYSE Liffe	Index	MPU	mini MSCI Europe Value Index	Fut	Electronic	0.85	USD	FRPL	0.06	USD	FRPL	0.91	0.15	EUR	FRPL
NYLIFFE	NYSE Liffe	Index	MRG	mini MSCI USA Growth Index	Fut	Electronic	0.85	USD	FRPL	0.06	USD	FRPL	0.91	0.2	USD	FRPL
NYLIFFE	NYSE Liffe	Index	MUN	mini MSCI USA Index	Fut	Electronic	0.85	USD	FRPL	0.06	USD	FRPL	0.91	0.2	USD	FRPL
NYLIFFE	NYSE Liffe	Index	MWL	Mini MSCI World Index	Fut	Electronic	0.85	USD	FRPL	0.06	USD	FRPL	0.91	0.2	USD	FRPL
NYLIFFE	NYSE Liffe	Int Rate	RPA	Agency DTCC GCF Repo Index	Fut	Electronic	0.85	USD	FRPL	0.06	USD	FRPL	0.91	0.2	USD	FRPL
NYLIFFE	NYSE Liffe	Int Rate	RPM	Mortgage Backed Securities DTCC GCF Repo Index	Fut	Electronic	0.85	USD	FRPL	0.06	USD	FRPL	0.91	0.2	USD	FRPL
NYLIFFE	NYSE Liffe	Int Rate	RPT	US Treasury DTCC GCF Repo Index	Fut	Electronic	0.85	USD	FRPL	0.06	USD	FRPL	0.91	0.2	USD	FRPL
NYLIFFE	NYSE Liffe	Int Rate	TU	2 year US Treasury Notes	Fut	Electronic	0.39	USD	FRPL	0.06	USD	FRPL	0.45	0.2	USD	FRPL
NYLIFFE	NYSE Liffe	Int Rate	TY	10 year US Treasury Notes	Fut	Electronic	0.39	USD	FRPL	0.06	USD	FRPL	0.45	0.2	USD	FRPL
NYLIFFE	NYSE Liffe	Int Rate	UB	Ultra US Treasury Bonds	Fut	Electronic	0.39	USD	FRPL	0.06	USD	FRPL	0.45	0.2	USD	FRPL
NYLIFFE	NYSE Liffe	Int Rate	US	30 year US Treasury Bonds	Fut	Electronic	0.39	USD	FRPL	0.06	USD	FRPL	0.45	0.2	USD	FRPL
NYLIFFE	NYSE Liffe	Metal	YG	Mini Gold	Fut	Electronic	0.75	USD	FRPL	0.06	USD	FRPL	0.81	0.2	USD	FRPL
NYLIFFE	NYSE Liffe	Metal	YG	Mini Gold	Opt	Electronic	0.75	USD	FRPL				0.75	0.2	USD	FRPL
NYLIFFE	NYSE Liffe	Metal	YI	Mini Silver	Fut	Electronic	0.75	USD	FRPL	0.06	USD	FRPL	0.81	0.2	USD	FRPL
NYLIFFE	NYSE Liffe	Metal	YI	Mini Silver	Opt	Electronic	0.75	USD	FRPL				0.75	0.2	USD	FRPL
NYLIFFE	NYSE Liffe	Metal	ZG	100 oz Gold	Fut	Electronic	1	USD	FRPL	0.06	USD	FRPL	1.06	0.2	USD	FRPL
NYLIFFE	NYSE Liffe	Metal	ZG	100 oz Gold	Opt	Electronic	1	USD	FRPL	0.06	USD	FRPL	1.06	0.2	USD	FRPL
NYLIFFE	NYSE Liffe	Metal	ZI	5,000 oz Silver	Fut	Electronic	1	USD	FRPL	0.06	USD	FRPL	1.06	0.2	USD	FRPL
NYLIFFE	NYSE Liffe	Metal	ZI	5,000 oz Silver	Opt	Electronic	1	USD	FRPL	0.06	USD	FRPL	1.06	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	0A	Mini European 1% Fuel Oil Barges FOB Rdam (Platts) BALMO Futures	Fut	Electronic				1.25	USD	FRPL	1.25	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	0A	Mini European 1% Fuel Oil Barges FOB Rdam (Platts) BALMO Futures	Fut	Floor				1.25	USD	FRPL	1.25	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	0B	Mini European 1% Fuel Oil Cargoes FOB NWE (Platts) Futures	Fut	Electronic				1.25	USD	FRPL	1.25	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	0B	Mini European 1% Fuel Oil Cargoes FOB NWE (Platts) Futures	Fut	Floor				1.25	USD	FRPL	1.25	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	0C	Mini European 1% Fuel Oil Cargoes FOB NWE (Platts) BALMO Futures	Fut	Electronic				1.25	USD	FRPL	1.25	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	0C	Mini European 1% Fuel Oil Cargoes FOB NWE (Platts) BALMO Futures	Fut	Floor				1.25	USD	FRPL	1.25	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	0D	Mini European 3.5% Fuel Oil Barges FOB Rdam (Platts) Futures	Fut	Electronic				1.25	USD	FRPL	1.25	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	0D	Mini European 3.5% Fuel Oil Barges FOB Rdam (Platts) Futures	Fut	Floor				1.25	USD	FRPL	1.25	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	0E	Mini European 3.5% Fuel Oil Barges FOB Rdam (Platts) BALMO Futures	Fut	Electronic				1.25	USD	FRPL	1.25	0.2	USD	FRPL

Exch Code	Exch Desc	Comm Group	Prod Code	Product Desc	F/O	Platform	Trd Fee	Trd Fee Cur	Trd Fee Meth	Clr Fee	Clr Fee Cur	Clr Fee Meth	Fee Total	Brk Fee	Brk Fee Cur	Brk Fee Meth
NYMEX	New York Mercantile Exchange	Energy	0E	Mini European 3.5% Fuel Oil Barges FOB Rdam (Platts) BALMO Futures	Fut	Floor				1.25	USD	FRPL	1.25	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	0F	Mini Singapore Fuel Oil 180 cst (Platts) Futures	Fut	Electronic				1.25	USD	FRPL	1.25	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	0F	Mini Singapore Fuel Oil 180 cst (Platts) Futures	Fut	Floor				1.25	USD	FRPL	1.25	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	1A	Argus Biodiesel RME FOB Rdam Futures	Fut	Electronic				1.35	USD	FRPL	1.35	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	1A	Argus Biodiesel RME FOB Rdam Futures	Fut	Floor				1.35	USD	FRPL	1.35	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	1C	Brent CFD (Platts) vs. Brent Front Month (Platts) Futures	Fut	Electronic				1.25	USD	FRPL	1.25	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	1C	Brent CFD (Platts) vs. Brent Front Month (Platts) Futures	Fut	Floor				2.7	USD	FRPL	2.7	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	1D	RBOB Gasoline BALMO Futures	Fut	Electronic				2.7	USD	FRPL	2.7	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	1D	RBOB Gasoline BALMO Futures	Fut	Floor				2.7	USD	FRPL	2.7	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	1E	RBOB Gasoline Crack Spread BALMO Futures	Fut	Electronic				2.7	USD	FRPL	2.7	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	1E	RBOB Gasoline Crack Spread BALMO Futures	Fut	Floor				2.7	USD	FRPL	2.7	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	1G	Heating Oil BALMO Futures	Fut	Electronic				2.7	USD	FRPL	2.7	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	1G	Heating Oil BALMO Futures	Fut	Floor				2.7	USD	FRPL	2.7	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	1H	Heating Oil Crack Spread BALMO Futures	Fut	Electronic				2.7	USD	FRPL	2.7	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	1H	Heating Oil Crack Spread BALMO Futures	Fut	Floor				2.7	USD	FRPL	2.7	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	1J	Gulf Coast Unl 87 (Platts) Crack Spread BALMO Futures	Fut	Electronic				2.7	USD	FRPL	2.7	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	1J	Gulf Coast Unl 87 (Platts) Crack Spread BALMO Futures	Fut	Floor				2.7	USD	FRPL	2.7	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	1K	Gulf Coast Unl 87 (Platts) Up-Down BALMO Futures	Fut	Electronic				2.7	USD	FRPL	2.7	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	1K	Gulf Coast Unl 87 (Platts) Up-Down BALMO Futures	Fut	Floor				2.7	USD	FRPL	2.7	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	1L	Gulf Coast ULSD (Platts) Up-Down BALMO Futures	Fut	Electronic				2.7	USD	FRPL	2.7	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	1L	Gulf Coast ULSD (Platts) Up-Down BALMO Futures	Fut	Floor				2.7	USD	FRPL	2.7	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	1M	Gulf Coast Jet (Platts) Up-Down BALMO Futures	Fut	Electronic				2.7	USD	FRPL	2.7	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	1M	Gulf Coast Jet (Platts) Up-Down BALMO Futures	Fut	Floor				2.7	USD	FRPL	2.7	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	1N	Singapore Mogas 92 Unleaded (Platts) Futures	Fut	Electronic				1.25	USD	FRPL	1.25	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	1N	Singapore Mogas 92 Unleaded (Platts) Futures	Fut	Floor				1.35	USD	FRPL	1.35	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	1N5	Singapore Mogas 92 Unleaded (Platts) Average Price Options	Opt	Electronic				1.25	USD	FRPL	1.25	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	1N5	Singapore Mogas 92 Unleaded (Platts) Average Price Options	Opt	Floor				1.25	USD	FRPL	1.25	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	1NB	Singapore Mogas 92 Unleaded (Platts) Brent Crack Spread Futures	Fut	Electronic				1.25	USD	FRPL	1.25	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	1NB	Singapore Mogas 92 Unleaded (Platts) Brent Crack Spread Futures	Fut	Floor				1.25	USD	FRPL	1.25	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	1ND	Singapore Mogas 92 Unleaded (Platts) Dubai (Platts) Crack Spread Futures	Fut	Electronic				1.25	USD	FRPL	1.25	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	1ND	Singapore Mogas 92 Unleaded (Platts) Dubai (Platts) Crack Spread Futures	Fut	Floor				1.25	USD	FRPL	1.25	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	1P	Singapore Mogas 92 Unleaded (Platts) BALMO Futures	Fut	Electronic				1.35	USD	FRPL	1.35	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	1P	Singapore Mogas 92 Unleaded (Platts) BALMO Futures	Fut	Floor				1.35	USD	FRPL	1.35	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	1Q	NY Jet Fuel (Platts) Futures	Fut	Electronic				1.35	USD	FRPL	1.35	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	1Q	NY Jet Fuel (Platts) Futures	Fut	Floor				1.35	USD	FRPL	1.35	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	1R	Propane Non-LDH Mont Belvieu (OPIS) Futures	Fut	Electronic				1.35	USD	FRPL	1.35	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	1R	Propane Non-LDH Mont Belvieu (OPIS) Futures	Fut	Floor				1.35	USD	FRPL	1.35	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	1S	Propane Non-LDH Mont Belvieu (OPIS) BALMO Futures	Fut	Electronic				2.7	USD	FRPL	2.7	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	1S	Propane Non-LDH Mont Belvieu (OPIS) BALMO Futures	Fut	Floor				2.7	USD	FRPL	2.7	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	1T	Jet Aviation Fuel Cargoes FOB MED (Platts) Futures	Fut	Electronic				9	USD	FRPL	9	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	1T	Jet Aviation Fuel Cargoes FOB MED (Platts) Futures	Fut	Floor				9	USD	FRPL	9	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	1U	NY Jet Fuel (Platts) vs. NY Harbor ULSD Heating Oil Futures	Fut	Electronic				1.35	USD	FRPL	1.35	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	1U	NY Jet Fuel (Platts) vs. NY Harbor ULSD Heating Oil Futures	Fut	Floor				1.35	USD	FRPL	1.35	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	1V	Jet Aviation Fuel Cargoes FOB MED (Platts) vs. Gasoil Futures	Fut	Electronic				9	USD	FRPL	9	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	1V	Jet Aviation Fuel Cargoes FOB MED (Platts) vs. Gasoil Futures	Fut	Floor				9	USD	FRPL	9	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	1W	1% Fuel Oil Cargoes CIF MED (Platts) Futures	Fut	Electronic				9	USD	FRPL	9	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	1W	1% Fuel Oil Cargoes CIF MED (Platts) Futures	Fut	Floor				9	USD	FRPL	9	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	1X	1% Fuel Oil Cargoes CIF NWE (Platts) Futures	Fut	Electronic				9	USD	FRPL	9	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	1X	1% Fuel Oil Cargoes CIF NWE (Platts) Futures	Fut	Floor				9	USD	FRPL	9	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	1Y	CAISO NP15 EZ Gen Hub 5 MW Peak Calendar-Month Real-Time LMP Futures	Fut	Electronic				0.2	USD	FRPL	0.2	0.2	USD	FRPL

Exch Code	Exch Desc	Comm Group	Prod Code	Product Desc	F/O	Platform	Trd Fee	Trd Fee Cur	Trd Fee Meth	Clr Fee	Clr Fee Cur	Clr Fee Meth	Fee Total	Brk Fee	Brk Fee Cur	Brk Fee Meth
NYMEX	New York Mercantile Exchange	Energy	1Y	CAISO NP15 EZ Gen Hub 5 MW Peak Calendar-Month Real-Time LMP Futures	Fut	Floor				0.2	USD	FRPL	0.2	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	1Z	CAISO SP15 EZ Gen Hub 5 MW Peak Calendar-Month Real-Time LMP Futures	Fut	Electronic				0.2	USD	FRPL	0.2	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	1Z	CAISO SP15 EZ Gen Hub 5 MW Peak Calendar-Month Real-Time LMP Futures	Fut	Floor				0.2	USD	FRPL	0.2	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	22	Argus Propane Far East Index BALMO Futures	Fut	Electronic				9	USD	FRPL	9	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	22	Argus Propane Far East Index BALMO Futures	Fut	Floor				20	USD	FRPL	20	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	23	Heating Oil Last Day Financial	Fut	Electronic				1.35	USD	FRPL	1.35	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	23	Heating Oil Last Day Financial	Fut	Floor				1.35	USD	FRPL	1.35	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	24	SME Biodiesel FOB Rdam (Argus) Futures	Fut	Electronic				1.35	USD	FRPL	1.35	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	24	SME Biodiesel FOB Rdam (Argus) Futures	Fut	Floor				1.35	USD	FRPL	1.35	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	25	PME Biodiesel FOB Rdam (Argus) Futures	Fut	Electronic				1.35	USD	FRPL	1.35	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	25	PME Biodiesel FOB Rdam (Argus) Futures	Fut	Floor				1.35	USD	FRPL	1.35	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	26	Crude Oil Last Day Financial	Fut	Electronic				1.35	USD	FRPL	1.35	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	26	Crude Oil Last Day Financial	Fut	Floor				1.35	USD	FRPL	1.35	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	27	RBOB Last Day Financial	Fut	Electronic				1.35	USD	FRPL	1.35	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	27	RBOB Last Day Financial	Fut	Floor				1.35	USD	FRPL	1.35	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	29	Argus Sour Crude Index ("ASCI") Trade Month Futures	Fut	Electronic				1.35	USD	FRPL	1.35	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	29	Argus Sour Crude Index ("ASCI") Trade Month Futures	Fut	Floor				1.35	USD	FRPL	1.35	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	2C	Chicago Unleaded Gasoline (Platts) Futures	Fut	Electronic				1.35	USD	FRPL	1.35	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	2C	Chicago Unleaded Gasoline (Platts) Futures	Fut	Floor				1.35	USD	FRPL	1.35	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	2D	CAISO NP15 EZ Gen Hub 5 MW Off-Peak Calendar-Month Real-Time LMP Futures	Fut	Electronic				0.02	USD	FRPL	0.02	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	2D	CAISO NP15 EZ Gen Hub 5 MW Off-Peak Calendar-Month Real-Time LMP Futures	Fut	Floor				0.02	USD	FRPL	0.02	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	2E	CAISO SP15 EZ Gen Hub 5 MW Off-Peak Calendar-Month Real-Time LMP Futures	Fut	Electronic				0.02	USD	FRPL	0.02	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	2E	CAISO SP15 EZ Gen Hub 5 MW Off-Peak Calendar-Month Real-Time LMP Futures	Fut	Floor				0.02	USD	FRPL	0.02	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	2F	CAISO NP15 EZ Gen Hub 5 MW Peak Calendar-Day Real-Time LMP Futures	Fut	Electronic				0.2	USD	FRPL	0.2	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	2F	CAISO NP15 EZ Gen Hub 5 MW Peak Calendar-Day Real-Time LMP Futures	Fut	Floor				0.2	USD	FRPL	0.2	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	2G	Premium Unleaded Gasoline 10 ppm CIF MED (Platts) Futures	Fut	Electronic				9	USD	FRPL	9	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	2G	Premium Unleaded Gasoline 10 ppm CIF MED (Platts) Futures	Fut	Floor				9	USD	FRPL	9	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	2H	CAISO SP15 EZ Gen Hub 5 MW Peak Calendar-Day Real-Time LMP Futures	Fut	Electronic				0.2	USD	FRPL	0.2	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	2H	CAISO SP15 EZ Gen Hub 5 MW Peak Calendar-Day Real-Time LMP Futures	Fut	Floor				0.2	USD	FRPL	0.2	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	2J	CAISO NP15 EZ Gen Hub 5 MW Off-Peak Calendar-Day Real-Time LMP Futures	Fut	Electronic				0.02	USD	FRPL	0.02	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	2J	CAISO NP15 EZ Gen Hub 5 MW Off-Peak Calendar-Day Real-Time LMP Futures	Fut	Floor				0.02	USD	FRPL	0.02	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	2K	CAISO SP15 EZ Gen Hub 5 MW Off-Peak Calendar-Day Real-Time LMP Futures	Fut	Electronic				0.02	USD	FRPL	0.02	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	2K	CAISO SP15 EZ Gen Hub 5 MW Off-Peak Calendar-Day Real-Time LMP Futures	Fut	Floor				0.02	USD	FRPL	0.02	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	2L	FAME 0 Biodiesel FOB Rdam (Argus) Futures	Fut	Electronic				1.35	USD	FRPL	1.35	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	2L	FAME 0 Biodiesel FOB Rdam (Argus) Futures	Fut	Floor				1.35	USD	FRPL	1.35	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	2M	Ethanol T1 FOB Rdam Excluding Duty (Platts) Futures	Fut	Electronic				1.35	USD	FRPL	1.35	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	2M	Ethanol T1 FOB Rdam Excluding Duty (Platts) Futures	Fut	Floor				1.35	USD	FRPL	1.35	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	2N	ERCOT Houston 345 kV Hub 50 MW Peak Futures	Fut	Electronic				2	USD	FRPL	2	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	2N	ERCOT Houston 345 kV Hub 50 MW Peak Futures	Fut	Floor				2	USD	FRPL	2	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	2P	ERCOT North 345 kV Hub 50 MW Peak Futures	Fut	Electronic				2	USD	FRPL	2	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	2P	ERCOT North 345 kV Hub 50 MW Peak Futures	Fut	Floor				2	USD	FRPL	2	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	2Q	ERCOT South 345 kV Hub 50 MW Peak Futures	Fut	Electronic				2	USD	FRPL	2	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	2Q	ERCOT South 345 kV Hub 50 MW Peak Futures	Fut	Floor				2	USD	FRPL	2	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	2R	ERCOT West 345 kV Hub 50 MW Peak Futures	Fut	Electronic				2	USD	FRPL	2	0.2	USD	FRPL

Exch Code	Exch Desc	Comm Group	Prod Code	Product Desc	F/O	Platform	Trd Fee	Trd Fee Cur	Trd Fee Meth	Clr Fee	Clr Fee Cur	Clr Fee Meth	Fee Total	Brk Fee	Brk Fee Cur	Brk Fee Meth
NYMEX	New York Mercantile Exchange	Energy	2R	ERCOT West 345 kV Hub 50 MW Peak Futures	Fut	Floor				2	USD	FRPL	2	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	2W	ERCOT Houston 345 kV Hub 50 MW Off-Peak Futures	Fut	Electronic				0.15	USD	FRPL	0.15	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	2W	ERCOT Houston 345 kV Hub 50 MW Off-Peak Futures	Fut	Floor				0.15	USD	FRPL	0.15	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	2X	ERCOT North 345 kV Hub 50 MW Off-Peak Futures	Fut	Electronic				0.15	USD	FRPL	0.15	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	2X	ERCOT North 345 kV Hub 50 MW Off-Peak Futures	Fut	Floor				0.15	USD	FRPL	0.15	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	2Y	ERCOT South 345 kV Hub 50 MW Off-Peak Futures	Fut	Electronic				0.15	USD	FRPL	0.15	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	2Y	ERCOT South 345 kV Hub 50 MW Off-Peak Futures	Fut	Floor				0.15	USD	FRPL	0.15	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	2Z	CAISO NP15 EZ Gen Hub 5 MW Off-Peak Calendar-Day Day-Ahead LMP Futures	Fut	Electronic				0.02	USD	FRPL	0.02	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	2Z	CAISO NP15 EZ Gen Hub 5 MW Off-Peak Calendar-Day Day-Ahead LMP Futures	Fut	Floor				0.02	USD	FRPL	0.02	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	30	European Jet Kerosene Cargoes CIF NWE (Platts) Average Price Option	Opt	Electronic				9	USD	FRPL	9	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	30	European Jet Kerosene Cargoes CIF NWE (Platts) Average Price Option	Opt	Floor				9	USD	FRPL	9	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	31	Mont Belvieu LDH Propane (OPIS) vs. Argus Propane Far East Index Futures	Fut	Electronic				9	USD	FRPL	9	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	31	Mont Belvieu LDH Propane (OPIS) vs. Argus Propane Far East Index Futures	Fut	Floor				18	USD	FRPL	18	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	32	European Propane CIF ARA (Argus) BALMO Futures	Fut	Electronic				20	USD	FRPL	20	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	32	European Propane CIF ARA (Argus) BALMO Futures	Fut	Floor				20	USD	FRPL	20	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	33	1% Fuel Oil Rdam (Platts) vs. 1% Fuel Oil NWE (Platts) Futures	Fut	Electronic				9	USD	FRPL	9	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	33	1% Fuel Oil Rdam (Platts) vs. 1% Fuel Oil NWE (Platts) Futures	Fut	Floor				9	USD	FRPL	9	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	36	Argus Sour Crude Index ("ASCI") vs. WTI Diff Spread Trade Month Futures	Fut	Electronic				2.7	USD	FRPL	2.7	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	36	Argus Sour Crude Index ("ASCI") vs. WTI Diff Spread Trade Month Futures	Fut	Floor				2.7	USD	FRPL	2.7	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	37	Argus Sour Crude Index ("ASCI") Calendar Month Futures	Fut	Electronic				1.35	USD	FRPL	1.35	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	37	Argus Sour Crude Index ("ASCI") Calendar Month Futures	Fut	Floor				1.35	USD	FRPL	1.35	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	38	Argus Sour Crude Index ("ASCI") vs. WTI Diff Spread Calendar Month Futures	Fut	Electronic				2.7	USD	FRPL	2.7	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	38	Argus Sour Crude Index ("ASCI") vs. WTI Diff Spread Calendar Month Futures	Fut	Floor				2.7	USD	FRPL	2.7	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	39	Argus WTI Formula Basis Calendar Month Futures	Fut	Electronic				1.35	USD	FRPL	1.35	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	39	Argus WTI Formula Basis Calendar Month Futures	Fut	Floor				1.35	USD	FRPL	1.35	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	3C	Chicago Unleaded Gasoline (Platts) vs. RBOB Gasoline Futures	Fut	Electronic				2.7	USD	FRPL	2.7	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	3C	Chicago Unleaded Gasoline (Platts) vs. RBOB Gasoline Futures	Fut	Floor				2.7	USD	FRPL	2.7	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	3D	ERCOT West 345 kV Hub 50 MW Off-Peak Futures	Fut	Electronic				0.15	USD	FRPL	0.15	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	3D	ERCOT West 345 kV Hub 50 MW Off-Peak Futures	Fut	Floor				0.15	USD	FRPL	0.15	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	3G	Premium Unleaded Gasoline 10 ppm FOB MED (Platts) Futures	Fut	Electronic				9	USD	FRPL	9	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	3G	Premium Unleaded Gasoline 10 ppm FOB MED (Platts) Futures	Fut	Floor				9	USD	FRPL	9	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	3L	Mount Belvieu Physical Iso-Butane (OPIS)	Fut	Electronic				1.35	USD	FRPL	1.35	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	3L	Mount Belvieu Physical Iso-Butane (OPIS)	Fut	Floor				1.35	USD	FRPL	1.35	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	3M	Mount Belvieu Physical Normal Butane (OPIS)	Fut	Electronic				1.35	USD	FRPL	1.35	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	3M	Mount Belvieu Physical Normal Butane (OPIS)	Fut	Floor				1.35	USD	FRPL	1.35	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	3N	Mount Belvieu Physical LDH Propane (OPIS)	Fut	Electronic				1.35	USD	FRPL	1.35	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	3N	Mount Belvieu Physical LDH Propane (OPIS)	Fut	Floor				1.35	USD	FRPL	1.35	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	3P	Mount Belvieu Physical Non LDH Propane (OPIS)	Fut	Electronic				1.35	USD	FRPL	1.35	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	3P	Mount Belvieu Physical Non LDH Propane (OPIS)	Fut	Floor				1.35	USD	FRPL	1.35	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	3Q	Mount Belvieu Physical Ethane (OPIS)	Fut	Electronic				1.35	USD	FRPL	1.35	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	3Q	Mount Belvieu Physical Ethane (OPIS)	Fut	Floor				1.35	USD	FRPL	1.35	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	3R	Mount Belvieu Physical Natural Gasoline (OPIS)	Fut	Electronic				1.35	USD	FRPL	1.35	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	3R	Mount Belvieu Physical Natural Gasoline (OPIS)	Fut	Floor				1.35	USD	FRPL	1.35	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	3U	European Gasoil Brent Crack Spread Average Price Option	Opt	Electronic				2.7	USD	FRPL	2.7	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	3U	European Gasoil Brent Crack Spread Average Price Option	Opt	Floor				2.7	USD	FRPL	2.7	0.2	USD	FRPL

Exch Code	Exch Desc	Comm Group	Prod Code	Product Desc	F/O	Platform	Trd Fee	Trd Fee Cur	Trd Fee Meth	Clr Fee	Clr Fee Cur	Clr Fee Meth	Fee Total	Brk Fee	Brk Fee Cur	Brk Fee Meth
NYMEX	New York Mercantile Exchange	Energy	3V	ULSD 10ppm Cargoes CIF NWE (Platts) vs. Gasoil BALMO Futures	Fut	Electronic				9	USD	FRPL	9	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	3V	ULSD 10ppm Cargoes CIF NWE (Platts) vs. Gasoil BALMO Futures	Fut	Floor				9	USD	FRPL	9	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	3W	Heating Oil Crack Spread Average Price Option	Opt	Electronic				2.7	USD	FRPL	2.7	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	3W	Heating Oil Crack Spread Average Price Option	Opt	Floor				2.7	USD	FRPL	2.7	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	3X	CAISO NP15 EZ Gen Hub 5 MW Off-Peak Calendar-Month Day-Ahead LMP Futures	Fut	Electronic				0.02	USD	FRPL	0.02	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	3X	CAISO NP15 EZ Gen Hub 5 MW Off-Peak Calendar-Month Day-Ahead LMP Futures	Fut	Floor				0.02	USD	FRPL	0.02	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	3Y	RBOB Crack Spread Average Price Option	Opt	Electronic				2.7	USD	FRPL	2.7	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	3Y	RBOB Crack Spread Average Price Option	Opt	Floor				2.7	USD	FRPL	2.7	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	3Z	CAISO NP15 EZ Gen Hub 5 MW Peak Calendar-Day Day-Ahead LMP Futures	Fut	Electronic				0.2	USD	FRPL	0.2	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	3Z	CAISO NP15 EZ Gen Hub 5 MW Peak Calendar-Day Day-Ahead LMP Futures	Fut	Floor				0.2	USD	FRPL	0.2	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	42	WTI BALMO Futures	Fut	Electronic				2.7	USD	FRPL	2.7	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	42	WTI BALMO Futures	Fut	Floor				2.7	USD	FRPL	2.7	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	43	European Naphtha (Platts) Crack Spread BALMO Futures	Fut	Electronic				1.25	USD	FRPL	1.25	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	43	European Naphtha (Platts) Crack Spread BALMO Futures	Fut	Floor				1.25	USD	FRPL	1.25	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	46	PJM METED Zone Off-Peak Calendar-Month Day-Ahead LMP Futures	Fut	Electronic				0.03	USD	FRPL	0.03	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	46	PJM METED Zone Off-Peak Calendar-Month Day-Ahead LMP Futures	Fut	Floor				0.03	USD	FRPL	0.03	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	47	PJM METED Zone Peak Calendar-Month Day-Ahead LMP Futures	Fut	Electronic				0.4	USD	FRPL	0.4	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	47	PJM METED Zone Peak Calendar-Month Day-Ahead LMP Futures	Fut	Floor				0.4	USD	FRPL	0.4	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	49	PJM PENELEC Zone Peak Calendar-Month Day-Ahead LMP Futures	Fut	Electronic				0.4	USD	FRPL	0.4	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	49	PJM PENELEC Zone Peak Calendar-Month Day-Ahead LMP Futures	Fut	Floor				0.4	USD	FRPL	0.4	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	4C	Chicago ULSD (Platts) Futures	Fut	Electronic				1.35	USD	FRPL	1.35	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	4C	Chicago ULSD (Platts) Futures	Fut	Floor				1.35	USD	FRPL	1.35	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	4D	Natural Gas Summer Strip	Opt	Electronic				1.2	USD	FRPL	1.2	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	4D	Natural Gas Summer Strip	Opt	Floor				1.2	USD	FRPL	1.2	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	4G	Premium Unleaded Gasoline 10 ppm Cargoes CIF NWE (Platts) Futures	Fut	Electronic				9	USD	FRPL	9	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	4G	Premium Unleaded Gasoline 10 ppm Cargoes CIF NWE (Platts) Futures	Fut	Floor				9	USD	FRPL	9	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	4H	Mont Belvieu LDH Propane 5 Decimals (OPIS) APO	Opt	Electronic				2.5	USD	FRPL	2.5	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	4H	Mont Belvieu LDH Propane 5 Decimals (OPIS) APO	Opt	Floor				1.45	USD	FRPL	1.45	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	4I	Mont Belvieu Natural Gasoline 5 Decimals (OPIS) APO	Opt	Electronic				2.5	USD	FRPL	2.5	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	4I	Mont Belvieu Natural Gasoline 5 Decimals (OPIS) APO	Opt	Floor				1.45	USD	FRPL	1.45	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	4J	Mont Belvieu Ethane 5 Decimals (OPIS) APO	Opt	Electronic				2.5	USD	FRPL	2.5	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	4J	Mont Belvieu Ethane 5 Decimals (OPIS) APO	Opt	Floor				1.45	USD	FRPL	1.45	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	4K	Mont Belvieu Normal Butane 5 Decimals (OPIS) APO	Opt	Electronic				2.5	USD	FRPL	2.5	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	4K	Mont Belvieu Normal Butane 5 Decimals (OPIS) APO	Opt	Floor				1.45	USD	FRPL	1.45	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	4L	NYISO Zone F 5 MW Peak Calendar-Month Day-Ahead LBMP Futures	Fut	Electronic				0.4	USD	FRPL	0.4	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	4L	NYISO Zone F 5 MW Peak Calendar-Month Day-Ahead LBMP Futures	Fut	Floor				0.4	USD	FRPL	0.4	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	4M	NYISO Zone F 5 MW Off-Peak Calendar-Month Day-Ahead LBMP Futures	Fut	Electronic				0.03	USD	FRPL	0.03	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	4M	NYISO Zone F 5 MW Off-Peak Calendar-Month Day-Ahead LBMP Futures	Fut	Floor				0.03	USD	FRPL	0.03	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	4N	PJM PECO Zone 5 MW Peak Calendar-Month Day-Ahead LMP Futures	Fut	Electronic				0.4	USD	FRPL	0.4	0.2	USD	FRPL

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NYMEX	New York Mercantile Exchange	Energy	4N	PJM PECO Zone 5 MW Peak Calendar-Month Day-Ahead LMP Futures	Fut	Floor				0.4	USD	FRPL	0.4	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	4P	PJM PECO Zone 5 MW Off-Peak Calendar-Month Day-Ahead LMP Futures	Fut	Electronic				0.03	USD	FRPL	0.03	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	4P	PJM PECO Zone 5 MW Off-Peak Calendar-Month Day-Ahead LMP Futures	Fut	Floor				0.03	USD	FRPL	0.03	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	4Q	MISO Illinois Hub 5 MW Peak Calendar-Month Day-Ahead Futures	Fut	Electronic				0.4	USD	FRPL	0.4	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	4Q	MISO Illinois Hub 5 MW Peak Calendar-Month Day-Ahead Futures	Fut	Floor				0.4	USD	FRPL	0.4	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	4R	MISO Illinois Hub 5 MW Off-Peak Calendar-Month Day-Ahead Futures	Fut	Electronic				0.03	USD	FRPL	0.03	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	4R	MISO Illinois Hub 5 MW Off-Peak Calendar-Month Day-Ahead Futures	Fut	Floor				0.03	USD	FRPL	0.03	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	4S	PJM Western Hub 50 MW Peak Calendar-Month Real-Time LMP Futures	Fut	Electronic				2	USD	FRPL	2	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	4S	PJM Western Hub 50 MW Peak Calendar-Month Real-Time LMP Futures	Fut	Floor				4	USD	FRPL	4	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	4U	Gulf Coast Heating Oil (Argus) Futures	Fut	Electronic				1.35	USD	FRPL	1.35	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	4U	Gulf Coast Heating Oil (Argus) Futures	Fut	Floor				1.35	USD	FRPL	1.35	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	4V	Gasoil 0.1 Cargoes CIF NWE (Platts) vs. Gasoil BALMO Futures	Fut	Electronic				9	USD	FRPL	9	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	4V	Gasoil 0.1 Cargoes CIF NWE (Platts) vs. Gasoil BALMO Futures	Fut	Floor				9	USD	FRPL	9	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	4W	MichCon Natural Gas (Platts IFERC) Basis Option	Opt	Electronic				0.67	USD	FRPL	0.67	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	4W	MichCon Natural Gas (Platts IFERC) Basis Option	Opt	Floor				0.67	USD	FRPL	0.67	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	4X	CAISO NP15 EZ Gen Hub 5 MW Peak Calendar-Month Day-Ahead LMP Futures	Fut	Electronic				0.2	USD	FRPL	0.2	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	4X	CAISO NP15 EZ Gen Hub 5 MW Peak Calendar-Month Day-Ahead LMP Futures	Fut	Floor				0.2	USD	FRPL	0.2	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	4Y	NY Jet Fuel (Argus) Futures	Fut	Electronic				1.35	USD	FRPL	1.35	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	4Y	NY Jet Fuel (Argus) Futures	Fut	Floor				1.35	USD	FRPL	1.35	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	4Z	CAISO SP15 EZ Gen Hub 5 MW Off-Peak Calendar-Day Day-Ahead LMP Futures	Fut	Electronic				0.02	USD	FRPL	0.02	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	4Z	CAISO SP15 EZ Gen Hub 5 MW Off-Peak Calendar-Day Day-Ahead LMP Futures	Fut	Floor				0.02	USD	FRPL	0.02	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	50	PJM PENELEC Zone Off-Peak Calendar-Month Day-Ahead LMP Futures	Fut	Electronic				0.03	USD	FRPL	0.03	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	50	PJM PENELEC Zone Off-Peak Calendar-Month Day-Ahead LMP Futures	Fut	Floor				0.03	USD	FRPL	0.03	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	51	Mont Belvieu LDH Propane (OPIS) vs. European Propane CIF ARA (Argus) Futures	Fut	Electronic				18	USD	FRPL	18	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	51	Mont Belvieu LDH Propane (OPIS) vs. European Propane CIF ARA (Argus) Futures	Fut	Floor				18	USD	FRPL	18	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	55	NYISO Zone E 5 MW Peak Calendar-Month Day-Ahead LBMP Futures	Fut	Electronic				0.4	USD	FRPL	0.4	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	55	NYISO Zone E 5 MW Peak Calendar-Month Day-Ahead LBMP Futures	Fut	Floor				0.4	USD	FRPL	0.4	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	58	NYISO Zone E 5 MW Off-Peak Calendar-Month Day-Ahead LBMP Futures	Fut	Electronic				0.03	USD	FRPL	0.03	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	58	NYISO Zone E 5 MW Off-Peak Calendar-Month Day-Ahead LBMP Futures	Fut	Floor				0.03	USD	FRPL	0.03	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	5C	Chicago ULSD (Platts) vs. NY Harbor ULSD Heating Oil Futures	Fut	Electronic				2.7	USD	FRPL	2.7	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	5C	Chicago ULSD (Platts) vs. NY Harbor ULSD Heating Oil Futures	Fut	Floor				2.7	USD	FRPL	2.7	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	5D	Columbia Gas TCO (Platts IFERC) Basis Option	Opt	Electronic				0.67	USD	FRPL	0.67	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	5D	Columbia Gas TCO (Platts IFERC) Basis Option	Opt	Floor				0.67	USD	FRPL	0.67	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	5E	Henry Hub Natural Gas (Platts IFERC) Basis Option	Opt	Electronic				0.67	USD	FRPL	0.67	0.2	USD	FRPL

Exch Code	Exch Desc	Comm Group	Prod Code	Product Desc	F/O	Platform	Trd Fee	Trd Fee Cur	Trd Fee Meth	Clr Fee	Clr Fee Cur	Clr Fee Meth	Fee Total	Brk Fee	Brk Fee Cur	Brk Fee Meth
NYMEX	New York Mercantile Exchange	Energy	5E	Henry Hub Natural Gas (Platts IFERC) Basis Option	Opt	Floor				0.67	USD	FRPL	0.67	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	5F	Houston Ship Channel Natural Gas (Platts IFERC) Basis Option	Opt	Electronic				0.67	USD	FRPL	0.67	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	5F	Houston Ship Channel Natural Gas (Platts IFERC) Basis Option	Opt	Floor				0.67	USD	FRPL	0.67	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	5G	NGPL Mid-Con Natural Gas (Platts IFERC) Basis Option	Opt	Electronic				0.67	USD	FRPL	0.67	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	5G	NGPL Mid-Con Natural Gas (Platts IFERC) Basis Option	Opt	Floor				0.67	USD	FRPL	0.67	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	5H	NGPL TexOk Natural Gas (Platts IFERC) Basis Option	Opt	Electronic				0.67	USD	FRPL	0.67	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	5H	NGPL TexOk Natural Gas (Platts IFERC) Basis Option	Opt	Floor				0.67	USD	FRPL	0.67	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	5I	Rockies Natural Gas (Platts IFERC) Basis Option	Opt	Electronic				0.67	USD	FRPL	0.67	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	5I	Rockies Natural Gas (Platts IFERC) Basis Option	Opt	Floor				0.67	USD	FRPL	0.67	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	5K	Panhandle Natural Gas (Platts IFERC) Basis Option	Opt	Electronic				0.67	USD	FRPL	0.67	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	5K	Panhandle Natural Gas (Platts IFERC) Basis Option	Opt	Floor				0.67	USD	FRPL	0.67	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	5L	Mini Singapore Fuel Oil 180 cst (Platts) BALMO Futures	Fut	Electronic				1.25	USD	FRPL	1.25	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	5L	Mini Singapore Fuel Oil 180 cst (Platts) BALMO Futures	Fut	Floor				1.35	USD	FRPL	1.35	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	5M	SoCal Natural Gas (Platts IFERC) Basis Option	Opt	Electronic				0.67	USD	FRPL	0.67	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	5M	SoCal Natural Gas (Platts IFERC) Basis Option	Opt	Floor				0.67	USD	FRPL	0.67	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	5N	Texas Eastern Zone M-3 Natural Gas (Platts IFERC) Basis Option	Opt	Electronic				0.67	USD	FRPL	0.67	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	5N	Texas Eastern Zone M-3 Natural Gas (Platts IFERC) Basis Option	Opt	Floor				0.67	USD	FRPL	0.67	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	5O	Waha Natural Gas (Platts IFERC) Basis Option	Opt	Electronic				0.67	USD	FRPL	0.67	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	5O	Waha Natural Gas (Platts IFERC) Basis Option	Opt	Floor				0.67	USD	FRPL	0.67	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	5U	NY Jet Fuel (Argus) vs. NY Harbor ULSD Heating Oil Futures	Fut	Electronic				2.7	USD	FRPL	2.7	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	5U	NY Jet Fuel (Argus) vs. NY Harbor ULSD Heating Oil Futures	Fut	Floor				2.7	USD	FRPL	2.7	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	5X	CAISO SP15 EZ Gen Hub 5 MW Off-Peak Calendar-Month Day-Ahead LMP Futures	Fut	Electronic				0.02	USD	FRPL	0.02	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	5X	CAISO SP15 EZ Gen Hub 5 MW Off-Peak Calendar-Month Day-Ahead LMP Futures	Fut	Floor				0.02	USD	FRPL	0.02	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	5Y	NY ULSD (Argus) Futures	Fut	Electronic				1.35	USD	FRPL	1.35	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	5Y	NY ULSD (Argus) Futures	Fut	Floor				1.35	USD	FRPL	1.35	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	5Z	Columbia Gulf, Mainline Natural Gas (Platts IFERC) Basis Futures	Fut	Electronic				0.67	USD	FRPL	0.67	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	5Z	Columbia Gulf, Mainline Natural Gas (Platts IFERC) Basis Futures	Fut	Floor				0.67	USD	FRPL	0.67	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	63	3.5% Fuel Oil Cargoes FOB MED (Platts) vs. 3.5% Fuel Oil Barges FOB Rdam (Platts) BALMO Futures	Fut	Electronic				9	USD	FRPL	9	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	63	3.5% Fuel Oil Cargoes FOB MED (Platts) vs. 3.5% Fuel Oil Barges FOB Rdam (Platts) BALMO Futures	Fut	Floor				9	USD	FRPL	9	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	6D	Premium Unleaded Gasoline 10 ppm Cargoes CIF NWE (Platts) BALMO Futures	Fut	Electronic				9	USD	FRPL	9	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	6D	Premium Unleaded Gasoline 10 ppm Cargoes CIF NWE (Platts) BALMO Futures	Fut	Floor				9	USD	FRPL	9	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	6E	Crude Oil Quarterly Strip	Opt	Electronic				1.75	USD	FRPL	1.75	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	6E	Crude Oil Quarterly Strip	Opt	Floor				1.75	USD	FRPL	1.75	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	6F	Crude Oil Calendar Strip	Opt	Electronic				7	USD	FRPL	7	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	6F	Crude Oil Calendar Strip	Opt	Floor				7	USD	FRPL	7	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	6G	Premium Unleaded Gasoline 10 ppm CIF MED (Platts) BALMO Futures	Fut	Electronic				9	USD	FRPL	9	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	6G	Premium Unleaded Gasoline 10 ppm CIF MED (Platts) BALMO Futures	Fut	Floor				9	USD	FRPL	9	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	6I	Natural Gas Winter Strip	Opt	Electronic				0.8	USD	FRPL	0.8	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	6I	Natural Gas Winter Strip	Opt	Floor				0.8	USD	FRPL	0.8	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	6J	Natural Gas Calendar Strip	Opt	Electronic				2	USD	FRPL	2	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	6J	Natural Gas Calendar Strip	Opt	Floor				2	USD	FRPL	2	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	6K	Central Appalachian Coal	Opt	Electronic				11.25	USD	FRPL	11.25	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	6K	Central Appalachian Coal	Opt	Floor				11.25	USD	FRPL	11.25	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	6L	European 1% Fuel Oil Barges FOB Rdam (Platts) BALMO Futures	Fut	Electronic				9	USD	FRPL	9	0.2	USD	FRPL

Exch Code	Exch Desc	Comm Group	Prod Code	Product Desc	F/O	Platform	Trd Fee	Trd Fee Cur	Trd Fee Meth	Clr Fee	Clr Fee Cur	Clr Fee Meth	Fee Total	Brk Fee	Brk Fee Cur	Brk Fee Meth
NYMEX	New York Mercantile Exchange	Energy	6L	European 1% Fuel Oil Barges FOB Rdam (Platts) BALMO Futures	Fut	Floor				9	USD	FRPL	9	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	6M	CAPP Coal Calendar Strip	Opt	Electronic				45	USD	FRPL	45	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	6M	CAPP Coal Calendar Strip	Opt	Floor				45	USD	FRPL	45	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	6O	PJM Calendar Strip	Opt	Electronic				24	USD	FRPL	24	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	6O	PJM Calendar Strip	Opt	Floor				24	USD	FRPL	24	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	6S	In Delivery Month Certified Emission Reduction	Fut	Electronic				3	USD	FRPL	3	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	6V	Gasoil 0.1 Barges FOB Rdam (Platts) vs. Gasoil BALMO Futures	Fut	Electronic				9	USD	FRPL	9	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	6V	Gasoil 0.1 Barges FOB Rdam (Platts) vs. Gasoil BALMO Futures	Fut	Floor				9	USD	FRPL	9	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	6W	Brent CFD (Platts) vs. Brent Second Month (Platts) Futures	Fut	Electronic				1.25	USD	FRPL	1.25	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	6W	Brent CFD (Platts) vs. Brent Second Month (Platts) Futures	Fut	Floor				2.7	USD	FRPL	2.7	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	6X	Jet Fuel Cargoes CIF NWE (Platts) vs. Gasoil BALMO Futures	Fut	Electronic				9	USD	FRPL	9	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	6X	Jet Fuel Cargoes CIF NWE (Platts) vs. Gasoil BALMO Futures	Fut	Floor				9	USD	FRPL	9	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	6Z	Tennessee 800 Leg Natural Gas (Platts IFERC) Basis Futures	Fut	Electronic				0.67	USD	FRPL	0.67	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	6Z	Tennessee 800 Leg Natural Gas (Platts IFERC) Basis Futures	Fut	Floor				0.67	USD	FRPL	0.67	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	76X	Regional Greenhouse Gas Initiative Co2 Allowance Vintage 10	Fut	Electronic				2.5	USD	FRPL	2.5	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	7A	Crude Oil 1-month spread	Opt	Electronic				2.5	USD	FRPL	2.5	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	7A	Crude Oil 1-month spread	Opt	Floor				1.45	USD	FRPL	1.45	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	7B	Crude Oil 2-month spread	Opt	Electronic				2.5	USD	FRPL	2.5	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	7B	Crude Oil 2-month spread	Opt	Floor				1.45	USD	FRPL	1.45	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	7C	Crude Oil 3-month spread	Opt	Electronic				2.5	USD	FRPL	2.5	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	7C	Crude Oil 3-month spread	Opt	Floor				1.45	USD	FRPL	1.45	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	7D	3.5% Fuel Oil CIF MED (Platts) Futures	Fut	Electronic				9	USD	FRPL	9	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	7D	3.5% Fuel Oil CIF MED (Platts) Futures	Fut	Floor				9	USD	FRPL	9	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	7E	Argus Propane Far East Index Futures	Fut	Electronic				9	USD	FRPL	9	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	7E	Argus Propane Far East Index Futures	Fut	Floor				9	USD	FRPL	9	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	7F	European Gasoil Bullet Futures	Fut	Electronic				0.75	USD	FRPL	0.75	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	7G	Dated Brent (Platts) Daily Futures	Fut	Electronic				1.35	USD	FRPL	1.35	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	7G	Dated Brent (Platts) Daily Futures	Fut	Floor				1.35	USD	FRPL	1.35	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	7H	Gasoline Euro-bob Oxy NWE Barges (Argus) Futures	Fut	Electronic				9	USD	FRPL	9	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	7H	Gasoline Euro-bob Oxy NWE Barges (Argus) Futures	Fut	Floor				9	USD	FRPL	9	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	7I	Gasoline Euro-bob Oxy NWE Barges (Argus) Crack Spread BALMO Futures	Fut	Electronic				20	USD	FRPL	20	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	7I	Gasoline Euro-bob Oxy NWE Barges (Argus) Crack Spread BALMO Futures	Fut	Floor				20	USD	FRPL	20	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	7K	Gasoline Euro-bob Oxy NWE Barges (Argus) Crack Spread Futures	Fut	Electronic				2.7	USD	FRPL	2.7	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	7K	Gasoline Euro-bob Oxy NWE Barges (Argus) Crack Spread Futures	Fut	Floor				2.7	USD	FRPL	2.7	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	7L	Premium Unleaded Gasoline 10 ppm Barges FOB Rdam (Platts) Futures	Fut	Electronic				20	USD	FRPL	20	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	7L	Premium Unleaded Gasoline 10 ppm Barges FOB Rdam (Platts) Futures	Fut	Floor				20	USD	FRPL	20	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	7M	Crude Oil 6-month spread	Opt	Electronic				2.5	USD	FRPL	2.5	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	7M	Crude Oil 6-month spread	Opt	Floor				1.45	USD	FRPL	1.45	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	7N	Premium Unleaded Gasoline 10 ppm Barges FOB Rdam (Platts) BALMO Futures	Fut	Electronic				20	USD	FRPL	20	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	7N	Premium Unleaded Gasoline 10 ppm Barges FOB Rdam (Platts) BALMO Futures	Fut	Floor				20	USD	FRPL	20	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	7O	Gulf Coast Heating Oil (OPIS) Futures	Fut	Electronic				1.35	USD	FRPL	1.35	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	7O	Gulf Coast Heating Oil (OPIS) Futures	Fut	Floor				1.35	USD	FRPL	1.35	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	7P	EuroBob Gasoline 10 ppm Barges FOB Rdam (Platts) Futures	Fut	Electronic				9	USD	FRPL	9	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	7P	EuroBob Gasoline 10 ppm Barges FOB Rdam (Platts) Futures	Fut	Floor				9	USD	FRPL	9	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	7Q	Mont Belvieu Natural Gasoline (OPIS) Futures	Fut	Electronic				1.35	USD	FRPL	1.35	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	7Q	Mont Belvieu Natural Gasoline (OPIS) Futures	Fut	Floor				1.35	USD	FRPL	1.35	0.2	USD	FRPL

Exch Code	Exch Desc	Comm Group	Prod Code	Product Desc	F/O	Platform	Trd Fee	Trd Fee Cur	Trd Fee Meth	Clr Fee	Clr Fee Cur	Clr Fee Meth	Fee Total	Brk Fee	Brk Fee Cur	Brk Fee Meth
NYMEX	New York Mercantile Exchange	Energy	7R	Gasoline Euro-bob Oxy NWE Barges (Argus) BALMO Futures	Fut	Electronic				20	USD	FRPL	20	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	7R	Gasoline Euro-bob Oxy NWE Barges (Argus) BALMO Futures	Fut	Floor				20	USD	FRPL	20	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	7S	EuroBob Gasoline 10 ppm Barges FOB Rdam (Platts) BALMO Futures	Fut	Electronic				20	USD	FRPL	20	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	7S	EuroBob Gasoline 10 ppm Barges FOB Rdam (Platts) BALMO Futures	Fut	Floor				20	USD	FRPL	20	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	7U	Gulf Coast Heating Oil (Argus) vs. NY Harbor ULSD Heating Oil Futures	Fut	Electronic				2.7	USD	FRPL	2.7	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	7U	Gulf Coast Heating Oil (Argus) vs. NY Harbor ULSD Heating Oil Futures	Fut	Floor				2.7	USD	FRPL	2.7	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	7V	ULSD 10ppm CIF MED (Platts) vs. Gasoil BALMO Futures	Fut	Electronic				9	USD	FRPL	9	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	7V	ULSD 10ppm CIF MED (Platts) vs. Gasoil BALMO Futures	Fut	Floor				9	USD	FRPL	9	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	7W	Gulf Coast Heating Oil (OPIS) vs. NY Harbor ULSD Heating Oil Futures	Fut	Electronic				2.7	USD	FRPL	2.7	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	7W	Gulf Coast Heating Oil (OPIS) vs. NY Harbor ULSD Heating Oil Futures	Fut	Floor				2.7	USD	FRPL	2.7	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	7X	Diesel 10ppm Barges FOB Rdam (Platts) vs. Gasoil BALMO Futures	Fut	Electronic				9	USD	FRPL	9	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	7X	Diesel 10ppm Barges FOB Rdam (Platts) vs. Gasoil BALMO Futures	Fut	Floor				9	USD	FRPL	9	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	7Y	NY ULSD (Argus) vs. NY Harbor ULSD Heating Oil Futures	Fut	Electronic				2.7	USD	FRPL	2.7	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	7Y	NY ULSD (Argus) vs. NY Harbor ULSD Heating Oil Futures	Fut	Floor				2.7	USD	FRPL	2.7	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	7Z	Crude Oil 12-month spread	Opt	Electronic				2.5	USD	FRPL	2.5	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	7Z	Crude Oil 12-month spread	Opt	Floor				1.45	USD	FRPL	1.45	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	81	Mont Belvieu Mini LDH Propane (OPIS) Futures	Fut	Electronic				0.15	USD	FRPL	0.15	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	81	Mont Belvieu Mini LDH Propane (OPIS) Futures	Fut	Floor				0.15	USD	FRPL	0.15	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	86N	Regional Greenhouse Gas Initiative Co2 Allowance Vintage 11	Fut	Electronic				2.5	USD	FRPL	2.5	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	88	Northwest Europe Fuel Oil High-Low Sulfur Spread (Platts) BALMO Futures	Fut	Electronic				9	USD	FRPL	9	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	88	Northwest Europe Fuel Oil High-Low Sulfur Spread (Platts) BALMO Futures	Fut	Floor				9	USD	FRPL	9	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	8A	Florida Gas, Zone 2 Natural Gas (Platts IFERC) Basis Futures	Fut	Electronic				0.67	USD	FRPL	0.67	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	8A	Florida Gas, Zone 2 Natural Gas (Platts IFERC) Basis Futures	Fut	Floor				0.67	USD	FRPL	0.67	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	8B	Texas Eastern, WLA Natural Gas (Platts IFERC) Basis Futures	Fut	Electronic				0.67	USD	FRPL	0.67	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	8B	Texas Eastern, WLA Natural Gas (Platts IFERC) Basis Futures	Fut	Floor				0.67	USD	FRPL	0.67	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	8C	Mont Belvieu Ethane (OPIS) BALMO Futures	Fut	Electronic				2.7	USD	FRPL	2.7	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	8C	Mont Belvieu Ethane (OPIS) BALMO Futures	Fut	Floor				2.7	USD	FRPL	2.7	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	8D	3.5% Fuel Oil CIF MED (Platts) BALMO Futures	Fut	Electronic				9	USD	FRPL	9	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	8D	3.5% Fuel Oil CIF MED (Platts) BALMO Futures	Fut	Floor				9	USD	FRPL	9	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	8E	Transco Zone 1 Natural Gas (Platts IFERC) Basis Futures	Fut	Electronic				0.67	USD	FRPL	0.67	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	8E	Transco Zone 1 Natural Gas (Platts IFERC) Basis Futures	Fut	Floor				0.67	USD	FRPL	0.67	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	8F	Transco Zone 2 Natural Gas (Platts IFERC) Basis Futures	Fut	Electronic				0.67	USD	FRPL	0.67	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	8F	Transco Zone 2 Natural Gas (Platts IFERC) Basis Futures	Fut	Floor				0.67	USD	FRPL	0.67	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	8G	Premium Unleaded Gasoline 10 ppm FOB MED (Platts) BALMO Futures	Fut	Electronic				9	USD	FRPL	9	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	8G	Premium Unleaded Gasoline 10 ppm FOB MED (Platts) BALMO Futures	Fut	Floor				9	USD	FRPL	9	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	8H	Singapore Fuel Oil 380 cst Swap Average Price Option	Opt	Electronic				9	USD	FRPL	9	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	8H	Singapore Fuel Oil 380 cst Swap Average Price Option	Opt	Floor				9	USD	FRPL	9	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	8I	Mont Belvieu Iso-Butane (OPIS) Futures	Fut	Electronic				1.35	USD	FRPL	1.35	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	8I	Mont Belvieu Iso-Butane (OPIS) Futures	Fut	Floor				1.35	USD	FRPL	1.35	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	8J	Mont Belvieu Normal Butane (OPIS) BALMO Futures	Fut	Electronic				2.7	USD	FRPL	2.7	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	8J	Mont Belvieu Normal Butane (OPIS) BALMO Futures	Fut	Floor				2.7	USD	FRPL	2.7	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	8K	Conway Propane (OPIS) Futures	Fut	Electronic				1.35	USD	FRPL	1.35	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	8K	Conway Propane (OPIS) Futures	Fut	Floor				1.35	USD	FRPL	1.35	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	8L	Conway Natural Gasoline (OPIS) Futures	Fut	Electronic				1.35	USD	FRPL	1.35	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	8L	Conway Natural Gasoline (OPIS) Futures	Fut	Floor				1.35	USD	FRPL	1.35	0.2	USD	FRPL

Exch Code	Exch Desc	Comm Group	Prod Code	Product Desc	F/O	Platform	Trd Fee	Trd Fee Cur	Trd Fee Meth	Clr Fee	Clr Fee Cur	Clr Fee Meth	Fee Total	Brk Fee	Brk Fee Cur	Brk Fee Meth
NYMEX	New York Mercantile Exchange	Energy	8M	Conway Normal Butane (OPIS) Futures	Fut	Electronic				1.35	USD	FRPL	1.35	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	8M	Conway Normal Butane (OPIS) Futures	Fut	Floor				1.35	USD	FRPL	1.35	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	8N	NY 0.3% Fuel Oil HiPr (Platts) Futures	Fut	Electronic				1.35	USD	FRPL	1.35	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	8N	NY 0.3% Fuel Oil HiPr (Platts) Futures	Fut	Floor				1.35	USD	FRPL	1.35	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	8O	Mont Belvieu LDH Propane (OPIS) BALMO Futures	Fut	Electronic				2.7	USD	FRPL	2.7	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	8O	Mont Belvieu LDH Propane (OPIS) BALMO Futures	Fut	Floor				2.7	USD	FRPL	2.7	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	8W	Gasoil 0.1 Cargoes CIF MED (Platts) vs. Gasoil BALMO Futures	Fut	Electronic				9	USD	FRPL	9	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	8W	Gasoil 0.1 Cargoes CIF MED (Platts) vs. Gasoil BALMO Futures	Fut	Floor				9	USD	FRPL	9	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	8X	OneOk, Oklahoma Natural Gas (Platts IFERC) Basis Futures	Fut	Electronic				0.67	USD	FRPL	0.67	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	8X	OneOk, Oklahoma Natural Gas (Platts IFERC) Basis Futures	Fut	Floor				0.67	USD	FRPL	0.67	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	8Z	Southern Star, Tx.-Okla.-Kan. Natural Gas (Platts IFERC) Basis Futures	Fut	Electronic				0.67	USD	FRPL	0.67	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	8Z	Southern Star, Tx.-Okla.-Kan. Natural Gas (Platts IFERC) Basis Futures	Fut	Floor				0.67	USD	FRPL	0.67	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	91	Argus Propane Far East Index vs. European Propane CIF ARA (Argus) Futures	Fut	Electronic				9	USD	FRPL	9	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	91	Argus Propane Far East Index vs. European Propane CIF ARA (Argus) Futures	Fut	Floor				18	USD	FRPL	18	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	92X	Climate Action Reserve Tons Vintage 9	Fut	Electronic				2.5	USD	FRPL	2.5	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	93X	Climate Action Reserve Tons Vintage 10	Fut	Electronic				2.5	USD	FRPL	2.5	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	94X	Climate Action Reserve Tons Vintage 11	Fut	Electronic				2.5	USD	FRPL	2.5	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	95X	Climate Action Reserve Tons Vintage 12	Fut	Electronic				2.5	USD	FRPL	2.5	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	96X	Regional Greenhouse Gas Initiative Co2 Allowance Vintage 12	Fut	Electronic				2.5	USD	FRPL	2.5	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	98N	Regional Greenhouse Gas Initiative Co2 Allowance Vintage 9	Fut	Electronic				2.5	USD	FRPL	2.5	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	9A	SoCal City-Gate Natural Gas (Platts IFERC) Basis Futures	Fut	Electronic				0.67	USD	FRPL	0.67	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	9A	SoCal City-Gate Natural Gas (Platts IFERC) Basis Futures	Fut	Floor				0.67	USD	FRPL	0.67	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	9B	Brent Crude Oil Last Day 2-month Spread	Opt	Electronic				1.45	USD	FRPL	1.45	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	9B	Brent Crude Oil Last Day 2-month Spread	Opt	Floor				0.45	USD	FRPL	0.45	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	9C	Brent Crude Oil Last Day 1-month Spread	Opt	Electronic				1.45	USD	FRPL	1.45	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	9C	Brent Crude Oil Last Day 1-month Spread	Opt	Floor				0.45	USD	FRPL	0.45	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	9D	Brent Crude Oil Last Day 3-month Spread	Opt	Electronic				1.45	USD	FRPL	1.45	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	9D	Brent Crude Oil Last Day 3-month Spread	Opt	Floor				0.45	USD	FRPL	0.45	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	9E	In Delivery Month Certified Emission Reduction Serial	Opt	Electronic				3	USD	FRPL	3	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	9F	Texas Gas, Zone 1 Natural Gas (Platts IFERC) Basis Futures	Fut	Electronic				0.67	USD	FRPL	0.67	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	9F	Texas Gas, Zone 1 Natural Gas (Platts IFERC) Basis Futures	Fut	Floor				0.67	USD	FRPL	0.67	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	9G	In Delivery Month European Union Allowance Serial	Opt	Electronic				3	USD	FRPL	3	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	9L	Brent Crude Oil Last Day 6-month Spread	Opt	Electronic				1.45	USD	FRPL	1.45	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	9L	Brent Crude Oil Last Day 6-month Spread	Opt	Floor				0.45	USD	FRPL	0.45	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	9N	Argus Propane (Saudi Aramco) Futures	Fut	Electronic				9	USD	FRPL	9	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	9N	Argus Propane (Saudi Aramco) Futures	Fut	Floor				9	USD	FRPL	9	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	9Q	Jet Fuel Barges FOB Rdam (Platts) vs. Gasoil BALMO Futures	Fut	Electronic				9	USD	FRPL	9	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	9Q	Jet Fuel Barges FOB Rdam (Platts) vs. Gasoil BALMO Futures	Fut	Floor				9	USD	FRPL	9	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	9T	NYISO Zone A 5 MW Peak Calendar-Month Day-Ahead LBMP Option	Opt	Electronic				0.4	USD	FRPL	0.4	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	9T	NYISO Zone A 5 MW Peak Calendar-Month Day-Ahead LBMP Option	Opt	Floor				0.4	USD	FRPL	0.4	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	9U	NYISO Zone G 5 MW Peak Calendar-Month Day-Ahead LBMP Option	Opt	Electronic				0.4	USD	FRPL	0.4	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	9U	NYISO Zone G 5 MW Peak Calendar-Month Day-Ahead LBMP Option	Opt	Floor				0.4	USD	FRPL	0.4	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	9V	NYISO Zone J 5 MW Peak Calendar-Month Day-Ahead LBMP Option	Opt	Electronic				0.4	USD	FRPL	0.4	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	9V	NYISO Zone J 5 MW Peak Calendar-Month Day-Ahead LBMP Option	Opt	Floor				0.4	USD	FRPL	0.4	0.2	USD	FRPL

Exch Code	Exch Desc	Comm Group	Prod Code	Product Desc	F/O	Platform	Trd Fee	Trd Fee Cur	Trd Fee Meth	Clr Fee	Clr Fee Cur	Clr Fee Meth	Fee Total	Brk Fee	Brk Fee Cur	Brk Fee Meth
NYMEX	New York Mercantile Exchange	Energy	9X	CAISO SP15 EZ Gen Hub 5 MW Peak Calendar-Month Day-Ahead LMP Futures	Fut	Electronic				0.2	USD	FRPL	0.2	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	9X	CAISO SP15 EZ Gen Hub 5 MW Peak Calendar-Month Day-Ahead LMP Futures	Fut	Floor				0.2	USD	FRPL	0.2	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	9Y	Brent Crude Oil Last Day 12-month Spread	Opt	Electronic				1.45	USD	FRPL	1.45	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	9Y	Brent Crude Oil Last Day 12-month Spread	Opt	Floor				0.45	USD	FRPL	0.45	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	9Z	CAISO SP15 EZ Gen Hub 5 MW Peak Calendar-Day Day-Ahead LMP Futures	Fut	Electronic				0.2	USD	FRPL	0.2	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	9Z	CAISO SP15 EZ Gen Hub 5 MW Peak Calendar-Day Day-Ahead LMP Futures	Fut	Floor				0.2	USD	FRPL	0.2	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	A1	Columbia Gas TCO (Platts Gas Daily) Swing Futures	Fut	Electronic				0.67	USD	FRPL	0.67	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	A1	Columbia Gas TCO (Platts Gas Daily) Swing Futures	Fut	Floor				0.67	USD	FRPL	0.67	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	A3	NYISO Zone C 5 MW Off-Peak Calendar-Month Day-Ahead LBMP Futures	Fut	Electronic				0.03	USD	FRPL	0.03	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	A3	NYISO Zone C 5 MW Off-Peak Calendar-Month Day-Ahead LBMP Futures	Fut	Floor				0.03	USD	FRPL	0.03	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	A4	Argus LLS Trade Month Futures	Fut	Electronic				1.35	USD	FRPL	1.35	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	A4	Argus LLS Trade Month Futures	Fut	Floor				1.35	USD	FRPL	1.35	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	A5	EIA Flat Tax On-Highway Diesel Futures	Fut	Electronic				1.35	USD	FRPL	1.35	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	A5	EIA Flat Tax On-Highway Diesel Futures	Fut	Floor				1.35	USD	FRPL	1.35	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	A6	Group Three ULSD (Platts) vs. NY Harbor ULSD Heating Oil Futures	Fut	Electronic				2.7	USD	FRPL	2.7	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	A6	Group Three ULSD (Platts) vs. NY Harbor ULSD Heating Oil Futures	Fut	Floor				2.7	USD	FRPL	2.7	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	A7	Group Three ULSD (Platts) Futures	Fut	Electronic				1.35	USD	FRPL	1.35	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	A7	Group Three ULSD (Platts) Futures	Fut	Floor				1.35	USD	FRPL	1.35	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	A8	Group Three Unleaded Gasoline (Platts) vs. RBOB Gasoline Futures	Fut	Electronic				2.7	USD	FRPL	2.7	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	A8	Group Three Unleaded Gasoline (Platts) vs. RBOB Gasoline Futures	Fut	Floor				2.7	USD	FRPL	2.7	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	A9	Group Three Unleaded Gasoline (Platts) Futures	Fut	Electronic				1.35	USD	FRPL	1.35	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	A9	Group Three Unleaded Gasoline (Platts) Futures	Fut	Floor				1.35	USD	FRPL	1.35	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	AA	12 Month Brent Crude Oil Spread	Opt	Electronic				1.45	USD	FRPL	1.45	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	AA	12 Month Brent Crude Oil Spread	Opt	Floor				0.45	USD	FRPL	0.45	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	AB	2 Month Brent Crude Oil Spread	Opt	Electronic				1.45	USD	FRPL	1.45	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	AB	2 Month Brent Crude Oil Spread	Opt	Floor				0.45	USD	FRPL	0.45	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	AC	3 Month Brent Crude Oil Spread	Opt	Electronic				1.45	USD	FRPL	1.45	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	AC	3 Month Brent Crude Oil Spread	Opt	Floor				0.45	USD	FRPL	0.45	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	ACL	Australian Coking Coal (Platts) Futures	Fut	Electronic				7	USD	FRPL	7	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	ACL	Australian Coking Coal (Platts) Futures	Fut	Floor				7	USD	FRPL	7	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	ACR	Australian Coking Coal (Argus) Low Vol Futures	Fut	Electronic				7	USD	FRPL	7	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	ACR	Australian Coking Coal (Argus) Low Vol Futures	Fut	Floor				7	USD	FRPL	7	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	AEF	Alberta Power Pool Extended Off-Peak Calendar-Month Futures	Fut	Electronic				0.02	USD	FRPL	0.02	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	AEF	Alberta Power Pool Extended Off-Peak Calendar-Month Futures	Fut	Floor				0.02	USD	FRPL	0.02	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	AES	Argus Gasoline Eurobob Oxy Barges NWE Crack Spread (1000mt) BALMO Futures	Fut	Electronic				9	USD	FRPL	9	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	AES	Argus Gasoline Eurobob Oxy Barges NWE Crack Spread (1000mt) BALMO Futures	Fut	Floor				9	USD	FRPL	9	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	AEX	Alberta Power Pool Extended Peak Calendar-Month Futures	Fut	Electronic				0.2	USD	FRPL	0.2	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	AEX	Alberta Power Pool Extended Peak Calendar-Month Futures	Fut	Floor				0.2	USD	FRPL	0.2	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	AF	Gulf Coast Jet (Argus) Futures	Fut	Electronic				1.35	USD	FRPL	1.35	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	AF	Gulf Coast Jet (Argus) Futures	Fut	Floor				1.35	USD	FRPL	1.35	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	AFP	Alberta Power Pool Extended Off-Peak Calendar-Day Futures	Fut	Electronic				0.02	USD	FRPL	0.02	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	AFP	Alberta Power Pool Extended Off-Peak Calendar-Day Futures	Fut	Floor				0.02	USD	FRPL	0.02	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	AH	Dubai Crude Oil (Platts) Average Price Option	Opt	Electronic				1.25	USD	FRPL	1.25	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	AH	Dubai Crude Oil (Platts) Average Price Option	Opt	Floor				1.35	USD	FRPL	1.35	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	AJ	Gulf Coast ULSD (Argus) Futures	Fut	Electronic				1.35	USD	FRPL	1.35	0.2	USD	FRPL

Exch Code	Exch Desc	Comm Group	Prod Code	Product Desc	F/O	Platform	Trd Fee	Trd Fee Cur	Trd Fee Meth	Clr Fee	Clr Fee Cur	Clr Fee Meth	Fee Total	Brk Fee	Brk Fee Cur	Brk Fee Meth
NYMEX	New York Mercantile Exchange	Energy	AJ	Gulf Coast ULSD (Argus) Futures	Fut	Floor				1.35	USD	FRPL	1.35	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	ALF	Alberta Power Pool Off-Peak Calendar-Day Futures	Fut	Electronic				0.02	USD	FRPL	0.02	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	ALF	Alberta Power Pool Off-Peak Calendar-Day Futures	Fut	Floor				0.02	USD	FRPL	0.02	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	ALP	Alberta Power Pool Peak Calendar-Day Futures	Fut	Electronic				0.2	USD	FRPL	0.2	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	ALP	Alberta Power Pool Peak Calendar-Day Futures	Fut	Floor				0.2	USD	FRPL	0.2	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	ALW	Australian Coking Coal (Platts) Low Vol Futures	Fut	Electronic				7	USD	FRPL	7	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	ALW	Australian Coking Coal (Platts) Low Vol Futures	Fut	Floor				7	USD	FRPL	7	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	AM	6 Month Brent Crude Oil Spread	Opt	Electronic				1.45	USD	FRPL	1.45	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	AM	6 Month Brent Crude Oil Spread	Opt	Floor				0.45	USD	FRPL	0.45	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	AN	NYISO Zone A Day-Ahead Peak Calendar-Day 2.5 MW Futures	Fut	Electronic				0.2	USD	FRPL	0.2	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	AN	NYISO Zone A Day-Ahead Peak Calendar-Day 2.5 MW Futures	Fut	Floor				0.2	USD	FRPL	0.2	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	AO	Light Sweet Crude Oil APO	Opt	Electronic				2.5	USD	FRPL	2.5	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	AO	Light Sweet Crude Oil APO	Opt	Floor				1.45	USD	FRPL	1.45	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	AOD	Alberta Power Pool Calendar Day Futures	Fut	Electronic				0.02	USD	FRPL	0.02	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	AOD	Alberta Power Pool Calendar Day Futures	Fut	Floor				0.02	USD	FRPL	0.02	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	AOM	Alberta Power Pool Calendar Month Futures	Fut	Electronic				0.02	USD	FRPL	0.02	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	AOM	Alberta Power Pool Calendar Month Futures	Fut	Floor				0.02	USD	FRPL	0.02	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	AOR	PJM AEP Dayton Hub Real Time Off Peak Calendar Day 2.5 MW	Fut	Electronic				0.01	USD	FRPL	0.01	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	AOR	PJM AEP Dayton Hub Real Time Off Peak Calendar Day 2.5 MW	Fut	Floor				0.01	USD	FRPL	0.01	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	APF	Alberta Power Pool Off-Peak Calendar-Month Futures	Fut	Electronic				0.02	USD	FRPL	0.02	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	APF	Alberta Power Pool Off-Peak Calendar-Month Futures	Fut	Floor				0.02	USD	FRPL	0.02	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	APP	Alberta Power Pool Peak Calendar-Month Futures	Fut	Electronic				0.2	USD	FRPL	0.2	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	APP	Alberta Power Pool Peak Calendar-Month Futures	Fut	Floor				0.2	USD	FRPL	0.2	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	AT	Heating Oil APO	Opt	Electronic				2.5	USD	FRPL	2.5	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	AT	Heating Oil APO	Opt	Floor				1.45	USD	FRPL	1.45	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	AV	European Union Allowance	Opt	Electronic				3	USD	FRPL	3	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	AW	Gulf Coast Unl 87 (Argus) Futures	Fut	Electronic				1.35	USD	FRPL	1.35	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	AW	Gulf Coast Unl 87 (Argus) Futures	Fut	Floor				1.35	USD	FRPL	1.35	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	AXP	Alberta Power Pool Extended Peak Calendar-Day Futures	Fut	Electronic				0.2	USD	FRPL	0.2	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	AXP	Alberta Power Pool Extended Peak Calendar-Day Futures	Fut	Floor				0.2	USD	FRPL	0.2	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	AY	WTS (Argus) Trade Month Futures	Fut	Electronic				1.35	USD	FRPL	1.35	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	AY	WTS (Argus) Trade Month Futures	Fut	Floor				1.35	USD	FRPL	1.35	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	AZ	12 Months Brent Crude Oil Sprd	Opt	Electronic				1.45	USD	FRPL	1.45	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	AZ	12 Months Brent Crude Oil Sprd	Opt	Floor				0.45	USD	FRPL	0.45	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	B0	Mont Belvieu LDH Propane (OPIS) Futures	Fut	Electronic				1.35	USD	FRPL	1.35	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	B0	Mont Belvieu LDH Propane (OPIS) Futures	Fut	Floor				1.35	USD	FRPL	1.35	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	B1	ULSD 10ppm Cargoes CIF NWE (Platts) BALMO Futures	Fut	Electronic				9	USD	FRPL	9	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	B1	ULSD 10ppm Cargoes CIF NWE (Platts) BALMO Futures	Fut	Floor				9	USD	FRPL	9	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	B2	Transco Zone 4 Natural Gas (Platts Gas Daily/Platts IFERC) Index Futures	Fut	Electronic				0.67	USD	FRPL	0.67	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	B2	Transco Zone 4 Natural Gas (Platts Gas Daily/Platts IFERC) Index Futures	Fut	Floor				0.67	USD	FRPL	0.67	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	B4	Algonquin City-Gates Natural Gas (Platts IFERC) Basis Futures	Fut	Electronic				0.67	USD	FRPL	0.67	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	B4	Algonquin City-Gates Natural Gas (Platts IFERC) Basis Futures	Fut	Floor				0.67	USD	FRPL	0.67	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	B6	PJM Northern Illinois Hub Real-Time Off-Peak Calendar-Month 5 MW Futures	Fut	Electronic				0.03	USD	FRPL	0.03	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	B6	PJM Northern Illinois Hub Real-Time Off-Peak Calendar-Month 5 MW Futures	Fut	Floor				0.03	USD	FRPL	0.03	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	B7	Gasoil 0.1 Cargoes CIF NWE (Platts) BALMO Futures	Fut	Electronic				9	USD	FRPL	9	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	B7	Gasoil 0.1 Cargoes CIF NWE (Platts) BALMO Futures	Fut	Floor				9	USD	FRPL	9	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	B8	Gasoil 0.1 Barges FOB Rdam (Platts) BALMO Futures	Fut	Electronic				9	USD	FRPL	9	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	B8	Gasoil 0.1 Barges FOB Rdam (Platts) BALMO Futures	Fut	Floor				9	USD	FRPL	9	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	BA	Brent APO	Opt	Electronic				1.45	USD	FRPL	1.45	0.2	USD	FRPL

Exch Code	Exch Desc	Comm Group	Prod Code	Product Desc	F/O	Platform	Trd Fee	Trd Fee Cur	Trd Fee Meth	Clr Fee	Clr Fee Cur	Clr Fee Meth	Fee Total	Brk Fee	Brk Fee Cur	Brk Fee Meth
NYMEX	New York Mercantile Exchange	Energy	BA	Brent APO	Opt	Floor				0.45	USD	FRPL	0.45	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	BB	Brent Crude Oil Penultimate Financial	Fut	Electronic				1.35	USD	FRPL	1.35	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	BBU	Diesel 10ppm Barges FOB Rdam (Platts) vs. ULSD 10ppm Cargoes CIF NWE (Platts) Futures	Fut	Electronic				9	USD	FRPL	9	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	BBU	Diesel 10ppm Barges FOB Rdam (Platts) vs. ULSD 10ppm Cargoes CIF NWE (Platts) Futures	Fut	Floor				9	USD	FRPL	9	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	BDA	Brent 25 Day APO	Opt	Electronic				1.45	USD	FRPL	1.45	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	BDA	Brent 25 Day APO	Opt	Floor				0.45	USD	FRPL	0.45	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	BDC	Brent 25-Day (Platts) Financial Futures	Fut	Electronic				1.35	USD	FRPL	1.35	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	BDC	Brent 25-Day (Platts) Financial Futures	Fut	Floor				1.35	USD	FRPL	1.35	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	BDE	Brent 25 Day European	Opt	Electronic				1.45	USD	FRPL	1.45	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	BDE	Brent 25 Day European	Opt	Floor				0.45	USD	FRPL	0.45	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	BDO	Brent 25 Day (Platts) Crude Oil	Opt	Electronic				1.45	USD	FRPL	1.45	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	BDO	Brent 25 Day (Platts) Crude Oil	Opt	Floor				0.45	USD	FRPL	0.45	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	BE	Brent Crude Oil European Financial Option	Opt	Electronic				1.45	USD	FRPL	1.45	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	BE	Brent Crude Oil European Financial Option	Opt	Floor				0.45	USD	FRPL	0.45	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	BFR	RME Biodiesel FOB Rdam (Argus) (RED Compliant) vs. Gasoil Futures	Fut	Electronic				2.7	USD	FRPL	2.7	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	BFR	RME Biodiesel FOB Rdam (Argus) (RED Compliant) vs. Gasoil Futures	Fut	Floor				2.7	USD	FRPL	2.7	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	BG	European Gasoil Bullet Futures	Fut	Electronic				9	USD	FRPL	9	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	BG	European Gasoil Bullet Futures	Fut	Floor				9	USD	FRPL	9	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	BH	Heating Oil Bullet Futures	Fut	Electronic				1.45	USD	FRPL	1.45	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	BH	Heating Oil Bullet Futures	Fut	Floor				1.45	USD	FRPL	1.45	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	BI	Dubai Crude Oil (Platts) BALMO Futures	Fut	Electronic				1.25	USD	FRPL	1.25	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	BI	Dubai Crude Oil (Platts) BALMO Futures	Fut	Floor				2.7	USD	FRPL	2.7	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	BK	WTI-Brent Financial Futures	Fut	Electronic				2.7	USD	FRPL	2.7	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	BK	WTI-Brent Financial Futures	Fut	Floor				2.7	USD	FRPL	2.7	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	BOB	3.5% Fuel Oil Barges FOB Rdam (Platts) Crack Spread (1000mt) Futures	Fut	Electronic				9	USD	FRPL	9	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	BOB	3.5% Fuel Oil Barges FOB Rdam (Platts) Crack Spread (1000mt) Futures	Fut	Floor				9	USD	FRPL	9	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	BPC	Brent Option on Calendar Futures Strip	Opt	Electronic				7	USD	FRPL	7	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	BQP	Brent Option on Quarterly Futures Strip	Opt	Electronic				1.45	USD	FRPL	1.45	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	BQP	Brent Option on Quarterly Futures Strip	Opt	Floor				0.45	USD	FRPL	0.45	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	BS	Singapore Fuel Oil 180 cst (Platts) BALMO Futures	Fut	Electronic				9	USD	FRPL	9	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	BS	Singapore Fuel Oil 180 cst (Platts) BALMO Futures	Fut	Floor				20	USD	FRPL	20	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	BSG	ICE Brent (Singapore Marker) vs. DME Oman rude Oil Swap	Fut	Electronic				1.25	USD	FRPL	1.25	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	BSG	ICE Brent (Singapore Marker) vs. DME Oman rude Oil Swap	Fut	Floor				1.35	USD	FRPL	1.35	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	BT	Singapore Fuel Oil 380 cst (Platts) BALMO Futures	Fut	Electronic				9	USD	FRPL	9	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	BT	Singapore Fuel Oil 380 cst (Platts) BALMO Futures	Fut	Floor				20	USD	FRPL	20	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Metal	BUS	US Midwest 1 Busheling Ferrous Scrap (AMM)	Fut	Electronic				5	USD	FRPL	5	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	BV	WTI-Brent Crude Oil Spread	Opt	Electronic				1.45	USD	FRPL	1.45	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	BV	WTI-Brent Crude Oil Spread	Opt	Floor				0.45	USD	FRPL	0.45	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	BX	Singapore Jet Kerosene (Platts) BALMO Futures	Fut	Electronic				1.25	USD	FRPL	1.25	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	BX	Singapore Jet Kerosene (Platts) BALMO Futures	Fut	Floor				2.7	USD	FRPL	2.7	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	BY	WTI-Brent Bullet Futures	Fut	Electronic				2.7	USD	FRPL	2.7	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	BY	WTI-Brent Bullet Futures	Fut	Floor				2.7	USD	FRPL	2.7	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	BZ	Brent Crude Oil - Last Day	Fut	Electronic				0.75	USD	FRPL	0.75	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	BZ	Brent Crude Oil - Last Day	Fut	Floor				0.75	USD	FRPL	0.75	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	C0	Mont Belvieu Ethane (OPIS) Futures	Fut	Electronic				1.35	USD	FRPL	1.35	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	C0	Mont Belvieu Ethane (OPIS) Futures	Fut	Floor				1.35	USD	FRPL	1.35	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	C01	Short Term Crude Oil Calendar Day 1	Opt	Electronic				2.5	USD	FRPL	2.5	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	C01	Short Term Crude Oil Calendar Day 1	Opt	Floor				1.45	USD	FRPL	1.45	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	C02	Short Term Crude Oil Calendar Day 2	Opt	Electronic				2.5	USD	FRPL	2.5	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	C02	Short Term Crude Oil Calendar Day 2	Opt	Floor				1.45	USD	FRPL	1.45	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	C03	Short Term Crude Oil Calendar Day 3	Opt	Electronic				2.5	USD	FRPL	2.5	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	C03	Short Term Crude Oil Calendar Day 3	Opt	Floor				1.45	USD	FRPL	1.45	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	C04	Short Term Crude Oil Calendar Day 4	Opt	Electronic				2.5	USD	FRPL	2.5	0.2	USD	FRPL

Exch Code	Exch Desc	Comm Group	Prod Code	Product Desc	F/O	Platform	Trd Fee	Trd Fee Cur	Trd Fee Meth	Clr Fee	Clr Fee Cur	Clr Fee Meth	Fee Total	Brk Fee	Brk Fee Cur	Brk Fee Meth
NYMEX	New York Mercantile Exchange	Energy	C04	Short Term Crude Oil Calendar Day 4	Opt	Floor				1.45	USD	FRPL	1.45	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	C05	Short Term Crude Oil Calendar Day 5	Opt	Electronic				2.5	USD	FRPL	2.5	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	C05	Short Term Crude Oil Calendar Day 5	Opt	Floor				1.45	USD	FRPL	1.45	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	C06	Short Term Crude Oil Calendar Day 6	Opt	Electronic				2.5	USD	FRPL	2.5	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	C06	Short Term Crude Oil Calendar Day 6	Opt	Floor				1.45	USD	FRPL	1.45	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	C07	Short Term Crude Oil Calendar Day 7	Opt	Electronic				2.5	USD	FRPL	2.5	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	C07	Short Term Crude Oil Calendar Day 7	Opt	Floor				1.45	USD	FRPL	1.45	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	C08	Short Term Crude Oil Calendar Day 8	Opt	Electronic				2.5	USD	FRPL	2.5	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	C08	Short Term Crude Oil Calendar Day 8	Opt	Floor				1.45	USD	FRPL	1.45	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	C09	Short Term Crude Oil Calendar Day 9	Opt	Electronic				2.5	USD	FRPL	2.5	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	C09	Short Term Crude Oil Calendar Day 9	Opt	Floor				1.45	USD	FRPL	1.45	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	C1	Central Appalachian Coal	Opt	Electronic				5	USD	FRPL	5	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	C1	Central Appalachian Coal	Opt	Floor				2.9	USD	FRPL	2.9	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	C10	Short Term Crude Oil Calendar Day 10	Opt	Electronic				2.5	USD	FRPL	2.5	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	C10	Short Term Crude Oil Calendar Day 10	Opt	Floor				1.45	USD	FRPL	1.45	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	C11	Short Term Crude Oil Calendar Day 11	Opt	Electronic				2.5	USD	FRPL	2.5	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	C11	Short Term Crude Oil Calendar Day 11	Opt	Floor				1.45	USD	FRPL	1.45	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	C12	Short Term Crude Oil Calendar Day 12	Opt	Electronic				2.5	USD	FRPL	2.5	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	C12	Short Term Crude Oil Calendar Day 12	Opt	Floor				1.45	USD	FRPL	1.45	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	C13	Short Term Crude Oil Calendar Day 13	Opt	Electronic				2.5	USD	FRPL	2.5	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	C13	Short Term Crude Oil Calendar Day 13	Opt	Floor				1.45	USD	FRPL	1.45	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	C14	Short Term Crude Oil Calendar Day 14	Opt	Electronic				2.5	USD	FRPL	2.5	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	C14	Short Term Crude Oil Calendar Day 14	Opt	Floor				1.45	USD	FRPL	1.45	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	C15	Short Term Crude Oil Calendar Day 15	Opt	Electronic				2.5	USD	FRPL	2.5	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	C15	Short Term Crude Oil Calendar Day 15	Opt	Floor				1.45	USD	FRPL	1.45	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	C16	Short Term Crude Oil Calendar Day 16	Opt	Electronic				2.5	USD	FRPL	2.5	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	C16	Short Term Crude Oil Calendar Day 16	Opt	Floor				1.45	USD	FRPL	1.45	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	C17	Short Term Crude Oil Calendar Day 17	Opt	Electronic				2.5	USD	FRPL	2.5	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	C17	Short Term Crude Oil Calendar Day 17	Opt	Floor				1.45	USD	FRPL	1.45	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	C18	Short Term Crude Oil Calendar Day 18	Opt	Electronic				2.5	USD	FRPL	2.5	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	C18	Short Term Crude Oil Calendar Day 18	Opt	Floor				1.45	USD	FRPL	1.45	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	C19	Short Term Crude Oil Calendar Day 19	Opt	Electronic				2.5	USD	FRPL	2.5	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	C19	Short Term Crude Oil Calendar Day 19	Opt	Floor				1.45	USD	FRPL	1.45	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	C2	Texas Eastern, WLA Natural Gas (Platts Gas Daily/Platts IFERC) Index Futures	Fut	Electronic				0.67	USD	FRPL	0.67	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	C2	Texas Eastern, WLA Natural Gas (Platts Gas Daily/Platts IFERC) Index Futures	Fut	Floor				0.67	USD	FRPL	0.67	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	C20	Short Term Crude Oil Calendar Day 20	Opt	Electronic				2.5	USD	FRPL	2.5	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	C20	Short Term Crude Oil Calendar Day 20	Opt	Floor				1.45	USD	FRPL	1.45	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	C21	Short Term Crude Oil Calendar Day 21	Opt	Electronic				2.5	USD	FRPL	2.5	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	C21	Short Term Crude Oil Calendar Day 21	Opt	Floor				1.45	USD	FRPL	1.45	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	C22	Short Term Crude Oil Calendar Day 22	Opt	Electronic				2.5	USD	FRPL	2.5	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	C22	Short Term Crude Oil Calendar Day 22	Opt	Floor				1.45	USD	FRPL	1.45	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	C23	Short Term Crude Oil Calendar Day 23	Opt	Electronic				2.5	USD	FRPL	2.5	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	C23	Short Term Crude Oil Calendar Day 23	Opt	Floor				1.45	USD	FRPL	1.45	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	C24	Short Term Crude Oil Calendar Day 24	Opt	Electronic				2.5	USD	FRPL	2.5	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	C24	Short Term Crude Oil Calendar Day 24	Opt	Floor				1.45	USD	FRPL	1.45	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	C25	Short Term Crude Oil Calendar Day 25	Opt	Electronic				2.5	USD	FRPL	2.5	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	C25	Short Term Crude Oil Calendar Day 25	Opt	Floor				1.45	USD	FRPL	1.45	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	C26	Short Term Crude Oil Calendar Day 26	Opt	Electronic				2.5	USD	FRPL	2.5	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	C26	Short Term Crude Oil Calendar Day 26	Opt	Floor				1.45	USD	FRPL	1.45	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	C27	Short Term Crude Oil Calendar Day 27	Opt	Electronic				2.5	USD	FRPL	2.5	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	C27	Short Term Crude Oil Calendar Day 27	Opt	Floor				1.45	USD	FRPL	1.45	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	C28	Short Term Crude Oil Calendar Day 28	Opt	Electronic				2.5	USD	FRPL	2.5	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	C28	Short Term Crude Oil Calendar Day 28	Opt	Floor				1.45	USD	FRPL	1.45	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	C29	Short Term Crude Oil Calendar Day 29	Opt	Electronic				2.5	USD	FRPL	2.5	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	C29	Short Term Crude Oil Calendar Day 29	Opt	Floor				1.45	USD	FRPL	1.45	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	C3	Florida Gas, Zone 2 Natural Gas (Platts Gas Daily/Platts IFERC) Index Futures	Fut	Electronic				0.67	USD	FRPL	0.67	0.2	USD	FRPL

Exch Code	Exch Desc	Comm Group	Prod Code	Product Desc	F/O	Platform	Trd Fee	Trd Fee Cur	Trd Fee Meth	Clr Fee	Clr Fee Cur	Clr Fee Meth	Fee Total	Brk Fee	Brk Fee Cur	Brk Fee Meth
NYMEX	New York Mercantile Exchange	Energy	C3	Florida Gas, Zone 2 Natural Gas (Platts Gas Daily/Platts IFERC) Index Futures	Fut	Floor				0.67	USD	FRPL	0.67	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	C30	Short Term Crude Oil Calendar Day 30	Opt	Electronic				2.5	USD	FRPL	2.5	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	C30	Short Term Crude Oil Calendar Day 30	Opt	Floor				1.45	USD	FRPL	1.45	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	C31	Short Term Crude Oil Calendar Day 31	Opt	Electronic				2.5	USD	FRPL	2.5	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	C31	Short Term Crude Oil Calendar Day 31	Opt	Floor				1.45	USD	FRPL	1.45	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	C3D	Daily Mont Belvieu LDH Propane (OPIS) Futures	Fut	Electronic				1.35	USD	FRPL	1.35	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	C3D	Daily Mont Belvieu LDH Propane (OPIS) Futures	Fut	Floor				1.35	USD	FRPL	1.35	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	C4	Transco Zone 1 Natural Gas (Platts Gas Daily/Platts IFERC) Index Futures	Fut	Electronic				0.67	USD	FRPL	0.67	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	C4	Transco Zone 1 Natural Gas (Platts Gas Daily/Platts IFERC) Index Futures	Fut	Floor				0.67	USD	FRPL	0.67	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	C4D	Daily Mont Belvieu Normal Butane (Non-LDH) (OPIS) Futures	Fut	Electronic				1.35	USD	FRPL	1.35	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	C4D	Daily Mont Belvieu Normal Butane (Non-LDH) (OPIS) Futures	Fut	Floor				1.35	USD	FRPL	1.35	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	C5	Singapore Fuel Oil 180 cst APO	Opt	Electronic				9	USD	FRPL	9	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	C5	Singapore Fuel Oil 180 cst APO	Opt	Floor				9	USD	FRPL	9	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	C5D	Daily Mont Belvieu Natural Gasoline (Non-LDH) (OPIS) Futures	Fut	Electronic				1.35	USD	FRPL	1.35	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	C5D	Daily Mont Belvieu Natural Gasoline (Non-LDH) (OPIS) Futures	Fut	Floor				1.35	USD	FRPL	1.35	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	C6	Questar Natural Gas (Platts Gas Daily) Swing Futures	Fut	Electronic				0.67	USD	FRPL	0.67	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	C6	Questar Natural Gas (Platts Gas Daily) Swing Futures	Fut	Floor				0.67	USD	FRPL	0.67	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	C7	OneOk, Oklahoma Natural Gas (Platts Gas Daily/Platts IFERC) Index Futures	Fut	Electronic				0.67	USD	FRPL	0.67	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	C7	OneOk, Oklahoma Natural Gas (Platts Gas Daily/Platts IFERC) Index Futures	Fut	Floor				0.67	USD	FRPL	0.67	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	C8	Algonquin City-Gates Natural Gas (Platts Gas Daily) Swing Futures	Fut	Electronic				0.67	USD	FRPL	0.67	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	C8	Algonquin City-Gates Natural Gas (Platts Gas Daily) Swing Futures	Fut	Floor				0.67	USD	FRPL	0.67	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	C9	Southern Star, Tx.-Okla.-Kan. Natural Gas (Platts Gas Daily/Platts IFERC) Index Futures	Fut	Electronic				0.67	USD	FRPL	0.67	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	C9	Southern Star, Tx.-Okla.-Kan. Natural Gas (Platts Gas Daily/Platts IFERC) Index Futures	Fut	Floor				0.67	USD	FRPL	0.67	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	CAO	California Carbon Allowance	Opt	Electronic				3	USD	FRPL	3	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	CBA	Gulf Coast CBOB Gasoline A1 (Platts) vs. RBOB Gasoline Futures	Fut	Electronic				1.35	USD	FRPL	1.35	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	CBA	Gulf Coast CBOB Gasoline A1 (Platts) vs. RBOB Gasoline Futures	Fut	Floor				1.35	USD	FRPL	1.35	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	CBB	Conway Normal Butane (OPIS) BALMO Futures	Fut	Electronic				2.7	USD	FRPL	2.7	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	CBB	Conway Normal Butane (OPIS) BALMO Futures	Fut	Floor				2.7	USD	FRPL	2.7	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	CBC	Gulf Coast CBOB Gasoline A1 (Platts) Crack Spread Futures	Fut	Electronic				1.35	USD	FRPL	1.35	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	CBC	Gulf Coast CBOB Gasoline A1 (Platts) Crack Spread Futures	Fut	Floor				1.35	USD	FRPL	1.35	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	CBO	Gulf Coast CBOB Gasoline A1 (Platts) Futures	Fut	Electronic				1.35	USD	FRPL	1.35	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	CBO	Gulf Coast CBOB Gasoline A1 (Platts) Futures	Fut	Floor				1.35	USD	FRPL	1.35	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	CCA	California Carbon Allowance	Fut	Electronic				3	USD	FRPL	3	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	CD	Daily Crude Oil	Opt	Electronic				2.5	USD	FRPL	2.5	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	CD	Daily Crude Oil	Opt	Floor				1.45	USD	FRPL	1.45	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	CE	ISO New England Mass Hub Day-Ahead Peak Calendar-Day 2.5 MW Futures	Fut	Electronic				0.2	USD	FRPL	0.2	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	CE	ISO New England Mass Hub Day-Ahead Peak Calendar-Day 2.5 MW Futures	Fut	Floor				0.2	USD	FRPL	0.2	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	CF	Gulf Coast ULSD (Argus) Crack Spread Futures	Fut	Electronic				2.7	USD	FRPL	2.7	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	CF	Gulf Coast ULSD (Argus) Crack Spread Futures	Fut	Floor				2.7	USD	FRPL	2.7	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	CFA	Brent CFD (Platts) vs. Brent Front Month (Platts) Weekly Futures	Fut	Electronic				1.25	USD	FRPL	1.25	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	CFA	Brent CFD (Platts) vs. Brent Front Month (Platts) Weekly Futures	Fut	Floor				1.25	USD	FRPL	1.25	0.2	USD	FRPL

Exch Code	Exch Desc	Comm Group	Prod Code	Product Desc	F/O	Platform	Trd Fee	Trd Fee Cur	Trd Fee Meth	Clr Fee	Clr Fee Cur	Clr Fee Meth	Fee Total	Brk Fee	Brk Fee Cur	Brk Fee Meth
NYMEX	New York Mercantile Exchange	Energy	CFB	Brent CFD (Platts) vs. Brent Second Month (Platts) Weekly Futures	Fut	Electronic				1.25	USD	FRPL	1.25	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	CFB	Brent CFD (Platts) vs. Brent Second Month (Platts) Weekly Futures	Fut	Floor				1.25	USD	FRPL	1.25	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	CFC	Brent CFD (Platts) vs. Brent Third Month (Platts) Weekly Futures	Fut	Electronic				1.25	USD	FRPL	1.25	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	CFC	Brent CFD (Platts) vs. Brent Third Month (Platts) Weekly Futures	Fut	Floor				1.25	USD	FRPL	1.25	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	CFS	Columbia GAs TCO (Platts IFERC) Fixed Price Swap	Fut	Electronic				0.67	USD	FRPL	0.67	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	CFS	Columbia GAs TCO (Platts IFERC) Fixed Price Swap	Fut	Floor				0.67	USD	FRPL	0.67	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Other	CFU	Capesize Timecharter Average (Baltic) Futures	Fut	Electronic				12	USD	FRPL	12	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Other	CFU	Capesize Timecharter Average (Baltic) Futures	Fut	Floor				12	USD	FRPL	12	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	CGB	Conway Natural Gasoline (OPIS) BALMO Futures	Fut	Electronic				2.7	USD	FRPL	2.7	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	CGB	Conway Natural Gasoline (OPIS) BALMO Futures	Fut	Floor				2.7	USD	FRPL	2.7	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	CH	Heating Oil-Crude Oil Crack Spread	Opt	Electronic				1.45	USD	FRPL	1.45	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	CH	Heating Oil-Crude Oil Crack Spread	Opt	Floor				1.45	USD	FRPL	1.45	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	CI	CIG Rockies Natural Gas (Platts IFERC) Basis Futures	Fut	Electronic				0.67	USD	FRPL	0.67	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	CI	CIG Rockies Natural Gas (Platts IFERC) Basis Futures	Fut	Floor				0.67	USD	FRPL	0.67	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Soft	CJ	Cocoa	Fut	Electronic				1.45	USD	FRPL	1.45	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	CK	Gulf Coast Unl 87 (Argus) Crack Spread Futures	Fut	Electronic				2.7	USD	FRPL	2.7	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	CK	Gulf Coast Unl 87 (Argus) Crack Spread Futures	Fut	Floor				2.7	USD	FRPL	2.7	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	CL	Light Sweet Crude Oil	Fut	Electronic				1.45	USD	FRPL	1.45	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	CL	Light Sweet Crude Oil	Fut	Floor				1.45	USD	FRPL	1.45	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	CLA	Coal (API 2) cif ARA (ARGUS-McCloskey) option on Calendar Futures Strip	Opt	Electronic				18	USD	FRPL	18	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	CLA	Coal (API 2) cif ARA (ARGUS-McCloskey) option on Calendar Futures Strip	Opt	Floor				18	USD	FRPL	18	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	CO	Climate Action Reserve Tons	Opt	Electronic				2.5	USD	FRPL	2.5	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	CPB	Conway Propane (OPIS) BALMO Futures	Fut	Electronic				2.7	USD	FRPL	2.7	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	CPB	Conway Propane (OPIS) BALMO Futures	Fut	Floor				2.7	USD	FRPL	2.7	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	CPE	Certified Emission Reduction Plus (CERPlus) Serial Option	Opt	Electronic				3	USD	FRPL	3	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	CPF	CSX Coal (Platts OTC Broker Index) Option on Quarterly Futures Strip	Opt	Electronic				11.25	USD	FRPL	11.25	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	CPF	CSX Coal (Platts OTC Broker Index) Option on Quarterly Futures Strip	Opt	Floor				11.25	USD	FRPL	11.25	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	CPL	CERplus	Fut	Electronic				3	USD	FRPL	3	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	CPP	Conway Physical Propane (OPIS)	Fut	Electronic				1.35	USD	FRPL	1.35	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	CPP	Conway Physical Propane (OPIS)	Fut	Floor				1.35	USD	FRPL	1.35	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	CPR	Conway Propane (OPIS) Average Price Option	Opt	Electronic				2.5	USD	FRPL	2.5	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	CPR	Conway Propane (OPIS) Average Price Option	Opt	Floor				2.5	USD	FRPL	2.5	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	CQA	Coal (API 2) cif ARA (ARGUS-McCloskey) option on Quarterly Futures Strip	Opt	Electronic				4.5	USD	FRPL	4.5	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	CQA	Coal (API 2) cif ARA (ARGUS-McCloskey) option on Quarterly Futures Strip	Opt	Floor				4.5	USD	FRPL	4.5	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	CR	Climate Action Reserve Tons	Fut	Electronic				2.5	USD	FRPL	2.5	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	CRB	Gulf Coast CBOB Gasoline A2 (Platts) vs. RBOB Gasoline Futures	Fut	Electronic				1.35	USD	FRPL	1.35	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	CRB	Gulf Coast CBOB Gasoline A2 (Platts) vs. RBOB Gasoline Futures	Fut	Floor				1.35	USD	FRPL	1.35	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	CRG	Gulf Coast CBOB Gasoline A2 (Platts) Futures	Fut	Electronic				1.35	USD	FRPL	1.35	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	CRG	Gulf Coast CBOB Gasoline A2 (Platts) Futures	Fut	Floor				1.35	USD	FRPL	1.35	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	CS	WTI Financial Futures	Fut	Electronic				1.35	USD	FRPL	1.35	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	CS	WTI Financial Futures	Fut	Floor				1.35	USD	FRPL	1.35	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Other	CSF	Mini Capesize Timecharter Average (Baltic) Futures	Fut	Electronic				3	USD	FRPL	3	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Other	CSF	Mini Capesize Timecharter Average (Baltic) Futures	Fut	Floor				3	USD	FRPL	3	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	CSN	Canadian Sweet Synthetic Oil Index (Net Energy) Futures	Fut	Electronic				2.5	USD	FRPL	2.5	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	CSN	Canadian Sweet Synthetic Oil Index (Net Energy) Futures	Fut	Floor				2.5	USD	FRPL	2.5	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	CSZ	CAISO SP15 EZ Gen Hub 5 MW Peak Calendar-Month Day-Ahead LMP Option	Opt	Electronic				0.4	USD	FRPL	0.4	0.2	USD	FRPL

Exch Code	Exch Desc	Comm Group	Prod Code	Product Desc	F/O	Platform	Trd Fee	Trd Fee Cur	Trd Fee Meth	Clr Fee	Clr Fee Cur	Clr Fee Meth	Fee Total	Brk Fee	Brk Fee Cur	Brk Fee Meth
NYMEX	New York Mercantile Exchange	Energy	CSZ	CAISO SP15 EZ Gen Hub 5 MW Peak Calendar-Month Day-Ahead LMP Option	Opt	Floor				0.4	USD	FRPL	0.4	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	CU	Chicago Ethanol (Platts) Futures	Fut	Electronic				1.35	USD	FRPL	1.35	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	CU	Chicago Ethanol (Platts) Futures	Fut	Floor				1.35	USD	FRPL	1.35	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Index	CVF	Crude Oil Volatility Index (VIX)	Fut	Electronic				2	USD	FRPL	2	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Index	CVP	Crude Oil Volatility Index (VIX)	Opt	Electronic				2.5	USD	FRPL	2.5	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	CVR	Chicago Ethanol (Platts) Average Price Option	Opt	Electronic				1.45	USD	FRPL	1.45	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	CVR	Chicago Ethanol (Platts) Average Price Option	Opt	Floor				1.45	USD	FRPL	1.45	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	CW	PG&E Citygate Natural Gas (Platts IFERC) "Pipe" Option	Opt	Electronic				0.63	USD	FRPL	0.63	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	CW	PG&E Citygate Natural Gas (Platts IFERC) "Pipe" Option	Opt	Floor				0.63	USD	FRPL	0.63	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	CY	Brent Financial Futures	Fut	Electronic				1.35	USD	FRPL	1.35	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	CY	Brent Financial Futures	Fut	Floor				1.35	USD	FRPL	1.35	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	CZ	Transco Zone 3 Natural Gas (Platts IFERC) Basis Futures	Fut	Electronic				0.67	USD	FRPL	0.67	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	CZ	Transco Zone 3 Natural Gas (Platts IFERC) Basis Futures	Fut	Floor				0.67	USD	FRPL	0.67	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	D0	Mont Belvieu Normal Butane (OPIS) Futures	Fut	Electronic				1.35	USD	FRPL	1.35	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	D0	Mont Belvieu Normal Butane (OPIS) Futures	Fut	Floor				1.35	USD	FRPL	1.35	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	D2	NYISO Zone G Day-Ahead Off-Peak Calendar-Month 5 MW Futures	Fut	Electronic				0.03	USD	FRPL	0.03	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	D2	NYISO Zone G Day-Ahead Off-Peak Calendar-Month 5 MW Futures	Fut	Floor				0.03	USD	FRPL	0.03	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	D3	NYISO Zone J Day-Ahead Peak Calendar-Month 5 MW Futures	Fut	Electronic				0.4	USD	FRPL	0.4	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	D3	NYISO Zone J Day-Ahead Peak Calendar-Month 5 MW Futures	Fut	Floor				0.4	USD	FRPL	0.4	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	D4	NYISO Zone J Day-Ahead Off-Peak Calendar-Month 5 MW Futures	Fut	Electronic				0.03	USD	FRPL	0.03	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	D4	NYISO Zone J Day-Ahead Off-Peak Calendar-Month 5 MW Futures	Fut	Floor				0.03	USD	FRPL	0.03	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	D5	PJM Duquesne Zone 5 MW Peak Calendar-Month Day-Ahead LMP Futures	Fut	Electronic				0.4	USD	FRPL	0.4	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	D5	PJM Duquesne Zone 5 MW Peak Calendar-Month Day-Ahead LMP Futures	Fut	Floor				0.4	USD	FRPL	0.4	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	D6	PJM Duquesne Zone 5 MW Off-Peak Calendar-Month Day-Ahead LMP Futures	Fut	Electronic				0.03	USD	FRPL	0.03	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	D6	PJM Duquesne Zone 5 MW Off-Peak Calendar-Month Day-Ahead LMP Futures	Fut	Floor				0.03	USD	FRPL	0.03	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	D7	PJM AEP Dayton Hub Day-Ahead LMP Peak Calendar-Month 5 MW Futures	Fut	Electronic				0.4	USD	FRPL	0.4	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	D7	PJM AEP Dayton Hub Day-Ahead LMP Peak Calendar-Month 5 MW Futures	Fut	Floor				0.4	USD	FRPL	0.4	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	D8	PJM ComEd Zone 5 MW Peak Calendar-Month Day-Ahead LMP Futures	Fut	Electronic				0.4	USD	FRPL	0.4	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	D8	PJM ComEd Zone 5 MW Peak Calendar-Month Day-Ahead LMP Futures	Fut	Floor				0.4	USD	FRPL	0.4	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	D9	PJM ComEd Zone 5 MW Off-Peak Calendar-Month Day-Ahead LMP Futures	Fut	Electronic				0.03	USD	FRPL	0.03	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	D9	PJM ComEd Zone 5 MW Off-Peak Calendar-Month Day-Ahead LMP Futures	Fut	Floor				0.03	USD	FRPL	0.03	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	DAP	EIA Flat Tax On-Highway Diesel Average Price Option	Opt	Electronic				1.5	USD	FRPL	1.5	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	DAP	EIA Flat Tax On-Highway Diesel Average Price Option	Opt	Floor				1.5	USD	FRPL	1.5	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	DB	Brent Crude Oil vs. Dubai Crude Oil (Platts) Futures	Fut	Electronic				1.25	USD	FRPL	1.25	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	DB	Brent Crude Oil vs. Dubai Crude Oil (Platts) Futures	Fut	Floor				2.7	USD	FRPL	2.7	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	DBB	Dated Brent (Platts) BALMO Futures	Fut	Electronic				1.25	USD	FRPL	1.25	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	DBB	Dated Brent (Platts) BALMO Futures	Fut	Floor				1.25	USD	FRPL	1.25	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	DBO	DME Oman Crude Oil vs. ICE Brent Swap	Fut	Electronic				1.25	USD	FRPL	1.25	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	DBO	DME Oman Crude Oil vs. ICE Brent Swap	Fut	Floor				1.35	USD	FRPL	1.35	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	DBP	Dated Brent (Platts) Average Price Option	Opt	Electronic				1.45	USD	FRPL	1.45	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	DBP	Dated Brent (Platts) Average Price Option	Opt	Floor				0.45	USD	FRPL	0.45	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	DC	Dubai Crude Oil (Platts) Financial Futures	Fut	Electronic				1.25	USD	FRPL	1.25	0.2	USD	FRPL

Exch Code	Exch Desc	Comm Group	Prod Code	Product Desc	F/O	Platform	Trd Fee	Trd Fee Cur	Trd Fee Meth	Clr Fee	Clr Fee Cur	Clr Fee Meth	Fee Total	Brk Fee	Brk Fee Cur	Brk Fee Meth
NYMEX	New York Mercantile Exchange	Energy	DC	Dubai Crude Oil (Platts) Financial Futures	Fut	Floor				1.35	USD	FRPL	1.35	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	DCL	Daily WTI Financial Futures	Fut	Electronic				1.35	USD	FRPL	1.35	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	DCL	Daily WTI Financial Futures	Fut	Floor				1.35	USD	FRPL	1.35	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	DI	Demarc Natural Gas (Platts Gas Daily/Platts IFERC) Index Futures	Fut	Electronic				0.67	USD	FRPL	0.67	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	DI	Demarc Natural Gas (Platts Gas Daily/Platts IFERC) Index Futures	Fut	Floor				0.67	USD	FRPL	0.67	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	DMO	Dow Jones Mead/Marketplace Electricity Price Index 5 MW Off-Peak Futures	Fut	Electronic				0.02	USD	FRPL	0.02	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	DMO	Dow Jones Mead/Marketplace Electricity Price Index 5 MW Off-Peak Futures	Fut	Floor				0.02	USD	FRPL	0.02	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	DMP	Dow Jones Mead/Marketplace Electricity Price Index 5 MW Peak Futures	Fut	Electronic				0.2	USD	FRPL	0.2	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	DMP	Dow Jones Mead/Marketplace Electricity Price Index 5 MW Peak Futures	Fut	Floor				0.2	USD	FRPL	0.2	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	DNB	Singapore Mogas 92 Unleaded (Platts) vs. DME Oman Crude Oil Swap	Fut	Electronic				1.25	USD	FRPL	1.25	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	DNB	Singapore Mogas 92 Unleaded (Platts) vs. DME Oman Crude Oil Swap	Fut	Floor				1.35	USD	FRPL	1.35	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	DNM	Daily Crude Oil Calendar Spread one-month spread	Opt	Electronic				2.5	USD	FRPL	2.5	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	DNM	Daily Crude Oil Calendar Spread one-month spread	Opt	Floor				1.45	USD	FRPL	1.45	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	DO	Dow Jones Mid-Columbia Electricity Price Index Futures	Fut	Electronic				4.8	USD	FRPL	4.8	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	DO	Dow Jones Mid-Columbia Electricity Price Index Futures	Fut	Floor				4.8	USD	FRPL	4.8	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	DOA	DME Oman Crude Oil Average Price Option	Opt	Electronic				1.25	USD	FRPL	1.25	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	DOA	DME Oman Crude Oil Average Price Option	Opt	Floor				1.35	USD	FRPL	1.35	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	DOB	DME Oman Crude Oil BALMO Swap	Fut	Electronic				1.25	USD	FRPL	1.25	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	DOB	DME Oman Crude Oil BALMO Swap	Fut	Floor				1.35	USD	FRPL	1.35	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	DOD	PJM ATSI Zone 5 MW Off-Peak Calendar-Day Day-Ahead Futures	Fut	Electronic				0.03	USD	FRPL	0.03	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	DOD	PJM ATSI Zone 5 MW Off-Peak Calendar-Day Day-Ahead Futures	Fut	Floor				0.03	USD	FRPL	0.03	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	DOO	DME Oman Crude Oil Swap	Fut	Electronic				1.25	USD	FRPL	1.25	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	DOO	DME Oman Crude Oil Swap	Fut	Floor				1.35	USD	FRPL	1.35	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	DOR	PJM ATSI Zone 5 MW Off-Peak Calendar-Day Real-Time Futures	Fut	Electronic				0.03	USD	FRPL	0.03	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	DOR	PJM ATSI Zone 5 MW Off-Peak Calendar-Day Real-Time Futures	Fut	Floor				0.03	USD	FRPL	0.03	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	DPD	PJM ATSI Zone 5 MW Peak Calendar-Day Day-Ahead Futures	Fut	Electronic				0.4	USD	FRPL	0.4	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	DPD	PJM ATSI Zone 5 MW Peak Calendar-Day Day-Ahead Futures	Fut	Floor				0.4	USD	FRPL	0.4	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	DPO	DME Oman Crude Oil vs. Dubai (Platts) Swap	Fut	Electronic				1.25	USD	FRPL	1.25	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	DPO	DME Oman Crude Oil vs. Dubai (Platts) Swap	Fut	Floor				1.35	USD	FRPL	1.35	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	DPR	PJM ATSI Zone 5 MW Peak Calendar-Day Real-Time Futures	Fut	Electronic				0.4	USD	FRPL	0.4	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	DPR	PJM ATSI Zone 5 MW Peak Calendar-Day Real-Time Futures	Fut	Floor				0.4	USD	FRPL	0.4	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	DRK	Singapore Jet Kerosene (Platts) vs. DME Oman Crude Oil Swap	Fut	Electronic				1.25	USD	FRPL	1.25	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	DRK	Singapore Jet Kerosene (Platts) vs. DME Oman Crude Oil Swap	Fut	Floor				1.25	USD	FRPL	1.25	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	DSF	Dominion (Platts IFERC) Fixed price Swap	Fut	Electronic				0.67	USD	FRPL	0.67	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	DSF	Dominion (Platts IFERC) Fixed price Swap	Fut	Floor				0.67	USD	FRPL	0.67	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	DSO	Dow Jones Palo Verde Electricity Price Index 5 MW Off-Peak Futures	Fut	Electronic				0.02	USD	FRPL	0.02	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	DSO	Dow Jones Palo Verde Electricity Price Index 5 MW Off-Peak Futures	Fut	Floor				0.02	USD	FRPL	0.02	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	DSP	Dow Jones Palo Verde Electricity Price Index 5 MW Peak Futures	Fut	Electronic				0.2	USD	FRPL	0.2	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	DSP	Dow Jones Palo Verde Electricity Price Index 5 MW Peak Futures	Fut	Floor				0.2	USD	FRPL	0.2	0.2	USD	FRPL

Exch Code	Exch Desc	Comm Group	Prod Code	Product Desc	F/O	Platform	Trd Fee	Trd Fee Cur	Trd Fee Meth	Clr Fee	Clr Fee Cur	Clr Fee Meth	Fee Total	Brk Fee	Brk Fee Cur	Brk Fee Meth
NYMEX	New York Mercantile Exchange	Energy	DT	Demarc Natural Gas (Platts Gas Daily) Swing Futures	Fut	Electronic				0.67	USD	FRPL	0.67	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	DT	Demarc Natural Gas (Platts Gas Daily) Swing Futures	Fut	Floor				0.67	USD	FRPL	0.67	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	DTM	Daily Crude Oil Calendar Spread one-month spread	Opt	Electronic				2.5	USD	FRPL	2.5	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	DTM	Daily Crude Oil Calendar Spread one-month spread	Opt	Floor				1.45	USD	FRPL	1.45	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	DW	Dawn Natural Gas (Platts IFERC) Basis Futures	Fut	Electronic				0.67	USD	FRPL	0.67	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	DW	Dawn Natural Gas (Platts IFERC) Basis Futures	Fut	Floor				0.67	USD	FRPL	0.67	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	DZB	Singapore Gasoil (Platts) vs. DME Oman Crude Oil Swap	Fut	Electronic				1.25	USD	FRPL	1.25	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	DZB	Singapore Gasoil (Platts) vs. DME Oman Crude Oil Swap	Fut	Floor				1.35	USD	FRPL	1.35	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	E2	National Balancing Point (NBP) Henry Hub Basis Futures	Fut	Electronic				0.67	USD	FRPL	0.67	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	E2	National Balancing Point (NBP) Henry Hub Basis Futures	Fut	Floor				0.67	USD	FRPL	0.67	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	E3	PJM BGE Zone Peak Calendar-Month Day-Ahead LMP Futures	Fut	Electronic				0.4	USD	FRPL	0.4	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	E3	PJM BGE Zone Peak Calendar-Month Day-Ahead LMP Futures	Fut	Floor				0.4	USD	FRPL	0.4	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	E4	PJM Western Hub Day-Ahead Off-Peak Calendar-Month 5 MW Futures	Fut	Electronic				0.03	USD	FRPL	0.03	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	E4	PJM Western Hub Day-Ahead Off-Peak Calendar-Month 5 MW Futures	Fut	Floor				0.03	USD	FRPL	0.03	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	E5	Argus LLS vs. WTI (Argus) Trade Month Futures	Fut	Electronic				2.7	USD	FRPL	2.7	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	E5	Argus LLS vs. WTI (Argus) Trade Month Futures	Fut	Floor				2.7	USD	FRPL	2.7	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	E6	Japan C&F Naphtha (Platts) BALMO Futures	Fut	Electronic				9	USD	FRPL	9	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	E6	Japan C&F Naphtha (Platts) BALMO Futures	Fut	Floor				20	USD	FRPL	20	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	E6M	Mini Japan C&F Naphtha (Platts) BALMO Futures	Fut	Electronic				1.25	USD	FRPL	1.25	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	E6M	Mini Japan C&F Naphtha (Platts) BALMO Futures	Fut	Floor				1.25	USD	FRPL	1.25	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	E7	Henry Hub Financial Last Day	Opt	Electronic				2.5	USD	FRPL	2.5	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	E7	Henry Hub Financial Last Day	Opt	Floor				1.45	USD	FRPL	1.45	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	E8	PJM DPL Zone Off-Peak Calendar-Month Day-Ahead LMP Futures	Fut	Electronic				0.03	USD	FRPL	0.03	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	E8	PJM DPL Zone Off-Peak Calendar-Month Day-Ahead LMP Futures	Fut	Floor				0.03	USD	FRPL	0.03	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	E9	PJM Eastern Hub Peak Calendar-Month Day-Ahead LMP Futures	Fut	Electronic				0.4	USD	FRPL	0.4	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	E9	PJM Eastern Hub Peak Calendar-Month Day-Ahead LMP Futures	Fut	Floor				0.4	USD	FRPL	0.4	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	EBF	1% Fuel Oil Barges FOB Rdam (Platts) vs. 1% Fuel Oil Cargoes FOB NWE (Platts) BALMO Futures	Fut	Electronic				9	USD	FRPL	9	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	EBF	1% Fuel Oil Barges FOB Rdam (Platts) vs. 1% Fuel Oil Cargoes FOB NWE (Platts) BALMO Futures	Fut	Floor				9	USD	FRPL	9	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	EFB	European 1% Fuel Oil Barges FOB Rdam (Platts) Average Price Option	Opt	Electronic				9	USD	FRPL	9	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	EFB	European 1% Fuel Oil Barges FOB Rdam (Platts) Average Price Option	Opt	Floor				9	USD	FRPL	9	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	EFF	European 3.5% Fuel Oil Cargoes FOB MED (Platts) BALMO Futures	Fut	Electronic				9	USD	FRPL	9	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	EFF	European 3.5% Fuel Oil Cargoes FOB MED (Platts) BALMO Futures	Fut	Floor				9	USD	FRPL	9	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	EFM	European 1% Fuel Oil Cargoes FOB MED (Platts) Futures	Fut	Electronic				9	USD	FRPL	9	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	EFM	European 1% Fuel Oil Cargoes FOB MED (Platts) Futures	Fut	Floor				9	USD	FRPL	9	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	EHE	ERCOT Houston 345 kV Hub Day-Ahead 5 MW Peak Futures	Fut	Electronic				0.2	USD	FRPL	0.2	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	EHE	ERCOT Houston 345 kV Hub Day-Ahead 5 MW Peak Futures	Fut	Floor				0.2	USD	FRPL	0.2	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	EHF	ERCOT Houston 345 kV Hub Day-Ahead 5 MW Peak Calendar-Day Futures	Fut	Electronic				0.2	USD	FRPL	0.2	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	EHF	ERCOT Houston 345 kV Hub Day-Ahead 5 MW Peak Calendar-Day Futures	Fut	Floor				0.2	USD	FRPL	0.2	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	EHP	ERCOT Houston 345 kV Hub Day-Ahead 5 MW Off-Peak Futures	Fut	Electronic				0.02	USD	FRPL	0.02	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	EHP	ERCOT Houston 345 kV Hub Day-Ahead 5 MW Off-Peak Futures	Fut	Floor				0.02	USD	FRPL	0.02	0.2	USD	FRPL

Exch Code	Exch Desc	Comm Group	Prod Code	Product Desc	F/O	Platform	Trd Fee	Trd Fee Cur	Trd Fee Meth	Clr Fee	Clr Fee Cur	Clr Fee Meth	Fee Total	Brk Fee	Brk Fee Cur	Brk Fee Meth
NYMEX	New York Mercantile Exchange	Energy	EHW	ERCOT Houston 345 kV Hub Day-Ahead 5 MW Off-Peak Calendar-Day Futures	Fut	Electronic				0.02	USD	FRPL	0.02	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	EHW	ERCOT Houston 345 kV Hub Day-Ahead 5 MW Off-Peak Calendar-Day Futures	Fut	Floor				0.02	USD	FRPL	0.02	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	EJ	MISO Indiana Hub (formerly Cinergy Hub) Off-Peak LMP Futures	Fut	Electronic				4	USD	FRPL	4	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	EJ	MISO Indiana Hub (formerly Cinergy Hub) Off-Peak LMP Futures	Fut	Floor				4	USD	FRPL	4	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	EM	MISO Indiana Hub (formerly Cinergy Hub) Real-Time Peak Calendar-Month 2.5 MW Futures	Fut	Electronic				4	USD	FRPL	4	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	EM	MISO Indiana Hub (formerly Cinergy Hub) Real-Time Peak Calendar-Month 2.5 MW Futures	Fut	Floor				4	USD	FRPL	4	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	EN	European Naphtha (Platts) Crack Spread Futures	Fut	Electronic				2.7	USD	FRPL	2.7	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	EN	European Naphtha (Platts) Crack Spread Futures	Fut	Floor				2.7	USD	FRPL	2.7	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	ENF	European Diesel 10 ppm Barges FOB Rdam (Platts) vs. Gasoil 50 ppm Barges FOB Rdam (Platts) Futures	Fut	Electronic				9	USD	FRPL	9	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	ENF	European Diesel 10 ppm Barges FOB Rdam (Platts) vs. Gasoil 50 ppm Barges FOB Rdam (Platts) Futures	Fut	Floor				9	USD	FRPL	9	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	ENS	European 1% Fuel Oil Cargoes FOB MED vs. European 1% Fuel Oil Cargoes FOB NWE Spread (Platts) Futures	Fut	Electronic				9	USD	FRPL	9	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	ENS	European 1% Fuel Oil Cargoes FOB MED vs. European 1% Fuel Oil Cargoes FOB NWE Spread (Platts) Futures	Fut	Floor				9	USD	FRPL	9	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	EOB	Argus Gasoline Eurobob Oxy Barges NWE Crack Spread (1000mt) Futures	Fut	Electronic				9	USD	FRPL	9	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	EOB	Argus Gasoline Eurobob Oxy Barges NWE Crack Spread (1000mt) Futures	Fut	Floor				9	USD	FRPL	9	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	EPN	European Propane CIF ARA (Argus) vs. Naphtha Cargoes CIF NWE (Platts) Futures	Fut	Electronic				9	USD	FRPL	9	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	EPN	European Propane CIF ARA (Argus) vs. Naphtha Cargoes CIF NWE (Platts) Futures	Fut	Floor				9	USD	FRPL	9	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	ERA	ERCOT South 345 kV Hub Day-Ahead 5 MW Off-Peak Futures	Fut	Electronic				0.02	USD	FRPL	0.02	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	ERA	ERCOT South 345 kV Hub Day-Ahead 5 MW Off-Peak Futures	Fut	Floor				0.02	USD	FRPL	0.02	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	ERE	ERCOT North 345 kV Hub Day-Ahead 5 MW Peak Futures	Fut	Electronic				0.2	USD	FRPL	0.2	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	ERE	ERCOT North 345 kV Hub Day-Ahead 5 MW Peak Futures	Fut	Floor				0.2	USD	FRPL	0.2	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	ERP	ERCOT North 345 kV Hub Day-Ahead 5 MW Off-Peak Calendar-Day Futures	Fut	Electronic				0.02	USD	FRPL	0.02	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	ERP	ERCOT North 345 kV Hub Day-Ahead 5 MW Off-Peak Calendar-Day Futures	Fut	Floor				0.02	USD	FRPL	0.02	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	ERU	ERCOT North 345 kV Hub Day-Ahead 5 MW Off-Peak Futures	Fut	Electronic				0.02	USD	FRPL	0.02	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	ERU	ERCOT North 345 kV Hub Day-Ahead 5 MW Off-Peak Futures	Fut	Floor				0.02	USD	FRPL	0.02	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	ERW	ERCOT North 345 kV Hub Day-Ahead 5 MW Peak Calendar-Day Futures	Fut	Electronic				0.2	USD	FRPL	0.2	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	ERW	ERCOT North 345 kV Hub Day-Ahead 5 MW Peak Calendar-Day Futures	Fut	Floor				0.2	USD	FRPL	0.2	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	ET	European Diesel 10 ppm Barges FOB Rdam (Platts) vs. Gasoil Futures	Fut	Electronic				9	USD	FRPL	9	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	ET	European Diesel 10 ppm Barges FOB Rdam (Platts) vs. Gasoil Futures	Fut	Floor				9	USD	FRPL	9	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	EUE	ERCOT South 345 kV Hub Day-Ahead 5 MW Peak Futures	Fut	Electronic				0.2	USD	FRPL	0.2	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	EUE	ERCOT South 345 kV Hub Day-Ahead 5 MW Peak Futures	Fut	Floor				0.2	USD	FRPL	0.2	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	EUP	ERCOT South 345 kV Hub Day-Ahead 5 MW Off-Peak Calendar-Day Futures	Fut	Electronic				0.02	USD	FRPL	0.02	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	EUP	ERCOT South 345 kV Hub Day-Ahead 5 MW Off-Peak Calendar-Day Futures	Fut	Floor				0.02	USD	FRPL	0.02	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	EUW	ERCOT South 345 kV Hub Day-Ahead 5 MW Peak Calendar-Day Futures	Fut	Electronic				0.2	USD	FRPL	0.2	0.2	USD	FRPL

Exch Code	Exch Desc	Comm Group	Prod Code	Product Desc	F/O	Platform	Trd Fee	Trd Fee Cur	Trd Fee Meth	Clr Fee	Clr Fee Cur	Clr Fee Meth	Fee Total	Brk Fee	Brk Fee Cur	Brk Fee Meth
NYMEX	New York Mercantile Exchange	Energy	EUW	ERCOT South 345 kV Hub Day-Ahead 5 MW Peak Calendar-Day Futures	Fut	Floor				0.2	USD	FRPL	0.2	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	EW	East-West Fuel Oil Spread (Platts) Futures	Fut	Electronic				9	USD	FRPL	9	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	EW	East-West Fuel Oil Spread (Platts) Futures	Fut	Floor				9	USD	FRPL	9	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	EWB	East-West Fuel Oil Spread (Platts) BALMO Futures	Fut	Electronic				9	USD	FRPL	9	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	EWB	East-West Fuel Oil Spread (Platts) BALMO Futures	Fut	Floor				9	USD	FRPL	9	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	EWE	ERCOT West 345 kV Hub Day-Ahead 5 MW Peak Futures	Fut	Electronic				0.2	USD	FRPL	0.2	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	EWE	ERCOT West 345 kV Hub Day-Ahead 5 MW Peak Futures	Fut	Floor				0.2	USD	FRPL	0.2	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	EWF	ERCOT West 345 kV Hub Day-Ahead 5 MW Off-Peak Calendar-Day Futures	Fut	Electronic				0.02	USD	FRPL	0.02	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	EWF	ERCOT West 345 kV Hub Day-Ahead 5 MW Off-Peak Calendar-Day Futures	Fut	Floor				0.02	USD	FRPL	0.02	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	EWG	East-West Gasoline Spread (Platts-Argus) Futures	Fut	Electronic				9	USD	FRPL	9	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	EWG	East-West Gasoline Spread (Platts-Argus) Futures	Fut	Floor				9	USD	FRPL	9	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	EWK	ERCOT West 345 kV Hub Day-Ahead 5 MW Off-Peak Futures	Fut	Electronic				0.02	USD	FRPL	0.02	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	EWK	ERCOT West 345 kV Hub Day-Ahead 5 MW Off-Peak Futures	Fut	Floor				0.02	USD	FRPL	0.02	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	EWN	East-West Naphtha: Japan C&F vs. Cargoes CIF NWE Spread (Platts) Futures	Fut	Electronic				9	USD	FRPL	9	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	EWN	East-West Naphtha: Japan C&F vs. Cargoes CIF NWE Spread (Platts) Futures	Fut	Floor				9	USD	FRPL	9	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	EWW	ERCOT West 345 kV Hub Day-Ahead 5 MW Peak Calendar-Day Futures	Fut	Electronic				0.2	USD	FRPL	0.2	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	EWW	ERCOT West 345 kV Hub Day-Ahead 5 MW Peak Calendar-Day Futures	Fut	Floor				0.2	USD	FRPL	0.2	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	EXR	RBOB Gasoline vs. Euro-bob Oxy NWE Barges (Argus) (1000mt) Futures	Fut	Electronic				9	USD	FRPL	9	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	EXR	RBOB Gasoline vs. Euro-bob Oxy NWE Barges (Argus) (1000mt) Futures	Fut	Floor				9	USD	FRPL	9	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	EZ	NY Ethanol (Platts) Futures	Fut	Electronic				1.35	USD	FRPL	1.35	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	EZ	NY Ethanol (Platts) Futures	Fut	Floor				1.35	USD	FRPL	1.35	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Other	F0	Mini Panamax Timecharter Average (Baltic) Futures	Fut	Electronic				1.5	USD	FRPL	1.5	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Other	F0	Mini Panamax Timecharter Average (Baltic) Futures	Fut	Floor				1.5	USD	FRPL	1.5	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	F2	PJM JCPL Zone Off-Peak Calendar-Month Day-Ahead LMP Futures	Fut	Electronic				0.03	USD	FRPL	0.03	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	F2	PJM JCPL Zone Off-Peak Calendar-Month Day-Ahead LMP Futures	Fut	Floor				0.03	USD	FRPL	0.03	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	F3	Jet Fuel Cargoes CIF NWE (Platts) BALMO Futures	Fut	Electronic				9	USD	FRPL	9	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	F3	Jet Fuel Cargoes CIF NWE (Platts) BALMO Futures	Fut	Floor				9	USD	FRPL	9	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	F4	PJM Eastern Hub Off-Peak Calendar-Month Day-Ahead LMP Futures	Fut	Electronic				0.03	USD	FRPL	0.03	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	F4	PJM Eastern Hub Off-Peak Calendar-Month Day-Ahead LMP Futures	Fut	Floor				0.03	USD	FRPL	0.03	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	F5	PJM PPL Zone Off-Peak Calendar-Month Day-Ahead LMP Futures	Fut	Electronic				0.03	USD	FRPL	0.03	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	F5	PJM PPL Zone Off-Peak Calendar-Month Day-Ahead LMP Futures	Fut	Floor				0.03	USD	FRPL	0.03	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	F7	European-style Gasoil APO	Opt	Electronic				9	USD	FRPL	9	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	F7	European-style Gasoil APO	Opt	Floor				9.75	USD	FRPL	9.75	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	F8	European-style Gasoil	Opt	Electronic				9	USD	FRPL	9	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	F8	European-style Gasoil	Opt	Floor				9.75	USD	FRPL	9.75	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	FA	1 month Heating Oil Calendar Spread	Opt	Electronic				2.5	USD	FRPL	2.5	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	FA	1 month Heating Oil Calendar Spread	Opt	Floor				1.45	USD	FRPL	1.45	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	FAD	MISO Indiana Hub Day-Ahead Off-Peak Calendar-Day 5 MW Futures	Fut	Electronic				0.03	USD	FRPL	0.03	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	FAD	MISO Indiana Hub Day-Ahead Off-Peak Calendar-Day 5 MW Futures	Fut	Floor				0.03	USD	FRPL	0.03	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	FB	2 month Heating Oil Calendar Spread	Opt	Electronic				2.5	USD	FRPL	2.5	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	FB	2 month Heating Oil Calendar Spread	Opt	Floor				1.45	USD	FRPL	1.45	0.2	USD	FRPL

Exch Code	Exch Desc	Comm Group	Prod Code	Product Desc	F/O	Platform	Trd Fee	Trd Fee Cur	Trd Fee Meth	Clr Fee	Clr Fee Cur	Clr Fee Meth	Fee Total	Brk Fee	Brk Fee Cur	Brk Fee Meth
NYMEX	New York Mercantile Exchange	Energy	FBD	FAME 0 Biodiesel FOB Rdam (Argus) (RED Compliant) Futures	Fut	Electronic				1.35	USD	FRPL	1.35	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	FBD	FAME 0 Biodiesel FOB Rdam (Argus) (RED Compliant) Futures	Fut	Floor				1.35	USD	FRPL	1.35	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	FBT	FAME 0 Biodiesel FOB Rdam (Argus) (RED Compliant) vs. Gasoil Futures	Fut	Electronic				2.7	USD	FRPL	2.7	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	FBT	FAME 0 Biodiesel FOB Rdam (Argus) (RED Compliant) vs. Gasoil Futures	Fut	Floor				2.7	USD	FRPL	2.7	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	FC	3 month Heating Oil Calendar Spread	Opt	Electronic				2.5	USD	FRPL	2.5	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	FC	3 month Heating Oil Calendar Spread	Opt	Floor				1.45	USD	FRPL	1.45	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	FCB	3.5% Fuel Oil Barges FOB Rdam (Platts) Crack Spread BALMO Futures	Fut	Electronic				1.25	USD	FRPL	1.25	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	FCB	3.5% Fuel Oil Barges FOB Rdam (Platts) Crack Spread BALMO Futures	Fut	Floor				1.25	USD	FRPL	1.25	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	FCN	Daily European 1% Fuel Oil Cargoes FOB NWE (Platts) Futures	Fut	Electronic				9	USD	FRPL	9	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	FCN	Daily European 1% Fuel Oil Cargoes FOB NWE (Platts) Futures	Fut	Floor				9	USD	FRPL	9	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	FDM	MISO Indiana Hub Day-Ahead Off-Peak Calendar-Month 5 MW Futures	Fut	Electronic				0.03	USD	FRPL	0.03	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	FDM	MISO Indiana Hub Day-Ahead Off-Peak Calendar-Month 5 MW Futures	Fut	Floor				0.03	USD	FRPL	0.03	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	FE	Dated Brent (Platts) to Frontline Brent BALMO Futures	Fut	Electronic				2.7	USD	FRPL	2.7	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	FE	Dated Brent (Platts) to Frontline Brent BALMO Futures	Fut	Floor				2.7	USD	FRPL	2.7	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	FF	WTS (Argus) vs. WTI Financial Futures	Fut	Electronic				2.7	USD	FRPL	2.7	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	FF	WTS (Argus) vs. WTI Financial Futures	Fut	Floor				2.7	USD	FRPL	2.7	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	FG	Gulf Coast No.6 Fuel Oil 3.0% (Platts) APO	Opt	Electronic				1.35	USD	FRPL	1.35	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	FG	Gulf Coast No.6 Fuel Oil 3.0% (Platts) APO	Opt	Floor				1.35	USD	FRPL	1.35	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	FH	WTS (Argus) vs. WTI Trade Month Futures	Fut	Electronic				2.7	USD	FRPL	2.7	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	FH	WTS (Argus) vs. WTI Trade Month Futures	Fut	Floor				2.7	USD	FRPL	2.7	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	FI	1% Fuel Oil Cargoes FOB NWE (Platts) Crack Spread Futures	Fut	Electronic				2.7	USD	FRPL	2.7	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	FI	1% Fuel Oil Cargoes FOB NWE (Platts) Crack Spread Futures	Fut	Floor				2.7	USD	FRPL	2.7	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	FK	3.5% Fuel Oil Cargoes FOB MED (Platts) vs. 3.5% Fuel Oil Barges FOB Rdam (Platts) Futures	Fut	Electronic				9	USD	FRPL	9	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	FK	3.5% Fuel Oil Cargoes FOB MED (Platts) vs. 3.5% Fuel Oil Barges FOB Rdam (Platts) Futures	Fut	Floor				9	USD	FRPL	9	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	FL	3.5% Fuel Oil Cargoes FOB MED (Platts) Crack Spread Futures	Fut	Electronic				1.25	USD	FRPL	1.25	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	FL	3.5% Fuel Oil Cargoes FOB MED (Platts) Crack Spread Futures	Fut	Floor				1.25	USD	FRPL	1.25	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	FLY	European Union Aviation Allowance (EUAA)	Fut	Electronic				3	USD	FRPL	3	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	FM	6 mth Heating Oil Spread	Opt	Electronic				2.5	USD	FRPL	2.5	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	FM	6 mth Heating Oil Spread	Opt	Floor				1.45	USD	FRPL	1.45	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	FO	3.5% Fuel Oil Barges FOB Rdam (Platts) Crack Spread Futures	Fut	Electronic				2.7	USD	FRPL	2.7	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	FO	3.5% Fuel Oil Barges FOB Rdam (Platts) Crack Spread Futures	Fut	Floor				2.7	USD	FRPL	2.7	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	FOA	3.5% Fuel Oil Cargoes FOB MED (Platts) Crack Spread BALMO Futures	Fut	Electronic				1.25	USD	FRPL	1.25	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	FOA	3.5% Fuel Oil Cargoes FOB MED (Platts) Crack Spread BALMO Futures	Fut	Floor				1.25	USD	FRPL	1.25	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	FOB	1% Fuel Oil Cargoes CIF MED (Platts) BALMO Futures	Fut	Electronic				9	USD	FRPL	9	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	FOB	1% Fuel Oil Cargoes CIF MED (Platts) BALMO Futures	Fut	Floor				9	USD	FRPL	9	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	FOC	NY 3.0% Fuel Oil (Platts) vs. Gulf Coast No. 6 Fuel Oil 3.0% (Platts) Futures	Fut	Electronic				1.35	USD	FRPL	1.35	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	FOC	NY 3.0% Fuel Oil (Platts) vs. Gulf Coast No. 6 Fuel Oil 3.0% (Platts) Futures	Fut	Floor				1.35	USD	FRPL	1.35	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	FOM	1% Fuel Oil Cargoes FOB MED (Platts) BALMO Futures	Fut	Electronic				9	USD	FRPL	9	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	FOM	1% Fuel Oil Cargoes FOB MED (Platts) BALMO Futures	Fut	Floor				9	USD	FRPL	9	0.2	USD	FRPL

Exch Code	Exch Desc	Comm Group	Prod Code	Product Desc	F/O	Platform	Trd Fee	Trd Fee Cur	Trd Fee Meth	Clr Fee	Clr Fee Cur	Clr Fee Meth	Fee Total	Brk Fee	Brk Fee Cur	Brk Fee Meth
NYMEX	New York Mercantile Exchange	Energy	FOR	Daily European 3.5% Fuel Oil Barges FOB Rdam (Platts) Futures	Fut	Electronic				9	USD	FRPL	9	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	FOR	Daily European 3.5% Fuel Oil Barges FOB Rdam (Platts) Futures	Fut	Floor				9	USD	FRPL	9	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	FP	Florida Gas, Zone 3 Natural Gas (Platts IFERC) Basis Futures	Fut	Electronic				0.67	USD	FRPL	0.67	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	FP	Florida Gas, Zone 3 Natural Gas (Platts IFERC) Basis Futures	Fut	Floor				0.67	USD	FRPL	0.67	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Other	FRS	Freight Route TC12 (Baltic) Futures	Fut	Electronic				5	USD	FRPL	5	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Other	FRS	Freight Route TC12 (Baltic) Futures	Fut	Floor				5	USD	FRPL	5	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	FS	1% Fuel Oil Cargoes FOB NWE (Platts) vs. 3.5% Fuel Oil Barges FOB Rdam (Platts) Futures	Fut	Electronic				9	USD	FRPL	9	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	FS	1% Fuel Oil Cargoes FOB NWE (Platts) vs. 3.5% Fuel Oil Barges FOB Rdam (Platts) Futures	Fut	Floor				9	USD	FRPL	9	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	FSF	HMS 80/20 Ferrous Scrap, CFR Turkey (Platts) Futures	Fut	Electronic				6	USD	FRPL	6	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	FSF	HMS 80/20 Ferrous Scrap, CFR Turkey (Platts) Futures	Fut	Floor				6	USD	FRPL	6	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	FTD	MISO Indiana Hub Real-Time Off-Peak Calendar-Day 5 MW Futures	Fut	Electronic				0.03	USD	FRPL	0.03	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	FTD	MISO Indiana Hub Real-Time Off-Peak Calendar-Day 5 MW Futures	Fut	Floor				0.03	USD	FRPL	0.03	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	FTM	MISO Indiana Hub Real-Time Off-Peak Calendar-Month 5 MW Futures	Fut	Electronic				0.03	USD	FRPL	0.03	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	FTM	MISO Indiana Hub Real-Time Off-Peak Calendar-Month 5 MW Futures	Fut	Floor				0.03	USD	FRPL	0.03	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	FVB	1.0% Fuel Oil Cargoes FOB NWE (Platts) Crack Spread (1000mt) Futures	Fut	Electronic				9	USD	FRPL	9	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	FVB	1.0% Fuel Oil Cargoes FOB NWE (Platts) Crack Spread (1000mt) Futures	Fut	Floor				9	USD	FRPL	9	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	FY	Dated Brent (Platts) to Frontline Brent Futures	Fut	Electronic				1.25	USD	FRPL	1.25	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	FY	Dated Brent (Platts) to Frontline Brent Futures	Fut	Floor				2.7	USD	FRPL	2.7	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	FZ	12 month Heating Oil Calendar Spread	Opt	Electronic				2.5	USD	FRPL	2.5	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	FZ	12 month Heating Oil Calendar Spread	Opt	Floor				1.45	USD	FRPL	1.45	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Other	G0	Mini Supramax Timecharter Average (Baltic) Futures	Fut	Electronic				1.5	USD	FRPL	1.5	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Other	G0	Mini Supramax Timecharter Average (Baltic) Futures	Fut	Floor				1.5	USD	FRPL	1.5	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	G2	Natural Gas 2-month Spread	Opt	Electronic				2.5	USD	FRPL	2.5	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	G2	Natural Gas 2-month Spread	Opt	Floor				1.45	USD	FRPL	1.45	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	G3	Natural Gas 3-month Spread	Opt	Electronic				2.5	USD	FRPL	2.5	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	G3	Natural Gas 3-month Spread	Opt	Floor				1.45	USD	FRPL	1.45	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	G4	Natural Gas 1-month Spread	Opt	Electronic				2.5	USD	FRPL	2.5	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	G4	Natural Gas 1-month Spread	Opt	Floor				1.45	USD	FRPL	1.45	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	G5	Natural Gas 5-month Spread	Opt	Electronic				2.5	USD	FRPL	2.5	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	G5	Natural Gas 5-month Spread	Opt	Floor				1.45	USD	FRPL	1.45	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	G6	Natural Gas 6-month Spread	Opt	Electronic				2.5	USD	FRPL	2.5	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	G6	Natural Gas 6-month Spread	Opt	Floor				1.45	USD	FRPL	1.45	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	G7	Natural Gas 12-month Spread	Opt	Electronic				2.5	USD	FRPL	2.5	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	G7	Natural Gas 12-month Spread	Opt	Floor				1.45	USD	FRPL	1.45	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	GA	Singapore Gasoil (Platts) vs. Gasoil Futures	Fut	Electronic				1.25	USD	FRPL	1.25	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	GA	Singapore Gasoil (Platts) vs. Gasoil Futures	Fut	Floor				2.7	USD	FRPL	2.7	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	GBA	Gulf Coast Jet (Argus) Up-Down BALMO Futures	Fut	Electronic				1.35	USD	FRPL	1.35	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	GBA	Gulf Coast Jet (Argus) Up-Down BALMO Futures	Fut	Floor				1.35	USD	FRPL	1.35	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	GBB	Gulf Coast Unl 87 Gasoline M2 (Platts) vs. RBOB Gasoline BALMO Futures	Fut	Electronic				1.35	USD	FRPL	1.35	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	GBB	Gulf Coast Unl 87 Gasoline M2 (Platts) vs. RBOB Gasoline BALMO Futures	Fut	Floor				1.35	USD	FRPL	1.35	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	GBR	Daily Gasoline Euro-bob Oxy NWE Barges (Argus) Futures	Fut	Electronic				9	USD	FRPL	9	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	GBR	Daily Gasoline Euro-bob Oxy NWE Barges (Argus) Futures	Fut	Floor				9	USD	FRPL	9	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	GCB	Gulf Coast No. 6 Fuel Oil 3.0% (Platts) vs. European 3.5% Fuel Oil Barges FOB Rdam (Platts) BALMO Futures	Fut	Electronic				1.35	USD	FRPL	1.35	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	GCB	Gulf Coast No. 6 Fuel Oil 3.0% (Platts) vs. European 3.5% Fuel Oil Barges FOB Rdam (Platts) BALMO Futures	Fut	Floor				1.35	USD	FRPL	1.35	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	GCC	Gulf Coast Unl 87 Gasoline M2 (Platts) Crack Spread Futures	Fut	Electronic				1.35	USD	FRPL	1.35	0.2	USD	FRPL

Exch Code	Exch Desc	Comm Group	Prod Code	Product Desc	F/O	Platform	Trd Fee	Trd Fee Cur	Trd Fee Meth	Clr Fee	Clr Fee Cur	Clr Fee Meth	Fee Total	Brk Fee	Brk Fee Cur	Brk Fee Meth
NYMEX	New York Mercantile Exchange	Energy	GCC	Gulf Coast Unl 87 Gasoline M2 (Platts) Crack Spread Futures	Fut	Floor				1.35	USD	FRPL	1.35	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	GCG	Gulf Coast CBOB Gasoline A2 (Platts) Crack Spread Futures	Fut	Electronic				1.35	USD	FRPL	1.35	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	GCG	Gulf Coast CBOB Gasoline A2 (Platts) Crack Spread Futures	Fut	Floor				1.35	USD	FRPL	1.35	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	GCI	Gulf Coast No.6 Fuel Oil 3.0% (Platts) Brent Crack Spread Futures	Fut	Electronic				1.35	USD	FRPL	1.35	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	GCI	Gulf Coast No.6 Fuel Oil 3.0% (Platts) Brent Crack Spread Futures	Fut	Floor				1.35	USD	FRPL	1.35	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	GCM	Gulf Coast Unl 87 Gasoline M2 (Platts) Futures	Fut	Electronic				1.35	USD	FRPL	1.35	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	GCM	Gulf Coast Unl 87 Gasoline M2 (Platts) Futures	Fut	Floor				1.35	USD	FRPL	1.35	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	GCU	Gulf Coast No. 6 Fuel Oil 3.0% (Platts) vs. European 3.5% Fuel Oil Barges FOB Rdam (Platts) Futures	Fut	Electronic				1.35	USD	FRPL	1.35	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	GCU	Gulf Coast No. 6 Fuel Oil 3.0% (Platts) vs. European 3.5% Fuel Oil Barges FOB Rdam (Platts) Futures	Fut	Floor				1.35	USD	FRPL	1.35	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	GE	Gulf Coast Jet Fuel (Platts) Futures	Fut	Electronic				1.35	USD	FRPL	1.35	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	GE	Gulf Coast Jet Fuel (Platts) Futures	Fut	Floor				1.35	USD	FRPL	1.35	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	GEB	Gasoil 0.1% Cargoes CIF NWE (Platts) Crack Spread (1000mt) Futures	Fut	Electronic				9	USD	FRPL	9	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	GEB	Gasoil 0.1% Cargoes CIF NWE (Platts) Crack Spread (1000mt) Futures	Fut	Floor				9	USD	FRPL	9	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	GFC	Gulf Coast No. 6 Fuel Oil (Platts) Crack Spread BALMO Futures	Fut	Electronic				1.35	USD	FRPL	1.35	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	GFC	Gulf Coast No. 6 Fuel Oil (Platts) Crack Spread BALMO Futures	Fut	Floor				1.35	USD	FRPL	1.35	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	GFL	Gasoil 50 ppm Barges FOB Rdam (Platts) BALMO Futures	Fut	Electronic				9	USD	FRPL	9	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	GFL	Gasoil 50 ppm Barges FOB Rdam (Platts) BALMO Futures	Fut	Floor				9	USD	FRPL	9	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	GFN	Gasoil 50 ppm Barges FOB Rdam (Platts) vs. Gasoil 0.1% Barges FOB Rdam (Platts) Futures	Fut	Electronic				9	USD	FRPL	9	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	GFN	Gasoil 50 ppm Barges FOB Rdam (Platts) vs. Gasoil 0.1% Barges FOB Rdam (Platts) Futures	Fut	Floor				9	USD	FRPL	9	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	GFS	Gasoil 50 ppm Barges FOB Rdam (Platts) Futures	Fut	Electronic				9	USD	FRPL	9	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	GFS	Gasoil 50 ppm Barges FOB Rdam (Platts) Futures	Fut	Floor				9	USD	FRPL	9	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	GKS	Gasoline 10 ppm FOB MED (Platts) Crack Spread Futures	Fut	Electronic				1.25	USD	FRPL	1.25	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	GKS	Gasoline 10 ppm FOB MED (Platts) Crack Spread Futures	Fut	Floor				1.25	USD	FRPL	1.25	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	GL	Columbia Gulf, Louisiana Natural Gas (Platts IFERC) Basis Futures	Fut	Electronic				0.67	USD	FRPL	0.67	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	GL	Columbia Gulf, Louisiana Natural Gas (Platts IFERC) Basis Futures	Fut	Floor				0.67	USD	FRPL	0.67	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	GN	NYISO Zone G Day-Ahead Peak Calendar-Day 2.5 MW Futures	Fut	Electronic				0.2	USD	FRPL	0.2	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	GN	NYISO Zone G Day-Ahead Peak Calendar-Day 2.5 MW Futures	Fut	Floor				0.2	USD	FRPL	0.2	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	GOB	Gasoil 0.1% Barges FOB Rdam (Platts) Crack Spread (1000mt) Futures	Fut	Electronic				9	USD	FRPL	9	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	GOB	Gasoil 0.1% Barges FOB Rdam (Platts) Crack Spread (1000mt) Futures	Fut	Floor				9	USD	FRPL	9	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	GOC	Gasoil Crack Spread (1000mt) Financial Futures	Fut	Electronic				9	USD	FRPL	9	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	GOC	Gasoil Crack Spread (1000mt) Financial Futures	Fut	Floor				9	USD	FRPL	9	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	GP	Gulf Coast Heating Oil (Platts) Futures	Fut	Electronic				1.35	USD	FRPL	1.35	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	GP	Gulf Coast Heating Oil (Platts) Futures	Fut	Floor				1.35	USD	FRPL	1.35	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	GRB	Gasoil 50 ppm Barges FOB Rdam (Platts) vs. Gasoil BALMO Futures	Fut	Electronic				9	USD	FRPL	9	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	GRB	Gasoil 50 ppm Barges FOB Rdam (Platts) vs. Gasoil BALMO Futures	Fut	Floor				9	USD	FRPL	9	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	GRC	Gasoil 50 ppm Barges FOB Rdam (Platts) Crack Spread (1000mt) Futures	Fut	Electronic				1.25	USD	FRPL	1.25	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	GRC	Gasoil 50 ppm Barges FOB Rdam (Platts) Crack Spread (1000mt) Futures	Fut	Floor				1.25	USD	FRPL	1.25	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	GRS	Gasoil 50 ppm Barges FOB Rdam (Platts) vs. Gasoil Futures	Fut	Electronic				9	USD	FRPL	9	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	GRS	Gasoil 50 ppm Barges FOB Rdam (Platts) vs. Gasoil Futures	Fut	Floor				9	USD	FRPL	9	0.2	USD	FRPL

Exch Code	Exch Desc	Comm Group	Prod Code	Product Desc	F/O	Platform	Trd Fee	Trd Fee Cur	Trd Fee Meth	Clr Fee	Clr Fee Cur	Clr Fee Meth	Fee Total	Brk Fee	Brk Fee Cur	Brk Fee Meth
NYMEX	New York Mercantile Exchange	Energy	GS	Gulf Coast Unl 87 Gasoline M1 (Platts) Futures	Fut	Electronic				1.35	USD	FRPL	1.35	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	GS	Gulf Coast Unl 87 Gasoline M1 (Platts) Futures	Fut	Floor				1.35	USD	FRPL	1.35	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	GSI	Biodiesel SME Houston B-100 (Argus) Futures	Fut	Electronic				1.35	USD	FRPL	1.35	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	GSI	Biodiesel SME Houston B-100 (Argus) Futures	Fut	Floor				1.35	USD	FRPL	1.35	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	GT	European Diesel 10 ppm Barges FOB Rdam (Platts) Futures	Fut	Electronic				9	USD	FRPL	9	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	GT	European Diesel 10 ppm Barges FOB Rdam (Platts) Futures	Fut	Floor				9	USD	FRPL	9	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	GUD	Gulf Coast ULSD (Argus) Up-Down BALMO Futures	Fut	Electronic				1.35	USD	FRPL	1.35	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	GUD	Gulf Coast ULSD (Argus) Up-Down BALMO Futures	Fut	Floor				1.35	USD	FRPL	1.35	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	GVR	Gulf Coast Jet Fuel (Platts) Average Price Option	Opt	Electronic				1.45	USD	FRPL	1.45	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	GVR	Gulf Coast Jet Fuel (Platts) Average Price Option	Opt	Floor				1.45	USD	FRPL	1.45	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	GX	European Gasoil Financial Futures	Fut	Electronic				9	USD	FRPL	9	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	GX	European Gasoil Financial Futures	Fut	Floor				9	USD	FRPL	9	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	GXA	Gas Oil Calendar Spread 1 month	Opt	Electronic				9	USD	FRPL	9	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	GXA	Gas Oil Calendar Spread 1 month	Opt	Floor				9	USD	FRPL	9	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	GXB	Gas Oil Calendar Spread 2 month	Opt	Electronic				9	USD	FRPL	9	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	GXB	Gas Oil Calendar Spread 2 month	Opt	Floor				9	USD	FRPL	9	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	GXC	Gas Oil Calendar Spread 3 month	Opt	Electronic				9	USD	FRPL	9	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	GXC	Gas Oil Calendar Spread 3 month	Opt	Floor				9	USD	FRPL	9	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	GXM	Gas Oil Calendar Spread 6 month	Opt	Electronic				9	USD	FRPL	9	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	GXM	Gas Oil Calendar Spread 6 month	Opt	Floor				9	USD	FRPL	9	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	GXZ	Gas Oil Calendar Spread 12 month	Opt	Electronic				9	USD	FRPL	9	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	GXZ	Gas Oil Calendar Spread 12 month	Opt	Floor				9	USD	FRPL	9	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	GY	Gulf Coast ULSD (Platts) Crack Spread Futures	Fut	Electronic				2.7	USD	FRPL	2.7	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	GY	Gulf Coast ULSD (Platts) Crack Spread Futures	Fut	Floor				2.7	USD	FRPL	2.7	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	GZ	European Gasoil Brent Crack Spread Futures	Fut	Electronic				2.7	USD	FRPL	2.7	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	GZ	European Gasoil Brent Crack Spread Futures	Fut	Floor				2.7	USD	FRPL	2.7	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Other	H0	Mini Handysize Timecharter Average (Baltic) Futures	Fut	Electronic				1.5	USD	FRPL	1.5	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Other	H0	Mini Handysize Timecharter Average (Baltic) Futures	Fut	Floor				1.5	USD	FRPL	1.5	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	H1	NY 3.0% Fuel Oil (Platts) Futures	Fut	Electronic				1.35	USD	FRPL	1.35	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	H1	NY 3.0% Fuel Oil (Platts) Futures	Fut	Floor				1.35	USD	FRPL	1.35	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	H2	ISO New England Mass Hub Day-Ahead Off-Peak Calendar-Month 5 MW Futures	Fut	Electronic				0.03	USD	FRPL	0.03	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	H2	ISO New England Mass Hub Day-Ahead Off-Peak Calendar-Month 5 MW Futures	Fut	Floor				0.03	USD	FRPL	0.03	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	H4	MISO Indiana Hub (formerly Cinergy Hub) Real-Time Off-Peak Calendar-Month 5 MW Futures	Fut	Electronic				0.03	USD	FRPL	0.03	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	H4	MISO Indiana Hub (formerly Cinergy Hub) Real-Time Off-Peak Calendar-Month 5 MW Futures	Fut	Floor				0.03	USD	FRPL	0.03	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	H5	MISO Indiana Hub (formerly Cinergy Hub) Day-Ahead Peak Calendar-Month 5 MW Futures	Fut	Electronic				0.4	USD	FRPL	0.4	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	H5	MISO Indiana Hub (formerly Cinergy Hub) Day-Ahead Peak Calendar-Month 5 MW Futures	Fut	Floor				0.4	USD	FRPL	0.4	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	HA	NY Harbor ULSD Heating Oil vs. Gasoil Futures	Fut	Electronic				2.7	USD	FRPL	2.7	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	HA	NY Harbor ULSD Heating Oil vs. Gasoil Futures	Fut	Floor				2.7	USD	FRPL	2.7	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	HB	Henry Hub Natural Gas (Platts IFERC) Basis Futures	Fut	Electronic				0.67	USD	FRPL	0.67	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	HB	Henry Hub Natural Gas (Platts IFERC) Basis Futures	Fut	Floor				0.67	USD	FRPL	0.67	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Other	HFT	Handysize Timecharter Average (Baltic) Futures	Fut	Electronic				4	USD	FRPL	4	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Other	HFT	Handysize Timecharter Average (Baltic) Futures	Fut	Floor				4	USD	FRPL	4	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	HH	Natural Gas Last Day Financial	Fut	Electronic				1.45	USD	FRPL	1.45	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	HHQ	Henry Hub Natural Gas Quadultimate	Opt	Electronic				1.45	USD	FRPL	1.45	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	HHQ	Henry Hub Natural Gas Quadultimate	Opt	Floor				1.45	USD	FRPL	1.45	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	HHS	Henry Hub (Platts IFERC) FIxed Price swap	Fut	Electronic				0.67	USD	FRPL	0.67	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	HHS	Henry Hub (Platts IFERC) FIxed Price swap	Fut	Floor				0.67	USD	FRPL	0.67	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	HJ	MISO Michigan Hub Off-Peak Calendar-Month LMP Futures	Fut	Electronic				4	USD	FRPL	4	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	HJ	MISO Michigan Hub Off-Peak Calendar-Month LMP Futures	Fut	Floor				4	USD	FRPL	4	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	HK	Heating Oil Crack Spread Futures	Fut	Electronic				2.7	USD	FRPL	2.7	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	HK	Heating Oil Crack Spread Futures	Fut	Floor				2.7	USD	FRPL	2.7	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	HM	MISO Michigan Hub Peak Calendar-Month LMP Futures	Fut	Electronic				4	USD	FRPL	4	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	HM	MISO Michigan Hub Peak Calendar-Month LMP Futures	Fut	Floor				4	USD	FRPL	4	0.2	USD	FRPL

Exch Code	Exch Desc	Comm Group	Prod Code	Product Desc	F/O	Platform	Trd Fee	Trd Fee Cur	Trd Fee Meth	Clr Fee	Clr Fee Cur	Clr Fee Meth	Fee Total	Brk Fee	Brk Fee Cur	Brk Fee Meth
NYMEX	New York Mercantile Exchange	Energy	HMO	MISO Michigan Hub 5 MW Off-Peak Calendar-Month Day-Ahead Futures	Fut	Electronic				0.03	USD	FRPL	0.03	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	HMO	MISO Michigan Hub 5 MW Off-Peak Calendar-Month Day-Ahead Futures	Fut	Floor				0.03	USD	FRPL	0.03	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	HMW	MISO Michigan Hub 5 MW Peak Calendar-Month Day-Ahead Futures	Fut	Electronic				0.4	USD	FRPL	0.4	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	HMW	MISO Michigan Hub 5 MW Peak Calendar-Month Day-Ahead Futures	Fut	Floor				0.4	USD	FRPL	0.4	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	HO	New York Harbor ULSD Heating Oil	Fut	Electronic				1.45	USD	FRPL	1.45	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	HO	New York Harbor ULSD Heating Oil	Fut	Floor				1.45	USD	FRPL	1.45	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	HOB	Heating Oil Brent Crack Spread Futures	Fut	Electronic				1.35	USD	FRPL	1.35	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	HOB	Heating Oil Brent Crack Spread Futures	Fut	Floor				1.35	USD	FRPL	1.35	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	HP	Natural Gas Penultimate Fincl	Fut	Electronic				1.45	USD	FRPL	1.45	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	HP	Natural Gas Penultimate Fincl	Fut	Floor				1.45	USD	FRPL	1.45	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Other	HPD	HDPE High Density Polyethylene (PCW) BALMO Futures	Fut	Electronic				7.5	USD	FRPL	7.5	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Other	HPD	HDPE High Density Polyethylene (PCW) BALMO Futures	Fut	Floor				7.5	USD	FRPL	7.5	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Other	HPE	HDPE High Density Polyethylene (PCW) Financial Futures	Fut	Electronic				7.5	USD	FRPL	7.5	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Other	HPE	HDPE High Density Polyethylene (PCW) Financial Futures	Fut	Floor				7.5	USD	FRPL	7.5	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Metal	HR	USM Domestic Hot-Rolled Coil Steel	Fut	Electronic				5	USD	FRPL	5	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	HRO	US Midwest Domestic Hot Rolled Coil Steel APO	Opt	Electronic				5	USD	FRPL	5	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	HRO	US Midwest Domestic Hot Rolled Coil Steel APO	Opt	Floor				5	USD	FRPL	5	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	I1	ERCOT Houston 345 kV Hub 5 MW Peak Futures	Fut	Electronic				0.4	USD	FRPL	0.4	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	I1	ERCOT Houston 345 kV Hub 5 MW Peak Futures	Fut	Floor				0.4	USD	FRPL	0.4	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	I2	ERCOT Houston 345 kV Hub 5 MW Off-Peak Futures	Fut	Electronic				0.03	USD	FRPL	0.03	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	I2	ERCOT Houston 345 kV Hub 5 MW Off-Peak Futures	Fut	Floor				0.03	USD	FRPL	0.03	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	I3	ERCOT Houston 345 kV Hub 5 MW Peak Calendar-Day Futures	Fut	Electronic				0.2	USD	FRPL	0.2	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	I3	ERCOT Houston 345 kV Hub 5 MW Peak Calendar-Day Futures	Fut	Floor				0.2	USD	FRPL	0.2	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	I4	ERCOT Houston 345 kV Hub 5 MW Off-Peak Calendar-Day Futures	Fut	Electronic				0.02	USD	FRPL	0.02	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	I4	ERCOT Houston 345 kV Hub 5 MW Off-Peak Calendar-Day Futures	Fut	Floor				0.02	USD	FRPL	0.02	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	I5	ERCOT North 345 kV Hub 5 MW Peak Futures	Fut	Electronic				0.4	USD	FRPL	0.4	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	I5	ERCOT North 345 kV Hub 5 MW Peak Futures	Fut	Floor				0.4	USD	FRPL	0.4	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	I6	ERCOT North 345 kV Hub 5 MW Off-Peak Futures	Fut	Electronic				0.03	USD	FRPL	0.03	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	I6	ERCOT North 345 kV Hub 5 MW Off-Peak Futures	Fut	Floor				0.03	USD	FRPL	0.03	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	I7	ERCOT North 345 kV Hub 5 MW Peak Calendar-Day Futures	Fut	Electronic				0.4	USD	FRPL	0.4	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	I7	ERCOT North 345 kV Hub 5 MW Peak Calendar-Day Futures	Fut	Floor				0.4	USD	FRPL	0.4	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	I8	ERCOT North 345 kV Hub 5 MW Off-Peak Calendar-Day Futures	Fut	Electronic				0.02	USD	FRPL	0.02	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	I8	ERCOT North 345 kV Hub 5 MW Off-Peak Calendar-Day Futures	Fut	Floor				0.02	USD	FRPL	0.02	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	I9	ERCOT South 345 kV Hub 5 MW Peak Futures	Fut	Electronic				0.4	USD	FRPL	0.4	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	I9	ERCOT South 345 kV Hub 5 MW Peak Futures	Fut	Floor				0.4	USD	FRPL	0.4	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	IA	1 month Natural Gas Calendar Spread	Opt	Electronic				2.5	USD	FRPL	2.5	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	IA	1 month Natural Gas Calendar Spread	Opt	Floor				1.45	USD	FRPL	1.45	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	IB	2 month Natural Gas Calendar Spread	Opt	Electronic				2.5	USD	FRPL	2.5	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	IB	2 month Natural Gas Calendar Spread	Opt	Floor				1.45	USD	FRPL	1.45	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	IBE	Brent (Euro Denominated) Financial Futures	Fut	Electronic				1.35	USD	FRPL	1.35	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	IBE	Brent (Euro Denominated) Financial Futures	Fut	Floor				1.35	USD	FRPL	1.35	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	IBS	Brent (Singapore Marker) Futures	Fut	Electronic				1.25	USD	FRPL	1.25	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	IBS	Brent (Singapore Marker) Futures	Fut	Floor				1.25	USD	FRPL	1.25	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	IC	3 month Natural Gas Calendar Spread	Opt	Electronic				2.5	USD	FRPL	2.5	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	IC	3 month Natural Gas Calendar Spread	Opt	Floor				1.45	USD	FRPL	1.45	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	IDO	ISO New England Mass Hub Day Ahead Off Peak Calendar Day 2.5 MW	Fut	Electronic				0.01	USD	FRPL	0.01	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	IDO	ISO New England Mass Hub Day Ahead Off Peak Calendar Day 2.5 MW	Fut	Floor				0.01	USD	FRPL	0.01	0.2	USD	FRPL

Exch Code	Exch Desc	Comm Group	Prod Code	Product Desc	F/O	Platform	Trd Fee	Trd Fee Cur	Trd Fee Meth	Clr Fee	Clr Fee Cur	Clr Fee Meth	Fee Total	Brk Fee	Brk Fee Cur	Brk Fee Meth
NYMEX	New York Mercantile Exchange	Energy	IE	5 Month Nat Gas Calendar Spread	Opt	Electronic				2.5	USD	FRPL	2.5	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	IE	5 Month Nat Gas Calendar Spread	Opt	Floor				1.45	USD	FRPL	1.45	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	IF	SoCal Natural Gas (Platts Gas Daily/Platts IFERC) Index Futures	Fut	Electronic				0.67	USD	FRPL	0.67	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	IF	SoCal Natural Gas (Platts Gas Daily/Platts IFERC) Index Futures	Fut	Floor				0.67	USD	FRPL	0.67	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	IGE	Gasoil (Euro Denominated) Financial Futures	Fut	Electronic				1.25	USD	FRPL	1.25	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	IGE	Gasoil (Euro Denominated) Financial Futures	Fut	Floor				1.25	USD	FRPL	1.25	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	IH	Dominion, South Point Natural Gas (Platts Gas Daily/Platts IFERC) Index Futures	Fut	Electronic				0.67	USD	FRPL	0.67	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	IH	Dominion, South Point Natural Gas (Platts Gas Daily/Platts IFERC) Index Futures	Fut	Floor				0.67	USD	FRPL	0.67	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	II	CenterPoint Natural Gas (Platts Gas Daily/Platts IFERC) Index Futures	Fut	Electronic				0.67	USD	FRPL	0.67	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	II	CenterPoint Natural Gas (Platts Gas Daily/Platts IFERC) Index Futures	Fut	Floor				0.67	USD	FRPL	0.67	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	IJ	San Juan Natural Gas (Platts Gas Daily/Platts IFERC) Index Futures	Fut	Electronic				0.67	USD	FRPL	0.67	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	IJ	San Juan Natural Gas (Platts Gas Daily/Platts IFERC) Index Futures	Fut	Floor				0.67	USD	FRPL	0.67	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	IK	PG&E Citygate Natural Gas (Platts Gas Daily/Platts IFERC) Index Futures	Fut	Electronic				0.67	USD	FRPL	0.67	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	IK	PG&E Citygate Natural Gas (Platts Gas Daily/Platts IFERC) Index Futures	Fut	Floor				0.67	USD	FRPL	0.67	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	IL	Permian Natural Gas (Platts Gas Daily/Platts IFERC) Index Futures	Fut	Electronic				0.67	USD	FRPL	0.67	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	IL	Permian Natural Gas (Platts Gas Daily/Platts IFERC) Index Futures	Fut	Floor				0.67	USD	FRPL	0.67	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	IM	6 month Natural Gas Spread	Opt	Electronic				2.5	USD	FRPL	2.5	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	IM	6 month Natural Gas Spread	Opt	Floor				1.45	USD	FRPL	1.45	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	IN	Henry Hub Natural Gas (Platts Gas Daily/Platts IFERC) Index Futures	Fut	Electronic				0.67	USD	FRPL	0.67	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	IN	Henry Hub Natural Gas (Platts Gas Daily/Platts IFERC) Index Futures	Fut	Floor				0.67	USD	FRPL	0.67	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	IO	Dawn Natural Gas (Platts Gas Daily/Platts IFERC) Index Futures	Fut	Electronic				0.67	USD	FRPL	0.67	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	IO	Dawn Natural Gas (Platts Gas Daily/Platts IFERC) Index Futures	Fut	Floor				0.67	USD	FRPL	0.67	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	IP	Houston Ship Channel Natural Gas (Platts Gas Daily/Platts IFERC) Index Futures	Fut	Electronic				0.67	USD	FRPL	0.67	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	IP	Houston Ship Channel Natural Gas (Platts Gas Daily/Platts IFERC) Index Futures	Fut	Floor				0.67	USD	FRPL	0.67	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	IQ	ANR, Oklahoma Natural Gas (Platts Gas Daily/Platts IFERC) Index Futures	Fut	Electronic				0.67	USD	FRPL	0.67	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	IQ	ANR, Oklahoma Natural Gas (Platts Gas Daily/Platts IFERC) Index Futures	Fut	Floor				0.67	USD	FRPL	0.67	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	IR	Rockies Natural Gas (Platts Gas Daily/Platts IFERC) Index Futures	Fut	Electronic				0.67	USD	FRPL	0.67	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	IR	Rockies Natural Gas (Platts Gas Daily/Platts IFERC) Index Futures	Fut	Floor				0.67	USD	FRPL	0.67	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	IS	Chicago Natural Gas (Platts Gas Daily/Platts IFERC) Index Futures	Fut	Electronic				0.67	USD	FRPL	0.67	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	IS	Chicago Natural Gas (Platts Gas Daily/Platts IFERC) Index Futures	Fut	Floor				0.67	USD	FRPL	0.67	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	IT	Transco Zone 6 Natural Gas (Platts Gas Daily/Platts IFERC) Index Futures	Fut	Electronic				0.67	USD	FRPL	0.67	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	IT	Transco Zone 6 Natural Gas (Platts Gas Daily/Platts IFERC) Index Futures	Fut	Floor				0.67	USD	FRPL	0.67	0.2	USD	FRPL

Exch Code	Exch Desc	Comm Group	Prod Code	Product Desc	F/O	Platform	Trd Fee	Trd Fee Cur	Trd Fee Meth	Clr Fee	Clr Fee Cur	Clr Fee Meth	Fee Total	Brk Fee	Brk Fee Cur	Brk Fee Meth
NYMEX	New York Mercantile Exchange	Energy	IU	Sumas Natural Gas (Platts Gas Daily/Platts IFERC) Index Futures	Fut	Electronic				0.67	USD	FRPL	0.67	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	IU	Sumas Natural Gas (Platts Gas Daily/Platts IFERC) Index Futures	Fut	Floor				0.67	USD	FRPL	0.67	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	IV	Panhandle Natural Gas (Platts Gas Daily/Platts IFERC) Index Futures	Fut	Electronic				0.67	USD	FRPL	0.67	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	IV	Panhandle Natural Gas (Platts Gas Daily/Platts IFERC) Index Futures	Fut	Floor				0.67	USD	FRPL	0.67	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	IW	NGPL Mid-Con Natural Gas (Platts Gas Daily/Platts IFERC) Index Futures	Fut	Electronic				0.67	USD	FRPL	0.67	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	IW	NGPL Mid-Con Natural Gas (Platts Gas Daily/Platts IFERC) Index Futures	Fut	Floor				0.67	USD	FRPL	0.67	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	IX	TETCO M-3 Natural Gas (Platts Gas Daily/Platts IFERC) Index Futures	Fut	Electronic				0.67	USD	FRPL	0.67	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	IX	TETCO M-3 Natural Gas (Platts Gas Daily/Platts IFERC) Index Futures	Fut	Floor				0.67	USD	FRPL	0.67	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	IY	Waha Natural Gas (Platts Gas Daily/Platts IFERC) Index Futures	Fut	Electronic				0.67	USD	FRPL	0.67	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	IY	Waha Natural Gas (Platts Gas Daily/Platts IFERC) Index Futures	Fut	Floor				0.67	USD	FRPL	0.67	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	IZ	12 month Natural Gas spread	Opt	Electronic				2.5	USD	FRPL	2.5	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	IZ	12 month Natural Gas spread	Opt	Floor				1.45	USD	FRPL	1.45	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	J01	PJM West Hub RT Same Day 01	Opt	Electronic				4	USD	FRPL	4	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	J01	PJM West Hub RT Same Day 01	Opt	Floor				4	USD	FRPL	4	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	J02	PJM West Hub RT Same Day 02	Opt	Electronic				4	USD	FRPL	4	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	J02	PJM West Hub RT Same Day 02	Opt	Floor				4	USD	FRPL	4	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	J03	PJM West Hub RT Same Day 03	Opt	Electronic				4	USD	FRPL	4	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	J03	PJM West Hub RT Same Day 03	Opt	Floor				4	USD	FRPL	4	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	J04	PJM West Hub RT Same Day 04	Opt	Electronic				4	USD	FRPL	4	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	J04	PJM West Hub RT Same Day 04	Opt	Floor				4	USD	FRPL	4	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	J05	PJM West Hub RT Same Day 05	Opt	Electronic				4	USD	FRPL	4	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	J05	PJM West Hub RT Same Day 05	Opt	Floor				4	USD	FRPL	4	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	J06	PJM West Hub RT Same Day 06	Opt	Electronic				4	USD	FRPL	4	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	J06	PJM West Hub RT Same Day 06	Opt	Floor				4	USD	FRPL	4	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	J07	PJM West Hub RT Same Day 07	Opt	Electronic				4	USD	FRPL	4	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	J07	PJM West Hub RT Same Day 07	Opt	Floor				4	USD	FRPL	4	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	J08	PJM West Hub RT Same Day 08	Opt	Electronic				4	USD	FRPL	4	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	J08	PJM West Hub RT Same Day 08	Opt	Floor				4	USD	FRPL	4	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	J09	PJM West Hub RT Same Day 09	Opt	Electronic				4	USD	FRPL	4	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	J09	PJM West Hub RT Same Day 09	Opt	Floor				4	USD	FRPL	4	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	J1	ERCOT South 345 kV Hub 5 MW Off-Peak Futures	Fut	Electronic				0.02	USD	FRPL	0.02	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	J1	ERCOT South 345 kV Hub 5 MW Off-Peak Futures	Fut	Floor				0.02	USD	FRPL	0.02	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	J10	PJM West Hub RT Same Day 10	Opt	Electronic				4	USD	FRPL	4	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	J10	PJM West Hub RT Same Day 10	Opt	Floor				4	USD	FRPL	4	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	J11	PJM West Hub RT Same Day 11	Opt	Electronic				4	USD	FRPL	4	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	J11	PJM West Hub RT Same Day 11	Opt	Floor				4	USD	FRPL	4	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	J12	PJM West Hub RT Same Day 12	Opt	Electronic				4	USD	FRPL	4	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	J12	PJM West Hub RT Same Day 12	Opt	Floor				4	USD	FRPL	4	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	J13	PJM West Hub RT Same Day 13	Opt	Electronic				4	USD	FRPL	4	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	J13	PJM West Hub RT Same Day 13	Opt	Floor				4	USD	FRPL	4	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	J14	PJM West Hub RT Same Day 14	Opt	Electronic				4	USD	FRPL	4	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	J14	PJM West Hub RT Same Day 14	Opt	Floor				4	USD	FRPL	4	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	J15	PJM West Hub RT Same Day 15	Opt	Electronic				4	USD	FRPL	4	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	J15	PJM West Hub RT Same Day 15	Opt	Floor				4	USD	FRPL	4	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	J16	PJM West Hub RT Same Day 16	Opt	Electronic				4	USD	FRPL	4	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	J16	PJM West Hub RT Same Day 16	Opt	Floor				4	USD	FRPL	4	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	J17	PJM West Hub RT Same Day 17	Opt	Electronic				4	USD	FRPL	4	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	J17	PJM West Hub RT Same Day 17	Opt	Floor				4	USD	FRPL	4	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	J18	PJM West Hub RT Same Day 18	Opt	Electronic				4	USD	FRPL	4	0.2	USD	FRPL

Exch Code	Exch Desc	Comm Group	Prod Code	Product Desc	F/O	Platform	Trd Fee	Trd Fee Cur	Trd Fee Meth	Clr Fee	Clr Fee Cur	Clr Fee Meth	Fee Total	Brk Fee	Brk Fee Cur	Brk Fee Meth
NYMEX	New York Mercantile Exchange	Energy	J18	PJM West Hub RT Same Day 18	Opt	Floor				4	USD	FRPL	4	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	J19	PJM West Hub RT Same Day 19	Opt	Electronic				4	USD	FRPL	4	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	J19	PJM West Hub RT Same Day 19	Opt	Floor				4	USD	FRPL	4	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	J2	PJM JCPL Zone Peak Calendar-Month Day-Ahead LMP Futures	Fut	Electronic				0.4	USD	FRPL	0.4	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	J2	PJM JCPL Zone Peak Calendar-Month Day-Ahead LMP Futures	Fut	Floor				0.4	USD	FRPL	0.4	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	J20	PJM West Hub RT Same Day 20	Opt	Electronic				4	USD	FRPL	4	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	J20	PJM West Hub RT Same Day 20	Opt	Floor				4	USD	FRPL	4	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	J21	PJM West Hub RT Same Day 21	Opt	Electronic				4	USD	FRPL	4	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	J21	PJM West Hub RT Same Day 21	Opt	Floor				4	USD	FRPL	4	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	J22	PJM West Hub RT Same Day 22	Opt	Electronic				4	USD	FRPL	4	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	J22	PJM West Hub RT Same Day 22	Opt	Floor				4	USD	FRPL	4	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	J23	PJM West Hub RT Same Day 23	Opt	Electronic				4	USD	FRPL	4	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	J23	PJM West Hub RT Same Day 23	Opt	Floor				4	USD	FRPL	4	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	J24	PJM West Hub RT Same Day 24	Opt	Electronic				4	USD	FRPL	4	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	J24	PJM West Hub RT Same Day 24	Opt	Floor				4	USD	FRPL	4	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	J25	PJM West Hub RT Same Day 25	Opt	Electronic				4	USD	FRPL	4	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	J25	PJM West Hub RT Same Day 25	Opt	Floor				4	USD	FRPL	4	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	J26	PJM West Hub RT Same Day 26	Opt	Electronic				4	USD	FRPL	4	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	J26	PJM West Hub RT Same Day 26	Opt	Floor				4	USD	FRPL	4	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	J27	PJM West Hub RT Same Day 27	Opt	Electronic				4	USD	FRPL	4	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	J27	PJM West Hub RT Same Day 27	Opt	Floor				4	USD	FRPL	4	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	J28	PJM West Hub RT Same Day 28	Opt	Electronic				4	USD	FRPL	4	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	J28	PJM West Hub RT Same Day 28	Opt	Floor				4	USD	FRPL	4	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	J29	PJM West Hub RT Same Day 29	Opt	Electronic				4	USD	FRPL	4	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	J29	PJM West Hub RT Same Day 29	Opt	Floor				4	USD	FRPL	4	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	J30	PJM West Hub RT Same Day 30	Opt	Electronic				4	USD	FRPL	4	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	J30	PJM West Hub RT Same Day 30	Opt	Floor				4	USD	FRPL	4	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	J31	PJM West Hub RT Same Day 31	Opt	Electronic				4	USD	FRPL	4	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	J31	PJM West Hub RT Same Day 31	Opt	Floor				4	USD	FRPL	4	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	J4	PJM Western Hub Day-Ahead Peak Calendar-Month 5 MW Futures	Fut	Electronic				0.4	USD	FRPL	0.4	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	J4	PJM Western Hub Day-Ahead Peak Calendar-Month 5 MW Futures	Fut	Floor				0.4	USD	FRPL	0.4	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	J6	Columbia Gulf, Louisiana Natural Gas (Platts Gas Daily) Swing Futures	Fut	Electronic				0.67	USD	FRPL	0.67	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	J6	Columbia Gulf, Louisiana Natural Gas (Platts Gas Daily) Swing Futures	Fut	Floor				0.67	USD	FRPL	0.67	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	J7	Texas Gas, Zone SL Natural Gas (Platts Gas Daily) Swing Futures	Fut	Electronic				0.67	USD	FRPL	0.67	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	J7	Texas Gas, Zone SL Natural Gas (Platts Gas Daily) Swing Futures	Fut	Floor				0.67	USD	FRPL	0.67	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	J8	Florida Gas, Zone 3 Natural Gas (Platts Gas Daily) Swing Futures	Fut	Electronic				0.67	USD	FRPL	0.67	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	J8	Florida Gas, Zone 3 Natural Gas (Platts Gas Daily) Swing Futures	Fut	Floor				0.67	USD	FRPL	0.67	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	J9	Brent Crude Oil BALMO Futures	Fut	Electronic				1.25	USD	FRPL	1.25	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	J9	Brent Crude Oil BALMO Futures	Fut	Floor				2.7	USD	FRPL	2.7	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	JA	Japan C&F Naphtha (Platts) Futures	Fut	Electronic				9	USD	FRPL	9	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	JA	Japan C&F Naphtha (Platts) Futures	Fut	Floor				9	USD	FRPL	9	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	JA5	Japan C&F Naphtha (Platts) Average Price Options	Opt	Electronic				9	USD	FRPL	9	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	JA5	Japan C&F Naphtha (Platts) Average Price Options	Opt	Floor				9	USD	FRPL	9	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	JB	Japan C&F Naphtha (Platts) Brent Crack Spread Futures	Fut	Electronic				1.25	USD	FRPL	1.25	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	JB	Japan C&F Naphtha (Platts) Brent Crack Spread Futures	Fut	Floor				2.7	USD	FRPL	2.7	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	JC	Jet Cargoes CIF NWE (Platts) vs. Gasoil Futures	Fut	Electronic				9	USD	FRPL	9	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	JC	Jet Cargoes CIF NWE (Platts) vs. Gasoil Futures	Fut	Floor				9	USD	FRPL	9	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	JCL	PJM JCPL Zone Peak Calendar-Month Day-Ahead LMP Option	Opt	Electronic				0.4	USD	FRPL	0.4	0.2	USD	FRPL

Exch Code	Exch Desc	Comm Group	Prod Code	Product Desc	F/O	Platform	Trd Fee	Trd Fee Cur	Trd Fee Meth	Clr Fee	Clr Fee Cur	Clr Fee Meth	Fee Total	Brk Fee	Brk Fee Cur	Brk Fee Meth
NYMEX	New York Mercantile Exchange	Energy	JCL	PJM JCPL Zone Peak Calendar-Month Day-Ahead LMP Option	Opt	Floor				0.4	USD	FRPL	0.4	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	JD	PJM Western Hub Real-Time Peak Calendar-Day 2.5 MW Futures	Fut	Electronic				0.2	USD	FRPL	0.2	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	JD	PJM Western Hub Real-Time Peak Calendar-Day 2.5 MW Futures	Fut	Floor				0.2	USD	FRPL	0.2	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	JE	EIA Flat Tax U.S. Retail Gasoline Futures	Fut	Electronic				1.35	USD	FRPL	1.35	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	JE	EIA Flat Tax U.S. Retail Gasoline Futures	Fut	Floor				1.35	USD	FRPL	1.35	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	JKM	LNG Japan/Korea Marker (Platts) Futures	Fut	Electronic				7	USD	FRPL	7	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	JKM	LNG Japan/Korea Marker (Platts) Futures	Fut	Floor				7	USD	FRPL	7	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	JL	Los Angeles CARBOB Gasoline (OPIS) vs. RBOB Gasoline Futures	Fut	Electronic				2.7	USD	FRPL	2.7	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	JL	Los Angeles CARBOB Gasoline (OPIS) vs. RBOB Gasoline Futures	Fut	Floor				2.7	USD	FRPL	2.7	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	JM	PJM Western Hub Real-Time Peak Calendar-Month 2.5 MW Futures	Fut	Electronic				4	USD	FRPL	4	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	JM	PJM Western Hub Real-Time Peak Calendar-Month 2.5 MW Futures	Fut	Floor				4	USD	FRPL	4	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	JN	NYISO Zone J Day-Ahead Peak Calendar-Day 2.5 MW Futures	Fut	Electronic				0.2	USD	FRPL	0.2	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	JN	NYISO Zone J Day-Ahead Peak Calendar-Day 2.5 MW Futures	Fut	Floor				0.2	USD	FRPL	0.2	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	JO	PJM Calendar-Month LMP Option	Opt	Electronic				4	USD	FRPL	4	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	JO	PJM Calendar-Month LMP Option	Opt	Floor				4	USD	FRPL	4	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	JP	PJM Off-Peak Calendar-Month LMP Futures	Fut	Electronic				4	USD	FRPL	4	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	JP	PJM Off-Peak Calendar-Month LMP Futures	Fut	Floor				4	USD	FRPL	4	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	JR	Jet Barges FOB Rdam (Platts) vs. Gasoil Futures	Fut	Electronic				9	USD	FRPL	9	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	JR	Jet Barges FOB Rdam (Platts) vs. Gasoil Futures	Fut	Floor				9	USD	FRPL	9	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	JS	Los Angeles Jet (OPIS) vs. NY Harbor ULSD Heating Oil Futures	Fut	Electronic				2.7	USD	FRPL	2.7	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	JS	Los Angeles Jet (OPIS) vs. NY Harbor ULSD Heating Oil Futures	Fut	Floor				2.7	USD	FRPL	2.7	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	JU	Gulf Coast Jet (Argus) Up-Down Futures	Fut	Electronic				2.7	USD	FRPL	2.7	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	JU	Gulf Coast Jet (Argus) Up-Down Futures	Fut	Floor				2.7	USD	FRPL	2.7	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	K1	ERCOT South 345 kV Hub 5 MW Peak Calendar-Day Futures	Fut	Electronic				0.2	USD	FRPL	0.2	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	K1	ERCOT South 345 kV Hub 5 MW Peak Calendar-Day Futures	Fut	Floor				0.2	USD	FRPL	0.2	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	K2	MISO Indiana Hub (formerly Cinergy Hub) Day-Ahead Off-Peak Calendar-Month 5 MW Futures	Fut	Electronic				0.03	USD	FRPL	0.03	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	K2	MISO Indiana Hub (formerly Cinergy Hub) Day-Ahead Off-Peak Calendar-Month 5 MW Futures	Fut	Floor				0.03	USD	FRPL	0.03	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	K3	NYISO Zone A Day-Ahead Peak Calendar-Month 5 MW Futures	Fut	Electronic				0.4	USD	FRPL	0.4	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	K3	NYISO Zone A Day-Ahead Peak Calendar-Month 5 MW Futures	Fut	Floor				0.4	USD	FRPL	0.4	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	K4	NYISO Zone A Day-Ahead Off-Peak Calendar-Month 5 MW Futures	Fut	Electronic				0.03	USD	FRPL	0.03	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	K4	NYISO Zone A Day-Ahead Off-Peak Calendar-Month 5 MW Futures	Fut	Floor				0.03	USD	FRPL	0.03	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	K6	ANR, Louisiana Natural Gas (Platts Gas Daily) Swing Futures	Fut	Electronic				0.67	USD	FRPL	0.67	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	K6	ANR, Louisiana Natural Gas (Platts Gas Daily) Swing Futures	Fut	Floor				0.67	USD	FRPL	0.67	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	K7	Trunkline ELA Natural Gas (Platts Gas Daily) Swing Futures	Fut	Electronic				0.67	USD	FRPL	0.67	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	K7	Trunkline ELA Natural Gas (Platts Gas Daily) Swing Futures	Fut	Floor				0.67	USD	FRPL	0.67	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	K8	Southern Natural, Louisiana Natural Gas (Platts Gas Daily) Swing Futures	Fut	Electronic				0.67	USD	FRPL	0.67	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	K8	Southern Natural, Louisiana Natural Gas (Platts Gas Daily) Swing Futures	Fut	Floor				0.67	USD	FRPL	0.67	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	K9	Texas Eastern, ELA Natural Gas (Platts Gas Daily) Swing Futures	Fut	Electronic				0.67	USD	FRPL	0.67	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	K9	Texas Eastern, ELA Natural Gas (Platts Gas Daily) Swing Futures	Fut	Floor				0.67	USD	FRPL	0.67	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	KA	NYISO Zone A Peak LBMP Futures	Fut	Electronic				2	USD	FRPL	2	0.2	USD	FRPL

Exch Code	Exch Desc	Comm Group	Prod Code	Product Desc	F/O	Platform	Trd Fee	Trd Fee Cur	Trd Fee Meth	Clr Fee	Clr Fee Cur	Clr Fee Meth	Fee Total	Brk Fee	Brk Fee Cur	Brk Fee Meth
NYMEX	New York Mercantile Exchange	Energy	KA	NYISO Zone A Peak LBMP Futures	Fut	Floor				2	USD	FRPL	2	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	KB	NYISO Zone A Off-Peak LBMP Futures	Fut	Electronic				4	USD	FRPL	4	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	KB	NYISO Zone A Off-Peak LBMP Futures	Fut	Floor				4	USD	FRPL	4	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	KD	Daily Natural Gas	Opt	Electronic				2.5	USD	FRPL	2.5	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	KD	Daily Natural Gas	Opt	Floor				1.45	USD	FRPL	1.45	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	KE	RME Biodiesel FOB Rdam (Argus) vs. Gasoil Futures	Fut	Electronic				2.7	USD	FRPL	2.7	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	KE	RME Biodiesel FOB Rdam (Argus) vs. Gasoil Futures	Fut	Floor				2.7	USD	FRPL	2.7	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	KG	NYISO Zone G Peak LBMP Futures	Fut	Electronic				2	USD	FRPL	2	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	KG	NYISO Zone G Peak LBMP Futures	Fut	Floor				2	USD	FRPL	2	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	KH	NYISO Zone G Off-Peak LBMP Futures	Fut	Electronic				4	USD	FRPL	4	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	KH	NYISO Zone G Off-Peak LBMP Futures	Fut	Floor				4	USD	FRPL	4	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	KI	ISO New England Mass Hub Off-Peak LMP Futures	Fut	Electronic				4	USD	FRPL	4	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	KI	ISO New England Mass Hub Off-Peak LMP Futures	Fut	Floor				4	USD	FRPL	4	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	KJ	NYISO Zone J Peak LBMP Futures	Fut	Electronic				2	USD	FRPL	2	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	KJ	NYISO Zone J Peak LBMP Futures	Fut	Floor				2	USD	FRPL	2	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	KK	NYISO Zone J Off-Peak LBMP Futures	Fut	Electronic				4	USD	FRPL	4	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	KK	NYISO Zone J Off-Peak LBMP Futures	Fut	Floor				4	USD	FRPL	4	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	KL	Los Angeles CARB Diesel (OPIS) vs. NY Harbor ULSD Heating Oil Futures	Fut	Electronic				2.7	USD	FRPL	2.7	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	KL	Los Angeles CARB Diesel (OPIS) vs. NY Harbor ULSD Heating Oil Futures	Fut	Floor				2.7	USD	FRPL	2.7	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	KR	European 3.5% Fuel Oil Barges FOB Rdam (Platts) BALMO Futures	Fut	Electronic				9	USD	FRPL	9	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	KR	European 3.5% Fuel Oil Barges FOB Rdam (Platts) BALMO Futures	Fut	Floor				9	USD	FRPL	9	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	KS	Singapore Jet Kerosene (Platts) Futures	Fut	Electronic				1.25	USD	FRPL	1.25	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	KS	Singapore Jet Kerosene (Platts) Futures	Fut	Floor				1.35	USD	FRPL	1.35	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	KSD	Singapore Jet Kerosene (Platts) Dubai (Platts) Crack Spread Futures	Fut	Electronic				1.25	USD	FRPL	1.25	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	KSD	Singapore Jet Kerosene (Platts) Dubai (Platts) Crack Spread Futures	Fut	Floor				1.25	USD	FRPL	1.25	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Soft	KT	Coffee	Fut	Electronic				1.45	USD	FRPL	1.45	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	KU	Singapore Naphtha (Platts) BALMO Futures	Fut	Electronic				1.25	USD	FRPL	1.25	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	KU	Singapore Naphtha (Platts) BALMO Futures	Fut	Floor				2.7	USD	FRPL	2.7	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	KX	European 1% Fuel Oil Cargoes FOB NWE (Platts) BALMO Futures	Fut	Electronic				9	USD	FRPL	9	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	KX	European 1% Fuel Oil Cargoes FOB NWE (Platts) BALMO Futures	Fut	Floor				9	USD	FRPL	9	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	KZ	European Naphtha (Platts) BALMO Futures	Fut	Electronic				9	USD	FRPL	9	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	KZ	European Naphtha (Platts) BALMO Futures	Fut	Floor				9	USD	FRPL	9	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	L1	PJM Western Hub Peak Calendar-Month Real-Time LMP Futures	Fut	Electronic				0.4	USD	FRPL	0.4	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	L1	PJM Western Hub Peak Calendar-Month Real-Time LMP Futures	Fut	Floor				0.4	USD	FRPL	0.4	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	L2	Columbia Gulf, Mainline Natural Gas (Platts Gas Daily/Platts IFERC) Index Futures	Fut	Electronic				0.67	USD	FRPL	0.67	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	L2	Columbia Gulf, Mainline Natural Gas (Platts Gas Daily/Platts IFERC) Index Futures	Fut	Floor				0.67	USD	FRPL	0.67	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	L3	PJM Northern Illinois Hub Day-Ahead Off-Peak Calendar-Month 5 MW Futures	Fut	Electronic				0.03	USD	FRPL	0.03	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	L3	PJM Northern Illinois Hub Day-Ahead Off-Peak Calendar-Month 5 MW Futures	Fut	Floor				0.03	USD	FRPL	0.03	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	L4	Tennessee 800 Leg Natural Gas (Platts Gas Daily/Platts IFERC) Index Futures	Fut	Electronic				0.67	USD	FRPL	0.67	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	L4	Tennessee 800 Leg Natural Gas (Platts Gas Daily/Platts IFERC) Index Futures	Fut	Floor				0.67	USD	FRPL	0.67	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	L5	PJM PPL Zone Peak Calendar-Month Day-Ahead LMP Futures	Fut	Electronic				0.4	USD	FRPL	0.4	0.2	USD	FRPL

Exch Code	Exch Desc	Comm Group	Prod Code	Product Desc	F/O	Platform	Trd Fee	Trd Fee Cur	Trd Fee Meth	Clr Fee	Clr Fee Cur	Clr Fee Meth	Fee Total	Brk Fee	Brk Fee Cur	Brk Fee Meth
NYMEX	New York Mercantile Exchange	Energy	L5	PJM PPL Zone Peak Calendar-Month Day-Ahead LMP Futures	Fut	Floor				0.4	USD	FRPL	0.4	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	L6	PJM PSEG Zone Peak Calendar-Month Day-Ahead LMP Futures	Fut	Electronic				0.4	USD	FRPL	0.4	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	L6	PJM PSEG Zone Peak Calendar-Month Day-Ahead LMP Futures	Fut	Floor				0.4	USD	FRPL	0.4	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	L7	Transco Zone 2 Natural Gas (Platts Gas Daily/Platts IFERC) Index Futures	Fut	Electronic				0.67	USD	FRPL	0.67	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	L7	Transco Zone 2 Natural Gas (Platts Gas Daily/Platts IFERC) Index Futures	Fut	Floor				0.67	USD	FRPL	0.67	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	L8	PJM DPL Zone Peak Calendar-Month Day-Ahead LMP Futures	Fut	Electronic				0.4	USD	FRPL	0.4	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	L8	PJM DPL Zone Peak Calendar-Month Day-Ahead LMP Futures	Fut	Floor				0.4	USD	FRPL	0.4	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	L9	ISO New England West Central Massachusetts Zone 5 MW Off-Peak Calendar-Month Day Ahead LMP Futures	Fut	Electronic				0.03	USD	FRPL	0.03	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	L9	ISO New England West Central Massachusetts Zone 5 MW Off-Peak Calendar-Month Day Ahead LMP Futures	Fut	Floor				0.03	USD	FRPL	0.03	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	LAI	LNG East Asia Index (ICIS Heren) Futures	Fut	Electronic				7	USD	FRPL	7	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	LAI	LNG East Asia Index (ICIS Heren) Futures	Fut	Floor				7	USD	FRPL	7	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	LB	Heating Oil European Financial Option	Opt	Electronic				2.5	USD	FRPL	2.5	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	LB	Heating Oil European Financial Option	Opt	Floor				1.45	USD	FRPL	1.45	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	LC	Light Sweet Crude Oil European Financial Option	Opt	Electronic				2.5	USD	FRPL	2.5	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	LC	Light Sweet Crude Oil European Financial Option	Opt	Floor				1.45	USD	FRPL	1.45	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	LE	FAME 0 Biodiesel FOB Rdam (Argus) vs. Gasoil Futures	Fut	Electronic				2.7	USD	FRPL	2.7	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	LE	FAME 0 Biodiesel FOB Rdam (Argus) vs. Gasoil Futures	Fut	Floor				2.7	USD	FRPL	2.7	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Other	LEL	LLDPE Linear Low Density Polyethylene (PCW) BALMO Futures	Fut	Electronic				7.5	USD	FRPL	7.5	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Other	LEL	LLDPE Linear Low Density Polyethylene (PCW) BALMO Futures	Fut	Floor				7.5	USD	FRPL	7.5	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	LJ	MISO Minnesota Hub Off-Peak Calendar-Month LMP Futures	Fut	Electronic				2	USD	FRPL	2	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	LJ	MISO Minnesota Hub Off-Peak Calendar-Month LMP Futures	Fut	Floor				2	USD	FRPL	2	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	LL	Los Angeles Jet (OPIS) Futures	Fut	Electronic				1.35	USD	FRPL	1.35	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	LL	Los Angeles Jet (OPIS) Futures	Fut	Floor				1.35	USD	FRPL	1.35	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	LM	MISO Minnesota Hub Peak Calendar-Month LMP Futures	Fut	Electronic				2	USD	FRPL	2	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	LM	MISO Minnesota Hub Peak Calendar-Month LMP Futures	Fut	Floor				2	USD	FRPL	2	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	LN	Henry Hub Natural Gas European Financial Option	Opt	Electronic				2.5	USD	FRPL	2.5	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	LN	Henry Hub Natural Gas European Financial Option	Opt	Floor				1.45	USD	FRPL	1.45	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	LO	Light Sweet Crude Oil	Opt	Electronic				2.5	USD	FRPL	2.5	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	LO	Light Sweet Crude Oil	Opt	Floor				1.45	USD	FRPL	1.45	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Other	LPE	LLDPE Linear Low Density Polyethylene (PCW) Financial Futures	Fut	Electronic				7.5	USD	FRPL	7.5	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Other	LPE	LLDPE Linear Low Density Polyethylene (PCW) Financial Futures	Fut	Floor				7.5	USD	FRPL	7.5	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	LT	Gulf Coast ULSD (Platts) Up-Down Futures	Fut	Electronic				2.7	USD	FRPL	2.7	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	LT	Gulf Coast ULSD (Platts) Up-Down Futures	Fut	Floor				2.7	USD	FRPL	2.7	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	LX	Los Angeles CARB Diesel (OPIS) Futures	Fut	Electronic				1.35	USD	FRPL	1.35	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	LX	Los Angeles CARB Diesel (OPIS) Futures	Fut	Floor				1.35	USD	FRPL	1.35	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	LY	Gulf Coast ULSD (Platts) Futures	Fut	Electronic				1.35	USD	FRPL	1.35	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	LY	Gulf Coast ULSD (Platts) Futures	Fut	Floor				1.35	USD	FRPL	1.35	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Other	M0	Capesize Timecharter Average (Baltic) BALMO Futures	Fut	Electronic				12	USD	FRPL	12	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Other	M0	Capesize Timecharter Average (Baltic) BALMO Futures	Fut	Floor				12	USD	FRPL	12	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	M1	ERCOT South 345 kV Hub 5 MW Off-Peak Calendar-Day Futures	Fut	Electronic				0.02	USD	FRPL	0.02	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	M1	ERCOT South 345 kV Hub 5 MW Off-Peak Calendar-Day Futures	Fut	Floor				0.02	USD	FRPL	0.02	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	M2	Singapore Gasoil APO	Opt	Electronic				1.25	USD	FRPL	1.25	0.2	USD	FRPL

Exch Code	Exch Desc	Comm Group	Prod Code	Product Desc	F/O	Platform	Trd Fee	Trd Fee Cur	Trd Fee Meth	Clr Fee	Clr Fee Cur	Clr Fee Meth	Fee Total	Brk Fee	Brk Fee Cur	Brk Fee Meth
NYMEX	New York Mercantile Exchange	Energy	M2	Singapore Gasoil APO	Opt	Floor				1.35	USD	FRPL	1.35	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	M3	OneOk, Oklahoma Natural Gas (Platts Gas Daily) Swing Futures	Fut	Electronic				0.67	USD	FRPL	0.67	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	M3	OneOk, Oklahoma Natural Gas (Platts Gas Daily) Swing Futures	Fut	Floor				0.67	USD	FRPL	0.67	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	M4	Southern Star, Tx.-Okla.-Kan. Natural Gas (Platts Gas Daily) Swing Futures	Fut	Electronic				0.67	USD	FRPL	0.67	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	M4	Southern Star, Tx.-Okla.-Kan. Natural Gas (Platts Gas Daily) Swing Futures	Fut	Floor				0.67	USD	FRPL	0.67	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	M6	ANR, Louisiana Natural Gas (Platts Gas Daily/Platts IFERC) Index Futures	Fut	Electronic				0.67	USD	FRPL	0.67	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	M6	ANR, Louisiana Natural Gas (Platts Gas Daily/Platts IFERC) Index Futures	Fut	Floor				0.67	USD	FRPL	0.67	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	M7	Trunkline ELA Natural Gas (Platts Gas Daily/Platts IFERC) Index Futures	Fut	Electronic				0.67	USD	FRPL	0.67	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	M7	Trunkline ELA Natural Gas (Platts Gas Daily/Platts IFERC) Index Futures	Fut	Floor				0.67	USD	FRPL	0.67	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	M8	Southern Natural, Louisiana Natural Gas (Platts Gas Daily/Platts IFERC) Index Futures	Fut	Electronic				0.67	USD	FRPL	0.67	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	M8	Southern Natural, Louisiana Natural Gas (Platts Gas Daily/Platts IFERC) Index Futures	Fut	Floor				0.67	USD	FRPL	0.67	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	M9	Texas Eastern, ELA Natural Gas (Platts Gas Daily/Platts IFERC) Index Futures	Fut	Electronic				0.67	USD	FRPL	0.67	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	M9	Texas Eastern, ELA Natural Gas (Platts Gas Daily/Platts IFERC) Index Futures	Fut	Floor				0.67	USD	FRPL	0.67	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	MAE	Mini Argus Propane Far East Index Futures	Fut	Electronic				1.25	USD	FRPL	1.25	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	MAE	Mini Argus Propane Far East Index Futures	Fut	Floor				1.25	USD	FRPL	1.25	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	MAS	Mini Argus Propane (Saudi Aramco) Futures	Fut	Electronic				1.25	USD	FRPL	1.25	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	MAS	Mini Argus Propane (Saudi Aramco) Futures	Fut	Floor				1.25	USD	FRPL	1.25	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	MB	Gulf Coast Sour Crude Oil	Fut	Electronic				1.45	USD	FRPL	1.45	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	MB	Gulf Coast Sour Crude Oil	Fut	Floor				1.45	USD	FRPL	1.45	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	MBB	Mont Belvieu Ethylene (PCW) BALMO Futures	Fut	Electronic				7.5	USD	FRPL	7.5	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	MBB	Mont Belvieu Ethylene (PCW) BALMO Futures	Fut	Floor				7.5	USD	FRPL	7.5	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	MBE	Mont Belvieu Spot Ethylene (PCW) In-Well	Fut	Electronic				7.5	USD	FRPL	7.5	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	MBE	Mont Belvieu Spot Ethylene (PCW) In-Well	Fut	Floor				7.5	USD	FRPL	7.5	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	MBL	Mont Belvieu LDH Iso-Butane (OPIS) Futures	Fut	Electronic				1.35	USD	FRPL	1.35	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	MBL	Mont Belvieu LDH Iso-Butane (OPIS) Futures	Fut	Floor				1.35	USD	FRPL	1.35	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	MBN	Mont Belvieu Ethylene (PCW) Financial Futures	Fut	Electronic				7.5	USD	FRPL	7.5	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	MBN	Mont Belvieu Ethylene (PCW) Financial Futures	Fut	Floor				7.5	USD	FRPL	7.5	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	MC6	Indonesian Coal (McCloskey sub-bituminous 6,000 kcal basis) Futures	Fut	Electronic				7	USD	FRPL	7	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	MC6	Indonesian Coal (McCloskey sub-bituminous 6,000 kcal basis) Futures	Fut	Floor				7	USD	FRPL	7	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	MCC	Indonesian Coal (McCloskey sub-bituminous) Futures	Fut	Electronic				7	USD	FRPL	7	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	MCC	Indonesian Coal (McCloskey sub-bituminous) Futures	Fut	Floor				7	USD	FRPL	7	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	MD	Gulf Coast Unl 87 (Platts) vs. Gulf Coast Heating Oil (Platts) Futures	Fut	Electronic				2.7	USD	FRPL	2.7	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	MD	Gulf Coast Unl 87 (Platts) vs. Gulf Coast Heating Oil (Platts) Futures	Fut	Floor				2.7	USD	FRPL	2.7	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	ME	Gulf Coast Jet (Platts) Up-Down Futures	Fut	Electronic				2.7	USD	FRPL	2.7	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	ME	Gulf Coast Jet (Platts) Up-Down Futures	Fut	Floor				2.7	USD	FRPL	2.7	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	MEN	Mini European Naphtha (Platts) BALMO Futures	Fut	Electronic				1.25	USD	FRPL	1.25	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	MEN	Mini European Naphtha (Platts) BALMO Futures	Fut	Floor				1.25	USD	FRPL	1.25	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	MEO	Mini Gasoline Euro-bob Oxy NWE Barges (Argus) Futures	Fut	Electronic				1.25	USD	FRPL	1.25	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	MEO	Mini Gasoline Euro-bob Oxy NWE Barges (Argus) Futures	Fut	Floor				1.25	USD	FRPL	1.25	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	MF	Gulf Coast No. 6 Fuel Oil 3.0% (Platts) Futures	Fut	Electronic				1.35	USD	FRPL	1.35	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	MF	Gulf Coast No. 6 Fuel Oil 3.0% (Platts) Futures	Fut	Floor				1.35	USD	FRPL	1.35	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	MFD	Mini 1% Fuel Oil Cargoes FOB MED (Platts) Futures	Fut	Electronic				1.25	USD	FRPL	1.25	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	MFD	Mini 1% Fuel Oil Cargoes FOB MED (Platts) Futures	Fut	Floor				1.25	USD	FRPL	1.25	0.2	USD	FRPL

Exch Code	Exch Desc	Comm Group	Prod Code	Product Desc	F/O	Platform	Trd Fee	Trd Fee Cur	Trd Fee Meth	Clr Fee	Clr Fee Cur	Clr Fee Meth	Fee Total	Brk Fee	Brk Fee Cur	Brk Fee Meth
NYMEX	New York Mercantile Exchange	Energy	MFE	Mini 1% Fuel Oil Cargoes FOB NWE (Platts) (Euro Denominated) Futures	Fut	Electronic				1.25	USD	FRPL	1.25	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	MFE	Mini 1% Fuel Oil Cargoes FOB NWE (Platts) (Euro Denominated) Futures	Fut	Floor				1.25	USD	FRPL	1.25	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	MFF	Coal (API4) FOB Richards Bay (ARGUS-McCloskey) Futures	Fut	Electronic				7	USD	FRPL	7	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	MFF	Coal (API4) FOB Richards Bay (ARGUS-McCloskey) Futures	Fut	Floor				7	USD	FRPL	7	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	MFO	Coal (API 4) fob Richards Bay (Argus/McCloskey) Swap	Opt	Electronic				2.9	USD	FRPL	2.9	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	MFO	Coal (API 4) fob Richards Bay (Argus/McCloskey) Swap	Opt	Floor				2.9	USD	FRPL	2.9	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	MFS	MichCon (Platts IFERC) Fixed Price Swap	Fut	Electronic				0.67	USD	FRPL	0.67	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	MFS	MichCon (Platts IFERC) Fixed Price Swap	Fut	Floor				0.67	USD	FRPL	0.67	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	MFT	Mini 3.5% Fuel Oil Barges FOB Rdam (Platts) (Euro Denominated) Futures	Fut	Electronic				1.25	USD	FRPL	1.25	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	MFT	Mini 3.5% Fuel Oil Barges FOB Rdam (Platts) (Euro Denominated) Futures	Fut	Floor				1.25	USD	FRPL	1.25	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	MG	Gulf Coast No. 6 Fuel Oil (Platts) Crack Spread Futures	Fut	Electronic				2.7	USD	FRPL	2.7	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	MG	Gulf Coast No. 6 Fuel Oil (Platts) Crack Spread Futures	Fut	Floor				2.7	USD	FRPL	2.7	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	MGB	Mini Gasoil 0.1 Barges FOB Rdam (Platts) vs. Gasoil Futures	Fut	Electronic				1.25	USD	FRPL	1.25	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	MGB	Mini Gasoil 0.1 Barges FOB Rdam (Platts) vs. Gasoil Futures	Fut	Floor				1.25	USD	FRPL	1.25	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	MGF	Mini Gasoil 0.1 Cargoes CIF NWE (Platts) vs. Gasoil Futures	Fut	Electronic				1.25	USD	FRPL	1.25	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	MGF	Mini Gasoil 0.1 Cargoes CIF NWE (Platts) vs. Gasoil Futures	Fut	Floor				1.25	USD	FRPL	1.25	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	MGG	Mini Gasoil 0.1 Cargoes CIF NWE (Platts) vs. Gasoil (Euro Denominated) Futures	Fut	Electronic				1.25	USD	FRPL	1.25	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	MGG	Mini Gasoil 0.1 Cargoes CIF NWE (Platts) vs. Gasoil (Euro Denominated) Futures	Fut	Floor				1.25	USD	FRPL	1.25	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	MGN	Mini ULSD 10ppm Cargoes CIF NWE (Platts) vs. Gasoil Futures	Fut	Electronic				1.25	USD	FRPL	1.25	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	MGN	Mini ULSD 10ppm Cargoes CIF NWE (Platts) vs. Gasoil Futures	Fut	Floor				1.25	USD	FRPL	1.25	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	MH	Los Angeles CARBOB Gasoline (OPIS) Futures	Fut	Electronic				1.35	USD	FRPL	1.35	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	MH	Los Angeles CARBOB Gasoline (OPIS) Futures	Fut	Floor				1.35	USD	FRPL	1.35	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	MII	Midwest ISO Indiana Hub Monthly Swap	Fut	Electronic				0.4	USD	FRPL	0.4	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	MJB	Mini European Jet Kero Barges FOB Rdam (Platts) vs. Gasoil Futures	Fut	Electronic				1.25	USD	FRPL	1.25	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	MJB	Mini European Jet Kero Barges FOB Rdam (Platts) vs. Gasoil Futures	Fut	Floor				1.25	USD	FRPL	1.25	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	MJC	Mini European Jet Kero Cargoes CIF NWE (Platts) vs. Gasoil Futures	Fut	Electronic				1.25	USD	FRPL	1.25	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	MJC	Mini European Jet Kero Cargoes CIF NWE (Platts) vs. Gasoil Futures	Fut	Floor				1.25	USD	FRPL	1.25	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	MJN	Mini Japan C&F Naphtha (Platts) Futures	Fut	Electronic				1.25	USD	FRPL	1.25	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	MJN	Mini Japan C&F Naphtha (Platts) Futures	Fut	Floor				1.25	USD	FRPL	1.25	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	ML	New York Harbor Residual Fuel (Platts) Crack Spread Futures	Fut	Electronic				2.7	USD	FRPL	2.7	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	ML	New York Harbor Residual Fuel (Platts) Crack Spread Futures	Fut	Floor				2.7	USD	FRPL	2.7	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	MM	New York Harbor Residual Fuel 1.0% (Platts) Futures	Fut	Electronic				1.35	USD	FRPL	1.35	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	MM	New York Harbor Residual Fuel 1.0% (Platts) Futures	Fut	Floor				1.35	USD	FRPL	1.35	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	MMF	Mini 3.5% Fuel Oil Cargoes FOB MED (Platts) Financial Futures	Fut	Electronic				1.25	USD	FRPL	1.25	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	MMF	Mini 3.5% Fuel Oil Cargoes FOB MED (Platts) Financial Futures	Fut	Floor				1.25	USD	FRPL	1.25	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	MNB	Mont Belvieu Normal Butane LDH (OPIS) Futures	Fut	Electronic				1.35	USD	FRPL	1.35	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	MNB	Mont Belvieu Normal Butane LDH (OPIS) Futures	Fut	Floor				1.35	USD	FRPL	1.35	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	MNC	Mini European Naphtha CIF NWE (Platts) Futures	Fut	Electronic				1.25	USD	FRPL	1.25	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	MNC	Mini European Naphtha CIF NWE (Platts) Futures	Fut	Floor				1.25	USD	FRPL	1.25	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	MNG	Henry Hub Natural Gas Last Day Physically Delivered Futures	Fut	Electronic				0.36	USD	FRPL	0.36	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	MNG	Henry Hub Natural Gas Last Day Physically Delivered Futures	Fut	Floor				0.36	USD	FRPL	0.36	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	MO	Mars (Argus) Trade Month Futures	Fut	Electronic				1.35	USD	FRPL	1.35	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	MO	Mars (Argus) Trade Month Futures	Fut	Floor				1.35	USD	FRPL	1.35	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	MOD	PJM ATSI Zone 5 MW Off-Peak Calendar-Month Day-Ahead Futures	Fut	Electronic				0.03	USD	FRPL	0.03	0.2	USD	FRPL

Exch Code	Exch Desc	Comm Group	Prod Code	Product Desc	F/O	Platform	Trd Fee	Trd Fee Cur	Trd Fee Meth	Clr Fee	Clr Fee Cur	Clr Fee Meth	Fee Total	Brk Fee	Brk Fee Cur	Brk Fee Meth
NYMEX	New York Mercantile Exchange	Energy	MOD	PJM ATSI Zone 5 MW Off-Peak Calendar-Month Day-Ahead Futures	Fut	Floor				0.03	USD	FRPL	0.03	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	MOR	PJM ATSI Zone 5 MW Off-Peak Calendar-Month Real-Time Futures	Fut	Electronic				0.03	USD	FRPL	0.03	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	MOR	PJM ATSI Zone 5 MW Off-Peak Calendar-Month Real-Time Futures	Fut	Floor				0.03	USD	FRPL	0.03	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	MP	Heating Oil Financial Futures	Fut	Electronic				1.35	USD	FRPL	1.35	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	MP	Heating Oil Financial Futures	Fut	Floor				1.35	USD	FRPL	1.35	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	MPD	PJM ATSI Zone 5 MW Peak Calendar-Month Day-Ahead Futures	Fut	Electronic				0.4	USD	FRPL	0.4	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	MPD	PJM ATSI Zone 5 MW Peak Calendar-Month Day-Ahead Futures	Fut	Floor				0.4	USD	FRPL	0.4	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	MPR	PJM ATSI Zone 5 MW Peak Calendar-Month Real-Time Futures	Fut	Electronic				0.4	USD	FRPL	0.4	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	MPR	PJM ATSI Zone 5 MW Peak Calendar-Month Real-Time Futures	Fut	Floor				0.4	USD	FRPL	0.4	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	MQ	Los Angeles Jet Fuel (Platts) vs. NY Harbor ULSD Heating Oil Futures	Fut	Electronic				2.7	USD	FRPL	2.7	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	MQ	Los Angeles Jet Fuel (Platts) vs. NY Harbor ULSD Heating Oil Futures	Fut	Floor				2.7	USD	FRPL	2.7	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	MSD	Singapore Fuel Oil 180 cst (Platts) vs. 380 cst (Platts) BALMO Futures	Fut	Electronic				9	USD	FRPL	9	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	MSD	Singapore Fuel Oil 180 cst (Platts) vs. 380 cst (Platts) BALMO Futures	Fut	Floor				9	USD	FRPL	9	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	MSG	Mini Singapore Gasoil (Platts) Futures	Fut	Electronic				0.13	USD	FRPL	0.13	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	MSG	Mini Singapore Gasoil (Platts) Futures	Fut	Floor				0.13	USD	FRPL	0.13	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	MTB	Mini Singapore Fuel Oil 380 cst (Platts) BALMO Futures	Fut	Electronic				1.25	USD	FRPL	1.25	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	MTB	Mini Singapore Fuel Oil 380 cst (Platts) BALMO Futures	Fut	Floor				1.25	USD	FRPL	1.25	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	MTF	Coal (API2) CIF ARA (ARGUS-McCloskey) Futures	Fut	Electronic				7	USD	FRPL	7	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	MTF	Coal (API2) CIF ARA (ARGUS-McCloskey) Futures	Fut	Floor				7	USD	FRPL	7	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	MTO	Coal (API 2) cif ARA (Argus/McCloskey) Swap	Opt	Electronic				2.9	USD	FRPL	2.9	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	MTO	Coal (API 2) cif ARA (Argus/McCloskey) Swap	Opt	Floor				2.9	USD	FRPL	2.9	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	MTS	Mini Singapore Fuel Oil 380 cst (Platts) Futures	Fut	Electronic				1.25	USD	FRPL	1.25	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	MTS	Mini Singapore Fuel Oil 380 cst (Platts) Futures	Fut	Floor				1.25	USD	FRPL	1.25	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	MUD	Mini European Diesel 10 ppm Barges FOB Rdam (Platts) vs. Gasoil Futures	Fut	Electronic				1.25	USD	FRPL	1.25	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	MUD	Mini European Diesel 10 ppm Barges FOB Rdam (Platts) vs. Gasoil Futures	Fut	Floor				1.25	USD	FRPL	1.25	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	MUL	Mini ULSD 10ppm Cargoes CIF NWE (Platts) vs. Gasoil (Euro Denominated) Futures	Fut	Electronic				1.25	USD	FRPL	1.25	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	MUL	Mini ULSD 10ppm Cargoes CIF NWE (Platts) vs. Gasoil (Euro Denominated) Futures	Fut	Floor				1.25	USD	FRPL	1.25	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	MX	Mars (Argus) Financial Futures	Fut	Electronic				1.35	USD	FRPL	1.35	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	MX	Mars (Argus) Financial Futures	Fut	Floor				1.35	USD	FRPL	1.35	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Other	N0	Panamax Timecharter Average (Baltic) BALMO Futures	Fut	Electronic				6	USD	FRPL	6	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Other	N0	Panamax Timecharter Average (Baltic) BALMO Futures	Fut	Floor				6	USD	FRPL	6	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	N1	ERCOT West 345 kV Hub 5 MW Peak Futures	Fut	Electronic				0.4	USD	FRPL	0.4	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	N1	ERCOT West 345 kV Hub 5 MW Peak Futures	Fut	Floor				0.4	USD	FRPL	0.4	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	N2	Singapore Jet Kerosene APO	Opt	Electronic				1.25	USD	FRPL	1.25	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	N2	Singapore Jet Kerosene APO	Opt	Floor				1.35	USD	FRPL	1.35	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	N3	PJM Northern Illinois Hub Day-Ahead LMP Peak Calendar-Month 5 MW Futures	Fut	Electronic				0.4	USD	FRPL	0.4	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	N3	PJM Northern Illinois Hub Day-Ahead LMP Peak Calendar-Month 5 MW Futures	Fut	Floor				0.4	USD	FRPL	0.4	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	N4	Texas Gas, Zone 1 Natural Gas (Platts Gas Daily/Platts IFERC) Index Futures	Fut	Electronic				0.67	USD	FRPL	0.67	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	N4	Texas Gas, Zone 1 Natural Gas (Platts Gas Daily/Platts IFERC) Index Futures	Fut	Floor				0.67	USD	FRPL	0.67	0.2	USD	FRPL

Exch Code	Exch Desc	Comm Group	Prod Code	Product Desc	F/O	Platform	Trd Fee	Trd Fee Cur	Trd Fee Meth	Clr Fee	Clr Fee Cur	Clr Fee Meth	Fee Total	Brk Fee	Brk Fee Cur	Brk Fee Meth
NYMEX	New York Mercantile Exchange	Energy	N5	SoCal City-Gate Natural Gas (Platts Gas Daily/Platts IFERC) Index Futures	Fut	Electronic				0.67	USD	FRPL	0.67	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	N5	SoCal City-Gate Natural Gas (Platts Gas Daily/Platts IFERC) Index Futures	Fut	Floor				0.67	USD	FRPL	0.67	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	N6	NGPL STX Natural Gas (Platts Gas Daily/Platts IFERC) Index Futures	Fut	Electronic				0.67	USD	FRPL	0.67	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	N6	NGPL STX Natural Gas (Platts Gas Daily/Platts IFERC) Index Futures	Fut	Floor				0.67	USD	FRPL	0.67	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	N7	Algonquin City-Gates Natural Gas (Platts Gas Daily/Platts IFERC) Index Futures	Fut	Electronic				0.67	USD	FRPL	0.67	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	N7	Algonquin City-Gates Natural Gas (Platts Gas Daily/Platts IFERC) Index Futures	Fut	Floor				0.67	USD	FRPL	0.67	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	N8	Questar Natural Gas (Platts Gas Daily/Platts IFERC) Index Futures	Fut	Electronic				0.67	USD	FRPL	0.67	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	N8	Questar Natural Gas (Platts Gas Daily/Platts IFERC) Index Futures	Fut	Floor				0.67	USD	FRPL	0.67	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	N9	PJM Western Hub Real-Time Off-Peak Calendar-Month 5 MW Futures	Fut	Electronic				0.03	USD	FRPL	0.03	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	N9	PJM Western Hub Real-Time Off-Peak Calendar-Month 5 MW Futures	Fut	Floor				0.03	USD	FRPL	0.03	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	N9P	PJM West Hub RT 50 MW Off-Peak	Opt	Electronic				0.3	USD	FRPL	0.3	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	N9P	PJM West Hub RT 50 MW Off-Peak	Opt	Floor				0.3	USD	FRPL	0.3	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	NB	Chicago Natural Gas (Platts IFERC) Basis Futures	Fut	Electronic				0.67	USD	FRPL	0.67	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	NB	Chicago Natural Gas (Platts IFERC) Basis Futures	Fut	Floor				0.67	USD	FRPL	0.67	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	NBB	Naphtha Cargoes CIF NWE (Platts) Crack Spread (1000mt) BALMO Futures	Fut	Electronic				9	USD	FRPL	9	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	NBB	Naphtha Cargoes CIF NWE (Platts) Crack Spread (1000mt) BALMO Futures	Fut	Floor				9	USD	FRPL	9	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	NBZ	Brent 25 Day (Platts) Crude Oil	Fut	Electronic				0.75	USD	FRPL	0.75	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	NBZ	Brent 25 Day (Platts) Crude Oil	Fut	Floor				0.75	USD	FRPL	0.75	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	NCL	Coal (API 6) fob Newcastle (ARGUS-McCloskey) Futures	Fut	Electronic				7	USD	FRPL	7	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	NCL	Coal (API 6) fob Newcastle (ARGUS-McCloskey) Futures	Fut	Floor				7	USD	FRPL	7	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	NCP	Daily European Naphtha (Platts) CIF NWE Swap	Fut	Electronic				9	USD	FRPL	9	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	NCP	Daily European Naphtha (Platts) CIF NWE Swap	Fut	Floor				9	USD	FRPL	9	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	ND	ANR, Louisiana Natural Gas (Platts IFERC) Basis Futures	Fut	Electronic				0.67	USD	FRPL	0.67	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	ND	ANR, Louisiana Natural Gas (Platts IFERC) Basis Futures	Fut	Floor				0.67	USD	FRPL	0.67	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	NE	ANR, Oklahoma Natural Gas (Platts IFERC) Basis Futures	Fut	Electronic				0.67	USD	FRPL	0.67	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	NE	ANR, Oklahoma Natural Gas (Platts IFERC) Basis Futures	Fut	Floor				0.67	USD	FRPL	0.67	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	NEL	ISO New England Mass Hub Peak LMP Option on Calendar Futures Strip	Opt	Electronic				48	USD	FRPL	48	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	NEL	ISO New England Mass Hub Peak LMP Option on Calendar Futures Strip	Opt	Floor				48	USD	FRPL	48	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	NF	MichCon Natural Gas (Platts IFERC) Basis Futures	Fut	Electronic				0.67	USD	FRPL	0.67	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	NF	MichCon Natural Gas (Platts IFERC) Basis Futures	Fut	Floor				0.67	USD	FRPL	0.67	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	NFC	NY 1% Fuel Oil (Platts) Crack Spread BALMO Futures	Fut	Electronic				1.35	USD	FRPL	1.35	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	NFC	NY 1% Fuel Oil (Platts) Crack Spread BALMO Futures	Fut	Floor				1.35	USD	FRPL	1.35	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	NFG	NY 1% Fuel Oil (Platts) vs. Gulf Coast 3% Fuel Oil (Platts) BALMO Futures	Fut	Electronic				1.35	USD	FRPL	1.35	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	NFG	NY 1% Fuel Oil (Platts) vs. Gulf Coast 3% Fuel Oil (Platts) BALMO Futures	Fut	Floor				1.35	USD	FRPL	1.35	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	NFS	NGPL Mid-COn (Platts IFERC) fIxed Price Swap	Fut	Electronic				0.67	USD	FRPL	0.67	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	NFS	NGPL Mid-COn (Platts IFERC) fIxed Price Swap	Fut	Floor				0.67	USD	FRPL	0.67	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	NG	Henry Hub Natural Gas	Fut	Electronic				1.45	USD	FRPL	1.45	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	NG	Henry Hub Natural Gas	Fut	Floor				1.45	USD	FRPL	1.45	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	NH	Houston Ship Channel Natural Gas (Platts IFERC) Basis Futures	Fut	Electronic				0.67	USD	FRPL	0.67	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	NH	Houston Ship Channel Natural Gas (Platts IFERC) Basis Futures	Fut	Floor				0.67	USD	FRPL	0.67	0.2	USD	FRPL

Exch Code	Exch Desc	Comm Group	Prod Code	Product Desc	F/O	Platform	Trd Fee	Trd Fee Cur	Trd Fee Meth	Clr Fee	Clr Fee Cur	Clr Fee Meth	Fee Total	Brk Fee	Brk Fee Cur	Brk Fee Meth
NYMEX	New York Mercantile Exchange	Energy	NI	ISO New England Mass Hub Day-Ahead Peak Calendar-Month 2.5 MW Futures	Fut	Electronic				4	USD	FRPL	4	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	NI	ISO New England Mass Hub Day-Ahead Peak Calendar-Month 2.5 MW Futures	Fut	Floor				4	USD	FRPL	4	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	NJ	San Juan Natural Gas (Platts IFERC) Basis Futures	Fut	Electronic				0.67	USD	FRPL	0.67	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	NJ	San Juan Natural Gas (Platts IFERC) Basis Futures	Fut	Floor				0.67	USD	FRPL	0.67	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	NK	Sumas Natural Gas (Platts IFERC) Basis Futures	Fut	Electronic				0.67	USD	FRPL	0.67	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	NK	Sumas Natural Gas (Platts IFERC) Basis Futures	Fut	Floor				0.67	USD	FRPL	0.67	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	NL	NGPL Mid-Con Natural Gas (Platts IFERC) Basis Futures	Fut	Electronic				0.67	USD	FRPL	0.67	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	NL	NGPL Mid-Con Natural Gas (Platts IFERC) Basis Futures	Fut	Floor				0.67	USD	FRPL	0.67	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	NM	Tennessee 500 Leg Natural Gas (Platts IFERC) Basis Futures	Fut	Electronic				0.67	USD	FRPL	0.67	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	NM	Tennessee 500 Leg Natural Gas (Platts IFERC) Basis Futures	Fut	Floor				0.67	USD	FRPL	0.67	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	NN	Henry Hub Natural Gas Swap	Fut	Electronic				0.34	USD	FRPL	0.34	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	NNC	NYISO NYC In-City Capacity Calendar-Month Futures	Fut	Electronic				27	USD	FRPL	27	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	NNC	NYISO NYC In-City Capacity Calendar-Month Futures	Fut	Floor				27	USD	FRPL	27	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	NOB	Naphtha Cargoes CIF NWE (Platts) Crack Spread (1000mt) Futures	Fut	Electronic				9	USD	FRPL	9	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	NOB	Naphtha Cargoes CIF NWE (Platts) Crack Spread (1000mt) Futures	Fut	Floor				9	USD	FRPL	9	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	NOC	PJM Northern Illinois Hub Real Time Off Peak Calendar Day 2.5 MW	Fut	Electronic				0.01	USD	FRPL	0.01	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	NOC	PJM Northern Illinois Hub Real Time Off Peak Calendar Day 2.5 MW	Fut	Floor				0.01	USD	FRPL	0.01	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	NP	Henry Hub Natural Gas Penultimate Swap	Fut	Electronic				0.34	USD	FRPL	0.34	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	NP	Henry Hub Natural Gas Penultimate Swap	Fut	Floor				0.34	USD	FRPL	0.34	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	NQ	Tennessee Zone 0 Natural Gas (Platts IFERC) Basis Futures	Fut	Electronic				0.67	USD	FRPL	0.67	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	NQ	Tennessee Zone 0 Natural Gas (Platts IFERC) Basis Futures	Fut	Floor				0.67	USD	FRPL	0.67	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	NR	Rockies Natural Gas (Platts IFERC) Basis Futures	Fut	Electronic				0.67	USD	FRPL	0.67	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	NR	Rockies Natural Gas (Platts IFERC) Basis Futures	Fut	Floor				0.67	USD	FRPL	0.67	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	NRS	NYISO Rest of the State Capacity Calendar-Month Futures	Fut	Electronic				27	USD	FRPL	27	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	NRS	NYISO Rest of the State Capacity Calendar-Month Futures	Fut	Floor				27	USD	FRPL	27	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	NS	SoCal Natural Gas (Platts IFERC) Basis Futures	Fut	Electronic				0.67	USD	FRPL	0.67	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	NS	SoCal Natural Gas (Platts IFERC) Basis Futures	Fut	Floor				0.67	USD	FRPL	0.67	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	NSF	European Hot Rolled Coil, Ex-Works Ruhr Germany (Platts) Futures	Fut	Electronic				6	USD	FRPL	6	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	NSF	European Hot Rolled Coil, Ex-Works Ruhr Germany (Platts) Futures	Fut	Floor				6	USD	FRPL	6	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	NU	Trunkline, Louisiana Natural Gas (Platts IFERC) Basis Futures	Fut	Electronic				0.67	USD	FRPL	0.67	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	NU	Trunkline, Louisiana Natural Gas (Platts IFERC) Basis Futures	Fut	Floor				0.67	USD	FRPL	0.67	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	NV	Kern River Natural Gas (Platts IFERC) Basis Futures	Fut	Electronic				0.67	USD	FRPL	0.67	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	NV	Kern River Natural Gas (Platts IFERC) Basis Futures	Fut	Floor				0.67	USD	FRPL	0.67	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	NVP	NY Ethanol (Platts) Average Price Option	Opt	Electronic				1.45	USD	FRPL	1.45	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	NVP	NY Ethanol (Platts) Average Price Option	Opt	Floor				1.45	USD	FRPL	1.45	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	NW	Waha Natural Gas (Platts IFERC) Basis Futures	Fut	Electronic				0.67	USD	FRPL	0.67	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	NW	Waha Natural Gas (Platts IFERC) Basis Futures	Fut	Floor				0.67	USD	FRPL	0.67	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	NWE	European Naphtha Cargoes CIF NWE (Platts) Average Price Option	Opt	Electronic				9	USD	FRPL	9	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	NWE	European Naphtha Cargoes CIF NWE (Platts) Average Price Option	Opt	Floor				9	USD	FRPL	9	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	NX	Texas Eastern Zone M-3 Natural Gas (Platts IFERC) Basis Futures	Fut	Electronic				0.67	USD	FRPL	0.67	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	NX	Texas Eastern Zone M-3 Natural Gas (Platts IFERC) Basis Futures	Fut	Floor				0.67	USD	FRPL	0.67	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	NYB	NY 0.3% Fuel Oil HiPr (Platts) BALMO Futures	Fut	Electronic				1.35	USD	FRPL	1.35	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	NYB	NY 0.3% Fuel Oil HiPr (Platts) BALMO Futures	Fut	Floor				1.35	USD	FRPL	1.35	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	NYC	NY 2.2% Fuel Oil (Platts) vs. Gulf Coast No. 6 Fuel Oil 3.0% (Platts) Futures	Fut	Electronic				1.35	USD	FRPL	1.35	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	NYC	NY 2.2% Fuel Oil (Platts) vs. Gulf Coast No. 6 Fuel Oil 3.0% (Platts) Futures	Fut	Floor				1.35	USD	FRPL	1.35	0.2	USD	FRPL

Exch Code	Exch Desc	Comm Group	Prod Code	Product Desc	F/O	Platform	Trd Fee	Trd Fee Cur	Trd Fee Meth	Clr Fee	Clr Fee Cur	Clr Fee Meth	Fee Total	Brk Fee	Brk Fee Cur	Brk Fee Meth
NYMEX	New York Mercantile Exchange	Energy	NYE	NY 2.2% Fuel Oil (Platts) BALMO Futures	Fut	Electronic				1.35	USD	FRPL	1.35	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	NYE	NY 2.2% Fuel Oil (Platts) BALMO Futures	Fut	Floor				1.35	USD	FRPL	1.35	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	NYF	NY Fuel Oil 1.0% (Platts) vs. European 1% Fuel Oil Cargoes FOB NWE (Platts) Futures	Fut	Electronic				1.35	USD	FRPL	1.35	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	NYF	NY Fuel Oil 1.0% (Platts) vs. European 1% Fuel Oil Cargoes FOB NWE (Platts) Futures	Fut	Floor				1.35	USD	FRPL	1.35	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	NYG	NY Fuel Oil 1.0% (Platts) vs. European 1% Fuel Oil Cargoes FOB NWE (Platts) BALMO Futures	Fut	Electronic				1.35	USD	FRPL	1.35	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	NYG	NY Fuel Oil 1.0% (Platts) vs. European 1% Fuel Oil Cargoes FOB NWE (Platts) BALMO Futures	Fut	Floor				1.35	USD	FRPL	1.35	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	NYH	NY 0.3% Fuel Oil HiPr (Platts) vs. NY Fuel Oil 1.0% (Platts) Futures	Fut	Electronic				1.35	USD	FRPL	1.35	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	NYH	NY 0.3% Fuel Oil HiPr (Platts) vs. NY Fuel Oil 1.0% (Platts) Futures	Fut	Floor				1.35	USD	FRPL	1.35	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	NYI	NY 0.7% Fuel Oil (Platts) vs. NY 1.0% Fuel Oil (Platts) Futures	Fut	Electronic				1.35	USD	FRPL	1.35	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	NYI	NY 0.7% Fuel Oil (Platts) vs. NY 1.0% Fuel Oil (Platts) Futures	Fut	Floor				1.35	USD	FRPL	1.35	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	NYS	NY 0.7% Fuel Oil (Platts) BALMO Futures	Fut	Electronic				1.35	USD	FRPL	1.35	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	NYS	NY 0.7% Fuel Oil (Platts) BALMO Futures	Fut	Floor				1.35	USD	FRPL	1.35	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	NYT	NY 3.0% Fuel Oil (Platts) BALMO Futures	Fut	Electronic				1.35	USD	FRPL	1.35	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	NYT	NY 3.0% Fuel Oil (Platts) BALMO Futures	Fut	Floor				1.35	USD	FRPL	1.35	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	NZ	Transco Zone 6 Natural Gas (Platts IFERC) Basis Futures	Fut	Electronic				0.67	USD	FRPL	0.67	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	NZ	Transco Zone 6 Natural Gas (Platts IFERC) Basis Futures	Fut	Floor				0.67	USD	FRPL	0.67	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	O1	ERCOT West 345 kV Hub 5 MW Off-Peak Futures	Fut	Electronic				0.03	USD	FRPL	0.03	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	O1	ERCOT West 345 kV Hub 5 MW Off-Peak Futures	Fut	Floor				0.03	USD	FRPL	0.03	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	OB	NY Harbor RBOB Gasoline	Opt	Electronic				2.5	USD	FRPL	2.5	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	OB	NY Harbor RBOB Gasoline	Opt	Floor				1.45	USD	FRPL	1.45	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	ODB	Daily Brent Crude Oil	Opt	Electronic				1.45	USD	FRPL	1.45	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	ODB	Daily Brent Crude Oil	Opt	Floor				0.45	USD	FRPL	0.45	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	OE	ISO New England Peak Calendar-Month LMP Option	Opt	Electronic				4	USD	FRPL	4	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	OE	ISO New England Peak Calendar-Month LMP Option	Opt	Floor				4	USD	FRPL	4	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	OEM	MISO Indiana Hub (formerly Cinergy Hub) Peak Option on Calendar Futures Strip	Opt	Electronic				24	USD	FRPL	24	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	OEM	MISO Indiana Hub (formerly Cinergy Hub) Peak Option on Calendar Futures Strip	Opt	Floor				24	USD	FRPL	24	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	OFD	Ontario Off-Peak Calendar-Day Futures	Fut	Electronic				0.03	USD	FRPL	0.03	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	OFD	Ontario Off-Peak Calendar-Day Futures	Fut	Floor				0.03	USD	FRPL	0.03	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	OFM	Ontario Off-Peak Calendar-Month Futures	Fut	Electronic				0.03	USD	FRPL	0.03	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	OFM	Ontario Off-Peak Calendar-Month Futures	Fut	Floor				0.03	USD	FRPL	0.03	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	OH	Heating Oil	Opt	Electronic				2.5	USD	FRPL	2.5	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	OH	Heating Oil	Opt	Floor				1.45	USD	FRPL	1.45	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	OI	NGPL TexOk Natural Gas (Platts Gas Daily/Platts IFERC) Index Futures	Fut	Electronic				0.67	USD	FRPL	0.67	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	OI	NGPL TexOk Natural Gas (Platts Gas Daily/Platts IFERC) Index Futures	Fut	Floor				0.67	USD	FRPL	0.67	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	OJ	MISO Illinois Hub Off-Peak Calendar-Month LMP Futures	Fut	Electronic				4	USD	FRPL	4	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	OJ	MISO Illinois Hub Off-Peak Calendar-Month LMP Futures	Fut	Floor				4	USD	FRPL	4	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	OM	MISO Illinois Hub Peak Calendar-Month LMP Futures	Fut	Electronic				4	USD	FRPL	4	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	OM	MISO Illinois Hub Peak Calendar-Month LMP Futures	Fut	Floor				4	USD	FRPL	4	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	ON	Henry Hub Natural Gas	Opt	Electronic				2.5	USD	FRPL	2.5	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	ON	Henry Hub Natural Gas	Opt	Floor				1.45	USD	FRPL	1.45	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	OPD	Ontario Peak Calendar-Day Futures	Fut	Electronic				0.4	USD	FRPL	0.4	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	OPD	Ontario Peak Calendar-Day Futures	Fut	Floor				0.4	USD	FRPL	0.4	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	OPM	Ontario Peak Calendar-Month Futures	Fut	Electronic				0.4	USD	FRPL	0.4	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	OPM	Ontario Peak Calendar-Month Futures	Fut	Floor				0.4	USD	FRPL	0.4	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	OR	Regional Greenhouse Gas Initiative Co2 Allowance	Opt	Electronic				2.5	USD	FRPL	2.5	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	OS	Brent Crude Oil	Opt	Electronic				1.45	USD	FRPL	1.45	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	OS	Brent Crude Oil	Opt	Floor				0.45	USD	FRPL	0.45	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	OT	PJM AEP Dayton Hub Peak Calendar-Month LMP Option	Opt	Electronic				4	USD	FRPL	4	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	OT	PJM AEP Dayton Hub Peak Calendar-Month LMP Option	Opt	Floor				4	USD	FRPL	4	0.2	USD	FRPL

Exch Code	Exch Desc	Comm Group	Prod Code	Product Desc	F/O	Platform	Trd Fee	Trd Fee Cur	Trd Fee Meth	Clr Fee	Clr Fee Cur	Clr Fee Meth	Fee Total	Brk Fee	Brk Fee Cur	Brk Fee Meth
NYMEX	New York Mercantile Exchange	Energy	OU	PJM Northern Illinois Hub Peak Calendar-Month LMP Option	Opt	Electronic				4	USD	FRPL	4	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	OU	PJM Northern Illinois Hub Peak Calendar-Month LMP Option	Opt	Floor				4	USD	FRPL	4	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	OW	Dawn Natural Gas (Platts Gas Daily) Swing Futures	Fut	Electronic				0.67	USD	FRPL	0.67	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	OW	Dawn Natural Gas (Platts Gas Daily) Swing Futures	Fut	Floor				0.67	USD	FRPL	0.67	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	OX	NGPL TexOk Natural Gas (Platts Gas Daily) Swing Futures	Fut	Electronic				0.67	USD	FRPL	0.67	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	OX	NGPL TexOk Natural Gas (Platts Gas Daily) Swing Futures	Fut	Floor				0.67	USD	FRPL	0.67	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	OY	MISO Indiana Hub (formerly Cinergy Hub) Peak Calendar-Month LMP Option	Opt	Electronic				4	USD	FRPL	4	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	OY	MISO Indiana Hub (formerly Cinergy Hub) Peak Calendar-Month LMP Option	Opt	Floor				4	USD	FRPL	4	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Other	P0	Supramax Timecharter Average (Baltic) BALMO Futures	Fut	Electronic				6	USD	FRPL	6	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Other	P0	Supramax Timecharter Average (Baltic) BALMO Futures	Fut	Floor				6	USD	FRPL	6	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Other	P1	Polypropylene	Fut	Electronic				7.5	USD	FRPL	7.5	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Other	P1	Polypropylene	Fut	Floor				7.5	USD	FRPL	7.5	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	P2	ISO New England Connecticut Zone 5 MW Peak Calendar-Month Day-Ahead LMP Futures	Fut	Electronic				0.4	USD	FRPL	0.4	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	P2	ISO New England Connecticut Zone 5 MW Peak Calendar-Month Day-Ahead LMP Futures	Fut	Floor				0.4	USD	FRPL	0.4	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	P3	ISO New England Connecticut Zone 5 MW Off-Peak Calendar-Month Day-Ahead LMP Futures	Fut	Electronic				0.03	USD	FRPL	0.03	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	P3	ISO New England Connecticut Zone 5 MW Off-Peak Calendar-Month Day-Ahead LMP Futures	Fut	Floor				0.03	USD	FRPL	0.03	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	P4	ISO New England South East Massachusetts Zone 5 MW Peak Calendar-Month Day-Ahead LMP Futures	Fut	Electronic				0.4	USD	FRPL	0.4	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	P4	ISO New England South East Massachusetts Zone 5 MW Peak Calendar-Month Day-Ahead LMP Futures	Fut	Floor				0.4	USD	FRPL	0.4	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	P5	ISO New England South East Massachusetts Zone 5 MW Off-Peak Calendar-Month Day-Ahead LMP Futures	Fut	Electronic				0.03	USD	FRPL	0.03	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	P5	ISO New England South East Massachusetts Zone 5 MW Off-Peak Calendar-Month Day-Ahead LMP Futures	Fut	Floor				0.03	USD	FRPL	0.03	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Other	P6	Polyethylene	Fut	Electronic				7.5	USD	FRPL	7.5	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Other	P6	Polyethylene	Fut	Floor				7.5	USD	FRPL	7.5	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	P7	ISO New England North East Massachusetts Zone 5 MW Peak Calendar-Month Day-Ahead LMP Futures	Fut	Electronic				0.4	USD	FRPL	0.4	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	P7	ISO New England North East Massachusetts Zone 5 MW Peak Calendar-Month Day-Ahead LMP Futures	Fut	Floor				0.4	USD	FRPL	0.4	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	P8	ISO New England North East Massachusetts Zone 5 MW Off-Peak Calendar-Month Day-Ahead LMP Futures	Fut	Electronic				0.03	USD	FRPL	0.03	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	P8	ISO New England North East Massachusetts Zone 5 MW Off-Peak Calendar-Month Day-Ahead LMP Futures	Fut	Floor				0.03	USD	FRPL	0.03	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	P9	ISO New England Maine Zone 5 MW Peak Calendar-Month Day-Ahead LMP Futures	Fut	Electronic				0.4	USD	FRPL	0.4	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	P9	ISO New England Maine Zone 5 MW Peak Calendar-Month Day-Ahead LMP Futures	Fut	Floor				0.4	USD	FRPL	0.4	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Metal	PA	Palladium	Fut	Electronic				1.45	USD	FRPL	1.45	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Metal	PA	Palladium	Fut	Floor				1.45	USD	FRPL	1.45	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Metal	PAO	Palladium	Opt	Electronic				1.45	USD	FRPL	1.45	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Metal	PAO	Palladium	Opt	Floor				1.45	USD	FRPL	1.45	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	PAP	PJM AEP Dayton Hub Day-Ahead Peak Calendar Day 2.5 MW	Fut	Electronic				0.2	USD	FRPL	0.2	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	PAP	PJM AEP Dayton Hub Day-Ahead Peak Calendar Day 2.5 MW	Fut	Floor				0.2	USD	FRPL	0.2	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	PB	Malin Natural Gas (Platts IFERC) Basis Futures	Fut	Electronic				0.67	USD	FRPL	0.67	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	PB	Malin Natural Gas (Platts IFERC) Basis Futures	Fut	Floor				0.67	USD	FRPL	0.67	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	PC	PG&E Citygate Natural Gas (Platts IFERC) Basis Futures	Fut	Electronic				0.67	USD	FRPL	0.67	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	PC	PG&E Citygate Natural Gas (Platts IFERC) Basis Futures	Fut	Floor				0.67	USD	FRPL	0.67	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	PCL	Certified Emission Reduction Plus (CERPlus) Option	Opt	Electronic				3	USD	FRPL	3	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	PD	NGPL TexOk Natural Gas (Platts IFERC) Basis Futures	Fut	Electronic				0.67	USD	FRPL	0.67	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	PD	NGPL TexOk Natural Gas (Platts IFERC) Basis Futures	Fut	Floor				0.67	USD	FRPL	0.67	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	PDD	MISO Indiana Hub Day-Ahead Peak Calendar-Day 5 MW Futures	Fut	Electronic				0.4	USD	FRPL	0.4	0.2	USD	FRPL

Exch Code	Exch Desc	Comm Group	Prod Code	Product Desc	F/O	Platform	Trd Fee	Trd Fee Cur	Trd Fee Meth	Clr Fee	Clr Fee Cur	Clr Fee Meth	Fee Total	Brk Fee	Brk Fee Cur	Brk Fee Meth
NYMEX	New York Mercantile Exchange	Energy	PDD	MISO Indiana Hub Day-Ahead Peak Calendar-Day 5 MW Futures	Fut	Floor				0.4	USD	FRPL	0.4	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	PDM	MISO Indiana Hub Day-Ahead Peak Calendar-Month 5 MW Futures	Fut	Electronic				0.4	USD	FRPL	0.4	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	PDM	MISO Indiana Hub Day-Ahead Peak Calendar-Month 5 MW Futures	Fut	Floor				0.4	USD	FRPL	0.4	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	PE	Demarc Natural Gas (Platts IFERC) Basis Futures	Fut	Electronic				0.67	USD	FRPL	0.67	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	PE	Demarc Natural Gas (Platts IFERC) Basis Futures	Fut	Floor				0.67	USD	FRPL	0.67	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	PEO	PJM AEP Dayton Hub Day Ahead Off Peak Calendar Day 2.5 MW	Fut	Electronic				0.01	USD	FRPL	0.01	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	PEO	PJM AEP Dayton Hub Day Ahead Off Peak Calendar Day 2.5 MW	Fut	Floor				0.01	USD	FRPL	0.01	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	PEP	PJM PEPCO Zone Peak Calendar-Month Day-Ahead LMP Option	Opt	Electronic				0.4	USD	FRPL	0.4	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	PEP	PJM PEPCO Zone Peak Calendar-Month Day-Ahead LMP Option	Opt	Floor				0.4	USD	FRPL	0.4	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	PF	Ventura Natural Gas (Platts IFERC) Basis Futures	Fut	Electronic				0.67	USD	FRPL	0.67	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	PF	Ventura Natural Gas (Platts IFERC) Basis Futures	Fut	Floor				0.67	USD	FRPL	0.67	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	PFS	Permian (Platts IFERC) Fixed Price Swap	Fut	Electronic				0.67	USD	FRPL	0.67	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	PFS	Permian (Platts IFERC) Fixed Price Swap	Fut	Floor				0.67	USD	FRPL	0.67	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Other	PFU	Panamax Timecharter Average (Baltic) Futures	Fut	Electronic				6	USD	FRPL	6	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Other	PFU	Panamax Timecharter Average (Baltic) Futures	Fut	Floor				6	USD	FRPL	6	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	PG	Dominion, South Point Natural Gas (Platts IFERC) Basis Futures	Fut	Electronic				0.67	USD	FRPL	0.67	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	PG	Dominion, South Point Natural Gas (Platts IFERC) Basis Futures	Fut	Floor				0.67	USD	FRPL	0.67	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Other	PGP	PGP Polymer Grade Propylene (PCW) Financial Futures	Fut	Electronic				7.5	USD	FRPL	7.5	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Other	PGP	PGP Polymer Grade Propylene (PCW) Financial Futures	Fut	Floor				7.5	USD	FRPL	7.5	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	PH	Panhandle Natural Gas (Platts IFERC) Basis Futures	Fut	Electronic				0.67	USD	FRPL	0.67	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	PH	Panhandle Natural Gas (Platts IFERC) Basis Futures	Fut	Floor				0.67	USD	FRPL	0.67	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	PJ	San Juan Natural Gas (Platts IFERC) "Pipe" Option	Opt	Electronic				0.63	USD	FRPL	0.63	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	PJ	San Juan Natural Gas (Platts IFERC) "Pipe" Option	Opt	Floor				0.63	USD	FRPL	0.63	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	PJD	PJM AEP Dayton Hub Peak 50 MW Calendar-Month LMP Option	Opt	Electronic				80	USD	FRPL	80	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	PJD	PJM AEP Dayton Hub Peak 50 MW Calendar-Month LMP Option	Opt	Floor				80	USD	FRPL	80	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	PJH	PJM Northern Illinois Hub Peak 50 MW Calendar-Month LMP Option on Calendar Swap Future	Opt	Electronic				480	USD	FRPL	480	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	PJH	PJM Northern Illinois Hub Peak 50 MW Calendar-Month LMP Option on Calendar Swap Future	Opt	Floor				480	USD	FRPL	480	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	PJN	PJM Northern Illinois Hub Peak 50 MW Calendar-Month LMP Option	Opt	Electronic				80	USD	FRPL	80	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	PJN	PJM Northern Illinois Hub Peak 50 MW Calendar-Month LMP Option	Opt	Floor				80	USD	FRPL	80	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	PJP	PJM AEP Dayton Hub Peak 50 MW Calendar-Month LMP Option on Calendar Swap Future	Opt	Electronic				480	USD	FRPL	480	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	PJP	PJM AEP Dayton Hub Peak 50 MW Calendar-Month LMP Option on Calendar Swap Future	Opt	Floor				480	USD	FRPL	480	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	PK	Houston Ship Channel Natural Gas (Platts IFERC) "Pipe" Option	Opt	Electronic				0.63	USD	FRPL	0.63	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	PK	Houston Ship Channel Natural Gas (Platts IFERC) "Pipe" Option	Opt	Floor				0.63	USD	FRPL	0.63	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Metal	PL	Platinum	Fut	Electronic				1.45	USD	FRPL	1.45	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Metal	PL	Platinum	Fut	Floor				1.45	USD	FRPL	1.45	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	PM	Permian Natural Gas (Platts IFERC) Basis Futures	Fut	Electronic				0.67	USD	FRPL	0.67	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	PM	Permian Natural Gas (Platts IFERC) Basis Futures	Fut	Floor				0.67	USD	FRPL	0.67	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	PML	PJM 50 MW Calendar-Month LMP Option	Opt	Electronic				80	USD	FRPL	80	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	PML	PJM 50 MW Calendar-Month LMP Option	Opt	Floor				80	USD	FRPL	80	0.2	USD	FRPL

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NYMEX	New York Mercantile Exchange	Energy	PNO	PJM Northern Illinois Hub Day Ahead Off Peak Calendar Day 2.5 MW	Fut	Electronic				0.01	USD	FRPL	0.01	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	PNO	PJM Northern Illinois Hub Day Ahead Off Peak Calendar Day 2.5 MW	Fut	Floor				0.01	USD	FRPL	0.01	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	PNP	PJM Northern Illinois Hub Day Ahead Peak Calendar Day 2.5 MW	Fut	Electronic				0.2	USD	FRPL	0.2	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	PNP	PJM Northern Illinois Hub Day Ahead Peak Calendar Day 2.5 MW	Fut	Floor				0.2	USD	FRPL	0.2	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Metal	PO	Platinum	Opt	Electronic				1.45	USD	FRPL	1.45	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Metal	PO	Platinum	Opt	Floor				1.45	USD	FRPL	1.45	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	PPB	Pine Prairie Energy Center (PPEC) Nat Gas BALMO	Fut	Electronic				1.25	USD	FRPL	1.25	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	PPB	Pine Prairie Energy Center (PPEC) Nat Gas BALMO	Fut	Floor				1.25	USD	FRPL	1.25	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	PPD	Pine Prairie Energy Center (PPEC) Nat Gas Daily/Weekend	Fut	Electronic				1.25	USD	FRPL	1.25	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	PPD	Pine Prairie Energy Center (PPEC) Nat Gas Daily/Weekend	Fut	Floor				1.25	USD	FRPL	1.25	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	PPE	Pine Prairie Energy Center (PPEC) Physically Delivered Nat Gas Monthly Basis	Fut	Electronic				1.25	USD	FRPL	1.25	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	PPM	Pine Prairie Energy Center (PPEC) Nat Gas Monthly	Fut	Electronic				1.25	USD	FRPL	1.25	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	PPM	Pine Prairie Energy Center (PPEC) Nat Gas Monthly	Fut	Floor				1.25	USD	FRPL	1.25	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Other	PPP	PP Polypropylene (PCW) Financial Futures	Fut	Electronic				7.5	USD	FRPL	7.5	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Other	PPP	PP Polypropylene (PCW) Financial Futures	Fut	Floor				7.5	USD	FRPL	7.5	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Other	PPW	PP PolypropyleneÂ (PCW) BALMO Futures	Fut	Electronic				7.5	USD	FRPL	7.5	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Other	PPW	PP PolypropyleneÂ (PCW) BALMO Futures	Fut	Floor				7.5	USD	FRPL	7.5	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	PS	European Propane CIF ARA (Argus) Futures	Fut	Electronic				9	USD	FRPL	9	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	PS	European Propane CIF ARA (Argus) Futures	Fut	Floor				9	USD	FRPL	9	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	PSG	PJM PSEG Zone Peak Calendar-Month Day-Ahead LMP Option	Opt	Electronic				0.4	USD	FRPL	0.4	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	PSG	PJM PSEG Zone Peak Calendar-Month Day-Ahead LMP Option	Opt	Floor				0.4	USD	FRPL	0.4	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	PTD	MISO Indiana Hub Real-Time Peak Calendar-Day 5 MW Futures	Fut	Electronic				0.4	USD	FRPL	0.4	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	PTD	MISO Indiana Hub Real-Time Peak Calendar-Day 5 MW Futures	Fut	Floor				0.4	USD	FRPL	0.4	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	PTM	MISO Indiana Hub Real-Time Peak Calendar-Month 5 MW Futures	Fut	Electronic				0.4	USD	FRPL	0.4	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	PTM	MISO Indiana Hub Real-Time Peak Calendar-Month 5 MW Futures	Fut	Floor				0.4	USD	FRPL	0.4	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	PU	Panhandle Natural Gas (Platts IFERC) "Pipe" Option	Opt	Electronic				0.63	USD	FRPL	0.63	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	PU	Panhandle Natural Gas (Platts IFERC) "Pipe" Option	Opt	Floor				0.63	USD	FRPL	0.63	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	PW	CenterPoint Natural Gas (Platts IFERC) Basis Futures	Fut	Electronic				0.67	USD	FRPL	0.67	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	PW	CenterPoint Natural Gas (Platts IFERC) Basis Futures	Fut	Floor				0.67	USD	FRPL	0.67	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	PWO	PJM Western Hub Day Ahead Off Peak Calendar Day 2.5 MW	Fut	Electronic				0.01	USD	FRPL	0.01	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	PWO	PJM Western Hub Day Ahead Off Peak Calendar Day 2.5 MW	Fut	Floor				0.01	USD	FRPL	0.01	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	PWP	PJM Western Hub Day-Ahead Peak Calendar Day 2.5 MW	Fut	Electronic				0.2	USD	FRPL	0.2	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	PWP	PJM Western Hub Day-Ahead Peak Calendar Day 2.5 MW	Fut	Floor				0.2	USD	FRPL	0.2	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	PX	NGPL Mid-Con Natural Gas (Platts Gas Daily) Swing Futures	Fut	Electronic				0.67	USD	FRPL	0.67	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	PX	NGPL Mid-Con Natural Gas (Platts Gas Daily) Swing Futures	Fut	Floor				0.67	USD	FRPL	0.67	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	PY	Chicago Natural Gas (Platts IFERC) "Pipe" Option	Opt	Electronic				0.63	USD	FRPL	0.63	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	PY	Chicago Natural Gas (Platts IFERC) "Pipe" Option	Opt	Floor				0.63	USD	FRPL	0.63	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Other	Q0	Handysize Timecharter Average (Baltic) BALMO Futures	Fut	Electronic				4	USD	FRPL	4	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Other	Q0	Handysize Timecharter Average (Baltic) BALMO Futures	Fut	Floor				4	USD	FRPL	4	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	Q1	Columbia Gas TCO (Platts Gas Daily/Platts IFERC) Index Futures	Fut	Electronic				0.67	USD	FRPL	0.67	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	Q1	Columbia Gas TCO (Platts Gas Daily/Platts IFERC) Index Futures	Fut	Floor				0.67	USD	FRPL	0.67	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	Q2	TETCO STX Natural Gas (Platts Gas Daily/Platts IFERC) Index Futures	Fut	Electronic				0.67	USD	FRPL	0.67	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	Q2	TETCO STX Natural Gas (Platts Gas Daily/Platts IFERC) Index Futures	Fut	Floor				0.67	USD	FRPL	0.67	0.2	USD	FRPL

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NYMEX	New York Mercantile Exchange	Energy	Q4	Tennessee Zone 0 Natural Gas (Platts Gas Daily/Platts IFERC) Index Futures	Fut	Electronic				0.67	USD	FRPL	0.67	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	Q4	Tennessee Zone 0 Natural Gas (Platts Gas Daily/Platts IFERC) Index Futures	Fut	Floor				0.67	USD	FRPL	0.67	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	Q5	NYISO Zone C 5 MW Peak Calendar-Month Day-Ahead LBMP Futures	Fut	Electronic				0.2	USD	FRPL	0.2	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	Q5	NYISO Zone C 5 MW Peak Calendar-Month Day-Ahead LBMP Futures	Fut	Floor				0.2	USD	FRPL	0.2	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	Q6	European 3.5% Fuel Oil Barges FOB Rdam (Platts) Average Price Option	Opt	Electronic				0.4	USD	FRPL	0.4	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	Q6	European 3.5% Fuel Oil Barges FOB Rdam (Platts) Average Price Option	Opt	Floor				0.4	USD	FRPL	0.4	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	Q7	NGPL STX Natural Gas (Platts Gas Daily) Swing Futures	Fut	Electronic				0.67	USD	FRPL	0.67	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	Q7	NGPL STX Natural Gas (Platts Gas Daily) Swing Futures	Fut	Floor				0.67	USD	FRPL	0.67	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	Q8	PJM PEPCO Zone Off-Peak Calendar-Month Day-Ahead LMP Futures	Fut	Electronic				0.03	USD	FRPL	0.03	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	Q8	PJM PEPCO Zone Off-Peak Calendar-Month Day-Ahead LMP Futures	Fut	Floor				0.03	USD	FRPL	0.03	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	Q9	Florida Gas, Zone 3 Natural Gas (Platts Gas Daily/Platts IFERC) Index Futures	Fut	Electronic				0.67	USD	FRPL	0.67	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	Q9	Florida Gas, Zone 3 Natural Gas (Platts Gas Daily/Platts IFERC) Index Futures	Fut	Floor				0.67	USD	FRPL	0.67	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	QA	Gasoil Mini Financial Futures	Fut	Electronic				1.25	USD	FRPL	1.25	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	QA	Gasoil Mini Financial Futures	Fut	Floor				1.25	USD	FRPL	1.25	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	QG	E-Mini Natural Gas	Fut	Floor				0.5	USD	FRPL	0.5	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	QH	E-mini Heating Oil	Fut	Floor				1.2	USD	FRPL	1.2	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	QL	Central Appalachian Coal	Fut	Electronic				7.5	USD	FRPL	7.5	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	QM	E-mini Crude Oil	Fut	Electronic				1.2	USD	FRPL	1.2	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	QM	E-mini Crude Oil	Fut	Floor				1.2	USD	FRPL	1.2	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	QP	Powder River Basin Coal (Platts OTC Broker Index) Futures	Fut	Electronic				2.5	USD	FRPL	2.5	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	QP	Powder River Basin Coal (Platts OTC Broker Index) Futures	Fut	Floor				2.5	USD	FRPL	2.5	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	QU	E-mini Gasoline	Fut	Floor				1.2	USD	FRPL	1.2	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	QX	CSX Coal (Platts OTC Broker Index) Futures	Fut	Electronic				5	USD	FRPL	5	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	QX	CSX Coal (Platts OTC Broker Index) Futures	Fut	Floor				5	USD	FRPL	5	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	R0	Mont Belvieu Natural Gasoline (OPIS) BALMO Futures	Fut	Electronic				2.7	USD	FRPL	2.7	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	R0	Mont Belvieu Natural Gasoline (OPIS) BALMO Futures	Fut	Floor				2.7	USD	FRPL	2.7	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	R1	ERCOT West 345 kV Hub 5 MW Peak Calendar-Day Futures	Fut	Electronic				0.2	USD	FRPL	0.2	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	R1	ERCOT West 345 kV Hub 5 MW Peak Calendar-Day Futures	Fut	Floor				0.2	USD	FRPL	0.2	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	R2	Russian Export Blend Crude Oil	Fut	Electronic				1.8	USD	FRPL	1.8	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	R3	PJM BGE Zone Off-Peak Calendar-Month Day-Ahead LMP Futures	Fut	Electronic				0.03	USD	FRPL	0.03	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	R3	PJM BGE Zone Off-Peak Calendar-Month Day-Ahead LMP Futures	Fut	Floor				0.03	USD	FRPL	0.03	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	R4	ERCOT West 345 kV Hub 5 MW Off-Peak Calendar-Day Futures	Fut	Electronic				0.02	USD	FRPL	0.02	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	R4	ERCOT West 345 kV Hub 5 MW Off-Peak Calendar-Day Futures	Fut	Floor				0.02	USD	FRPL	0.02	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	R5	PJM DOM Zone Peak Calendar-Month Day-Ahead LMP Futures	Fut	Electronic				0.2	USD	FRPL	0.2	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	R5	PJM DOM Zone Peak Calendar-Month Day-Ahead LMP Futures	Fut	Floor				0.2	USD	FRPL	0.2	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	R6	ISO New England West Central Massachusetts Zone 5 MW Peak Calendar-Month Day-Ahead LMP Futures	Fut	Electronic				0.4	USD	FRPL	0.4	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	R6	ISO New England West Central Massachusetts Zone 5 MW Peak Calendar-Month Day-Ahead LMP Futures	Fut	Floor				0.4	USD	FRPL	0.4	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	R7	PJM AEP Dayton Hub Day-Ahead Off-Peak Calendar-Month 5 MW Futures	Fut	Electronic				0.03	USD	FRPL	0.03	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	R7	PJM AEP Dayton Hub Day-Ahead Off-Peak Calendar-Month 5 MW Futures	Fut	Floor				0.03	USD	FRPL	0.03	0.2	USD	FRPL

Exch Code	Exch Desc	Comm Group	Prod Code	Product Desc	F/O	Platform	Trd Fee	Trd Fee Cur	Trd Fee Meth	Clr Fee	Clr Fee Cur	Clr Fee Meth	Fee Total	Brk Fee	Brk Fee Cur	Brk Fee Meth
NYMEX	New York Mercantile Exchange	Energy	R8	PJM PEPCO Zone Peak Calendar-Month Day-Ahead LMP Futures	Fut	Electronic				0.4	USD	FRPL	0.4	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	R8	PJM PEPCO Zone Peak Calendar-Month Day-Ahead LMP Futures	Fut	Floor				0.4	USD	FRPL	0.4	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	RA	RBOB APO	Opt	Electronic				2.5	USD	FRPL	2.5	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	RA	RBOB APO	Opt	Floor				1.45	USD	FRPL	1.45	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	RB	NY Harbor RBOB Gasoline	Fut	Electronic				1.45	USD	FRPL	1.45	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	RB	NY Harbor RBOB Gasoline	Fut	Floor				1.45	USD	FRPL	1.45	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	RBB	RBOB Gasoline Brent Crack Spread Futures	Fut	Electronic				1.35	USD	FRPL	1.35	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	RBB	RBOB Gasoline Brent Crack Spread Futures	Fut	Floor				1.35	USD	FRPL	1.35	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	RBF	RME Biodiesel FOB Rdam (Argus) (RED Compliant) Futures	Fut	Electronic				1.35	USD	FRPL	1.35	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	RBF	RME Biodiesel FOB Rdam (Argus) (RED Compliant) Futures	Fut	Floor				1.35	USD	FRPL	1.35	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	RBG	Gulf Coast Unl 87 Gasoline M2 (Argus) vs. RBOB Gasoline Futures	Fut	Electronic				1.35	USD	FRPL	1.35	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	RBG	Gulf Coast Unl 87 Gasoline M2 (Argus) vs. RBOB Gasoline Futures	Fut	Floor				1.35	USD	FRPL	1.35	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	RC	European Union Allowance	Fut	Electronic				3	USD	FRPL	3	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	RD	Gulf Coast No. 2 (Platts) Crack Spread Futures	Fut	Electronic				2.7	USD	FRPL	2.7	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	RD	Gulf Coast No. 2 (Platts) Crack Spread Futures	Fut	Floor				2.7	USD	FRPL	2.7	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	RE	Russian Export Blend Crude Oil (REBCO)	Fut	Electronic				1.8	USD	FRPL	1.8	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	RF	RBOB Gasoline European Financial Option	Opt	Electronic				2.5	USD	FRPL	2.5	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	RF	RBOB Gasoline European Financial Option	Opt	Floor				1.45	USD	FRPL	1.45	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	RGI	Regional Greenhouse Gas Initiative Co2 Allowance	Fut	Electronic				2.5	USD	FRPL	2.5	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	RH	RBOB Gasoline vs. NY Harbor ULSD Heating Oil Futures	Fut	Electronic				2.7	USD	FRPL	2.7	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	RH	RBOB Gasoline vs. NY Harbor ULSD Heating Oil Futures	Fut	Floor				2.7	USD	FRPL	2.7	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	RI	NY RBOB (Platts) vs. RBOB Gasoline Futures	Fut	Electronic				2.7	USD	FRPL	2.7	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	RI	NY RBOB (Platts) vs. RBOB Gasoline Futures	Fut	Floor				2.7	USD	FRPL	2.7	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	RK	Singapore Jet Kerosene (Platts) vs. Gasoil (Platts) Futures	Fut	Electronic				1.25	USD	FRPL	1.25	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	RK	Singapore Jet Kerosene (Platts) vs. Gasoil (Platts) Futures	Fut	Floor				2.7	USD	FRPL	2.7	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	RL	RBOB Gasoline Financial Futures	Fut	Electronic				1.35	USD	FRPL	1.35	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	RL	RBOB Gasoline Financial Futures	Fut	Floor				1.35	USD	FRPL	1.35	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	RLA	Coal (API 4) fob Richards Bay (ARGUS-McCloskey) option on Calendar Futures Strip	Opt	Electronic				18	USD	FRPL	18	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	RLA	Coal (API 4) fob Richards Bay (ARGUS-McCloskey) option on Calendar Futures Strip	Opt	Floor				18	USD	FRPL	18	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	RM	RBOB Gasoline Crack Spread Futures	Fut	Electronic				2.7	USD	FRPL	2.7	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	RM	RBOB Gasoline Crack Spread Futures	Fut	Floor				2.7	USD	FRPL	2.7	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	RMF	Tokyo Bay A-Grade 1% Sulfur Fuel Oil (RIM) Futures	Fut	Electronic				1.25	USD	FRPL	1.25	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	RMF	Tokyo Bay A-Grade 1% Sulfur Fuel Oil (RIM) Futures	Fut	Floor				1.25	USD	FRPL	1.25	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	RMG	Tokyo Bay Gasoline (RIM) Futures	Fut	Electronic				1.25	USD	FRPL	1.25	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	RMG	Tokyo Bay Gasoline (RIM) Futures	Fut	Floor				1.25	USD	FRPL	1.25	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	RMK	Tokyo Bay Kerosene (RIM) Futures	Fut	Electronic				1.25	USD	FRPL	1.25	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	RMK	Tokyo Bay Kerosene (RIM) Futures	Fut	Floor				1.25	USD	FRPL	1.25	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	RMS	Tokyo Bay 10ppm Gasoil (RIM) Futures	Fut	Electronic				1.25	USD	FRPL	1.25	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	RMS	Tokyo Bay 10ppm Gasoil (RIM) Futures	Fut	Floor				1.25	USD	FRPL	1.25	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	RMU	Tokyo Bay A-Grade 0.1% Sulfur Fuel Oil (RIM) Futures	Fut	Electronic				1.25	USD	FRPL	1.25	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	RMU	Tokyo Bay A-Grade 0.1% Sulfur Fuel Oil (RIM) Futures	Fut	Floor				1.25	USD	FRPL	1.25	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	RPF	Powder River Basin Coal (Platts OTC Broker Index) Option on Quarterly Futures Strip	Opt	Electronic				11.25	USD	FRPL	11.25	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	RPF	Powder River Basin Coal (Platts OTC Broker Index) Option on Quarterly Futures Strip	Opt	Floor				11.25	USD	FRPL	11.25	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	RQA	Coal (API 4) fob Richards Bay (ARGUS-McCloskey) option on Quarterly Futures Strip	Opt	Electronic				4.5	USD	FRPL	4.5	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	RQA	Coal (API 4) fob Richards Bay (ARGUS-McCloskey) option on Quarterly Futures Strip	Opt	Floor				4.5	USD	FRPL	4.5	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	RT	RBOB Gasoline Bullet Futures	Fut	Electronic				1.45	USD	FRPL	1.45	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	RT	RBOB Gasoline Bullet Futures	Fut	Floor				1.45	USD	FRPL	1.45	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	RU	Gulf Coast Unl 87 Gasoline M1 (Platts) Crack Spread Futures	Fut	Electronic				2.7	USD	FRPL	2.7	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	RU	Gulf Coast Unl 87 Gasoline M1 (Platts) Crack Spread Futures	Fut	Floor				2.7	USD	FRPL	2.7	0.2	USD	FRPL

Exch Code	Exch Desc	Comm Group	Prod Code	Product Desc	F/O	Platform	Trd Fee	Trd Fee Cur	Trd Fee Meth	Clr Fee	Clr Fee Cur	Clr Fee Meth	Fee Total	Brk Fee	Brk Fee Cur	Brk Fee Meth
NYMEX	New York Mercantile Exchange	Energy	RUE	ERCOT North 345 kV Hub Day-Ahead 5 MW Off-Peak	Opt	Electronic				3	USD	FRPL	3	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	RV	Gulf Coast Unl 87 Gasoline M1 (Platts) vs. RBOB Gasoline Futures	Fut	Electronic				2.7	USD	FRPL	2.7	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	RV	Gulf Coast Unl 87 Gasoline M1 (Platts) vs. RBOB Gasoline Futures	Fut	Floor				2.7	USD	FRPL	2.7	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	RVG	Gulf Coast Unl 87 Gasoline M2 (Platts) vs. RBOB Gasoline Futures	Fut	Electronic				1.35	USD	FRPL	1.35	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	RVG	Gulf Coast Unl 87 Gasoline M2 (Platts) vs. RBOB Gasoline Futures	Fut	Floor				1.35	USD	FRPL	1.35	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	RX	RBOB Crack Spread	Opt	Electronic				1.45	USD	FRPL	1.45	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	RX	RBOB Crack Spread	Opt	Floor				1.45	USD	FRPL	1.45	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	RY	NY RBOB (Platts) Financial Futures	Fut	Electronic				1.35	USD	FRPL	1.35	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	RY	NY RBOB (Platts) Financial Futures	Fut	Floor				1.35	USD	FRPL	1.35	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	S4	PJM APS Zone Peak Calendar-Month Day-Ahead LMP Futures	Fut	Electronic				0.4	USD	FRPL	0.4	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	S4	PJM APS Zone Peak Calendar-Month Day-Ahead LMP Futures	Fut	Floor				0.4	USD	FRPL	0.4	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	S7	Texas Gas, Zone SL Natural Gas (Platts Gas Daily/Platts IFERC) Index Futures	Fut	Electronic				0.67	USD	FRPL	0.67	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	S7	Texas Gas, Zone SL Natural Gas (Platts Gas Daily/Platts IFERC) Index Futures	Fut	Floor				0.67	USD	FRPL	0.67	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	S9	Columbia Gulf, Louisiana Natural Gas (Platts Gas Daily/Platts IFERC) Index Futures	Fut	Electronic				0.67	USD	FRPL	0.67	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	S9	Columbia Gulf, Louisiana Natural Gas (Platts Gas Daily/Platts IFERC) Index Futures	Fut	Floor				0.67	USD	FRPL	0.67	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	SD	Singapore Fuel Oil 180 cst (Platts) vs. 380 cst (Platts) Futures	Fut	Electronic				9	USD	FRPL	9	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	SD	Singapore Fuel Oil 180 cst (Platts) vs. 380 cst (Platts) Futures	Fut	Floor				9	USD	FRPL	9	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	SE	Singapore Fuel Oil 380 cst (Platts) Futures	Fut	Electronic				9	USD	FRPL	9	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	SE	Singapore Fuel Oil 380 cst (Platts) Futures	Fut	Floor				9	USD	FRPL	9	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	SF	SoCal Natural Gas (Platts Gas Daily) Swing Futures	Fut	Electronic				0.67	USD	FRPL	0.67	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	SF	SoCal Natural Gas (Platts Gas Daily) Swing Futures	Fut	Floor				0.67	USD	FRPL	0.67	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	SFC	Singapore Fuel Oil 180 cst (Platts) Brent Crack Spread Futures	Fut	Electronic				9	USD	FRPL	9	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	SFC	Singapore Fuel Oil 180 cst (Platts) Brent Crack Spread Futures	Fut	Floor				9	USD	FRPL	9	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Other	SFT	Supramax Timecharter Average (Baltic) Futures	Fut	Electronic				6	USD	FRPL	6	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Other	SFT	Supramax Timecharter Average (Baltic) Futures	Fut	Floor				6	USD	FRPL	6	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	SG	Singapore Gasoil (Platts) Futures	Fut	Electronic				1.25	USD	FRPL	1.25	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	SG	Singapore Gasoil (Platts) Futures	Fut	Floor				1.35	USD	FRPL	1.35	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	SGW	SoCal Gas City-Gate Natural Gas (Platts IFERC) Fixed Price Futures	Fut	Electronic				0.67	USD	FRPL	0.67	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	SGW	SoCal Gas City-Gate Natural Gas (Platts IFERC) Fixed Price Futures	Fut	Floor				0.67	USD	FRPL	0.67	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	SH	Dominion, South Point Natural Gas (Platts Gas Daily) Swing Futures	Fut	Electronic				0.67	USD	FRPL	0.67	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	SH	Dominion, South Point Natural Gas (Platts Gas Daily) Swing Futures	Fut	Floor				0.67	USD	FRPL	0.67	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	SJ	San Juan Natural Gas (Platts Gas Daily) Swing Futures	Fut	Electronic				0.67	USD	FRPL	0.67	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	SJ	San Juan Natural Gas (Platts Gas Daily) Swing Futures	Fut	Floor				0.67	USD	FRPL	0.67	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	SK	PG&E Citygate Natural Gas (Platts Gas Daily) Swing Futures	Fut	Electronic				0.67	USD	FRPL	0.67	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	SK	PG&E Citygate Natural Gas (Platts Gas Daily) Swing Futures	Fut	Floor				0.67	USD	FRPL	0.67	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	SL	Permian Natural Gas (Platts Gas Daily) Swing Futures	Fut	Electronic				0.67	USD	FRPL	0.67	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	SL	Permian Natural Gas (Platts Gas Daily) Swing Futures	Fut	Floor				0.67	USD	FRPL	0.67	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	SM	Houston Ship Channel Natural Gas (Platts Gas Daily) Swing Futures	Fut	Electronic				0.67	USD	FRPL	0.67	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	SM	Houston Ship Channel Natural Gas (Platts Gas Daily) Swing Futures	Fut	Floor				0.67	USD	FRPL	0.67	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	SMU	Singapore Mogas 95 Unleaded (Platts) vs. Singapore Mogas 92 Unleaded (Platts) Futures	Fut	Electronic				1.25	USD	FRPL	1.25	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	SMU	Singapore Mogas 95 Unleaded (Platts) vs. Singapore Mogas 92 Unleaded (Platts) Futures	Fut	Floor				1.35	USD	FRPL	1.35	0.2	USD	FRPL

Exch Code	Exch Desc	Comm Group	Prod Code	Product Desc	F/O	Platform	Trd Fee	Trd Fee Cur	Trd Fee Meth	Clr Fee	Clr Fee Cur	Clr Fee Meth	Fee Total	Brk Fee	Brk Fee Cur	Brk Fee Meth
NYMEX	New York Mercantile Exchange	Energy	SN	Henry Hub Natural Gas (Platts Gas Daily) Swing Futures	Fut	Electronic				0.67	USD	FRPL	0.67	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	SN	Henry Hub Natural Gas (Platts Gas Daily) Swing Futures	Fut	Floor				0.67	USD	FRPL	0.67	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	SP	Singapore Naphtha (Platts) Futures	Fut	Electronic				1.25	USD	FRPL	1.25	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	SP	Singapore Naphtha (Platts) Futures	Fut	Floor				1.35	USD	FRPL	1.35	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	SQ	ANR, Oklahoma Natural Gas (Platts Gas Daily) Swing Futures	Fut	Electronic				0.67	USD	FRPL	0.67	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	SQ	ANR, Oklahoma Natural Gas (Platts Gas Daily) Swing Futures	Fut	Floor				0.67	USD	FRPL	0.67	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	SR	Kern Opal Natural Gas (Platts Gas Daily) Swing Futures	Fut	Electronic				0.67	USD	FRPL	0.67	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	SR	Kern Opal Natural Gas (Platts Gas Daily) Swing Futures	Fut	Floor				0.67	USD	FRPL	0.67	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	SS	Chicago Natural Gas (Platts Gas Daily) Swing Futures	Fut	Electronic				0.67	USD	FRPL	0.67	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	SS	Chicago Natural Gas (Platts Gas Daily) Swing Futures	Fut	Floor				0.67	USD	FRPL	0.67	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	SSF	Steel Billet, FOB Black Sea (Platts) Futures	Fut	Electronic				6	USD	FRPL	6	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	SSF	Steel Billet, FOB Black Sea (Platts) Futures	Fut	Floor				6	USD	FRPL	6	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	SSI	Coal (API 8) cfr South China (Argus/McCloskey) Futures	Fut	Electronic				7	USD	FRPL	7	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	SSI	Coal (API 8) cfr South China (Argus/McCloskey) Futures	Fut	Floor				7	USD	FRPL	7	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	ST	Transco Zone 6 Natural Gas (Platts Gas Daily) Swing Futures	Fut	Electronic				0.67	USD	FRPL	0.67	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	ST	Transco Zone 6 Natural Gas (Platts Gas Daily) Swing Futures	Fut	Floor				0.67	USD	FRPL	0.67	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	STB	Singapore Fuel Oil 180 cst (Platts) 6.35 Dubai (Platts) Crack Spread BALMO Futures	Fut	Electronic				1.25	USD	FRPL	1.25	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	STB	Singapore Fuel Oil 180 cst (Platts) 6.35 Dubai (Platts) Crack Spread BALMO Futures	Fut	Floor				1.25	USD	FRPL	1.25	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	STF	Singapore Gasoil 10 ppm (Platts) Futures	Fut	Electronic				1.25	USD	FRPL	1.25	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	STF	Singapore Gasoil 10 ppm (Platts) Futures	Fut	Floor				1.25	USD	FRPL	1.25	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	STI	Singapore Fuel Oil 380 cst (Platts) 6.35 Dubai (Platts) Crack Spread Futures	Fut	Electronic				1.25	USD	FRPL	1.25	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	STI	Singapore Fuel Oil 380 cst (Platts) 6.35 Dubai (Platts) Crack Spread Futures	Fut	Floor				1.25	USD	FRPL	1.25	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	STL	Singapore Gasoil 10 ppm (Platts) BALMO Futures	Fut	Electronic				1.25	USD	FRPL	1.25	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	STL	Singapore Gasoil 10 ppm (Platts) BALMO Futures	Fut	Floor				1.25	USD	FRPL	1.25	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	STR	Singapore Fuel Oil 180 cst (Platts) 6.35 Brent Crack Spread Futures	Fut	Electronic				1.25	USD	FRPL	1.25	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	STR	Singapore Fuel Oil 180 cst (Platts) 6.35 Brent Crack Spread Futures	Fut	Floor				1.25	USD	FRPL	1.25	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	STS	Singapore Fuel Oil 180 cst (Platts) 6.35 Dubai (Platts) Crack Spread Futures	Fut	Electronic				1.25	USD	FRPL	1.25	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	STS	Singapore Fuel Oil 180 cst (Platts) 6.35 Dubai (Platts) Crack Spread Futures	Fut	Floor				1.25	USD	FRPL	1.25	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	STZ	Singapore Gasoil 10 ppm (Platts) vs. Singapore Gasoil (Platts) Futures	Fut	Electronic				1.25	USD	FRPL	1.25	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	STZ	Singapore Gasoil 10 ppm (Platts) vs. Singapore Gasoil (Platts) Futures	Fut	Floor				1.25	USD	FRPL	1.25	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	SU	Sumas Natural Gas (Platts Gas Daily) Swing Futures	Fut	Electronic				0.67	USD	FRPL	0.67	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	SU	Sumas Natural Gas (Platts Gas Daily) Swing Futures	Fut	Floor				0.67	USD	FRPL	0.67	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	SV	Panhandle Natural Gas (Platts Gas Daily) Swing Futures	Fut	Electronic				0.67	USD	FRPL	0.67	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	SV	Panhandle Natural Gas (Platts Gas Daily) Swing Futures	Fut	Floor				0.67	USD	FRPL	0.67	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	SX	TETCO M-3 Natural Gas (Platts Gas Daily) Swing Futures	Fut	Electronic				0.67	USD	FRPL	0.67	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	SX	TETCO M-3 Natural Gas (Platts Gas Daily) Swing Futures	Fut	Floor				0.67	USD	FRPL	0.67	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	SY	Waha Natural Gas (Platts Gas Daily) Swing Futures	Fut	Electronic				0.67	USD	FRPL	0.67	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	SY	Waha Natural Gas (Platts Gas Daily) Swing Futures	Fut	Floor				0.67	USD	FRPL	0.67	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	SZ	Southern Natural, Louisiana Natural Gas (Platts IFERC) Basis Futures	Fut	Electronic				0.67	USD	FRPL	0.67	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	SZ	Southern Natural, Louisiana Natural Gas (Platts IFERC) Basis Futures	Fut	Floor				0.67	USD	FRPL	0.67	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	SZF	Singapore Gasoil 0.05% Sulfur (Platts) Futures	Fut	Electronic				1.25	USD	FRPL	1.25	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	SZF	Singapore Gasoil 0.05% Sulfur (Platts) Futures	Fut	Floor				1.25	USD	FRPL	1.25	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	SZL	Singapore Gasoil 0.05% Sulfur (Platts) BALMO Futures	Fut	Electronic				1.25	USD	FRPL	1.25	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	SZL	Singapore Gasoil 0.05% Sulfur (Platts) BALMO Futures	Fut	Floor				1.25	USD	FRPL	1.25	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	SZZ	Singapore Gasoil 0.05% Sulfur (Platts) vs. Singapore Gasoil (Platts) Futures	Fut	Electronic				1.25	USD	FRPL	1.25	0.2	USD	FRPL

Exch Code	Exch Desc	Comm Group	Prod Code	Product Desc	F/O	Platform	Trd Fee	Trd Fee Cur	Trd Fee Meth	Clr Fee	Clr Fee Cur	Clr Fee Meth	Fee Total	Brk Fee	Brk Fee Cur	Brk Fee Meth
NYMEX	New York Mercantile Exchange	Energy	SZZ	Singapore Gasoil 0.05% Sulfur (Platts) vs. Singapore Gasoil (Platts) Futures	Fut	Floor				1.25	USD	FRPL	1.25	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	T0	Mini European 1% Fuel Oil Barges FOB Rdam (Platts) Futures	Fut	Electronic				1.25	USD	FRPL	1.25	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	T0	Mini European 1% Fuel Oil Barges FOB Rdam (Platts) Futures	Fut	Floor				1.25	USD	FRPL	1.25	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	T2	TETCO STX Natural Gas (Platts Gas Daily) Swing Futures	Fut	Electronic				0.67	USD	FRPL	0.67	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	T2	TETCO STX Natural Gas (Platts Gas Daily) Swing Futures	Fut	Floor				0.67	USD	FRPL	0.67	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	T3	NYISO Zone G Day-Ahead Peak Calendar-Month 5 MW Futures	Fut	Electronic				0.4	USD	FRPL	0.4	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	T3	NYISO Zone G Day-Ahead Peak Calendar-Month 5 MW Futures	Fut	Floor				0.4	USD	FRPL	0.4	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	T4	Tennessee Zone 0 Natural Gas (Platts Gas Daily) Swing Futures	Fut	Electronic				0.67	USD	FRPL	0.67	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	T4	Tennessee Zone 0 Natural Gas (Platts Gas Daily) Swing Futures	Fut	Floor				0.67	USD	FRPL	0.67	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	T5	NGPL STX Natural Gas (Platts IFERC) Basis Futures	Fut	Electronic				0.67	USD	FRPL	0.67	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	T5	NGPL STX Natural Gas (Platts IFERC) Basis Futures	Fut	Floor				0.67	USD	FRPL	0.67	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	T6	Transco Zone 3 Natural Gas (Platts Gas Daily) Swing Futures	Fut	Electronic				0.67	USD	FRPL	0.67	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	T6	Transco Zone 3 Natural Gas (Platts Gas Daily) Swing Futures	Fut	Floor				0.67	USD	FRPL	0.67	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	T7	Tennessee 500 Leg Natural Gas (Platts Gas Daily) Swing Futures	Fut	Electronic				0.67	USD	FRPL	0.67	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	T7	Tennessee 500 Leg Natural Gas (Platts Gas Daily) Swing Futures	Fut	Floor				0.67	USD	FRPL	0.67	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	T8	MichCon Natural Gas (Platts Gas Daily) Swing Futures	Fut	Electronic				0.67	USD	FRPL	0.67	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	T8	MichCon Natural Gas (Platts Gas Daily) Swing Futures	Fut	Floor				0.67	USD	FRPL	0.67	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	T9	SoCal City-Gate Natural Gas (Platts Gas Daily) Swing Futures	Fut	Electronic				0.67	USD	FRPL	0.67	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	T9	SoCal City-Gate Natural Gas (Platts Gas Daily) Swing Futures	Fut	Floor				0.67	USD	FRPL	0.67	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	TA	Questar Natural Gas (Platts IFERC) Basis Futures	Fut	Electronic				0.67	USD	FRPL	0.67	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	TA	Questar Natural Gas (Platts IFERC) Basis Futures	Fut	Floor				0.67	USD	FRPL	0.67	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	TB	Texas Gas, Zone SL Natural Gas (Platts IFERC) Basis Futures	Fut	Electronic				0.67	USD	FRPL	0.67	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	TB	Texas Gas, Zone SL Natural Gas (Platts IFERC) Basis Futures	Fut	Floor				0.67	USD	FRPL	0.67	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	TC	Columbia Gas TCO (Platts IFERC) Basis Futures	Fut	Electronic				0.67	USD	FRPL	0.67	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	TC	Columbia Gas TCO (Platts IFERC) Basis Futures	Fut	Floor				0.67	USD	FRPL	0.67	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	TC6	Freight Route TC6 (Baltic) Futures	Fut	Electronic				5	USD	FRPL	5	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	TC6	Freight Route TC6 (Baltic) Futures	Fut	Floor				5	USD	FRPL	5	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Other	TCF	Freight Route TC5 (Platts) Average Price Option	Opt	Electronic				5	USD	FRPL	5	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Other	TCF	Freight Route TC5 (Platts) Average Price Option	Opt	Floor				5	USD	FRPL	5	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Other	TCW	Freight Route TC2 (Baltic) Average Price Option	Opt	Electronic				5	USD	FRPL	5	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Other	TCW	Freight Route TC2 (Baltic) Average Price Option	Opt	Floor				5	USD	FRPL	5	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Other	TDT	Freight Route TD3 (Baltic) Average Price Option	Opt	Electronic				5	USD	FRPL	5	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Other	TDT	Freight Route TD3 (Baltic) Average Price Option	Opt	Floor				5	USD	FRPL	5	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	TE	TETCO ELA Natural Gas (Platts IFERC) Basis Futures	Fut	Electronic				0.67	USD	FRPL	0.67	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	TE	TETCO ELA Natural Gas (Platts IFERC) Basis Futures	Fut	Floor				0.67	USD	FRPL	0.67	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	TH	Freight Route TC5 (Platts) Futures	Fut	Electronic				5	USD	FRPL	5	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	TH	Freight Route TC5 (Platts) Futures	Fut	Floor				5	USD	FRPL	5	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	TI	Freight Route TD5 (Baltic) Futures	Fut	Electronic				5	USD	FRPL	5	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	TI	Freight Route TD5 (Baltic) Futures	Fut	Floor				5	USD	FRPL	5	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	TJ	Freight Route TC4 (Platts) Futures	Fut	Electronic				5	USD	FRPL	5	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	TJ	Freight Route TC4 (Platts) Futures	Fut	Floor				5	USD	FRPL	5	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	TK	Freight Route TD7 (Baltic) Futures	Fut	Electronic				5	USD	FRPL	5	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	TK	Freight Route TD7 (Baltic) Futures	Fut	Floor				5	USD	FRPL	5	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	TL	Freight Route TD3 (Baltic) Futures	Fut	Electronic				5	USD	FRPL	5	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	TL	Freight Route TD3 (Baltic) Futures	Fut	Floor				5	USD	FRPL	5	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	TM	Freight Route TC2 (Baltic) Futures	Fut	Electronic				5	USD	FRPL	5	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	TM	Freight Route TC2 (Baltic) Futures	Fut	Floor				5	USD	FRPL	5	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	TP	ULSD 10ppm Cargoes CIF NWE (Platts) vs. Gasoil Futures	Fut	Electronic				9	USD	FRPL	9	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	TP	ULSD 10ppm Cargoes CIF NWE (Platts) vs. Gasoil Futures	Fut	Floor				9	USD	FRPL	9	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	TR	Transco Zone 4 Natural Gas (Platts IFERC) Basis Futures	Fut	Electronic				0.67	USD	FRPL	0.67	0.2	USD	FRPL

Exch Code	Exch Desc	Comm Group	Prod Code	Product Desc	F/O	Platform	Trd Fee	Trd Fee Cur	Trd Fee Meth	Clr Fee	Clr Fee Cur	Clr Fee Meth	Fee Total	Brk Fee	Brk Fee Cur	Brk Fee Meth
NYMEX	New York Mercantile Exchange	Energy	TR	Transco Zone 4 Natural Gas (Platts IFERC) Basis Futures	Fut	Floor				0.67	USD	FRPL	0.67	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Soft	TT	Cotton	Fut	Electronic				1.45	USD	FRPL	1.45	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	TU	Gasoil 0.1 Cargoes CIF NWE (Platts) vs. Gasoil Futures	Fut	Electronic				9	USD	FRPL	9	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	TU	Gasoil 0.1 Cargoes CIF NWE (Platts) vs. Gasoil Futures	Fut	Floor				9	USD	FRPL	9	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	TW	Gasoil 0.1 Cargoes CIF NWE (Platts) Futures	Fut	Electronic				9	USD	FRPL	9	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	TW	Gasoil 0.1 Cargoes CIF NWE (Platts) Futures	Fut	Floor				9	USD	FRPL	9	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	TX	TETCO STX Natural Gas (Platts IFERC) Basis Futures	Fut	Electronic				0.67	USD	FRPL	0.67	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	TX	TETCO STX Natural Gas (Platts IFERC) Basis Futures	Fut	Floor				0.67	USD	FRPL	0.67	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	TY	ULSD 10ppm Cargoes CIF NWE (Platts) Futures	Fut	Electronic				9	USD	FRPL	9	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	TY	ULSD 10ppm Cargoes CIF NWE (Platts) Futures	Fut	Floor				9	USD	FRPL	9	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	TZ	Transco Zone 6 Natural Gas (Platts IFERC) "Pipe" Option	Opt	Electronic				0.63	USD	FRPL	0.63	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	TZ	Transco Zone 6 Natural Gas (Platts IFERC) "Pipe" Option	Opt	Floor				0.63	USD	FRPL	0.63	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	TZ5	Transco Zone 5 (Platts Gas Daily) Swing Swap	Fut	Electronic				0.67	USD	FRPL	0.67	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	TZ5	Transco Zone 5 (Platts Gas Daily) Swing Swap	Fut	Floor				0.67	USD	FRPL	0.67	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	TZ6	Transco Zone 6 Non NY (Platts IFERC) Basis Swap	Fut	Electronic				0.67	USD	FRPL	0.67	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	TZ6	Transco Zone 6 Non NY (Platts IFERC) Basis Swap	Fut	Floor				0.67	USD	FRPL	0.67	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	TZI	Transco Zone 6 Non NY (Platts Gas Daily/Platts IFERC) Index Swap	Fut	Electronic				0.67	USD	FRPL	0.67	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	TZI	Transco Zone 6 Non NY (Platts Gas Daily/Platts IFERC) Index Swap	Fut	Floor				0.67	USD	FRPL	0.67	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	TZS	Transco Zone 6 Non-NY (Platts Gas Daily) Swing Swap	Fut	Electronic				0.67	USD	FRPL	0.67	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	TZS	Transco Zone 6 Non-NY (Platts Gas Daily) Swing Swap	Fut	Floor				0.67	USD	FRPL	0.67	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	U01	Short Term Natural Gas Calendar Day 1	Opt	Electronic				2.5	USD	FRPL	2.5	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	U01	Short Term Natural Gas Calendar Day 1	Opt	Floor				1.45	USD	FRPL	1.45	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	U02	Short Term Natural Gas Calendar Day 2	Opt	Electronic				2.5	USD	FRPL	2.5	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	U02	Short Term Natural Gas Calendar Day 2	Opt	Floor				1.45	USD	FRPL	1.45	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	U03	Short Term Natural Gas Calendar Day 3	Opt	Electronic				2.5	USD	FRPL	2.5	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	U03	Short Term Natural Gas Calendar Day 3	Opt	Floor				1.45	USD	FRPL	1.45	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	U04	Short Term Natural Gas Calendar Day 4	Opt	Electronic				2.5	USD	FRPL	2.5	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	U04	Short Term Natural Gas Calendar Day 4	Opt	Floor				1.45	USD	FRPL	1.45	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	U05	Short Term Natural Gas Calendar Day 5	Opt	Electronic				2.5	USD	FRPL	2.5	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	U05	Short Term Natural Gas Calendar Day 5	Opt	Floor				1.45	USD	FRPL	1.45	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	U06	Short Term Natural Gas Calendar Day 6	Opt	Electronic				2.5	USD	FRPL	2.5	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	U06	Short Term Natural Gas Calendar Day 6	Opt	Floor				1.45	USD	FRPL	1.45	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	U07	Short Term Natural Gas Calendar Day 7	Opt	Electronic				2.5	USD	FRPL	2.5	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	U07	Short Term Natural Gas Calendar Day 7	Opt	Floor				1.45	USD	FRPL	1.45	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	U08	Short Term Natural Gas Calendar Day 8	Opt	Electronic				2.5	USD	FRPL	2.5	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	U08	Short Term Natural Gas Calendar Day 8	Opt	Floor				1.45	USD	FRPL	1.45	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	U09	Short Term Natural Gas Calendar Day 9	Opt	Electronic				2.5	USD	FRPL	2.5	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	U09	Short Term Natural Gas Calendar Day 9	Opt	Floor				1.45	USD	FRPL	1.45	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	U1	PJM DOM Zone Off-Peak Calendar-Month Day-Ahead LMP Futures	Fut	Electronic				0.02	USD	FRPL	0.02	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	U1	PJM DOM Zone Off-Peak Calendar-Month Day-Ahead LMP Futures	Fut	Floor				0.02	USD	FRPL	0.02	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	U10	Short Term Natural Gas Calendar Day 10	Opt	Electronic				2.5	USD	FRPL	2.5	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	U10	Short Term Natural Gas Calendar Day 10	Opt	Floor				1.45	USD	FRPL	1.45	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	U11	Short Term Natural Gas Calendar Day 11	Opt	Electronic				2.5	USD	FRPL	2.5	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	U11	Short Term Natural Gas Calendar Day 11	Opt	Floor				1.45	USD	FRPL	1.45	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	U12	Short Term Natural Gas Calendar Day 12	Opt	Electronic				2.5	USD	FRPL	2.5	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	U12	Short Term Natural Gas Calendar Day 12	Opt	Floor				1.45	USD	FRPL	1.45	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	U13	Short Term Natural Gas Calendar Day 13	Opt	Electronic				2.5	USD	FRPL	2.5	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	U13	Short Term Natural Gas Calendar Day 13	Opt	Floor				1.45	USD	FRPL	1.45	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	U14	Short Term Natural Gas Calendar Day 14	Opt	Electronic				2.5	USD	FRPL	2.5	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	U14	Short Term Natural Gas Calendar Day 14	Opt	Floor				1.45	USD	FRPL	1.45	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	U15	Short Term Natural Gas Calendar Day 15	Opt	Electronic				2.5	USD	FRPL	2.5	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	U15	Short Term Natural Gas Calendar Day 15	Opt	Floor				1.45	USD	FRPL	1.45	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	U16	Short Term Natural Gas Calendar Day 16	Opt	Electronic				2.5	USD	FRPL	2.5	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	U16	Short Term Natural Gas Calendar Day 16	Opt	Floor				1.45	USD	FRPL	1.45	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	U17	Short Term Natural Gas Calendar Day 17	Opt	Electronic				2.5	USD	FRPL	2.5	0.2	USD	FRPL

Exch Code	Exch Desc	Comm Group	Prod Code	Product Desc	F/O	Platform	Trd Fee	Trd Fee Cur	Trd Fee Meth	Clr Fee	Clr Fee Cur	Clr Fee Meth	Fee Total	Brk Fee	Brk Fee Cur	Brk Fee Meth
NYMEX	New York Mercantile Exchange	Energy	U17	Short Term Natural Gas Calendar Day 17	Opt	Floor				1.45	USD	FRPL	1.45	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	U18	Short Term Natural Gas Calendar Day 18	Opt	Electronic				2.5	USD	FRPL	2.5	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	U18	Short Term Natural Gas Calendar Day 18	Opt	Floor				1.45	USD	FRPL	1.45	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	U19	Short Term Natural Gas Calendar Day 19	Opt	Electronic				2.5	USD	FRPL	2.5	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	U19	Short Term Natural Gas Calendar Day 19	Opt	Floor				1.45	USD	FRPL	1.45	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	U2	ISO New England New Hampshire Zone 5 MW Peak Calendar-Month Day-Ahead LMP Futures	Fut	Electronic				0.4	USD	FRPL	0.4	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	U2	ISO New England New Hampshire Zone 5 MW Peak Calendar-Month Day-Ahead LMP Futures	Fut	Floor				0.4	USD	FRPL	0.4	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	U20	Short Term Natural Gas Calendar Day 20	Opt	Electronic				2.5	USD	FRPL	2.5	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	U20	Short Term Natural Gas Calendar Day 20	Opt	Floor				1.45	USD	FRPL	1.45	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	U21	Short Term Natural Gas Calendar Day 21	Opt	Electronic				2.5	USD	FRPL	2.5	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	U21	Short Term Natural Gas Calendar Day 21	Opt	Floor				1.45	USD	FRPL	1.45	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	U22	Short Term Natural Gas Calendar Day 22	Opt	Electronic				2.5	USD	FRPL	2.5	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	U22	Short Term Natural Gas Calendar Day 22	Opt	Floor				1.45	USD	FRPL	1.45	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	U23	Short Term Natural Gas Calendar Day 23	Opt	Electronic				2.5	USD	FRPL	2.5	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	U23	Short Term Natural Gas Calendar Day 23	Opt	Floor				1.45	USD	FRPL	1.45	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	U24	Short Term Natural Gas Calendar Day 24	Opt	Electronic				2.5	USD	FRPL	2.5	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	U24	Short Term Natural Gas Calendar Day 24	Opt	Floor				1.45	USD	FRPL	1.45	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	U25	Short Term Natural Gas Calendar Day 25	Opt	Electronic				2.5	USD	FRPL	2.5	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	U25	Short Term Natural Gas Calendar Day 25	Opt	Floor				1.45	USD	FRPL	1.45	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	U26	Short Term Natural Gas Calendar Day 26	Opt	Electronic				2.5	USD	FRPL	2.5	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	U26	Short Term Natural Gas Calendar Day 26	Opt	Floor				1.45	USD	FRPL	1.45	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	U27	Short Term Natural Gas Calendar Day 27	Opt	Electronic				2.5	USD	FRPL	2.5	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	U27	Short Term Natural Gas Calendar Day 27	Opt	Floor				1.45	USD	FRPL	1.45	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	U28	Short Term Natural Gas Calendar Day 28	Opt	Electronic				2.5	USD	FRPL	2.5	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	U28	Short Term Natural Gas Calendar Day 28	Opt	Floor				1.45	USD	FRPL	1.45	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	U29	Short Term Natural Gas Calendar Day 29	Opt	Electronic				2.5	USD	FRPL	2.5	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	U29	Short Term Natural Gas Calendar Day 29	Opt	Floor				1.45	USD	FRPL	1.45	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	U3	ISO New England New Hampshire Zone 5 MW Off-Peak Calendar-Month Day-Ahead LMP Futures	Fut	Electronic				0.03	USD	FRPL	0.03	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	U3	ISO New England New Hampshire Zone 5 MW Off-Peak Calendar-Month Day-Ahead LMP Futures	Fut	Floor				0.03	USD	FRPL	0.03	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	U30	Short Term Natural Gas Calendar Day 30	Opt	Electronic				2.5	USD	FRPL	2.5	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	U30	Short Term Natural Gas Calendar Day 30	Opt	Floor				1.45	USD	FRPL	1.45	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	U31	Short Term Natural Gas Calendar Day 31	Opt	Electronic				2.5	USD	FRPL	2.5	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	U31	Short Term Natural Gas Calendar Day 31	Opt	Floor				1.45	USD	FRPL	1.45	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	U4	ISO New England Rhode Island Zone 5 MW Peak Calendar-Month Day-Ahead LMP Futures	Fut	Electronic				0.4	USD	FRPL	0.4	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	U4	ISO New England Rhode Island Zone 5 MW Peak Calendar-Month Day-Ahead LMP Futures	Fut	Floor				0.4	USD	FRPL	0.4	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	U5	ISO New England Rhode Island Zone 5 MW Off-Peak Calendar-Month Day-Ahead LMP Futures	Fut	Electronic				0.03	USD	FRPL	0.03	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	U5	ISO New England Rhode Island Zone 5 MW Off-Peak Calendar-Month Day-Ahead LMP Futures	Fut	Floor				0.03	USD	FRPL	0.03	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	U7	Diesel 10ppm Barges FOB Rdam (Platts) BALMO Futures	Fut	Electronic				9	USD	FRPL	9	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	U7	Diesel 10ppm Barges FOB Rdam (Platts) BALMO Futures	Fut	Floor				9	USD	FRPL	9	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	U8	CIG Rockies Natural Gas (Platts Gas Daily) Swing Futures	Fut	Electronic				0.67	USD	FRPL	0.67	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	U8	CIG Rockies Natural Gas (Platts Gas Daily) Swing Futures	Fut	Floor				0.67	USD	FRPL	0.67	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	U9	Gasoil BALMO Futures	Fut	Electronic				9	USD	FRPL	9	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	U9	Gasoil BALMO Futures	Fut	Floor				9	USD	FRPL	9	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	UA	Singapore Fuel Oil 180 cst (Platts) Futures	Fut	Electronic				9	USD	FRPL	9	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	UA	Singapore Fuel Oil 180 cst (Platts) Futures	Fut	Floor				9	USD	FRPL	9	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	UB	Dated Brent (Platts) Financial Futures	Fut	Electronic				1.35	USD	FRPL	1.35	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	UB	Dated Brent (Platts) Financial Futures	Fut	Floor				1.35	USD	FRPL	1.35	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	UCM	Mini ULSD 10ppm Cargoes CIF MED (Platts) vs. Gasoil Futures	Fut	Electronic				1.25	USD	FRPL	1.25	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	UCM	Mini ULSD 10ppm Cargoes CIF MED (Platts) vs. Gasoil Futures	Fut	Floor				1.25	USD	FRPL	1.25	0.2	USD	FRPL

Exch Code	Exch Desc	Comm Group	Prod Code	Product Desc	F/O	Platform	Trd Fee	Trd Fee Cur	Trd Fee Meth	Clr Fee	Clr Fee Cur	Clr Fee Meth	Fee Total	Brk Fee	Brk Fee Cur	Brk Fee Meth
NYMEX	New York Mercantile Exchange	Energy	UCU	ULSD 10ppm Cargoes CIF MED (Platts) vs. ULSD 10ppm Cargoes CIF NWE (Platts) Futures	Fut	Electronic				9	USD	FRPL	9	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	UCU	ULSD 10ppm Cargoes CIF MED (Platts) vs. ULSD 10ppm Cargoes CIF NWE (Platts) Futures	Fut	Floor				9	USD	FRPL	9	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	UD	PJM Northern Illinois Hub Real-Time Peak Calendar-Day 2.5 MW Futures	Fut	Electronic				0.2	USD	FRPL	0.2	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	UD	PJM Northern Illinois Hub Real-Time Peak Calendar-Day 2.5 MW Futures	Fut	Floor				0.2	USD	FRPL	0.2	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	UF	European 1% Fuel Oil Cargoes FOB NWE (Platts) Futures	Fut	Electronic				9	USD	FRPL	9	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	UF	European 1% Fuel Oil Cargoes FOB NWE (Platts) Futures	Fut	Floor				9	USD	FRPL	9	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	UGG	Gulf Coast Unl 87 Gasoline M2 (Argus) Futures	Fut	Electronic				1.35	USD	FRPL	1.35	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	UGG	Gulf Coast Unl 87 Gasoline M2 (Argus) Futures	Fut	Floor				1.35	USD	FRPL	1.35	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	UH	European 1% Fuel Oil Barges FOB Rdam (Platts) Futures	Fut	Electronic				9	USD	FRPL	9	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	UH	European 1% Fuel Oil Barges FOB Rdam (Platts) Futures	Fut	Floor				9	USD	FRPL	9	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	UI	European 3.5% Fuel Oil Cargoes FOB MED (Platts) Futures	Fut	Electronic				9	USD	FRPL	9	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	UI	European 3.5% Fuel Oil Cargoes FOB MED (Platts) Futures	Fut	Floor				9	USD	FRPL	9	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	UJ	European Jet Kerosene Cargoes CIF NWE (Platts) Futures	Fut	Electronic				9	USD	FRPL	9	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	UJ	European Jet Kerosene Cargoes CIF NWE (Platts) Futures	Fut	Floor				9	USD	FRPL	9	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	ULB	NY ULSD (Argus) vs. NY Harbor ULSD Heating Oil BALMO Futures	Fut	Electronic				1.35	USD	FRPL	1.35	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	ULB	NY ULSD (Argus) vs. NY Harbor ULSD Heating Oil BALMO Futures	Fut	Floor				1.35	USD	FRPL	1.35	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	UM	PJM Northern Illinois Hub Real-Time Peak Calendar-Month 2.5 MW Futures	Fut	Electronic				4	USD	FRPL	4	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	UM	PJM Northern Illinois Hub Real-Time Peak Calendar-Month 2.5 MW Futures	Fut	Floor				4	USD	FRPL	4	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	UN	European Naphtha Cargoes CIF NWE (Platts) Futures	Fut	Electronic				9	USD	FRPL	9	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	UN	European Naphtha Cargoes CIF NWE (Platts) Futures	Fut	Floor				9	USD	FRPL	9	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	UO	PJM Northern Illinois Hub Off-Peak LMP Futures	Fut	Electronic				4	USD	FRPL	4	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	UO	PJM Northern Illinois Hub Off-Peak LMP Futures	Fut	Floor				4	USD	FRPL	4	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	UR	European Jet Kerosene Barges FOB Rdam (Platts) Futures	Fut	Electronic				9	USD	FRPL	9	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	UR	European Jet Kerosene Barges FOB Rdam (Platts) Futures	Fut	Floor				9	USD	FRPL	9	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	US	Gulf Coast ULSD (Argus) Up-Down Futures	Fut	Electronic				2.7	USD	FRPL	2.7	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	US	Gulf Coast ULSD (Argus) Up-Down Futures	Fut	Floor				2.7	USD	FRPL	2.7	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	UT	Gulf Coast No. 2 (Platts) Up-Down Financial Futures	Fut	Electronic				2.7	USD	FRPL	2.7	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	UT	Gulf Coast No. 2 (Platts) Up-Down Financial Futures	Fut	Floor				2.7	USD	FRPL	2.7	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	UV	European 3.5% Fuel Oil Barges FOB Rdam (Platts) Futures	Fut	Electronic				9	USD	FRPL	9	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	UV	European 3.5% Fuel Oil Barges FOB Rdam (Platts) Futures	Fut	Floor				9	USD	FRPL	9	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	UX	UxC Uranium U3O8 Futures	Fut	Electronic				4	USD	FRPL	4	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	UY	NY ULSD (Platts) vs. NY Harbor ULSD Heating Oil Futures	Fut	Electronic				2.7	USD	FRPL	2.7	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	UY	NY ULSD (Platts) vs. NY Harbor ULSD Heating Oil Futures	Fut	Floor				2.7	USD	FRPL	2.7	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	UZ	Gulf Coast Unl 87 (Argus) Up-Down Futures	Fut	Electronic				2.7	USD	FRPL	2.7	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	UZ	Gulf Coast Unl 87 (Argus) Up-Down Futures	Fut	Floor				2.7	USD	FRPL	2.7	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	V0	Singapore Mogas 95 Unleaded (Platts) Futures	Fut	Electronic				1.35	USD	FRPL	1.35	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	V0	Singapore Mogas 95 Unleaded (Platts) Futures	Fut	Floor				1.35	USD	FRPL	1.35	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Currency	V2	Columbian Peso	Fut	Electronic				2.25	USD	FRPL	2.25	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Currency	V2	Columbian Peso	Fut	Floor				2.25	USD	FRPL	2.25	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	V3	PJM AEP Dayton Hub Real-Time Off-Peak Calendar-Month 5 MW Futures	Fut	Electronic				0.03	USD	FRPL	0.03	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	V3	PJM AEP Dayton Hub Real-Time Off-Peak Calendar-Month 5 MW Futures	Fut	Floor				0.03	USD	FRPL	0.03	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	V7	Argus WTI Trade Month Futures	Fut	Electronic				1.35	USD	FRPL	1.35	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	V7	Argus WTI Trade Month Futures	Fut	Floor				1.35	USD	FRPL	1.35	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	V8	Malin Natural Gas (Platts Gas Daily/Platts IFERC) Index Futures	Fut	Electronic				0.67	USD	FRPL	0.67	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	V8	Malin Natural Gas (Platts Gas Daily/Platts IFERC) Index Futures	Fut	Floor				0.67	USD	FRPL	0.67	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	VA	Certified Emission Reduction	Fut	Electronic				3	USD	FRPL	3	0.2	USD	FRPL

Exch Code	Exch Desc	Comm Group	Prod Code	Product Desc	F/O	Platform	Trd Fee	Trd Fee Cur	Trd Fee Meth	Clr Fee	Clr Fee Cur	Clr Fee Meth	Fee Total	Brk Fee	Brk Fee Cur	Brk Fee Meth
NYMEX	New York Mercantile Exchange	Energy	VD	PJM AEP Dayton Hub Real-Time Peak Calendar-Day 2.5 MW Futures	Fut	Electronic				0.2	USD	FRPL	0.2	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	VD	PJM AEP Dayton Hub Real-Time Peak Calendar-Day 2.5 MW Futures	Fut	Floor				0.2	USD	FRPL	0.2	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	VG	Certified Emission Reduction	Opt	Electronic				3	USD	FRPL	3	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	VI	Ventura Natural Gas (Platts Gas Daily/Platts IFERC) Index Futures	Fut	Electronic				0.67	USD	FRPL	0.67	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	VI	Ventura Natural Gas (Platts Gas Daily/Platts IFERC) Index Futures	Fut	Floor				0.67	USD	FRPL	0.67	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	VK	New York Harbor 1.0% Fuel Oil (Platts) BALMO Futures	Fut	Electronic				2.7	USD	FRPL	2.7	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	VK	New York Harbor 1.0% Fuel Oil (Platts) BALMO Futures	Fut	Floor				2.7	USD	FRPL	2.7	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	VL	Gasoil 0.1 Barges FOB Rdam (Platts) Futures	Fut	Electronic				9	USD	FRPL	9	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	VL	Gasoil 0.1 Barges FOB Rdam (Platts) Futures	Fut	Floor				9	USD	FRPL	9	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	VM	PJM AEP Dayton Hub Real-Time Peak Calendar-Month 2.5 MW Futures	Fut	Electronic				4	USD	FRPL	4	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	VM	PJM AEP Dayton Hub Real-Time Peak Calendar-Month 2.5 MW Futures	Fut	Floor				4	USD	FRPL	4	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	VP	PJM AEP Dayton Hub Off-Peak LMP Futures	Fut	Electronic				4	USD	FRPL	4	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	VP	PJM AEP Dayton Hub Off-Peak LMP Futures	Fut	Floor				4	USD	FRPL	4	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	VQ	NY 0.3% Fuel Oil (Platts) Futures	Fut	Electronic				1.35	USD	FRPL	1.35	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	VQ	NY 0.3% Fuel Oil (Platts) Futures	Fut	Floor				1.35	USD	FRPL	1.35	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	VR	NY 1% Fuel Oil (Platts) vs. Gulf Coast 3% Fuel Oil (Platts) Futures	Fut	Electronic				2.7	USD	FRPL	2.7	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	VR	NY 1% Fuel Oil (Platts) vs. Gulf Coast 3% Fuel Oil (Platts) Futures	Fut	Floor				2.7	USD	FRPL	2.7	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	VS	Ventura Natural Gas (Platts Gas Daily) Swing Futures	Fut	Electronic				0.67	USD	FRPL	0.67	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	VS	Ventura Natural Gas (Platts Gas Daily) Swing Futures	Fut	Floor				0.67	USD	FRPL	0.67	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	VU	Singapore Gasoil (Platts) BALMO Futures	Fut	Electronic				1.25	USD	FRPL	1.25	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	VU	Singapore Gasoil (Platts) BALMO Futures	Fut	Floor				2.7	USD	FRPL	2.7	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	VV	Gulf Coast ULSD (Platts) vs. Gulf Coast Jet (Platts) Futures	Fut	Electronic				2.7	USD	FRPL	2.7	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	VV	Gulf Coast ULSD (Platts) vs. Gulf Coast Jet (Platts) Futures	Fut	Floor				2.7	USD	FRPL	2.7	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	VX	CenterPoint Natural Gas (Platts Gas Daily) Swing Futures	Fut	Electronic				0.67	USD	FRPL	0.67	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	VX	CenterPoint Natural Gas (Platts Gas Daily) Swing Futures	Fut	Floor				0.67	USD	FRPL	0.67	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	VZ	Gulf Coast 3.0% Fuel Oil (Platts) BALMO Futures	Fut	Electronic				2.7	USD	FRPL	2.7	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	VZ	Gulf Coast 3.0% Fuel Oil (Platts) BALMO Futures	Fut	Floor				2.7	USD	FRPL	2.7	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	W0	Singapore Mogas 95 Unleaded (Platts) BALMO Futures	Fut	Electronic				1.25	USD	FRPL	1.25	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	W0	Singapore Mogas 95 Unleaded (Platts) BALMO Futures	Fut	Floor				2.7	USD	FRPL	2.7	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	W2	ISO New England Maine Zone 5 MW Off-Peak Calendar-Month Day-Ahead LMP Futures	Fut	Electronic				0.03	USD	FRPL	0.03	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	W2	ISO New England Maine Zone 5 MW Off-Peak Calendar-Month Day-Ahead LMP Futures	Fut	Floor				0.03	USD	FRPL	0.03	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	W4	PJM APS Zone Off-Peak Calendar-Month Day-Ahead LMP Futures	Fut	Electronic				0.03	USD	FRPL	0.03	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	W4	PJM APS Zone Off-Peak Calendar-Month Day-Ahead LMP Futures	Fut	Floor				0.03	USD	FRPL	0.03	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	W5	Tennessee 800 Leg Natural Gas (Platts Gas Daily) Swing Futures	Fut	Electronic				0.67	USD	FRPL	0.67	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	W5	Tennessee 800 Leg Natural Gas (Platts Gas Daily) Swing Futures	Fut	Floor				0.67	USD	FRPL	0.67	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	W6	PJM PSEG Zone Off-Peak Calendar-Month Day-Ahead LMP Futures	Fut	Electronic				0.03	USD	FRPL	0.03	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	W6	PJM PSEG Zone Off-Peak Calendar-Month Day-Ahead LMP Futures	Fut	Floor				0.03	USD	FRPL	0.03	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	W9	Malin Natural Gas (Platts Gas Daily) Swing Futures	Fut	Electronic				0.67	USD	FRPL	0.67	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	W9	Malin Natural Gas (Platts Gas Daily) Swing Futures	Fut	Floor				0.67	USD	FRPL	0.67	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	WA	1 month Light, Sweet Crude Oil Calendar Spread	Opt	Electronic				2.5	USD	FRPL	2.5	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	WA	1 month Light, Sweet Crude Oil Calendar Spread	Opt	Floor				1.45	USD	FRPL	1.45	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	WB	2 month Light, Sweet Crude Oil Calendar Spread	Opt	Electronic				2.5	USD	FRPL	2.5	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	WB	2 month Light, Sweet Crude Oil Calendar Spread	Opt	Floor				1.45	USD	FRPL	1.45	0.2	USD	FRPL

Exch Code	Exch Desc	Comm Group	Prod Code	Product Desc	F/O	Platform	Trd Fee	Trd Fee Cur	Trd Fee Meth	Clr Fee	Clr Fee Cur	Clr Fee Meth	Fee Total	Brk Fee	Brk Fee Cur	Brk Fee Meth
NYMEX	New York Mercantile Exchange	Energy	WC	3 month Light, Sweet Crude Oil Calendar Spread	Opt	Electronic				2.5	USD	FRPL	2.5	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	WC	3 month Light, Sweet Crude Oil Calendar Spread	Opt	Floor				1.45	USD	FRPL	1.45	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	WCC	Canadian Heavy Crude Oil Index (Net Energy) Futures	Fut	Electronic				2.5	USD	FRPL	2.5	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	WCC	Canadian Heavy Crude Oil Index (Net Energy) Futures	Fut	Floor				2.5	USD	FRPL	2.5	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	WCE	Western Canadian Select (WCS) Crude Oil	Fut	Electronic				1.45	USD	FRPL	1.45	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	WCE	Western Canadian Select (WCS) Crude Oil	Fut	Floor				1.45	USD	FRPL	1.45	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	WCI	Canadian Heavy Crude Oil Index (Net Energy) Average Price Option	Opt	Electronic				3.5	USD	FRPL	3.5	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	WCI	Canadian Heavy Crude Oil Index (Net Energy) Average Price Option	Opt	Floor				3.5	USD	FRPL	3.5	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	WCO	Western Canadian Select (WCS) Crude Oil	Opt	Electronic				2.5	USD	FRPL	2.5	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	WCO	Western Canadian Select (WCS) Crude Oil	Opt	Floor				1.45	USD	FRPL	1.45	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	WE	Ethanol T1 FOB Rdam Excluding Duty (Argus) Futures	Fut	Electronic				1.35	USD	FRPL	1.35	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	WE	Ethanol T1 FOB Rdam Excluding Duty (Argus) Futures	Fut	Floor				1.35	USD	FRPL	1.35	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	WFS	waha (Platts IFERC) Fixed Price Swap	Fut	Electronic				0.67	USD	FRPL	0.67	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	WFS	waha (Platts IFERC) Fixed Price Swap	Fut	Floor				0.67	USD	FRPL	0.67	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	WJ	LLS (Argus) vs. WTI Financial Futures	Fut	Electronic				2.7	USD	FRPL	2.7	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	WJ	LLS (Argus) vs. WTI Financial Futures	Fut	Floor				2.7	USD	FRPL	2.7	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	WM	Light Sweet Crude Oil Jun/Dec	Opt	Electronic				2.5	USD	FRPL	2.5	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	WM	Light Sweet Crude Oil Jun/Dec	Opt	Floor				1.45	USD	FRPL	1.45	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	WOR	PJM Western Hub Real Time Off Peak Calendar Day 2.5 MW	Fut	Electronic				0.01	USD	FRPL	0.01	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	WOR	PJM Western Hub Real Time Off Peak Calendar Day 2.5 MW	Fut	Floor				0.01	USD	FRPL	0.01	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	WQ	Gasoil 0.1 Barges FOB Rdam (Platts) vs. Gasoil Futures	Fut	Electronic				9	USD	FRPL	9	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	WQ	Gasoil 0.1 Barges FOB Rdam (Platts) vs. Gasoil Futures	Fut	Floor				9	USD	FRPL	9	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	WR	Gasoil 0.1 Cargoes FOB NWE (Platts) Futures	Fut	Electronic				9	USD	FRPL	9	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	WR	Gasoil 0.1 Cargoes FOB NWE (Platts) Futures	Fut	Floor				9	USD	FRPL	9	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	WS	Crude Oil Bullet Futures	Fut	Electronic				1.45	USD	FRPL	1.45	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	WS	Crude Oil Bullet Futures	Fut	Floor				1.45	USD	FRPL	1.45	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	WT	Gasoil 0.1 Cargoes FOB NWE (Platts) vs. Gasoil Futures	Fut	Electronic				9	USD	FRPL	9	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	WT	Gasoil 0.1 Cargoes FOB NWE (Platts) vs. Gasoil Futures	Fut	Floor				9	USD	FRPL	9	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	WZ	12 month Light, Sweet Crude Oil Calendar Spread	Opt	Electronic				2.5	USD	FRPL	2.5	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	WZ	12 month Light, Sweet Crude Oil Calendar Spread	Opt	Floor				1.45	USD	FRPL	1.45	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	X0	Singapore Mogas 97 Unleaded (Platts) Futures	Fut	Electronic				1.25	USD	FRPL	1.25	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	X0	Singapore Mogas 97 Unleaded (Platts) Futures	Fut	Floor				1.35	USD	FRPL	1.35	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	X1	PJM AECO Zone Off-Peak Calendar-Month Day-Ahead LMP Futures	Fut	Electronic				0.03	USD	FRPL	0.03	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	X1	PJM AECO Zone Off-Peak Calendar-Month Day-Ahead LMP Futures	Fut	Floor				0.03	USD	FRPL	0.03	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	X2	Columbia Gulf, Mainline Natural Gas (Platts Gas Daily) Swing Futures	Fut	Electronic				0.67	USD	FRPL	0.67	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	X2	Columbia Gulf, Mainline Natural Gas (Platts Gas Daily) Swing Futures	Fut	Floor				0.67	USD	FRPL	0.67	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	X3	Transco Zone 2 Natural Gas (Platts Gas Daily) Swing Futures	Fut	Electronic				0.67	USD	FRPL	0.67	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	X3	Transco Zone 2 Natural Gas (Platts Gas Daily) Swing Futures	Fut	Floor				0.67	USD	FRPL	0.67	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	X4	Transco Zone 1 Natural Gas (Platts Gas Daily) Swing Futures	Fut	Electronic				0.67	USD	FRPL	0.67	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	X4	Transco Zone 1 Natural Gas (Platts Gas Daily) Swing Futures	Fut	Floor				0.67	USD	FRPL	0.67	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	X5	Florida Gas, Zone 2 Natural Gas (Platts Gas Daily) Swing Futures	Fut	Electronic				0.67	USD	FRPL	0.67	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	X5	Florida Gas, Zone 2 Natural Gas (Platts Gas Daily) Swing Futures	Fut	Floor				0.67	USD	FRPL	0.67	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	X6	Gasoil 0.1 Cargoes CIF MED (Platts) BALMO Futures	Fut	Electronic				9	USD	FRPL	9	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	X6	Gasoil 0.1 Cargoes CIF MED (Platts) BALMO Futures	Fut	Floor				9	USD	FRPL	9	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	X7	ULSD 10ppm CIF MED (Platts) BALMO Futures	Fut	Electronic				9	USD	FRPL	9	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	X7	ULSD 10ppm CIF MED (Platts) BALMO Futures	Fut	Floor				9	USD	FRPL	9	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	X8	Texas Eastern, WLA Natural Gas (Platts Gas Daily) Swing Futures	Fut	Electronic				0.67	USD	FRPL	0.67	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	X8	Texas Eastern, WLA Natural Gas (Platts Gas Daily) Swing Futures	Fut	Floor				0.67	USD	FRPL	0.67	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	X9	Jet Fuel Barges FOB Rdam (Platts) BALMO Futures	Fut	Electronic				9	USD	FRPL	9	0.2	USD	FRPL

Exch Code	Exch Desc	Comm Group	Prod Code	Product Desc	F/O	Platform	Trd Fee	Trd Fee Cur	Trd Fee Meth	Clr Fee	Clr Fee Cur	Clr Fee Meth	Fee Total	Brk Fee	Brk Fee Cur	Brk Fee Meth
NYMEX	New York Mercantile Exchange	Energy	X9	Jet Fuel Barges FOB Rdam (Platts) BALMO Futures	Fut	Floor				9	USD	FRPL	9	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	XA	LLS (Argus) Financial Futures	Fut	Electronic				1.35	USD	FRPL	1.35	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	XA	LLS (Argus) Financial Futures	Fut	Floor				1.35	USD	FRPL	1.35	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	XB	WTS (Argus) Financial Futures	Fut	Electronic				1.35	USD	FRPL	1.35	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	XB	WTS (Argus) Financial Futures	Fut	Floor				1.35	USD	FRPL	1.35	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	XER	RBOB Gasoline vs. Euro-bob Oxy NWE Barges (Argus) Futures	Fut	Electronic				1.25	USD	FRPL	1.25	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	XER	RBOB Gasoline vs. Euro-bob Oxy NWE Barges (Argus) Futures	Fut	Floor				1.25	USD	FRPL	1.25	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	XH	Panhandle (Platts IFERC) FIxed Price Swap	Fut	Electronic				0.67	USD	FRPL	0.67	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	XH	Panhandle (Platts IFERC) FIxed Price Swap	Fut	Floor				0.67	USD	FRPL	0.67	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	XJ	Houston Ship Channel (Platts IFERC) Fixed Price Swap	Fut	Electronic				0.67	USD	FRPL	0.67	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	XJ	Houston Ship Channel (Platts IFERC) Fixed Price Swap	Fut	Floor				0.67	USD	FRPL	0.67	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	XN	SoCal Natural Gas (Platts IFERC) Fixed Price Futures	Fut	Electronic				0.67	USD	FRPL	0.67	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	XN	SoCal Natural Gas (Platts IFERC) Fixed Price Futures	Fut	Floor				0.67	USD	FRPL	0.67	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	XR	Rockies (Platts IFERC) Fixed Price Swap	Fut	Electronic				0.67	USD	FRPL	0.67	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	XR	Rockies (Platts IFERC) Fixed Price Swap	Fut	Floor				0.67	USD	FRPL	0.67	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	XX	San Juan (Platts IFERC) Fixed Price Swap	Fut	Electronic				0.67	USD	FRPL	0.67	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	XX	San Juan (Platts IFERC) Fixed Price Swap	Fut	Floor				0.67	USD	FRPL	0.67	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	Y0	Singapore Mogas 97 Unleaded (Platts) BALMO Futures	Fut	Electronic				1.25	USD	FRPL	1.25	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	Y0	Singapore Mogas 97 Unleaded (Platts) BALMO Futures	Fut	Floor				2.7	USD	FRPL	2.7	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	Y1	PJM AECO Zone Peak Calendar-Month Day-Ahead LMP Futures	Fut	Electronic				0.4	USD	FRPL	0.4	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	Y1	PJM AECO Zone Peak Calendar-Month Day-Ahead LMP Futures	Fut	Floor				0.4	USD	FRPL	0.4	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	Y3	NY 2.2% Fuel Oil (Platts) Futures	Fut	Electronic				1.35	USD	FRPL	1.35	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	Y3	NY 2.2% Fuel Oil (Platts) Futures	Fut	Floor				1.35	USD	FRPL	1.35	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	Y4	NY 0.7% Fuel Oil (Platts) Futures	Fut	Electronic				1.35	USD	FRPL	1.35	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	Y4	NY 0.7% Fuel Oil (Platts) Futures	Fut	Floor				1.35	USD	FRPL	1.35	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	Y6	Transco Zone 3 Natural Gas (Platts Gas Daily/Platts IFERC) Index Futures	Fut	Electronic				0.67	USD	FRPL	0.67	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	Y6	Transco Zone 3 Natural Gas (Platts Gas Daily/Platts IFERC) Index Futures	Fut	Floor				0.67	USD	FRPL	0.67	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	Y7	Tennessee 500 Leg Natural Gas (Platts Gas Daily/Platts IFERC) Index Futures	Fut	Electronic				0.67	USD	FRPL	0.67	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	Y7	Tennessee 500 Leg Natural Gas (Platts Gas Daily/Platts IFERC) Index Futures	Fut	Floor				0.67	USD	FRPL	0.67	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	Y8	MichCon Natural Gas (Platts Gas Daily/Platts IFERC) Index Futures	Fut	Electronic				0.67	USD	FRPL	0.67	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	Y8	MichCon Natural Gas (Platts Gas Daily/Platts IFERC) Index Futures	Fut	Floor				0.67	USD	FRPL	0.67	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	Y9	Texas Gas, Zone 1 Natural Gas (Platts Gas Daily) Swing Futures	Fut	Electronic				0.67	USD	FRPL	0.67	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	Y9	Texas Gas, Zone 1 Natural Gas (Platts Gas Daily) Swing Futures	Fut	Floor				0.67	USD	FRPL	0.67	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	YE	Ethanol T2 FOB Rdam Including Duty (Argus) Futures	Fut	Electronic				1.35	USD	FRPL	1.35	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	YE	Ethanol T2 FOB Rdam Including Duty (Argus) Futures	Fut	Floor				1.35	USD	FRPL	1.35	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	YF	NY Heating Oil (Platts) Futures	Fut	Electronic				1.35	USD	FRPL	1.35	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	YF	NY Heating Oil (Platts) Futures	Fut	Floor				1.35	USD	FRPL	1.35	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	YH	NY Heating Oil (Platts) vs. NY Harbor ULSD Heating Oil Futures	Fut	Electronic				2.7	USD	FRPL	2.7	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	YH	NY Heating Oil (Platts) vs. NY Harbor ULSD Heating Oil Futures	Fut	Floor				2.7	USD	FRPL	2.7	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Soft	YO	Sugar No 11	Fut	Electronic				1.45	USD	FRPL	1.45	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	YS	NY ULSD (Platts) Futures	Fut	Electronic				1.35	USD	FRPL	1.35	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	YS	NY ULSD (Platts) Futures	Fut	Floor				1.35	USD	FRPL	1.35	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	YV	Mars (Argus) vs. WTI Trade Month Futures	Fut	Electronic				2.7	USD	FRPL	2.7	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	YV	Mars (Argus) vs. WTI Trade Month Futures	Fut	Floor				2.7	USD	FRPL	2.7	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	YX	Mars (Argus) vs. WTI Financial Futures	Fut	Electronic				2.7	USD	FRPL	2.7	0.2	USD	FRPL

Exch Code	Exch Desc	Comm Group	Prod Code	Product Desc	F/O	Platform	Trd Fee	Trd Fee Cur	Trd Fee Meth	Clr Fee	Clr Fee Cur	Clr Fee Meth	Fee Total	Brk Fee	Brk Fee Cur	Brk Fee Meth
NYMEX	New York Mercantile Exchange	Energy	YX	Mars (Argus) vs. WTI Financial Futures	Fut	Floor				2.7	USD	FRPL	2.7	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	Z0	Singapore Jet Kerosene (Platts) vs. Gasoil (Platts) BALMO Futures	Fut	Electronic				1.25	USD	FRPL	1.25	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	Z0	Singapore Jet Kerosene (Platts) vs. Gasoil (Platts) BALMO Futures	Fut	Floor				2.7	USD	FRPL	2.7	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	Z1	Ethanol T2 FOB Rdam Including Duty (Platts) Futures	Fut	Electronic				1.35	USD	FRPL	1.35	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	Z1	Ethanol T2 FOB Rdam Including Duty (Platts) Futures	Fut	Floor				1.35	USD	FRPL	1.35	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	Z4	Gasoil 0.1 Cargoes CIF MED (Platts) Futures	Fut	Electronic				9	USD	FRPL	9	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	Z4	Gasoil 0.1 Cargoes CIF MED (Platts) Futures	Fut	Floor				9	USD	FRPL	9	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	Z5	Gasoil 0.1 Cargoes CIF MED (Platts) vs. Gasoil Futures	Fut	Electronic				9	USD	FRPL	9	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	Z5	Gasoil 0.1 Cargoes CIF MED (Platts) vs. Gasoil Futures	Fut	Floor				9	USD	FRPL	9	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	Z6	ULSD 10ppm Cargoes CIF MED (Platts) Futures	Fut	Electronic				9	USD	FRPL	9	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	Z6	ULSD 10ppm Cargoes CIF MED (Platts) Futures	Fut	Floor				9	USD	FRPL	9	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	Z7	ULSD 10ppm CIF MED (Platts) vs. Gasoil Futures	Fut	Electronic				9	USD	FRPL	9	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	Z7	ULSD 10ppm CIF MED (Platts) vs. Gasoil Futures	Fut	Floor				9	USD	FRPL	9	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	Z8	CIG Rockies Natural Gas (Platts Gas Daily/Platts IFERC) Index Futures	Fut	Electronic				0.67	USD	FRPL	0.67	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	Z8	CIG Rockies Natural Gas (Platts Gas Daily/Platts IFERC) Index Futures	Fut	Floor				0.67	USD	FRPL	0.67	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	ZA	RBOB Calendar Spread 1 month	Opt	Electronic				2.5	USD	FRPL	2.5	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	ZA	RBOB Calendar Spread 1 month	Opt	Floor				1.45	USD	FRPL	1.45	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	ZAO	NYISO Zone A Day Ahead Off Peak Calendar Day 2.5 MW	Fut	Electronic				0.01	USD	FRPL	0.01	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	ZAO	NYISO Zone A Day Ahead Off Peak Calendar Day 2.5 MW	Fut	Floor				0.01	USD	FRPL	0.01	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	ZB	RBOB Calendar Spread 2 months	Opt	Electronic				2.5	USD	FRPL	2.5	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	ZB	RBOB Calendar Spread 2 months	Opt	Floor				1.45	USD	FRPL	1.45	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	ZC	RBOB Calendar Spread 3 months	Opt	Electronic				2.5	USD	FRPL	2.5	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	ZC	RBOB Calendar Spread 3 months	Opt	Floor				1.45	USD	FRPL	1.45	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	ZGO	NYISO Zone G Day Ahead Off Peak Calendar Day 2.5 MW	Fut	Electronic				0.01	USD	FRPL	0.01	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	ZGO	NYISO Zone G Day Ahead Off Peak Calendar Day 2.5 MW	Fut	Floor				0.01	USD	FRPL	0.01	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	ZJO	NYISO Zone J Day Ahead off Peak Calendar Day 2.5 MW	Fut	Electronic				0.01	USD	FRPL	0.01	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	ZJO	NYISO Zone J Day Ahead off Peak Calendar Day 2.5 MW	Fut	Floor				0.01	USD	FRPL	0.01	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	ZM	RBOB Calendar Spread 6 months	Opt	Electronic				2.5	USD	FRPL	2.5	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	ZM	RBOB Calendar Spread 6 months	Opt	Floor				1.45	USD	FRPL	1.45	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	ZN	SoCal Natural Gas (Platts IFERC) "Pipe" Option	Opt	Electronic				0.63	USD	FRPL	0.63	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	ZN	SoCal Natural Gas (Platts IFERC) "Pipe" Option	Opt	Floor				0.63	USD	FRPL	0.63	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	ZR	Rockies Natural Gas (Platts IFERC) "Pipe" Option	Opt	Electronic				0.63	USD	FRPL	0.63	0.2	USD	FRPL
NYMEX	New York Mercantile Exchange	Energy	ZR	Rockies Natural Gas (Platts IFERC) "Pipe" Option	Opt	Floor				0.63	USD	FRPL	0.63	0.2	USD	FRPL
OM	Stockholmsborsen	Equity		Group: OM166 (AffectoGenimap - FIN)	Opt	Electronic	0.75	EUR	%pv				0.75	1.5	SEK	FRPL
OM	Stockholmsborsen	Equity		Group: OM169 (DnB NOR ASA - NOK)	Opt	Electronic	0.75	NOK	%pv				0.75	1.25	NOK	FRPL
OM	Stockholmsborsen	Equity		Group: OM272 (A P Moller-Maersk B - DKK)	Opt	Electronic	0.75	USD	%pv				0.75	1.5	SEK	FRPL
OM	Stockholmsborsen	Equity		Group: OM3392 (Ericsson B Binary OverUnder)	Opt	Electronic	0.01	SEK	FRPL				0.01	1.5	SEK	FRPL
OM	Stockholmsborsen	Int Rate	2006	5 year Treasury Bond	Fut	Electronic	26	SEK	FRPL				26	1.5	SEK	FRPL
OM	Stockholmsborsen	Int Rate	2007	10 year Treasury Bond	Fut	Electronic	30	SEK	FRPL				30	1.5	SEK	FRPL
OM	Stockholmsborsen	Int Rate	2033	STIBOR-FRA	Fut	Electronic	2	SEK	FRPL				2	1.5	SEK	FRPL
OM	Stockholmsborsen	Int Rate	2033	STIBOR-FRA	Opt	Electronic	0.9	SEK	FRPL				0.9	1.5	SEK	FRPL
OM	Stockholmsborsen	Int Rate	2042	2 year Treasury Bond	Fut	Electronic	20	SEK	FRPL				20	1.5	SEK	FRPL
OM	Stockholmsborsen	Int Rate	2448	3 month NIBOR-FRA	Fut	Electronic	2	NOK	FRPL				2	1.5	SEK	FRPL
OM	Stockholmsborsen	Int Rate	2453	6 month NIBOR-FRA	Fut	Electronic	2	NOK	FRPL				2	1.5	SEK	FRPL
OM	Stockholmsborsen	Int Rate	2STAT	2STAT	Fut	Electronic	22	SEK	FRPL				22	1.5	SEK	FRPL
OM	Stockholmsborsen	Int Rate	3MBFU2	3YR Mortgage Bond Future	Fut	Electronic	15	DKK	FRPL				15	1.5	SEK	FRPL
OM	Stockholmsborsen	Int Rate	3MSTIB	3MSTIB (STIBOR)	Fut	Electronic	1.5	SEK	FRPL				1.5	1.5	SEK	FRPL
OM	Stockholmsborsen	Int Rate	3YMBFH2	3YR Mortgage Bond Future	Fut	Electronic	15	DKK	FRPL				15	1.5	SEK	FRPL
OM	Stockholmsborsen	Int Rate	3YMBFM2	3YR Mortgage Bond Future	Fut	Electronic	15	DKK	FRPL				15	1.5	SEK	FRPL
OM	Stockholmsborsen	Int Rate	3YMBFU2	3YR Mortgage Bond Future	Fut	Electronic	15	DKK	FRPL				15	1.5	SEK	FRPL
OM	Stockholmsborsen	Int Rate	3YMBFZ1	3YR Mortgage Bond Future	Fut	Electronic	15	DKK	FRPL				15	1.5	SEK	FRPL
OM	Stockholmsborsen	Int Rate	3YMBFZ2	3YR Mortgage Bond Future	Fut	Electronic	15	DKK	FRPL				15	1.5	SEK	FRPL
OM	Stockholmsborsen	Int Rate	4MBFH2	4YR Mortgage Bond Future	Fut	Electronic	15	DKK	FRPL				15	1.5	SEK	FRPL
OM	Stockholmsborsen	Int Rate	4MBFM2	4YR Mortgage Bond Future	Fut	Electronic	15	DKK	FRPL				15	1.5	SEK	FRPL
OM	Stockholmsborsen	Int Rate	4MBFU2	4YR Mortgage Bond Future	Fut	Electronic	15	DKK	FRPL				15	1.5	SEK	FRPL

Exch Code	Exch Desc	Comm Group	Prod Code	Product Desc	F/O	Platform	Trd Fee	Trd Fee Cur	Trd Fee Meth	Clr Fee	Clr Fee Cur	Clr Fee Meth	Fee Total	Brk Fee	Brk Fee Cur	Brk Fee Meth
OM	Stockholmsborsen	Int Rate	4MBFZ1	4YR Mortgage Bond Future	Fut	Electronic	15	DKK	FRPL				15	1.5	SEK	FRPL
OM	Stockholmsborsen	Index	5020	OMXC20	Fut	Electronic	1.6	DKK	FRPL				1.6	1.5	SEK	FRPL
OM	Stockholmsborsen	Index	5020	OMXC20	Opt	Electronic	1.6	DKK	FRPL				1.6	1.5	SEK	FRPL
OM	Stockholmsborsen	Int Rate	5MBFH2	5YR Mortgage Bond Future	Fut	Electronic	15	DKK	FRPL				15	1.5	SEK	FRPL
OM	Stockholmsborsen	Int Rate	5MBFM2	5YR Mortgage Bond Future	Fut	Electronic	15	DKK	FRPL				15	1.5	SEK	FRPL
OM	Stockholmsborsen	Int Rate	5MBFU2	5YR Mortgage Bond Future	Fut	Electronic	15	DKK	FRPL				15	1.5	SEK	FRPL
OM	Stockholmsborsen	Int Rate	5MBFZ1	5YR Mortgage Bond Future	Fut	Electronic	15	DKK	FRPL				15	1.5	SEK	FRPL
OM	Stockholmsborsen	Int Rate	5STAT	5STAT	Fut	Electronic	22	SEK	FRPL				22	1.5	SEK	FRPL
OM	Stockholmsborsen	Index	954	OMXS30	Fut	Electronic	3.5	SEK	FRPL				3.5	1.5	SEK	FRPL
OM	Stockholmsborsen	Index	954	OMXS30	Opt	Electronic	3.5	SEK	FRPL				3.5	1.5	SEK	FRPL
OM	Stockholmsborsen	Equity	A	Investor B - SEK	Fut	Electronic	0.02	SEK	%cv				0.02	1.5	SEK	FRPL
OM	Stockholmsborsen	Equity	ABB	ABB Ltd - SEK	Fut	Electronic	0.02	SEK	%cv				0.02	1.5	SEK	FRPL
OM	Stockholmsborsen	Equity	AFE1V3	AffectoGenimap - FIN	Fut	Electronic	0.02	EUR	%cv				0.02	1.5	SEK	FRPL
OM	Stockholmsborsen	Equity	ALD1V3	Aldata Solution Oyj - FIN	Fut	Electronic	0.02	EUR	%cv				0.02	1.5	SEK	FRPL
OM	Stockholmsborsen	Equity	ALFA	Alfa Laval - SEK	Fut	Electronic	0.02	SEK	%cv				0.02	1.5	SEK	FRPL
OM	Stockholmsborsen	Equity	ALIV	Autoliv Inc SDB - SEK	Fut	Electronic	0.02	SEK	%cv				0.02	1.5	SEK	FRPL
OM	Stockholmsborsen	Equity	AMEAS3	Amer Sports - FIN	Fut	Electronic	0.02	EUR	%cv				0.02	1.5	SEK	FRPL
OM	Stockholmsborsen	Equity	ASSAB	Assa Abloy - SEK	Fut	Electronic	0.02	SEK	%cv				0.02	1.5	SEK	FRPL
OM	Stockholmsborsen	Equity	ATL	Atlas Copco A - SEK	Fut	Electronic	0.02	SEK	%cv				0.02	1.5	SEK	FRPL
OM	Stockholmsborsen	Equity	AZN	Astra Zeneca - SEK	Fut	Electronic	0.02	SEK	%cv				0.02	1.5	SEK	FRPL
OM	Stockholmsborsen	Equity	BOLI	Boliden-SEK	Fut	Electronic	0.02	SEK	%cv				0.02	1.5	SEK	FRPL
OM	Stockholmsborsen	Equity	CARLB	Carlsberg B - DKK	Fut	Electronic	0.02	DKK	%cv				0.02	1.5	SEK	FRPL
OM	Stockholmsborsen	Equity	CGCBV3	Cargotec Corporation - FIN	Fut	Electronic	0.02	EUR	%cv				0.02	1.5	SEK	FRPL
OM	Stockholmsborsen	Equity	CPMBV3	CapMan Oyj - FIN	Fut	Electronic	0.02	EUR	%cv				0.02	1.5	SEK	FRPL
OM	Stockholmsborsen	Equity	CRA1V3	Cramo - FIN	Fut	Electronic	0.02	EUR	%cv				0.02	1.5	SEK	FRPL
OM	Stockholmsborsen	Equity	CTLIV3	Comptel - FIN	Fut	Electronic	0.02	EUR	%cv				0.02	1.5	SEK	FRPL
OM	Stockholmsborsen	Equity	CTY1S3	Citycon - FIN	Fut	Electronic	0.02	EUR	%cv				0.02	1.5	SEK	FRPL
OM	Stockholmsborsen	Equity	DANSKE	Danske Bank - DKK	Fut	Electronic	0.02	DKK	%cv				0.02	1.5	SEK	FRPL
OM	Stockholmsborsen	Equity	DCO	Danisco - DKK	Fut	Electronic	0.02	DKK	%cv				0.02	1.5	SEK	FRPL
OM	Stockholmsborsen	Equity	DIGIV3	Digia Plc - FIN	Fut	Electronic	0.02	EUR	%cv				0.02	1.5	SEK	FRPL
OM	Stockholmsborsen	Equity	DNBNON	DnB NOR ASA - NOK	Fut	Electronic	0.02	NOK	%cv				0.02	1.25	NOK	FRPL
OM	Stockholmsborsen	Equity	DNORD	D/S Norden - DKK	Fut	Electronic	0.02	DKK	%cv				0.02	1.5	SEK	FRPL
OM	Stockholmsborsen	Equity	DSV	DSV A/S - DKK	Fut	Electronic	0.02	DKK	%cv				0.02	1.5	SEK	FRPL
OM	Stockholmsborsen	Equity	EFO1V3	Efore - FIN	Fut	Electronic	0.02	EUR	%cv				0.02	1.5	SEK	FRPL
OM	Stockholmsborsen	Equity	EKTAB	Elekta - SEK	Fut	Electronic	0.02	SEK	%cv				0.02	1.5	SEK	FRPL
OM	Stockholmsborsen	Equity	ELI1V3	Elisa Communications Oyj - FIN	Fut	Electronic	0.02	EUR	%cv				0.02	1.5	SEK	FRPL
OM	Stockholmsborsen	Equity	ELQAV3	Elcoteq Network A - FIN	Fut	Electronic	0.02	EUR	%cv				0.02	1.5	SEK	FRPL
OM	Stockholmsborsen	Equity	ELUXB	Electrolux B - SEK	Fut	Electronic	0.02	SEK	%cv				0.02	1.5	SEK	FRPL
OM	Stockholmsborsen	Equity	ENRO	Eniro - SEK	Fut	Electronic	0.02	SEK	%cv				0.02	1.5	SEK	FRPL
OM	Stockholmsborsen	Equity	ENROX	Eniro Adj - SEK	Fut	Electronic	0.02	SEK	%cv				0.02	1.5	SEK	FRPL
OM	Stockholmsborsen	Equity	ERIC	Ericsson B - SEK	Fut	Electronic	0.02	SEK	%cv				0.02	1.5	SEK	FRPL
OM	Stockholmsborsen	Equity	FIS1V3	Fiskars Oyj - FIN	Fut	Electronic	0.02	EUR	%cv				0.02	1.5	SEK	FRPL
OM	Stockholmsborsen	Equity	FLS	FL Smidth & Co - DKK	Fut	Electronic	0.02	DKK	%cv				0.02	1.5	SEK	FRPL
OM	Stockholmsborsen	Equity	FSC1V3	F-Secure Oyj - FIN	Fut	Electronic	0.02	EUR	%cv				0.02	1.5	SEK	FRPL
OM	Stockholmsborsen	Equity	FUM1V3	Fortum Oyj - FIN	Fut	Electronic	0.02	EUR	%cv				0.02	1.5	SEK	FRPL
OM	Stockholmsborsen	Equity	GETIB	Getinge - SEK	Fut	Electronic	0.02	SEK	%cv				0.02	1.5	SEK	FRPL
OM	Stockholmsborsen	Equity	GN	GN Store Nord - DKK	Fut	Electronic	0.02	DKK	%cv				0.02	1.5	SEK	FRPL
OM	Stockholmsborsen	Equity	HEXB	Hexagon AB - SEK	Fut	Electronic	0.02	SEK	%cv				0.02	1.5	SEK	FRPL
OM	Stockholmsborsen	Equity	HKSAV3	HKScan Corporation - FIN	Fut	Electronic	0.02	EUR	%cv				0.02	1.5	SEK	FRPL
OM	Stockholmsborsen	Equity	HMB	Hennes & Mauritz B - SEK	Fut	Electronic	0.02	SEK	%cv				0.02	1.5	SEK	FRPL
OM	Stockholmsborsen	Equity	HOLMB	Holmen B - SEK	Fut	Electronic	0.02	SEK	%cv				0.02	1.5	SEK	FRPL
OM	Stockholmsborsen	Equity	HUH1V3	Huhtamaki Oyj - FIN	Fut	Electronic	0.02	EUR	%cv				0.02	1.5	SEK	FRPL
OM	Stockholmsborsen	Equity	HUSQB	Husqvarna B - SEK	Fut	Electronic	0.02	SEK	%cv				0.02	1.5	SEK	FRPL
OM	Stockholmsborsen	Int Rate	IRS10	10 year NOIS	Fut	Electronic	12	USD	FRPL				12	1.5	SEK	FRPL
OM	Stockholmsborsen	Int Rate	IRS2	2 year NOIS	Fut	Electronic	4	SEK	FRPL				4	1.5	SEK	FRPL
OM	Stockholmsborsen	Int Rate	IRS5	5 year NOIS	Fut	Electronic	7	SEK	FRPL				7	1.5	SEK	FRPL
OM	Stockholmsborsen	Equity	KCR1V3	Konecranes - FIN	Fut	Electronic	0.02	EUR	%cv				0.02	1.5	SEK	FRPL
OM	Stockholmsborsen	Equity	KESBV3	Kesko Oyj - FIN	Fut	Electronic	0.02	EUR	%cv				0.02	1.5	SEK	FRPL
OM	Stockholmsborsen	Equity	KINB	Kinnevik B - SEK	Fut	Electronic	0.02	SEK	%cv				0.02	1.5	SEK	FRPL

Exch Code	Exch Desc	Comm Group	Prod Code	Product Desc	F/O	Platform	Trd Fee	Trd Fee Cur	Trd Fee Meth	Clr Fee	Clr Fee Cur	Clr Fee Meth	Fee Total	Brk Fee	Brk Fee Cur	Brk Fee Meth
OM	Stockholmsborsen	Equity	KNEBV3	Kone Corp - FIN	Fut	Electronic	0.02	EUR	%cv				0.02	1.5	SEK	FRPL
OM	Stockholmsborsen	Equity	KRA1V3	Kemira - FIN	Fut	Electronic	0.02	EUR	%cv				0.02	1.5	SEK	FRPL
OM	Stockholmsborsen	Equity	LAT1V3	Lassila & Tikanoja Oyj - FIN	Fut	Electronic	0.02	EUR	%cv				0.02	1.5	SEK	FRPL
OM	Stockholmsborsen	Equity	LEM1S3	Lemminkainen - FIN	Fut	Electronic	0.02	EUR	%cv				0.02	1.5	SEK	FRPL
OM	Stockholmsborsen	Equity	LUMI	Lundin Mining - SEK	Fut	Electronic	0.02	SEK	%cv				0.02	1.5	SEK	FRPL
OM	Stockholmsborsen	Equity	LUN	H. Lundbeck - DKK	Fut	Electronic	0.02	DKK	%cv				0.02	1.5	SEK	FRPL
OM	Stockholmsborsen	Equity	LUPE	Lundin Petroleum - SEK	Fut	Electronic	0.02	SEK	%cv				0.02	1.5	SEK	FRPL
OM	Stockholmsborsen	Equity	MAERSKB	A P Moller-Maersk B - DKK	Fut	Electronic	0.02	DKK	%cv				0.02	1.5	SEK	FRPL
OM	Stockholmsborsen	Int Rate	MBF	Danish Mortgage Bond	Fut	Electronic	15	DKK	FRPL				15	1.5	SEK	FRPL
OM	Stockholmsborsen	Equity	MEDA	Meda A - SEK	Fut	Electronic	0.02	SEK	%cv				0.02	1.5	SEK	FRPL
OM	Stockholmsborsen	Equity	MEO1V3	Metso - FIN	Fut	Electronic	0.02	EUR	%cv				0.02	1.5	SEK	FRPL
OM	Stockholmsborsen	Equity	MHGN	Marine Harvest ASA - NOK	Fut	Electronic	0.02	NOK	%cv				0.02	1.25	NOK	FRPL
OM	Stockholmsborsen	Equity	MIC	Millicom - SEK	Fut	Electronic	0.02	SEK	%cv				0.02	1.5	SEK	FRPL
OM	Stockholmsborsen	Equity	MRLBV3	M-real B - FIN	Fut	Electronic	0.02	EUR	%cv				0.02	1.5	SEK	FRPL
OM	Stockholmsborsen	Equity	MTGB	MTG B - SEK	Fut	Electronic	0.02	SEK	%cv				0.02	1.5	SEK	FRPL
OM	Stockholmsborsen	Int Rate	NBHYP2	2 year Nordbanken Hypotek Bond	Fut	Electronic	6	SEK	FRPL				6	1.5	SEK	FRPL
OM	Stockholmsborsen	Int Rate	NBHYP5	5 year Nordbanken Hypotek Bond	Fut	Electronic	13	SEK	FRPL				13	1.5	SEK	FRPL
OM	Stockholmsborsen	Equity	NDA	Nordea AB - SEK	Fut	Electronic	0.02	SEK	%cv				0.02	1.5	SEK	FRPL
OM	Stockholmsborsen	Equity	NDA1V3	Nordea - FIN	Fut	Electronic	0.02	EUR	%cv				0.02	1.5	SEK	FRPL
OM	Stockholmsborsen	Equity	NES1V3	Neste Oil - FIN	Fut	Electronic	0.02	EUR	%cv				0.02	1.5	SEK	FRPL
OM	Stockholmsborsen	Equity	NHY	Norsk Hydro ASA - NOK	Fut	Electronic	0.02	NOK	%cv				0.02	1.25	NOK	FRPL
OM	Stockholmsborsen	Equity	NOK1V3	Nokia - FIN	Fut	Electronic	0.02	EUR	%cv				0.02	1.5	SEK	FRPL
OM	Stockholmsborsen	Equity	NOKI	Nokia SDR - SEK	Fut	Electronic	0.02	SEK	%cv				0.02	1.5	SEK	FRPL
OM	Stockholmsborsen	Equity	NOVOB	Novo Nordisk B - DKK	Fut	Electronic	0.02	DKK	%cv				0.02	1.5	SEK	FRPL
OM	Stockholmsborsen	Equity	NRE1V3	Nokian Tyres - FIN	Fut	Electronic	0.02	EUR	%cv				0.02	1.5	SEK	FRPL
OM	Stockholmsborsen	Equity	NSGN	Norske Skogindustrier ASA - NOK	Fut	Electronic	0.02	NOK	%cv				0.02	1.25	NOK	FRPL
OM	Stockholmsborsen	Equity	NZYMB	Novozymes B - DKK	Fut	Electronic	0.02	DKK	%cv				0.02	1.5	SEK	FRPL
OM	Stockholmsborsen	Equity	OKDBV3	Oriola-KD - FIN	Fut	Electronic	0.02	EUR	%cv				0.02	1.5	SEK	FRPL
OM	Stockholmsborsen	Index	OMXC20CAP	OMXC20CAP	Fut	Electronic	1.6	DKK	FRPL				1.6	1.5	SEK	FRPL
OM	Stockholmsborsen	Index	OMXC20CAP	OMXC20CAP	Opt	Electronic	3	DKK	FRPL				3	1.5	SEK	FRPL
OM	Stockholmsborsen	Index	OMXO20	OMXO20	Fut	Electronic	2	NOK	FRPL				2	1.5	SEK	FRPL
OM	Stockholmsborsen	Index	OMXO20	OMXO20	Opt	Electronic	2	NOK	FRPL				2	1.5	SEK	FRPL
OM	Stockholmsborsen	Index	OMXS301	OMXS30 Binary OverUnder	Opt	Electronic	0.01	SEK	FRPL				0.01	1.5	SEK	FRPL
OM	Stockholmsborsen	Index	OMXSB	OMXSB	Fut	Electronic	3.5	SEK	FRPL				3.5	1.5	SEK	FRPL
OM	Stockholmsborsen	Equity	ORI	Oriflame Cosmetics - SEK	Fut	Electronic	0.02	SEK	%cv				0.02	1.5	SEK	FRPL
OM	Stockholmsborsen	Equity	ORKN	Orkla ASA - NOK	Fut	Electronic	0.02	NOK	%cv				0.02	1.25	NOK	FRPL
OM	Stockholmsborsen	Equity	OTE1V3	Outotec - FIN	Fut	Electronic	0.02	EUR	%cv				0.02	1.5	SEK	FRPL
OM	Stockholmsborsen	Int Rate	OU	10STAT	Fut	Electronic	22	SEK	FRPL				22	1.5	SEK	FRPL
OM	Stockholmsborsen	Equity	OUT1V3	Outokumpu - FIN	Fut	Electronic	0.02	EUR	%cv				0.02	1.5	SEK	FRPL
OM	Stockholmsborsen	Equity	PAR	PA Resources - SEK	Fut	Electronic	0.02	SEK	%cv				0.02	1.5	SEK	FRPL
OM	Stockholmsborsen	Equity	PGSN	Petroleum Geo-Services ASA - NOK	Fut	Electronic	0.02	NOK	%cv				0.02	1.25	NOK	FRPL
OM	Stockholmsborsen	Equity	PKC1V3	PKC Group Oyj - FIN	Fut	Electronic	0.02	EUR	%cv				0.02	1.5	SEK	FRPL
OM	Stockholmsborsen	Equity	PNDORA	Pandora - DKK	Fut	Electronic	0.02	DKK	%cv				0.02	1.5	SEK	FRPL
OM	Stockholmsborsen	Equity	POH1S3	Pohjola Bank Plc - FIN	Fut	Electronic	0.02	EUR	%cv				0.02	1.5	SEK	FRPL
OM	Stockholmsborsen	Equity	POY1V3	Poyry Plc - FIN	Fut	Electronic	0.02	EUR	%cv				0.02	1.5	SEK	FRPL
OM	Stockholmsborsen	Equity	RAIVV3	Raisio Oyj Vaihto-osake - FIN	Fut	Electronic	0.02	EUR	%cv				0.02	1.5	SEK	FRPL
OM	Stockholmsborsen	Equity	RCLN	Royal Caribbean Cruises Ltd - NOK	Fut	Electronic	0.02	NOK	%cv				0.02	1.25	NOK	FRPL
OM	Stockholmsborsen	Equity	RECN	Renewable Energy Corp ASA - NOK	Fut	Electronic	0.02	NOK	%cv				0.02	1.25	NOK	FRPL
OM	Stockholmsborsen	Equity	RMR1V3	Ramirent - FIN	Fut	Electronic	0.02	EUR	%cv				0.02	1.5	SEK	FRPL
OM	Stockholmsborsen	Equity	RTRKS3	Rautaruukki - FIN	Fut	Electronic	0.02	EUR	%cv				0.02	1.5	SEK	FRPL
OM	Stockholmsborsen	Equity	SAA1V3	Sanoma - FIN	Fut	Electronic	0.02	EUR	%cv				0.02	1.5	SEK	FRPL
OM	Stockholmsborsen	Equity	SAMAS3	Sampo A - FIN	Fut	Electronic	0.02	EUR	%cv				0.02	1.5	SEK	FRPL
OM	Stockholmsborsen	Equity	SAND	Sandvik AB - SEK	Fut	Electronic	0.02	SEK	%cv				0.02	1.5	SEK	FRPL
OM	Stockholmsborsen	Int Rate	SB5	5 year SBAB Bond	Fut	Electronic	13	SEK	FRPL				13	1.5	SEK	FRPL
OM	Stockholmsborsen	Equity	SCAB	SCA B - SEK	Fut	Electronic	0.02	SEK	%cv				0.02	1.5	SEK	FRPL
OM	Stockholmsborsen	Equity	SCVB	Scania B - SEK	Fut	Electronic	0.02	SEK	%cv				0.02	1.5	SEK	FRPL
OM	Stockholmsborsen	Equity	SDA1V3	Sponda - FIN	Fut	Electronic	0.02	EUR	%cv				0.02	1.5	SEK	FRPL
OM	Stockholmsborsen	Equity	SDRLN	Seadrill Ltd - NOK	Fut	Electronic	0.02	NOK	%cv				0.02	1.25	NOK	FRPL
OM	Stockholmsborsen	Equity	SEBA	SEB A - SEK	Fut	Electronic	0.02	SEK	%cv				0.02	1.5	SEK	FRPL

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OM	Stockholmsborsen	Equity	SECUB	Securitas B - SEK	Fut	Electronic	0.02	SEK	%cv				0.02	1.5	SEK	FRPL
OM	Stockholmsborsen	Equity	SFRN	Statoil Fuel & Retail - NOK	Fut	Electronic	0.02	NOK	%cv				0.02	1.25	NOK	FRPL
OM	Stockholmsborsen	Equity	SFT1V3	Stonesoft - FIN	Fut	Electronic	0.02	EUR	%cv				0.02	1.5	SEK	FRPL
OM	Stockholmsborsen	Equity	SHBA	Svenska Handelsbanken A - SEK	Fut	Electronic	0.02	SEK	%cv				0.02	1.5	SEK	FRPL
OM	Stockholmsborsen	Equity	SKAB	Skanska B - SEK	Fut	Electronic	0.02	SEK	%cv				0.02	1.5	SEK	FRPL
OM	Stockholmsborsen	Equity	SKFB	SKF B - SEK	Fut	Electronic	0.02	SEK	%cv				0.02	1.5	SEK	FRPL
OM	Stockholmsborsen	Int Rate	SPA2	2 year Spintab Bond	Fut	Electronic	6	SEK	FRPL				6	1.5	SEK	FRPL
OM	Stockholmsborsen	Int Rate	SPA5	5 year Spintab Bond	Fut	Electronic	13	SEK	FRPL				13	1.5	SEK	FRPL
OM	Stockholmsborsen	Equity	SSABA	SSAB A - SEK	Fut	Electronic	0.02	SEK	%cv				0.02	1.5	SEK	FRPL
OM	Stockholmsborsen	Int Rate	ST2	2 year Stadshypotek Bond	Fut	Electronic	6	SEK	FRPL				6	1.5	SEK	FRPL
OM	Stockholmsborsen	Int Rate	ST5	5 year Stadshypotek Bond	Fut	Electronic	13	SEK	FRPL				13	1.5	SEK	FRPL
OM	Stockholmsborsen	Equity	STBN	Storebrand ASA - NOK	Fut	Electronic	0.02	NOK	%cv				0.02	1.25	NOK	FRPL
OM	Stockholmsborsen	Equity	STCBV3	Stockmann - FIN	Fut	Electronic	0.02	EUR	%cv				0.02	1.5	SEK	FRPL
OM	Stockholmsborsen	Equity	STER	Stora Enso R - SEK	Fut	Electronic	0.02	SEK	%cv				0.02	1.5	SEK	FRPL
OM	Stockholmsborsen	Equity	STERV3	Stora Enso R - FIN	Fut	Electronic	0.02	EUR	%cv				0.02	1.5	SEK	FRPL
OM	Stockholmsborsen	Equity	STLN	Statoil ASA - NOK	Fut	Electronic	0.02	NOK	%cv				0.02	1.25	NOK	FRPL
OM	Stockholmsborsen	Equity	SUBC	Subsea 7 SA - NOK	Fut	Electronic	0.02	NOK	%cv				0.02	1.25	NOK	FRPL
OM	Stockholmsborsen	Equity	SWEDA	Swedbank AB - SEK	Fut	Electronic	0.02	SEK	%cv				0.02	1.5	SEK	FRPL
OM	Stockholmsborsen	Equity	SWMA	Swedish Match - SEK	Fut	Electronic	0.02	SEK	%cv				0.02	1.5	SEK	FRPL
OM	Stockholmsborsen	Equity	TDC	TDC - DKK	Fut	Electronic	0.02	DKK	%cv				0.02	1.5	SEK	FRPL
OM	Stockholmsborsen	Equity	TEL2B	Tele2B - SEK	Fut	Electronic	0.02	SEK	%cv				0.02	1.5	SEK	FRPL
OM	Stockholmsborsen	Equity	TELN	Telenor ASA - NOK	Fut	Electronic	0.02	NOK	%cv				0.02	1.25	NOK	FRPL
OM	Stockholmsborsen	Equity	TEM1V3	Tecnomen - FIN	Fut	Electronic	0.02	EUR	%cv				0.02	1.5	SEK	FRPL
OM	Stockholmsborsen	Equity	TIE1V3	Tietoenator - FIN	Fut	Electronic	0.02	EUR	%cv				0.02	1.5	SEK	FRPL
OM	Stockholmsborsen	Equity	TIEN	Tietoenator - SEK	Fut	Electronic	0.02	SEK	%cv				0.02	1.5	SEK	FRPL
OM	Stockholmsborsen	Equity	TIK1V3	Tikkurila - FIN	Fut	Electronic	0.02	EUR	%cv				0.02	1.5	SEK	FRPL
OM	Stockholmsborsen	Equity	TLA1V3	Tekla - FIN	Fut	Electronic	0.02	EUR	%cv				0.02	1.5	SEK	FRPL
OM	Stockholmsborsen	Equity	TLS1V3	TeliaSonera - FIN	Fut	Electronic	0.02	EUR	%cv				0.02	1.5	SEK	FRPL
OM	Stockholmsborsen	Equity	TLSN	TeliaSonera - SEK	Fut	Electronic	0.02	SEK	%cv				0.02	1.5	SEK	FRPL
OM	Stockholmsborsen	Equity	TLT1V3	Teleste - FIN	Fut	Electronic	0.02	EUR	%cv				0.02	1.5	SEK	FRPL
OM	Stockholmsborsen	Equity	TLV1V3	Talvivaara Mining Company - FIN	Fut	Electronic	0.02	EUR	%cv				0.02	1.5	SEK	FRPL
OM	Stockholmsborsen	Equity	TPS1V3	Technopolis Plc - FIN	Fut	Electronic	0.02	EUR	%cv				0.02	1.5	SEK	FRPL
OM	Stockholmsborsen	Equity	TRELB	Trelleborg B - SEK	Fut	Electronic	0.02	SEK	%cv				0.02	1.5	SEK	FRPL
OM	Stockholmsborsen	Equity	TRYG	TrygVesta - DKK	Fut	Electronic	0.02	DKK	%cv				0.02	1.5	SEK	FRPL
OM	Stockholmsborsen	Equity	UNR1V3	Uponor - FIN	Fut	Electronic	0.02	EUR	%cv				0.02	1.5	SEK	FRPL
OM	Stockholmsborsen	Equity	UPM1V3	UPM-Kymmene - FIN	Fut	Electronic	0.02	EUR	%cv				0.02	1.5	SEK	FRPL
OM	Stockholmsborsen	Index	VINX30	VINX30	Fut	Electronic	0.25	EUR	FRPL				0.25	1.5	SEK	FRPL
OM	Stockholmsborsen	Index	VINX30	VINX30	Opt	Electronic	0.25	EUR	FRPL				0.25	1.5	SEK	FRPL
OM	Stockholmsborsen	Equity	VOLVB	Volvo B - SEK	Fut	Electronic	0.02	SEK	%cv				0.02	1.5	SEK	FRPL
OM	Stockholmsborsen	Equity	VWS	Vestas Wind Systems - DKK	Fut	Electronic	0.02	DKK	%cv				0.02	1.5	SEK	FRPL
OM	Stockholmsborsen	Equity	WRT1V3	Wartsila - FIN	Fut	Electronic	0.02	EUR	%cv				0.02	1.5	SEK	FRPL
OM	Stockholmsborsen	Equity	XNS1V3	Ixonos - FIN	Fut	Electronic	0.02	EUR	%cv				0.02	1.5	SEK	FRPL
OM	Stockholmsborsen	Equity	YARN	Yara International ASA - NOK	Fut	Electronic	0.02	NOK	%cv				0.02	1.25	NOK	FRPL
OM	Stockholmsborsen	Equity	YTY1V3	YIT-Yhtyma - FIN	Fut	Electronic	0.02	EUR	%cv				0.02	1.5	SEK	FRPL
OSE	Osaka Securities Exchange	Equity		Group: OSE6 (Advantest Corporation)	Opt	Electronic	0.01	JPY	%pv	0.005	JPY	%pv	0.015	15	JPY	FRPL
OSE	Osaka Securities Exchange	Index	1309	SSE50 Index Linked Exchange Traded Fund	Opt	Electronic	0.01	JPY	%pv	0.005	JPY	%pv	0.015	15	JPY	FRPL
OSE	Osaka Securities Exchange	Index	1320	Daiwa ETF-Nikkei 225	Opt	Electronic	0.01	JPY	%pv	0.005	JPY	%pv	0.015	15	JPY	FRPL
OSE	Osaka Securities Exchange	Index	1321	Nikkei 225 Exchange Traded Fund	Opt	Electronic	0.01	JPY	%pv	0.005	JPY	%pv	0.015	15	JPY	FRPL
OSE	Osaka Securities Exchange	Index	1328	Gold-Price-Linked Exchange Traded Fund	Opt	Electronic	0.01	JPY	%pv	0.005	JPY	%pv	0.015	15	JPY	FRPL
OSE	Osaka Securities Exchange	Index	16	Nikkei 300	Fut	Electronic	22	JPY	FRPL	4	JPY	FRPL	26	15	JPY	FRPL
OSE	Osaka Securities Exchange	Index	1671	Simplex WTI ETF	Opt	Electronic	0.01	JPY	%pv	0.005	JPY	%pv	0.015	15	JPY	FRPL
OSE	Osaka Securities Exchange	Index	18	Nikkei 225	Fut	Electronic	110	JPY	FRPL	20	JPY	FRPL	130	15	JPY	FRPL
OSE	Osaka Securities Exchange	Index	18	Nikkei 225	Opt	Electronic	0.000035	JPY	%pv	3.5E-06	JPY	%pv	4E-05	15	JPY	FRPL
OSE	Osaka Securities Exchange	Index	19	Nikkei 225 Mini	Fut	Electronic	11	JPY	FRPL	2	JPY	FRPL	13	15	JPY	FRPL
OSE	Osaka Securities Exchange	Index	76	Russell/Nomura Prime Index	Fut	Electronic	29	JPY	FRPL	16	JPY	FRPL	45	15	JPY	FRPL
OSE	Osaka Securities Exchange	Index	DJIA	Dow Jones Industrial Average (DJIA)	Fut	Electronic	40	JPY	FRPL	5	JPY	FRPL	45	15	JPY	FRPL
OSE	Osaka Securities Exchange	Index	VI	Nikkei 225 Volatility Index (VI)	Fut	Electronic	80	JPY	FRPL	20	JPY	FRPL	100	15	JPY	FRPL
SFE	Sydney Futures Exchange	Index	AP	SPI 200 Index	Fut	Electronic	0.9	AUD	FRPL				0.9	0.5	AUD	FRPL
SFE	Sydney Futures Exchange	Index	AP	SPI 200 Index	Opt	Electronic	0.8	AUD	FRPL				0.8	0.5	AUD	FRPL

Exch Code	Exch Desc	Comm Group	Prod Code	Product Desc	F/O	Platform	Trd Fee	Trd Fee Cur	Trd Fee Meth	Clr Fee	Clr Fee Cur	Clr Fee Meth	Fee Total	Brk Fee	Brk Fee Cur	Brk Fee Meth
SFE	Sydney Futures Exchange	Int Rate	BB	90 Day New Zealand Bank Bills	Fut	Electronic	1.5	NZD	FRPL				1.5	0.5	AUD	FRPL
SFE	Sydney Futures Exchange	Int Rate	BB	90 Day New Zealand Bank Bills	Opt	Electronic	1.5	NZD	FRPL				1.5	0.5	AUD	FRPL
SFE	Sydney Futures Exchange	Energy	BN	d-cypha NSW Base Load Electricity	Fut	Electronic	37	AUD	FRPL				37	0.5	AUD	FRPL
SFE	Sydney Futures Exchange	Energy	BQ	d-cypha QLD Base Load Electricity	Fut	Electronic	37	AUD	FRPL				37	0.5	AUD	FRPL
SFE	Sydney Futures Exchange	Energy	BS	d-cypha SA Base Load Electricity	Fut	Electronic	37	AUD	FRPL				37	0.5	AUD	FRPL
SFE	Sydney Futures Exchange	Energy	BV	d-cypha VIC Base Load Electricity	Fut	Electronic	37	AUD	FRPL				37	0.5	AUD	FRPL
SFE	Sydney Futures Exchange	Agri	BW	Broad Wool (23 Micron)	Fut	Electronic	10	AUD	FRPL				10	0.5	AUD	FRPL
SFE	Sydney Futures Exchange	Energy	DN	d-cypha NSW Peak Period Electricity Strip	Fut	Electronic	16	AUD	FRPL				16	0.5	AUD	FRPL
SFE	Sydney Futures Exchange	Energy	DQ	d-cypha QLD Peak Period Electricity Strip	Fut	Electronic	16	AUD	FRPL				16	0.5	AUD	FRPL
SFE	Sydney Futures Exchange	Energy	DS	d-cypha SA Peak Period Electricity Strip	Fut	Electronic	16	AUD	FRPL				16	0.5	AUD	FRPL
SFE	Sydney Futures Exchange	Energy	DV	d-cypha VIC Peak Period Electricity Strip	Fut	Electronic	16	AUD	FRPL				16	0.5	AUD	FRPL
SFE	Sydney Futures Exchange	Energy	EA	Otahuhu Base Load Electricity	Fut	Electronic	25	NZD	FRPL				25	0.5	AUD	FRPL
SFE	Sydney Futures Exchange	Energy	EB	Otahuhu Base Load Electricity Strip	Fut	Electronic	25	NZD	FRPL				25	0.5	AUD	FRPL
SFE	Sydney Futures Exchange	Energy	EB	Otahuhu Base Load Electricity Strip	Opt	Electronic	50	NZD	FRPL				50	0.5	AUD	FRPL
SFE	Sydney Futures Exchange	Energy	EE	Benmore Base Load Electricity	Fut	Electronic	25	NZD	FRPL				25	0.5	AUD	FRPL
SFE	Sydney Futures Exchange	Energy	EF	Benmore Base Load Electricity Strip	Fut	Electronic	25	NZD	FRPL				25	0.5	AUD	FRPL
SFE	Sydney Futures Exchange	Energy	EF	Benmore Base Load Electricity Strip	Opt	Electronic	50	NZD	FRPL				50	0.5	AUD	FRPL
SFE	Sydney Futures Exchange	Energy	EO	Renewable Energy Certificate (REC)	Fut	Electronic	10	AUD	FRPL				10	0.5	AUD	FRPL
SFE	Sydney Futures Exchange	Agri	FW	Fine Wool (19 Micron)	Fut	Electronic	10	AUD	FRPL				10	0.5	AUD	FRPL
SFE	Sydney Futures Exchange	Energy	GN	d-cypha NSW Base Load Quarterly $300 Cap Electricity	Fut	Electronic	37	AUD	FRPL				37	0.5	AUD	FRPL
SFE	Sydney Futures Exchange	Energy	GQ	d-cypha QLD Base Load Quarterly $300 Cap Electricity	Fut	Electronic	37	AUD	FRPL				37	0.5	AUD	FRPL
SFE	Sydney Futures Exchange	Energy	GS	d-cypha SA Base Load Quarterly $300 Cap Electricity	Fut	Electronic	37	AUD	FRPL				37	0.5	AUD	FRPL
SFE	Sydney Futures Exchange	Energy	GV	d-cypha VIC Base Load Quarterly $300 Cap Electricity	Fut	Electronic	37	AUD	FRPL				37	0.5	AUD	FRPL
SFE	Sydney Futures Exchange	Agri	GW	Greasy Wool (21 Micron)	Fut	Electronic	10	AUD	FRPL				10	0.5	AUD	FRPL
SFE	Sydney Futures Exchange	Agri	GW	Greasy Wool (21 Micron)	Opt	Electronic	10	AUD	FRPL				10	0.5	AUD	FRPL
SFE	Sydney Futures Exchange	Energy	HN	d-cypha NSW Base Load Electricity Strip	Fut	Electronic	37	AUD	FRPL				37	0.5	AUD	FRPL
SFE	Sydney Futures Exchange	Energy	HN	d-cypha NSW Base Load Electricity Strip	Opt	Electronic	74	AUD	FRPL				74	0.5	AUD	FRPL
SFE	Sydney Futures Exchange	Energy	HQ	d-cypha QLD Base Load Electricity Strip	Fut	Electronic	37	AUD	FRPL				37	0.5	AUD	FRPL
SFE	Sydney Futures Exchange	Energy	HQ	d-cypha QLD Base Load Electricity Strip	Opt	Electronic	74	AUD	FRPL				74	0.5	AUD	FRPL
SFE	Sydney Futures Exchange	Energy	HS	d-cypha SA Base Load Electricity Strip	Fut	Electronic	37	AUD	FRPL				37	0.5	AUD	FRPL
SFE	Sydney Futures Exchange	Energy	HS	d-cypha SA Base Load Electricity Strip	Opt	Electronic	74	AUD	FRPL				74	0.5	AUD	FRPL
SFE	Sydney Futures Exchange	Energy	HV	d-cypha VIC Base Load Electricity Strip	Fut	Electronic	37	AUD	FRPL				37	0.5	AUD	FRPL
SFE	Sydney Futures Exchange	Energy	HV	d-cypha VIC Base Load Electricity Strip	Opt	Electronic	74	AUD	FRPL				74	0.5	AUD	FRPL
SFE	Sydney Futures Exchange	Int Rate	IB	30 Day Interbank Cash Rate	Fut	Electronic	0.9	AUD	FRPL				0.9	0.5	AUD	FRPL
SFE	Sydney Futures Exchange	Int Rate	IB	30 Day Interbank Cash Rate	Opt	Electronic	0.6	AUD	FRPL				0.6	0.5	AUD	FRPL
SFE	Sydney Futures Exchange	Int Rate	IR	90 Day Bank Accepted Bills	Fut	Electronic	0.9	AUD	FRPL				0.9	0.5	AUD	FRPL
SFE	Sydney Futures Exchange	Int Rate	IR	90 Day Bank Accepted Bills	Opt	Electronic	0.6	AUD	FRPL				0.6	0.5	AUD	FRPL
SFE	Sydney Futures Exchange	Int Rate	OI	3 Month Overnight Index Swap (OIS)	Fut	Electronic	0.9	AUD	FRPL				0.9	0.5	AUD	FRPL
SFE	Sydney Futures Exchange	Energy	PN	d-cypha NSW Peak Period Electricity	Fut	Electronic	16	AUD	FRPL				16	0.5	AUD	FRPL
SFE	Sydney Futures Exchange	Energy	PQ	d-cypha QLD Peak Period Electricity	Fut	Electronic	16	AUD	FRPL				16	0.5	AUD	FRPL
SFE	Sydney Futures Exchange	Energy	PS	d-cypha SA Peak Period Electricity	Fut	Electronic	16	AUD	FRPL				16	0.5	AUD	FRPL
SFE	Sydney Futures Exchange	Energy	PV	d-cypha VIC Peak Period Electricity	Fut	Electronic	16	AUD	FRPL				16	0.5	AUD	FRPL
SFE	Sydney Futures Exchange	Energy	RN	d-cypha NSW Base Load Cal Year $300 Cap Strip	Fut	Electronic	37	AUD	FRPL				37	0.5	AUD	FRPL
SFE	Sydney Futures Exchange	Energy	RQ	d-cypha QLD Base Load Cal Year $300 Cap Strip	Fut	Electronic	37	AUD	FRPL				37	0.5	AUD	FRPL
SFE	Sydney Futures Exchange	Energy	RS	d-cypha SA Base Load Cal Year $300 Cap Strip	Fut	Electronic	37	AUD	FRPL				37	0.5	AUD	FRPL
SFE	Sydney Futures Exchange	Energy	RV	d-cypha VIC Base Load Cal Year $300 Cap Strip	Fut	Electronic	37	AUD	FRPL				37	0.5	AUD	FRPL
SFE	Sydney Futures Exchange	Int Rate	TN	10 Year New Zealand Government Stock	Fut	Electronic	1.5	NZD	FRPL				1.5	0.5	AUD	FRPL
SFE	Sydney Futures Exchange	Int Rate	TN	10 Year New Zealand Government Stock	Opt	Electronic	1.5	NZD	FRPL				1.5	0.5	AUD	FRPL
SFE	Sydney Futures Exchange	Int Rate	TY	3 Year New Zealand Government Stock	Fut	Electronic	1.5	NZD	FRPL				1.5	0.5	AUD	FRPL
SFE	Sydney Futures Exchange	Int Rate	TY	3 Year New Zealand Government Stock	Opt	Electronic	1.5	NZD	FRPL				1.5	0.5	AUD	FRPL
SFE	Sydney Futures Exchange	Agri	UB	Eastern Australia (EA) Feed Barley	Fut	Electronic	2.5	AUD	FRPL				2.5	0.5	AUD	FRPL
SFE	Sydney Futures Exchange	Agri	UB	Eastern Australia (EA) Feed Barley	Opt	Electronic	2.5	AUD	FRPL				2.5	0.5	AUD	FRPL
SFE	Sydney Futures Exchange	Agri	US	Australian Sorghum	Fut	Electronic	2.5	AUD	FRPL				2.5	0.5	AUD	FRPL
SFE	Sydney Futures Exchange	Agri	US	Australian Sorghum	Opt	Electronic	2.5	AUD	FRPL				2.5	0.5	AUD	FRPL
SFE	Sydney Futures Exchange	Agri	VC	Eastern Australia Canola	Fut	Electronic	2.5	AUD	FRPL				2.5	0.5	AUD	FRPL
SFE	Sydney Futures Exchange	Agri	VC	Eastern Australia Canola	Opt	Electronic	2.5	AUD	FRPL				2.5	0.5	AUD	FRPL
SFE	Sydney Futures Exchange	Agri	VW	NSW Wheat	Fut	Electronic	2.5	AUD	FRPL				2.5	0.5	AUD	FRPL
SFE	Sydney Futures Exchange	Agri	VW	NSW Wheat	Opt	Electronic	2.5	AUD	FRPL				2.5	0.5	AUD	FRPL
SFE	Sydney Futures Exchange	Agri	WK	WA Wheat	Fut	Electronic	2.5	AUD	FRPL				2.5	0.5	AUD	FRPL

Exch Code	Exch Desc	Comm Group	Prod Code	Product Desc	F/O	Platform	Trd Fee	Trd Fee Cur	Trd Fee Meth	Clr Fee	Clr Fee Cur	Clr Fee Meth	Fee Total	Brk Fee	Brk Fee Cur	Brk Fee Meth
SFE	Sydney Futures Exchange	Agri	WK	WA Wheat	Opt	Electronic	2.5	AUD	FRPL				2.5	0.5	AUD	FRPL
SFE	Sydney Futures Exchange	Int Rate	XD	10 Year Treasury Bond Intra-Day	Opt	Electronic	0.9	AUD	FRPL				0.9	0.5	AUD	FRPL
SFE	Sydney Futures Exchange	Int Rate	XO	10 Year Treasury Bond Overnight	Opt	Electronic	0.9	AUD	FRPL				0.9	0.5	AUD	FRPL
SFE	Sydney Futures Exchange	Int Rate	XS	10 Year Interest Rate Swap	Fut	Electronic	0.9	AUD	FRPL				0.9	0.5	AUD	FRPL
SFE	Sydney Futures Exchange	Int Rate	XT	10 Year Treasury Bond	Fut	Electronic	0.9	AUD	FRPL				0.9	0.5	AUD	FRPL
SFE	Sydney Futures Exchange	Int Rate	XT	10 Year Treasury Bond	Opt	Electronic	0.6	AUD	FRPL				0.6	0.5	AUD	FRPL
SFE	Sydney Futures Exchange	Int Rate	YD	3 Year Treasury Bond Intra-Day	Opt	Electronic	0.9	AUD	FRPL				0.9	0.5	AUD	FRPL
SFE	Sydney Futures Exchange	Int Rate	YO	3 Year Treasury Bond Overnight	Opt	Electronic	0.9	AUD	FRPL				0.9	0.5	AUD	FRPL
SFE	Sydney Futures Exchange	Int Rate	YS	3 Year Interest Rate Swap	Fut	Electronic	0.9	AUD	FRPL				0.9	0.5	AUD	FRPL
SFE	Sydney Futures Exchange	Int Rate	YT	3 Year Treasury Bond	Fut	Electronic	0.9	AUD	FRPL				0.9	0.5	AUD	FRPL
SFE	Sydney Futures Exchange	Int Rate	YT	3 Year Treasury Bond	Opt	Electronic	0.6	AUD	FRPL				0.6	0.5	AUD	FRPL
SFE	Sydney Futures Exchange	Int Rate	ZO	New Zealand 30 Day Official Cash Rate	Fut	Electronic	1.5	NZD	FRPL				1.5	0.5	AUD	FRPL
SGX-DT	SG Exchange	Energy	1M	Mini Singapore Fuel Oil 180cst Swap, 3.5% Sulfur OTC	Fut	Electronic				1.5	USD	FRPL	1.5	0.2	USD	FRPL
SGX-DT	SG Exchange	Energy	1MF	Platts Singapre Fuel Oil 180cst	Fut	Electronic				1.5	USD	FRPL	1.5	0.2	USD	FRPL
SGX-DT	SG Exchange	Energy	1M_02	Mini Singapore Fuel Oil 180cst Swap, 3.5% Sulfur BOM Day 2 OTC	Fut	Electronic				1.5	USD	FRPL	1.5	0.2	USD	FRPL
SGX-DT	SG Exchange	Energy	1M_03	Mini Singapore Fuel Oil 180cst Swap, 3.5% Sulfur BOM Day 3 OTC	Fut	Electronic				1.5	USD	FRPL	1.5	0.2	USD	FRPL
SGX-DT	SG Exchange	Energy	1M_04	Mini Singapore Fuel Oil 180cst Swap, 3.5% Sulfur BOM Day 4 OTC	Fut	Electronic				1.5	USD	FRPL	1.5	0.2	USD	FRPL
SGX-DT	SG Exchange	Energy	1M_05	Mini Singapore Fuel Oil 180cst Swap, 3.5% Sulfur BOM Day 5 OTC	Fut	Electronic				1.5	USD	FRPL	1.5	0.2	USD	FRPL
SGX-DT	SG Exchange	Energy	1M_06	Mini Singapore Fuel Oil 180cst Swap, 3.5% Sulfur BOM Day 6 OTC	Fut	Electronic				1.5	USD	FRPL	1.5	0.2	USD	FRPL
SGX-DT	SG Exchange	Energy	1M_07	Mini Singapore Fuel Oil 180cst Swap, 3.5% Sulfur BOM Day 7 OTC	Fut	Electronic				1.5	USD	FRPL	1.5	0.2	USD	FRPL
SGX-DT	SG Exchange	Energy	1M_08	Mini Singapore Fuel Oil 180cst Swap, 3.5% Sulfur BOM Day 8 OTC	Fut	Electronic				1.5	USD	FRPL	1.5	0.2	USD	FRPL
SGX-DT	SG Exchange	Energy	1M_09	Mini Singapore Fuel Oil 180cst Swap, 3.5% Sulfur BOM Day 9 OTC	Fut	Electronic				1.5	USD	FRPL	1.5	0.2	USD	FRPL
SGX-DT	SG Exchange	Energy	1M_10	Mini Singapore Fuel Oil 180cst Swap, 3.5% Sulfur BOM Day 10 OTC	Fut	Electronic				1.5	USD	FRPL	1.5	0.2	USD	FRPL
SGX-DT	SG Exchange	Energy	1M_11	Mini Singapore Fuel Oil 180cst Swap, 3.5% Sulfur BOM Day 11 OTC	Fut	Electronic				1.5	USD	FRPL	1.5	0.2	USD	FRPL
SGX-DT	SG Exchange	Energy	1M_12	Mini Singapore Fuel Oil 180cst Swap, 3.5% Sulfur BOM Day 12 OTC	Fut	Electronic				1.5	USD	FRPL	1.5	0.2	USD	FRPL
SGX-DT	SG Exchange	Energy	1M_13	Mini Singapore Fuel Oil 180cst Swap, 3.5% Sulfur BOM Day 13 OTC	Fut	Electronic				1.5	USD	FRPL	1.5	0.2	USD	FRPL
SGX-DT	SG Exchange	Energy	1M_14	Mini Singapore Fuel Oil 180cst Swap, 3.5% Sulfur BOM Day 14 OTC	Fut	Electronic				1.5	USD	FRPL	1.5	0.2	USD	FRPL
SGX-DT	SG Exchange	Energy	1M_15	Mini Singapore Fuel Oil 180cst Swap, 3.5% Sulfur BOM Day 15 OTC	Fut	Electronic				1.5	USD	FRPL	1.5	0.2	USD	FRPL
SGX-DT	SG Exchange	Energy	1M_16	Mini Singapore Fuel Oil 180cst Swap, 3.5% Sulfur BOM Day 16 OTC	Fut	Electronic				1.5	USD	FRPL	1.5	0.2	USD	FRPL
SGX-DT	SG Exchange	Energy	1M_17	Mini Singapore Fuel Oil 180cst Swap, 3.5% Sulfur BOM Day 17 OTC	Fut	Electronic				1.5	USD	FRPL	1.5	0.2	USD	FRPL
SGX-DT	SG Exchange	Energy	1M_18	Mini Singapore Fuel Oil 180cst Swap, 3.5% Sulfur BOM Day 18 OTC	Fut	Electronic				1.5	USD	FRPL	1.5	0.2	USD	FRPL
SGX-DT	SG Exchange	Energy	1M_19	Mini Singapore Fuel Oil 180cst Swap, 3.5% Sulfur BOM Day 19 OTC	Fut	Electronic				1.5	USD	FRPL	1.5	0.2	USD	FRPL
SGX-DT	SG Exchange	Energy	1M_20	Mini Singapore Fuel Oil 180cst Swap, 3.5% Sulfur BOM Day 20 OTC	Fut	Electronic				1.5	USD	FRPL	1.5	0.2	USD	FRPL
SGX-DT	SG Exchange	Energy	1M_21	Mini Singapore Fuel Oil 180cst Swap, 3.5% Sulfur BOM Day 21 OTC	Fut	Electronic				1.5	USD	FRPL	1.5	0.2	USD	FRPL
SGX-DT	SG Exchange	Energy	1M_22	Mini Singapore Fuel Oil 180cst Swap, 3.5% Sulfur BOM Day 22 OTC	Fut	Electronic				1.5	USD	FRPL	1.5	0.2	USD	FRPL
SGX-DT	SG Exchange	Energy	1M_23	Mini Singapore Fuel Oil 180cst Swap, 3.5% Sulfur BOM Day 23 OTC	Fut	Electronic				1.5	USD	FRPL	1.5	0.2	USD	FRPL

Exch Code	Exch Desc	Comm Group	Prod Code	Product Desc	F/O	Platform	Trd Fee	Trd Fee Cur	Trd Fee Meth	Clr Fee	Clr Fee Cur	Clr Fee Meth	Fee Total	Brk Fee	Brk Fee Cur	Brk Fee Meth
SGX-DT	SG Exchange	Energy	1M_24	Mini Singapore Fuel Oil 180cst Swap, 3.5% Sulfur BOM Day 24 OTC	Fut	Electronic				1.5	USD	FRPL	1.5	0.2	USD	FRPL
SGX-DT	SG Exchange	Energy	1M_25	Mini Singapore Fuel Oil 180cst Swap, 3.5% Sulfur BOM Day 25 OTC	Fut	Electronic				1.5	USD	FRPL	1.5	0.2	USD	FRPL
SGX-DT	SG Exchange	Energy	1M_26	Mini Singapore Fuel Oil 180cst Swap, 3.5% Sulfur BOM Day 26 OTC	Fut	Electronic				1.5	USD	FRPL	1.5	0.2	USD	FRPL
SGX-DT	SG Exchange	Energy	1M_27	Mini Singapore Fuel Oil 180cst Swap, 3.5% Sulfur BOM Day 27 OTC	Fut	Electronic				1.5	USD	FRPL	1.5	0.2	USD	FRPL
SGX-DT	SG Exchange	Energy	1M_28	Mini Singapore Fuel Oil 180cst Swap, 3.5% Sulfur BOM Day 28 OTC	Fut	Electronic				1.5	USD	FRPL	1.5	0.2	USD	FRPL
SGX-DT	SG Exchange	Energy	1M_29	Mini Singapore Fuel Oil 180cst Swap, 3.5% Sulfur BOM Day 29 OTC	Fut	Electronic				1.5	USD	FRPL	1.5	0.2	USD	FRPL
SGX-DT	SG Exchange	Energy	1M_30	Mini Singapore Fuel Oil 180cst Swap, 3.5% Sulfur BOM Day 30 OTC	Fut	Electronic				1.5	USD	FRPL	1.5	0.2	USD	FRPL
SGX-DT	SG Exchange	Energy	1M_31	Mini Singapore Fuel Oil 180cst Swap, 3.5% Sulfur BOM Day 31 OTC	Fut	Electronic				1.5	USD	FRPL	1.5	0.2	USD	FRPL
SGX-DT	SG Exchange	Energy	2A	Panamax Route P2A Forward Freight Agreement Skaw/Gibraltar-Far East OTC	Fut	Electronic				6	USD	FRPL	6	15	JPY	FRPL
SGX-DT	SG Exchange	Energy	3A	Panamax Route P3A Forward Freight Agreement Trans Pacific round either via Australia Trans Pacific round either via Australia or Pacific OTC	Fut	Electronic				6	USD	FRPL	6	15	JPY	FRPL
SGX-DT	SG Exchange	Energy	3M	Mini Singapore Fuel Oil 380cst Swap, 4% Sulfur OTC	Fut	Electronic				1.5	USD	FRPL	1.5	0.2	USD	FRPL
SGX-DT	SG Exchange	Energy	3MF	Platts Singapre Fuel Oil 380cst	Fut	Electronic				1.5	USD	FRPL	1.5	0.2	USD	FRPL
SGX-DT	SG Exchange	Energy	3M_02	Mini Singapore Fuel Oil 380cst Swap, 4% Sulfur BOM Day 2 OTC	Fut	Electronic				1.5	USD	FRPL	1.5	0.2	USD	FRPL
SGX-DT	SG Exchange	Energy	3M_03	Mini Singapore Fuel Oil 380cst Swap, 4% Sulfur BOM Day 3 OTC	Fut	Electronic				1.5	USD	FRPL	1.5	0.2	USD	FRPL
SGX-DT	SG Exchange	Energy	3M_04	Mini Singapore Fuel Oil 380cst Swap, 4% Sulfur BOM Day 4 OTC	Fut	Electronic				1.5	USD	FRPL	1.5	0.2	USD	FRPL
SGX-DT	SG Exchange	Energy	3M_05	Mini Singapore Fuel Oil 380cst Swap, 4% Sulfur BOM Day 5 OTC	Fut	Electronic				1.5	USD	FRPL	1.5	0.2	USD	FRPL
SGX-DT	SG Exchange	Energy	3M_06	Mini Singapore Fuel Oil 380cst Swap, 4% Sulfur BOM Day 6 OTC	Fut	Electronic				1.5	USD	FRPL	1.5	0.2	USD	FRPL
SGX-DT	SG Exchange	Energy	3M_07	Mini Singapore Fuel Oil 380cst Swap, 4% Sulfur BOM Day 7 OTC	Fut	Electronic				1.5	USD	FRPL	1.5	0.2	USD	FRPL
SGX-DT	SG Exchange	Energy	3M_08	Mini Singapore Fuel Oil 380cst Swap, 4% Sulfur BOM Day 8 OTC	Fut	Electronic				1.5	USD	FRPL	1.5	0.2	USD	FRPL
SGX-DT	SG Exchange	Energy	3M_09	Mini Singapore Fuel Oil 380cst Swap, 4% Sulfur BOM Day 9 OTC	Fut	Electronic				1.5	USD	FRPL	1.5	0.2	USD	FRPL
SGX-DT	SG Exchange	Energy	3M_10	Mini Singapore Fuel Oil 380cst Swap, 4% Sulfur BOM Day 10 OTC	Fut	Electronic				1.5	USD	FRPL	1.5	0.2	USD	FRPL
SGX-DT	SG Exchange	Energy	3M_11	Mini Singapore Fuel Oil 380cst Swap, 4% Sulfur BOM Day 11 OTC	Fut	Electronic				1.5	USD	FRPL	1.5	0.2	USD	FRPL
SGX-DT	SG Exchange	Energy	3M_12	Mini Singapore Fuel Oil 380cst Swap, 4% Sulfur BOM Day 12 OTC	Fut	Electronic				1.5	USD	FRPL	1.5	0.2	USD	FRPL
SGX-DT	SG Exchange	Energy	3M_13	Mini Singapore Fuel Oil 380cst Swap, 4% Sulfur BOM Day 13 OTC	Fut	Electronic				1.5	USD	FRPL	1.5	0.2	USD	FRPL
SGX-DT	SG Exchange	Energy	3M_14	Mini Singapore Fuel Oil 380cst Swap, 4% Sulfur BOM Day 14 OTC	Fut	Electronic				1.5	USD	FRPL	1.5	0.2	USD	FRPL
SGX-DT	SG Exchange	Energy	3M_15	Mini Singapore Fuel Oil 380cst Swap, 4% Sulfur BOM Day 15 OTC	Fut	Electronic				1.5	USD	FRPL	1.5	0.2	USD	FRPL
SGX-DT	SG Exchange	Energy	3M_16	Mini Singapore Fuel Oil 380cst Swap, 4% Sulfur BOM Day 16 OTC	Fut	Electronic				1.5	USD	FRPL	1.5	0.2	USD	FRPL
SGX-DT	SG Exchange	Energy	3M_17	Mini Singapore Fuel Oil 380cst Swap, 4% Sulfur BOM Day 17 OTC	Fut	Electronic				1.5	USD	FRPL	1.5	0.2	USD	FRPL
SGX-DT	SG Exchange	Energy	3M_18	Mini Singapore Fuel Oil 380cst Swap, 4% Sulfur BOM Day 18 OTC	Fut	Electronic				1.5	USD	FRPL	1.5	0.2	USD	FRPL
SGX-DT	SG Exchange	Energy	3M_19	Mini Singapore Fuel Oil 380cst Swap, 4% Sulfur BOM Day 19 OTC	Fut	Electronic				1.5	USD	FRPL	1.5	0.2	USD	FRPL

Exch Code	Exch Desc	Comm Group	Prod Code	Product Desc	F/O	Platform	Trd Fee	Trd Fee Cur	Trd Fee Meth	Clr Fee	Clr Fee Cur	Clr Fee Meth	Fee Total	Brk Fee	Brk Fee Cur	Brk Fee Meth
SGX-DT	SG Exchange	Energy	3M_20	Mini Singapore Fuel Oil 380cst Swap, 4% Sulfur BOM Day 20 OTC	Fut	Electronic				1.5	USD	FRPL	1.5	0.2	USD	FRPL
SGX-DT	SG Exchange	Energy	3M_21	Mini Singapore Fuel Oil 380cst Swap, 4% Sulfur BOM Day 21 OTC	Fut	Electronic				1.5	USD	FRPL	1.5	0.2	USD	FRPL
SGX-DT	SG Exchange	Energy	3M_22	Mini Singapore Fuel Oil 380cst Swap, 4% Sulfur BOM Day 22 OTC	Fut	Electronic				1.5	USD	FRPL	1.5	0.2	USD	FRPL
SGX-DT	SG Exchange	Energy	3M_23	Mini Singapore Fuel Oil 380cst Swap, 4% Sulfur BOM Day 23 OTC	Fut	Electronic				1.5	USD	FRPL	1.5	0.2	USD	FRPL
SGX-DT	SG Exchange	Energy	3M_24	Mini Singapore Fuel Oil 380cst Swap, 4% Sulfur BOM Day 24 OTC	Fut	Electronic				1.5	USD	FRPL	1.5	0.2	USD	FRPL
SGX-DT	SG Exchange	Energy	3M_25	Mini Singapore Fuel Oil 380cst Swap, 4% Sulfur BOM Day 25 OTC	Fut	Electronic				1.5	USD	FRPL	1.5	0.2	USD	FRPL
SGX-DT	SG Exchange	Energy	3M_26	Mini Singapore Fuel Oil 380cst Swap, 4% Sulfur BOM Day 26 OTC	Fut	Electronic				1.5	USD	FRPL	1.5	0.2	USD	FRPL
SGX-DT	SG Exchange	Energy	3M_27	Mini Singapore Fuel Oil 380cst Swap, 4% Sulfur BOM Day 27 OTC	Fut	Electronic				1.5	USD	FRPL	1.5	0.2	USD	FRPL
SGX-DT	SG Exchange	Energy	3M_28	Mini Singapore Fuel Oil 380cst Swap, 4% Sulfur BOM Day 28 OTC	Fut	Electronic				1.5	USD	FRPL	1.5	0.2	USD	FRPL
SGX-DT	SG Exchange	Energy	3M_29	Mini Singapore Fuel Oil 380cst Swap, 4% Sulfur BOM Day 29 OTC	Fut	Electronic				1.5	USD	FRPL	1.5	0.2	USD	FRPL
SGX-DT	SG Exchange	Energy	3M_30	Mini Singapore Fuel Oil 380cst Swap, 4% Sulfur BOM Day 30 OTC	Fut	Electronic				1.5	USD	FRPL	1.5	0.2	USD	FRPL
SGX-DT	SG Exchange	Energy	3M_31	Mini Singapore Fuel Oil 380cst Swap, 4% Sulfur BOM Day 31 OTC	Fut	Electronic				1.5	USD	FRPL	1.5	0.2	USD	FRPL
SGX-DT	SG Exchange	Metal	AH	Aluminium	Fut	Electronic				0.6	USD	FRPL	0.6	0.2	USD	FRPL
SGX-DT	SG Exchange	Index	AP	MSCI Asia APEX 50 Index	Fut	Electronic				1.65	USD	FRPL	1.65	0.2	USD	FRPL
SGX-DT	SG Exchange	Energy	B1	Shanghai-Europe Container Swap OTC	Fut	Electronic				10	USD	FRPL	10	15	JPY	FRPL
SGX-DT	SG Exchange	Energy	B2	Shanghai-Mediterranean Container Swap OTC	Fut	Electronic				10	USD	FRPL	10	15	JPY	FRPL
SGX-DT	SG Exchange	Energy	B3	Shanghai-US West Coast Container Swap OTC	Fut	Electronic				10	USD	FRPL	10	15	JPY	FRPL
SGX-DT	SG Exchange	Energy	B5	Shanghai-US East Coast Container Swap OTC	Fut	Electronic				10	USD	FRPL	10	15	JPY	FRPL
SGX-DT	SG Exchange	Energy	BD	Brent Crude Oil Swap minus Dubai Crude Oil Swap OTC	Fut	Electronic				1.2	USD	FRPL	1.2	0.2	USD	FRPL
SGX-DT	SG Exchange	Energy	BZ	Benzene Swap FOB Korea OTC	Fut	Electronic				50	USD	FRPL	50	0.2	USD	FRPL
SGX-DT	SG Exchange	Energy	BZ_02	Benzene Swap FOB Korea BOM Day 2 OTC	Fut	Electronic				50	USD	FRPL	50	0.2	USD	FRPL
SGX-DT	SG Exchange	Energy	BZ_03	Benzene Swap FOB Korea BOM Day 3 OTC	Fut	Electronic				50	USD	FRPL	50	0.2	USD	FRPL
SGX-DT	SG Exchange	Energy	BZ_04	Benzene Swap FOB Korea BOM Day 4 OTC	Fut	Electronic				50	USD	FRPL	50	0.2	USD	FRPL
SGX-DT	SG Exchange	Energy	BZ_05	Benzene Swap FOB Korea BOM Day 5 OTC	Fut	Electronic				50	USD	FRPL	50	0.2	USD	FRPL
SGX-DT	SG Exchange	Energy	BZ_06	Benzene Swap FOB Korea BOM Day 6 OTC	Fut	Electronic				50	USD	FRPL	50	0.2	USD	FRPL
SGX-DT	SG Exchange	Energy	BZ_07	Benzene Swap FOB Korea BOM Day 7 OTC	Fut	Electronic				50	USD	FRPL	50	0.2	USD	FRPL
SGX-DT	SG Exchange	Energy	BZ_08	Benzene Swap FOB Korea BOM Day 8 OTC	Fut	Electronic				50	USD	FRPL	50	0.2	USD	FRPL
SGX-DT	SG Exchange	Energy	BZ_09	Benzene Swap FOB Korea BOM Day 9 OTC	Fut	Electronic				50	USD	FRPL	50	0.2	USD	FRPL
SGX-DT	SG Exchange	Energy	BZ_10	Benzene Swap FOB Korea BOM Day 10 OTC	Fut	Electronic				50	USD	FRPL	50	0.2	USD	FRPL
SGX-DT	SG Exchange	Energy	BZ_11	Benzene Swap FOB Korea BOM Day 11 OTC	Fut	Electronic				50	USD	FRPL	50	0.2	USD	FRPL
SGX-DT	SG Exchange	Energy	BZ_12	Benzene Swap FOB Korea BOM Day 12 OTC	Fut	Electronic				50	USD	FRPL	50	0.2	USD	FRPL
SGX-DT	SG Exchange	Energy	BZ_13	Benzene Swap FOB Korea BOM Day 13 OTC	Fut	Electronic				50	USD	FRPL	50	0.2	USD	FRPL
SGX-DT	SG Exchange	Energy	BZ_14	Benzene Swap FOB Korea BOM Day 14 OTC	Fut	Electronic				50	USD	FRPL	50	0.2	USD	FRPL
SGX-DT	SG Exchange	Energy	BZ_15	Benzene Swap FOB Korea BOM Day 15 OTC	Fut	Electronic				50	USD	FRPL	50	0.2	USD	FRPL
SGX-DT	SG Exchange	Energy	BZ_16	Benzene Swap FOB Korea BOM Day 16 OTC	Fut	Electronic				50	USD	FRPL	50	0.2	USD	FRPL
SGX-DT	SG Exchange	Energy	BZ_17	Benzene Swap FOB Korea BOM Day 17 OTC	Fut	Electronic				50	USD	FRPL	50	0.2	USD	FRPL
SGX-DT	SG Exchange	Energy	BZ_18	Benzene Swap FOB Korea BOM Day 18 OTC	Fut	Electronic				50	USD	FRPL	50	0.2	USD	FRPL
SGX-DT	SG Exchange	Energy	BZ_19	Benzene Swap FOB Korea BOM Day 19 OTC	Fut	Electronic				50	USD	FRPL	50	0.2	USD	FRPL
SGX-DT	SG Exchange	Energy	BZ_20	Benzene Swap FOB Korea BOM Day 20 OTC	Fut	Electronic				50	USD	FRPL	50	0.2	USD	FRPL
SGX-DT	SG Exchange	Energy	BZ_21	Benzene Swap FOB Korea BOM Day 21 OTC	Fut	Electronic				50	USD	FRPL	50	0.2	USD	FRPL
SGX-DT	SG Exchange	Energy	BZ_22	Benzene Swap FOB Korea BOM Day 22 OTC	Fut	Electronic				50	USD	FRPL	50	0.2	USD	FRPL
SGX-DT	SG Exchange	Energy	BZ_23	Benzene Swap FOB Korea BOM Day 23 OTC	Fut	Electronic				50	USD	FRPL	50	0.2	USD	FRPL
SGX-DT	SG Exchange	Energy	BZ_24	Benzene Swap FOB Korea BOM Day 24 OTC	Fut	Electronic				50	USD	FRPL	50	0.2	USD	FRPL
SGX-DT	SG Exchange	Energy	BZ_25	Benzene Swap FOB Korea BOM Day 25 OTC	Fut	Electronic				50	USD	FRPL	50	0.2	USD	FRPL
SGX-DT	SG Exchange	Energy	BZ_26	Benzene Swap FOB Korea BOM Day 26 OTC	Fut	Electronic				50	USD	FRPL	50	0.2	USD	FRPL
SGX-DT	SG Exchange	Energy	BZ_27	Benzene Swap FOB Korea BOM Day 27 OTC	Fut	Electronic				50	USD	FRPL	50	0.2	USD	FRPL
SGX-DT	SG Exchange	Energy	BZ_28	Benzene Swap FOB Korea BOM Day 28 OTC	Fut	Electronic				50	USD	FRPL	50	0.2	USD	FRPL

Exch Code	Exch Desc	Comm Group	Prod Code	Product Desc	F/O	Platform	Trd Fee	Trd Fee Cur	Trd Fee Meth	Clr Fee	Clr Fee Cur	Clr Fee Meth	Fee Total	Brk Fee	Brk Fee Cur	Brk Fee Meth
SGX-DT	SG Exchange	Energy	BZ_29	Benzene Swap FOB Korea BOM Day 29 OTC	Fut	Electronic				50	USD	FRPL	50	0.2	USD	FRPL
SGX-DT	SG Exchange	Energy	BZ_30	Benzene Swap FOB Korea BOM Day 30 OTC	Fut	Electronic				50	USD	FRPL	50	0.2	USD	FRPL
SGX-DT	SG Exchange	Energy	BZ_31	Benzene Swap FOB Korea BOM Day 31 OTC	Fut	Electronic				50	USD	FRPL	50	0.2	USD	FRPL
SGX-DT	SG Exchange	Energy	C3	Capesize Route C3 Forward Freight Agreement Tubrarao-Qingdao OTC	Fut	Electronic				6	USD	FRPL	6	15	JPY	FRPL
SGX-DT	SG Exchange	Energy	C4	Capesize Route C4 Forward Freight Agreement Richards Bay-Rotterdam OTC	Fut	Electronic				6	USD	FRPL	6	15	JPY	FRPL
SGX-DT	SG Exchange	Energy	C5	Capesize Route C5 Forward Freight Agreement W Australia-Qingdao OTC	Fut	Electronic				6	USD	FRPL	6	15	JPY	FRPL
SGX-DT	SG Exchange	Energy	C7	Capesize Route C7 Forward Freight Agreement Bolivar-Rotterdam OTC	Fut	Electronic				6	USD	FRPL	6	15	JPY	FRPL
SGX-DT	SG Exchange	Energy	CF	CFR South China Coal Swap OTC	Fut	Electronic				9	USD	FRPL	9	15	JPY	FRPL
SGX-DT	SG Exchange	Energy	CI	Sub-Bituminous Coal FOB Indonesia Swap OTC	Fut	Electronic				9	USD	FRPL	9	15	JPY	FRPL
SGX-DT	SG Exchange	Energy	CM	Half-day Capesize Time Charter Basket OTC	Fut	Electronic				4	USD	FRPL	4	15	JPY	FRPL
SGX-DT	SG Exchange	Index	CN	FTSE China A50 Index	Fut	Electronic				0.81	USD	FRPL	0.81	0.2	USD	FRPL
SGX-DT	SG Exchange	Metal	CU	Copper	Fut	Electronic				0.6	USD	FRPL	0.6	0.2	USD	FRPL
SGX-DT	SG Exchange	Energy	CV	Capesize Time Charter Basket OTC	Fut	Electronic				7	USD	FRPL	7	15	JPY	FRPL
SGX-DT	SG Exchange	Energy	CVF	Baltic Capesize Time Charter Average	Fut	Electronic				7	USD	FRPL	7	15	JPY	FRPL
SGX-DT	SG Exchange	Energy	DO	Dubai Crude Oil Swap OTC	Fut	Electronic				1.2	USD	FRPL	1.2	0.2	USD	FRPL
SGX-DT	SG Exchange	Energy	DO_02	Dubai Crude Oil Swap BOM Day 2 OTC	Fut	Electronic				1.2	USD	FRPL	1.2	0.2	USD	FRPL
SGX-DT	SG Exchange	Energy	DO_03	Dubai Crude Oil Swap BOM Day 3 OTC	Fut	Electronic				1.2	USD	FRPL	1.2	0.2	USD	FRPL
SGX-DT	SG Exchange	Energy	DO_04	Dubai Crude Oil Swap BOM Day 4 OTC	Fut	Electronic				1.2	USD	FRPL	1.2	0.2	USD	FRPL
SGX-DT	SG Exchange	Energy	DO_05	Dubai Crude Oil Swap BOM Day 5 OTC	Fut	Electronic				1.2	USD	FRPL	1.2	0.2	USD	FRPL
SGX-DT	SG Exchange	Energy	DO_06	Dubai Crude Oil Swap BOM Day 6 OTC	Fut	Electronic				1.2	USD	FRPL	1.2	0.2	USD	FRPL
SGX-DT	SG Exchange	Energy	DO_07	Dubai Crude Oil Swap BOM Day 7 OTC	Fut	Electronic				1.2	USD	FRPL	1.2	0.2	USD	FRPL
SGX-DT	SG Exchange	Energy	DO_08	Dubai Crude Oil Swap BOM Day 8 OTC	Fut	Electronic				1.2	USD	FRPL	1.2	0.2	USD	FRPL
SGX-DT	SG Exchange	Energy	DO_09	Dubai Crude Oil Swap BOM Day 9 OTC	Fut	Electronic				1.2	USD	FRPL	1.2	0.2	USD	FRPL
SGX-DT	SG Exchange	Energy	DO_10	Dubai Crude Oil Swap BOM Day 10 OTC	Fut	Electronic				1.2	USD	FRPL	1.2	0.2	USD	FRPL
SGX-DT	SG Exchange	Energy	DO_11	Dubai Crude Oil Swap BOM Day 11 OTC	Fut	Electronic				1.2	USD	FRPL	1.2	0.2	USD	FRPL
SGX-DT	SG Exchange	Energy	DO_12	Dubai Crude Oil Swap BOM Day 12 OTC	Fut	Electronic				1.2	USD	FRPL	1.2	0.2	USD	FRPL
SGX-DT	SG Exchange	Energy	DO_13	Dubai Crude Oil Swap BOM Day 13 OTC	Fut	Electronic				1.2	USD	FRPL	1.2	0.2	USD	FRPL
SGX-DT	SG Exchange	Energy	DO_14	Dubai Crude Oil Swap BOM Day 14 OTC	Fut	Electronic				1.2	USD	FRPL	1.2	0.2	USD	FRPL
SGX-DT	SG Exchange	Energy	DO_15	Dubai Crude Oil Swap BOM Day 15 OTC	Fut	Electronic				1.2	USD	FRPL	1.2	0.2	USD	FRPL
SGX-DT	SG Exchange	Energy	DO_16	Dubai Crude Oil Swap BOM Day 16 OTC	Fut	Electronic				1.2	USD	FRPL	1.2	0.2	USD	FRPL
SGX-DT	SG Exchange	Energy	DO_17	Dubai Crude Oil Swap BOM Day 17 OTC	Fut	Electronic				1.2	USD	FRPL	1.2	0.2	USD	FRPL
SGX-DT	SG Exchange	Energy	DO_18	Dubai Crude Oil Swap BOM Day 18 OTC	Fut	Electronic				1.2	USD	FRPL	1.2	0.2	USD	FRPL
SGX-DT	SG Exchange	Energy	DO_19	Dubai Crude Oil Swap BOM Day 19 OTC	Fut	Electronic				1.2	USD	FRPL	1.2	0.2	USD	FRPL
SGX-DT	SG Exchange	Energy	DO_20	Dubai Crude Oil Swap BOM Day 20 OTC	Fut	Electronic				1.2	USD	FRPL	1.2	0.2	USD	FRPL
SGX-DT	SG Exchange	Energy	DO_21	Dubai Crude Oil Swap BOM Day 21 OTC	Fut	Electronic				1.2	USD	FRPL	1.2	0.2	USD	FRPL
SGX-DT	SG Exchange	Energy	DO_22	Dubai Crude Oil Swap BOM Day 22 OTC	Fut	Electronic				1.2	USD	FRPL	1.2	0.2	USD	FRPL
SGX-DT	SG Exchange	Energy	DO_23	Dubai Crude Oil Swap BOM Day 23 OTC	Fut	Electronic				1.2	USD	FRPL	1.2	0.2	USD	FRPL
SGX-DT	SG Exchange	Energy	DO_24	Dubai Crude Oil Swap BOM Day 24 OTC	Fut	Electronic				1.2	USD	FRPL	1.2	0.2	USD	FRPL
SGX-DT	SG Exchange	Energy	DO_25	Dubai Crude Oil Swap BOM Day 25 OTC	Fut	Electronic				1.2	USD	FRPL	1.2	0.2	USD	FRPL
SGX-DT	SG Exchange	Energy	DO_26	Dubai Crude Oil Swap BOM Day 26 OTC	Fut	Electronic				1.2	USD	FRPL	1.2	0.2	USD	FRPL
SGX-DT	SG Exchange	Energy	DO_27	Dubai Crude Oil Swap BOM Day 27 OTC	Fut	Electronic				1.2	USD	FRPL	1.2	0.2	USD	FRPL
SGX-DT	SG Exchange	Energy	DO_28	Dubai Crude Oil Swap BOM Day 28 OTC	Fut	Electronic				1.2	USD	FRPL	1.2	0.2	USD	FRPL
SGX-DT	SG Exchange	Energy	DO_29	Dubai Crude Oil Swap BOM Day 29 OTC	Fut	Electronic				1.2	USD	FRPL	1.2	0.2	USD	FRPL
SGX-DT	SG Exchange	Energy	DO_30	Dubai Crude Oil Swap BOM Day 30 OTC	Fut	Electronic				1.2	USD	FRPL	1.2	0.2	USD	FRPL
SGX-DT	SG Exchange	Energy	DO_31	Dubai Crude Oil Swap BOM Day 31 OTC	Fut	Electronic				1.2	USD	FRPL	1.2	0.2	USD	FRPL
SGX-DT	SG Exchange	Int Rate	ED	Eurodollar	Fut	Electronic				0.6	USD	FRPL	0.6	0.2	USD	FRPL
SGX-DT	SG Exchange	Int Rate	ED	Eurodollar	Opt	Electronic				0.35	USD	FRPL	0.35	0.2	USD	FRPL
SGX-DT	SG Exchange	Int Rate	EL	Euroyen (LIBOR)	Fut	Electronic				0.6	USD	FRPL	0.6	15	JPY	FRPL
SGX-DT	SG Exchange	Int Rate	EL	Euroyen (LIBOR)	Opt	Electronic				0.35	USD	FRPL	0.35	15	JPY	FRPL
SGX-DT	SG Exchange	Index	EX	EURO STOXX 50 Index	Fut	Electronic				0.5	USD	FRPL	0.5	0.2	USD	FRPL
SGX-DT	SG Exchange	Index	EX	EURO STOXX 50 Index	Opt	Electronic				0.5	USD	FRPL	0.5	0.2	USD	FRPL
SGX-DT	SG Exchange	Int Rate	EY	Euroyen (TIBOR)	Fut	Electronic				0.6	USD	FRPL	0.6	15	JPY	FRPL
SGX-DT	SG Exchange	Int Rate	EY	Euroyen (TIBOR)	Opt	Electronic				0.6	USD	FRPL	0.6	15	JPY	FRPL
SGX-DT	SG Exchange	Energy	F1	Singapore Fuel Oil 180cst Swap, 3.5% Sulfur OTC	Fut	Electronic				7	USD	FRPL	7	0.2	USD	FRPL
SGX-DT	SG Exchange	Energy	F1_02	Singapore Fuel Oil 180cst Swap, 3.5% Sulfur BOM Day 2 OTC	Fut	Electronic				7	USD	FRPL	7	0.2	USD	FRPL

Exch Code	Exch Desc	Comm Group	Prod Code	Product Desc	F/O	Platform	Trd Fee	Trd Fee Cur	Trd Fee Meth	Clr Fee	Clr Fee Cur	Clr Fee Meth	Fee Total	Brk Fee	Brk Fee Cur	Brk Fee Meth
SGX-DT	SG Exchange	Energy	F1_03	Singapore Fuel Oil 180cst Swap, 3.5% Sulfur BOM Day 3 OTC	Fut	Electronic				7	USD	FRPL	7	0.2	USD	FRPL
SGX-DT	SG Exchange	Energy	F1_04	Singapore Fuel Oil 180cst Swap, 3.5% Sulfur BOM Day 4 OTC	Fut	Electronic				7	USD	FRPL	7	0.2	USD	FRPL
SGX-DT	SG Exchange	Energy	F1_05	Singapore Fuel Oil 180cst Swap, 3.5% Sulfur BOM Day 5 OTC	Fut	Electronic				7	USD	FRPL	7	0.2	USD	FRPL
SGX-DT	SG Exchange	Energy	F1_06	Singapore Fuel Oil 180cst Swap, 3.5% Sulfur BOM Day 6 OTC	Fut	Electronic				7	USD	FRPL	7	0.2	USD	FRPL
SGX-DT	SG Exchange	Energy	F1_07	Singapore Fuel Oil 180cst Swap, 3.5% Sulfur BOM Day 7 OTC	Fut	Electronic				7	USD	FRPL	7	0.2	USD	FRPL
SGX-DT	SG Exchange	Energy	F1_08	Singapore Fuel Oil 180cst Swap, 3.5% Sulfur BOM Day 8 OTC	Fut	Electronic				7	USD	FRPL	7	0.2	USD	FRPL
SGX-DT	SG Exchange	Energy	F1_09	Singapore Fuel Oil 180cst Swap, 3.5% Sulfur BOM Day 9 OTC	Fut	Electronic				7	USD	FRPL	7	0.2	USD	FRPL
SGX-DT	SG Exchange	Energy	F1_10	Singapore Fuel Oil 180cst Swap, 3.5% Sulfur BOM Day 10 OTC	Fut	Electronic				7	USD	FRPL	7	0.2	USD	FRPL
SGX-DT	SG Exchange	Energy	F1_11	Singapore Fuel Oil 180cst Swap, 3.5% Sulfur BOM Day 11 OTC	Fut	Electronic				7	USD	FRPL	7	0.2	USD	FRPL
SGX-DT	SG Exchange	Energy	F1_12	Singapore Fuel Oil 180cst Swap, 3.5% Sulfur BOM Day 12 OTC	Fut	Electronic				7	USD	FRPL	7	0.2	USD	FRPL
SGX-DT	SG Exchange	Energy	F1_13	Singapore Fuel Oil 180cst Swap, 3.5% Sulfur BOM Day 13 OTC	Fut	Electronic				7	USD	FRPL	7	0.2	USD	FRPL
SGX-DT	SG Exchange	Energy	F1_14	Singapore Fuel Oil 180cst Swap, 3.5% Sulfur BOM Day 14 OTC	Fut	Electronic				7	USD	FRPL	7	0.2	USD	FRPL
SGX-DT	SG Exchange	Energy	F1_15	Singapore Fuel Oil 180cst Swap, 3.5% Sulfur BOM Day 15 OTC	Fut	Electronic				7	USD	FRPL	7	0.2	USD	FRPL
SGX-DT	SG Exchange	Energy	F1_16	Singapore Fuel Oil 180cst Swap, 3.5% Sulfur BOM Day 16 OTC	Fut	Electronic				7	USD	FRPL	7	0.2	USD	FRPL
SGX-DT	SG Exchange	Energy	F1_17	Singapore Fuel Oil 180cst Swap, 3.5% Sulfur BOM Day 17 OTC	Fut	Electronic				7	USD	FRPL	7	0.2	USD	FRPL
SGX-DT	SG Exchange	Energy	F1_18	Singapore Fuel Oil 180cst Swap, 3.5% Sulfur BOM Day 18 OTC	Fut	Electronic				7	USD	FRPL	7	0.2	USD	FRPL
SGX-DT	SG Exchange	Energy	F1_19	Singapore Fuel Oil 180cst Swap, 3.5% Sulfur BOM Day 19 OTC	Fut	Electronic				7	USD	FRPL	7	0.2	USD	FRPL
SGX-DT	SG Exchange	Energy	F1_20	Singapore Fuel Oil 180cst Swap, 3.5% Sulfur BOM Day 20 OTC	Fut	Electronic				7	USD	FRPL	7	0.2	USD	FRPL
SGX-DT	SG Exchange	Energy	F1_21	Singapore Fuel Oil 180cst Swap, 3.5% Sulfur BOM Day 21 OTC	Fut	Electronic				7	USD	FRPL	7	0.2	USD	FRPL
SGX-DT	SG Exchange	Energy	F1_22	Singapore Fuel Oil 180cst Swap, 3.5% Sulfur BOM Day 22 OTC	Fut	Electronic				7	USD	FRPL	7	0.2	USD	FRPL
SGX-DT	SG Exchange	Energy	F1_23	Singapore Fuel Oil 180cst Swap, 3.5% Sulfur BOM Day 23 OTC	Fut	Electronic				7	USD	FRPL	7	0.2	USD	FRPL
SGX-DT	SG Exchange	Energy	F1_24	Singapore Fuel Oil 180cst Swap, 3.5% Sulfur BOM Day 24 OTC	Fut	Electronic				7	USD	FRPL	7	0.2	USD	FRPL
SGX-DT	SG Exchange	Energy	F1_25	Singapore Fuel Oil 180cst Swap, 3.5% Sulfur BOM Day 25 OTC	Fut	Electronic				7	USD	FRPL	7	0.2	USD	FRPL
SGX-DT	SG Exchange	Energy	F1_26	Singapore Fuel Oil 180cst Swap, 3.5% Sulfur BOM Day 26 OTC	Fut	Electronic				7	USD	FRPL	7	0.2	USD	FRPL
SGX-DT	SG Exchange	Energy	F1_27	Singapore Fuel Oil 180cst Swap, 3.5% Sulfur BOM Day 27 OTC	Fut	Electronic				7	USD	FRPL	7	0.2	USD	FRPL
SGX-DT	SG Exchange	Energy	F1_28	Singapore Fuel Oil 180cst Swap, 3.5% Sulfur BOM Day 28 OTC	Fut	Electronic				7	USD	FRPL	7	0.2	USD	FRPL
SGX-DT	SG Exchange	Energy	F1_29	Singapore Fuel Oil 180cst Swap, 3.5% Sulfur BOM Day 29 OTC	Fut	Electronic				7	USD	FRPL	7	0.2	USD	FRPL
SGX-DT	SG Exchange	Energy	F1_30	Singapore Fuel Oil 180cst Swap, 3.5% Sulfur BOM Day 30 OTC	Fut	Electronic				7	USD	FRPL	7	0.2	USD	FRPL
SGX-DT	SG Exchange	Energy	F1_31	Singapore Fuel Oil 180cst Swap, 3.5% Sulfur BOM Day 31 OTC	Fut	Electronic				7	USD	FRPL	7	0.2	USD	FRPL
SGX-DT	SG Exchange	Energy	F3	Singapore Fuel Oil 380cst Swap, 4% Sulfur OTC	Fut	Electronic				7	USD	FRPL	7	0.2	USD	FRPL
SGX-DT	SG Exchange	Energy	F3_02	Singapore Fuel Oil 380cst Swap, 4% Sulfur BOM Day 2 OTC	Fut	Electronic				7	USD	FRPL	7	0.2	USD	FRPL
SGX-DT	SG Exchange	Energy	F3_03	Singapore Fuel Oil 380cst Swap, 4% Sulfur BOM Day 3 OTC	Fut	Electronic				7	USD	FRPL	7	0.2	USD	FRPL
SGX-DT	SG Exchange	Energy	F3_04	Singapore Fuel Oil 380cst Swap, 4% Sulfur BOM Day 4 OTC	Fut	Electronic				7	USD	FRPL	7	0.2	USD	FRPL
SGX-DT	SG Exchange	Energy	F3_05	Singapore Fuel Oil 380cst Swap, 4% Sulfur BOM Day 5 OTC	Fut	Electronic				7	USD	FRPL	7	0.2	USD	FRPL
SGX-DT	SG Exchange	Energy	F3_06	Singapore Fuel Oil 380cst Swap, 4% Sulfur BOM Day 6 OTC	Fut	Electronic				7	USD	FRPL	7	0.2	USD	FRPL
SGX-DT	SG Exchange	Energy	F3_07	Singapore Fuel Oil 380cst Swap, 4% Sulfur BOM Day 7 OTC	Fut	Electronic				7	USD	FRPL	7	0.2	USD	FRPL
SGX-DT	SG Exchange	Energy	F3_08	Singapore Fuel Oil 380cst Swap, 4% Sulfur BOM Day 8 OTC	Fut	Electronic				7	USD	FRPL	7	0.2	USD	FRPL
SGX-DT	SG Exchange	Energy	F3_09	Singapore Fuel Oil 380cst Swap, 4% Sulfur BOM Day 9 OTC	Fut	Electronic				7	USD	FRPL	7	0.2	USD	FRPL
SGX-DT	SG Exchange	Energy	F3_10	Singapore Fuel Oil 380cst Swap, 4% Sulfur BOM Day 10 OTC	Fut	Electronic				7	USD	FRPL	7	0.2	USD	FRPL
SGX-DT	SG Exchange	Energy	F3_11	Singapore Fuel Oil 380cst Swap, 4% Sulfur BOM Day 11 OTC	Fut	Electronic				7	USD	FRPL	7	0.2	USD	FRPL
SGX-DT	SG Exchange	Energy	F3_12	Singapore Fuel Oil 380cst Swap, 4% Sulfur BOM Day 12 OTC	Fut	Electronic				7	USD	FRPL	7	0.2	USD	FRPL
SGX-DT	SG Exchange	Energy	F3_13	Singapore Fuel Oil 380cst Swap, 4% Sulfur BOM Day 13 OTC	Fut	Electronic				7	USD	FRPL	7	0.2	USD	FRPL
SGX-DT	SG Exchange	Energy	F3_14	Singapore Fuel Oil 380cst Swap, 4% Sulfur BOM Day 14 OTC	Fut	Electronic				7	USD	FRPL	7	0.2	USD	FRPL
SGX-DT	SG Exchange	Energy	F3_15	Singapore Fuel Oil 380cst Swap, 4% Sulfur BOM Day 15 OTC	Fut	Electronic				7	USD	FRPL	7	0.2	USD	FRPL
SGX-DT	SG Exchange	Energy	F3_16	Singapore Fuel Oil 380cst Swap, 4% Sulfur BOM Day 16 OTC	Fut	Electronic				7	USD	FRPL	7	0.2	USD	FRPL
SGX-DT	SG Exchange	Energy	F3_17	Singapore Fuel Oil 380cst Swap, 4% Sulfur BOM Day 17 OTC	Fut	Electronic				7	USD	FRPL	7	0.2	USD	FRPL
SGX-DT	SG Exchange	Energy	F3_18	Singapore Fuel Oil 380cst Swap, 4% Sulfur BOM Day 18 OTC	Fut	Electronic				7	USD	FRPL	7	0.2	USD	FRPL
SGX-DT	SG Exchange	Energy	F3_19	Singapore Fuel Oil 380cst Swap, 4% Sulfur BOM Day 19 OTC	Fut	Electronic				7	USD	FRPL	7	0.2	USD	FRPL
SGX-DT	SG Exchange	Energy	F3_20	Singapore Fuel Oil 380cst Swap, 4% Sulfur BOM Day 20 OTC	Fut	Electronic				7	USD	FRPL	7	0.2	USD	FRPL
SGX-DT	SG Exchange	Energy	F3_21	Singapore Fuel Oil 380cst Swap, 4% Sulfur BOM Day 21 OTC	Fut	Electronic				7	USD	FRPL	7	0.2	USD	FRPL
SGX-DT	SG Exchange	Energy	F3_22	Singapore Fuel Oil 380cst Swap, 4% Sulfur BOM Day 22 OTC	Fut	Electronic				7	USD	FRPL	7	0.2	USD	FRPL
SGX-DT	SG Exchange	Energy	F3_23	Singapore Fuel Oil 380cst Swap, 4% Sulfur BOM Day 23 OTC	Fut	Electronic				7	USD	FRPL	7	0.2	USD	FRPL
SGX-DT	SG Exchange	Energy	F3_24	Singapore Fuel Oil 380cst Swap, 4% Sulfur BOM Day 24 OTC	Fut	Electronic				7	USD	FRPL	7	0.2	USD	FRPL
SGX-DT	SG Exchange	Energy	F3_25	Singapore Fuel Oil 380cst Swap, 4% Sulfur BOM Day 25 OTC	Fut	Electronic				7	USD	FRPL	7	0.2	USD	FRPL
SGX-DT	SG Exchange	Energy	F3_26	Singapore Fuel Oil 380cst Swap, 4% Sulfur BOM Day 26 OTC	Fut	Electronic				7	USD	FRPL	7	0.2	USD	FRPL
SGX-DT	SG Exchange	Energy	F3_27	Singapore Fuel Oil 380cst Swap, 4% Sulfur BOM Day 27 OTC	Fut	Electronic				7	USD	FRPL	7	0.2	USD	FRPL
SGX-DT	SG Exchange	Energy	F3_28	Singapore Fuel Oil 380cst Swap, 4% Sulfur BOM Day 28 OTC	Fut	Electronic				7	USD	FRPL	7	0.2	USD	FRPL
SGX-DT	SG Exchange	Energy	F3_29	Singapore Fuel Oil 380cst Swap, 4% Sulfur BOM Day 29 OTC	Fut	Electronic				7	USD	FRPL	7	0.2	USD	FRPL
SGX-DT	SG Exchange	Energy	F3_30	Singapore Fuel Oil 380cst Swap, 4% Sulfur BOM Day 30 OTC	Fut	Electronic				7	USD	FRPL	7	0.2	USD	FRPL

Exch Code	Exch Desc	Comm Group	Prod Code	Product Desc	F/O	Platform	Trd Fee	Trd Fee Cur	Trd Fee Meth	Clr Fee	Clr Fee Cur	Clr Fee Meth	Fee Total	Brk Fee	Brk Fee Cur	Brk Fee Meth
SGX-DT	SG Exchange	Energy	F3_31	Singapore Fuel Oil 380cst Swap, 4% Sulfur BOM Day 31 OTC	Fut	Electronic				7	USD	FRPL	7	0.2	USD	FRPL
SGX-DT	SG Exchange	Energy	FB	Fuel Oil 380cst	Fut	Electronic				1.2	USD	FRPL	1.2	0.2	USD	FRPL
SGX-DT	SG Exchange	Metal	FE	Iron Ore CFR China (62% Fe Fines) Swap OTC	Fut	Electronic				12	USD	FRPL	12	0.2	USD	FRPL
SGX-DT	SG Exchange	Energy	FEF	TSI Iron Ore CFR China (62% Fe Fines) Index	Fut	Electronic				2.4	USD	FRPL	2.4	0.2	USD	FRPL
SGX-DT	SG Exchange	Energy	G2	Gasoline 92 RON FOB Singapore Swap OTC	Fut	Electronic				1	USD	FRPL	1	0.2	USD	FRPL
SGX-DT	SG Exchange	Energy	G2_02	Gasoline 92 RON FOB Singapore Swap BOM Day 2 OTC	Fut	Electronic				1	USD	FRPL	1	0.2	USD	FRPL
SGX-DT	SG Exchange	Energy	G2_03	Gasoline 92 RON FOB Singapore Swap BOM Day 3 OTC	Fut	Electronic				1	USD	FRPL	1	0.2	USD	FRPL
SGX-DT	SG Exchange	Energy	G2_04	Gasoline 92 RON FOB Singapore Swap BOM Day 4 OTC	Fut	Electronic				1	USD	FRPL	1	0.2	USD	FRPL
SGX-DT	SG Exchange	Energy	G2_05	Gasoline 92 RON FOB Singapore Swap BOM Day 5 OTC	Fut	Electronic				1	USD	FRPL	1	0.2	USD	FRPL
SGX-DT	SG Exchange	Energy	G2_06	Gasoline 92 RON FOB Singapore Swap BOM Day 6 OTC	Fut	Electronic				1	USD	FRPL	1	0.2	USD	FRPL
SGX-DT	SG Exchange	Energy	G2_07	Gasoline 92 RON FOB Singapore Swap BOM Day 7 OTC	Fut	Electronic				1	USD	FRPL	1	0.2	USD	FRPL
SGX-DT	SG Exchange	Energy	G2_08	Gasoline 92 RON FOB Singapore Swap BOM Day 8 OTC	Fut	Electronic				1	USD	FRPL	1	0.2	USD	FRPL
SGX-DT	SG Exchange	Energy	G2_09	Gasoline 92 RON FOB Singapore Swap BOM Day 9 OTC	Fut	Electronic				1	USD	FRPL	1	0.2	USD	FRPL
SGX-DT	SG Exchange	Energy	G2_10	Gasoline 92 RON FOB Singapore Swap BOM Day 10 OTC	Fut	Electronic				1	USD	FRPL	1	0.2	USD	FRPL
SGX-DT	SG Exchange	Energy	G2_11	Gasoline 92 RON FOB Singapore Swap BOM Day 11 OTC	Fut	Electronic				1	USD	FRPL	1	0.2	USD	FRPL
SGX-DT	SG Exchange	Energy	G2_12	Gasoline 92 RON FOB Singapore Swap BOM Day 12 OTC	Fut	Electronic				1	USD	FRPL	1	0.2	USD	FRPL
SGX-DT	SG Exchange	Energy	G2_13	Gasoline 92 RON FOB Singapore Swap BOM Day 13 OTC	Fut	Electronic				1	USD	FRPL	1	0.2	USD	FRPL
SGX-DT	SG Exchange	Energy	G2_14	Gasoline 92 RON FOB Singapore Swap BOM Day 14 OTC	Fut	Electronic				1	USD	FRPL	1	0.2	USD	FRPL
SGX-DT	SG Exchange	Energy	G2_15	Gasoline 92 RON FOB Singapore Swap BOM Day 15 OTC	Fut	Electronic				1	USD	FRPL	1	0.2	USD	FRPL
SGX-DT	SG Exchange	Energy	G2_16	Gasoline 92 RON FOB Singapore Swap BOM Day 16 OTC	Fut	Electronic				1	USD	FRPL	1	0.2	USD	FRPL
SGX-DT	SG Exchange	Energy	G2_17	Gasoline 92 RON FOB Singapore Swap BOM Day 17 OTC	Fut	Electronic				1	USD	FRPL	1	0.2	USD	FRPL
SGX-DT	SG Exchange	Energy	G2_18	Gasoline 92 RON FOB Singapore Swap BOM Day 18 OTC	Fut	Electronic				1	USD	FRPL	1	0.2	USD	FRPL
SGX-DT	SG Exchange	Energy	G2_19	Gasoline 92 RON FOB Singapore Swap BOM Day 19 OTC	Fut	Electronic				1	USD	FRPL	1	0.2	USD	FRPL
SGX-DT	SG Exchange	Energy	G2_20	Gasoline 92 RON FOB Singapore Swap BOM Day 20 OTC	Fut	Electronic				1	USD	FRPL	1	0.2	USD	FRPL
SGX-DT	SG Exchange	Energy	G2_21	Gasoline 92 RON FOB Singapore Swap BOM Day 21 OTC	Fut	Electronic				1	USD	FRPL	1	0.2	USD	FRPL
SGX-DT	SG Exchange	Energy	G2_22	Gasoline 92 RON FOB Singapore Swap BOM Day 22 OTC	Fut	Electronic				1	USD	FRPL	1	0.2	USD	FRPL
SGX-DT	SG Exchange	Energy	G2_23	Gasoline 92 RON FOB Singapore Swap BOM Day 23 OTC	Fut	Electronic				1	USD	FRPL	1	0.2	USD	FRPL
SGX-DT	SG Exchange	Energy	G2_24	Gasoline 92 RON FOB Singapore Swap BOM Day 24 OTC	Fut	Electronic				1	USD	FRPL	1	0.2	USD	FRPL
SGX-DT	SG Exchange	Energy	G2_25	Gasoline 92 RON FOB Singapore Swap BOM Day 25 OTC	Fut	Electronic				1	USD	FRPL	1	0.2	USD	FRPL
SGX-DT	SG Exchange	Energy	G2_26	Gasoline 92 RON FOB Singapore Swap BOM Day 26 OTC	Fut	Electronic				1	USD	FRPL	1	0.2	USD	FRPL
SGX-DT	SG Exchange	Energy	G2_27	Gasoline 92 RON FOB Singapore Swap BOM Day 27 OTC	Fut	Electronic				1	USD	FRPL	1	0.2	USD	FRPL
SGX-DT	SG Exchange	Energy	G2_28	Gasoline 92 RON FOB Singapore Swap BOM Day 28 OTC	Fut	Electronic				1	USD	FRPL	1	0.2	USD	FRPL
SGX-DT	SG Exchange	Energy	G2_29	Gasoline 92 RON FOB Singapore Swap BOM Day 29 OTC	Fut	Electronic				1	USD	FRPL	1	0.2	USD	FRPL
SGX-DT	SG Exchange	Energy	G2_30	Gasoline 92 RON FOB Singapore Swap BOM Day 30 OTC	Fut	Electronic				1	USD	FRPL	1	0.2	USD	FRPL
SGX-DT	SG Exchange	Energy	G2_31	Gasoline 92 RON FOB Singapore Swap BOM Day 31 OTC	Fut	Electronic				1	USD	FRPL	1	0.2	USD	FRPL
SGX-DT	SG Exchange	Energy	G5	Gasoline 95 RON FOB Singapore Swap OTC	Fut	Electronic				1	USD	FRPL	1	0.2	USD	FRPL
SGX-DT	SG Exchange	Energy	G5_02	Gasoline 95 RON FOB Singapore Swap BOM Day 2 OTC	Fut	Electronic				1	USD	FRPL	1	0.2	USD	FRPL
SGX-DT	SG Exchange	Energy	G5_03	Gasoline 95 RON FOB Singapore Swap BOM Day 3 OTC	Fut	Electronic				1	USD	FRPL	1	0.2	USD	FRPL
SGX-DT	SG Exchange	Energy	G5_04	Gasoline 95 RON FOB Singapore Swap BOM Day 4 OTC	Fut	Electronic				1	USD	FRPL	1	0.2	USD	FRPL
SGX-DT	SG Exchange	Energy	G5_05	Gasoline 95 RON FOB Singapore Swap BOM Day 5 OTC	Fut	Electronic				1	USD	FRPL	1	0.2	USD	FRPL
SGX-DT	SG Exchange	Energy	G5_06	Gasoline 95 RON FOB Singapore Swap BOM Day 6 OTC	Fut	Electronic				1	USD	FRPL	1	0.2	USD	FRPL
SGX-DT	SG Exchange	Energy	G5_07	Gasoline 95 RON FOB Singapore Swap BOM Day 7 OTC	Fut	Electronic				1	USD	FRPL	1	0.2	USD	FRPL
SGX-DT	SG Exchange	Energy	G5_08	Gasoline 95 RON FOB Singapore Swap BOM Day 8 OTC	Fut	Electronic				1	USD	FRPL	1	0.2	USD	FRPL
SGX-DT	SG Exchange	Energy	G5_09	Gasoline 95 RON FOB Singapore Swap BOM Day 9 OTC	Fut	Electronic				1	USD	FRPL	1	0.2	USD	FRPL
SGX-DT	SG Exchange	Energy	G5_10	Gasoline 95 RON FOB Singapore Swap BOM Day 10 OTC	Fut	Electronic				1	USD	FRPL	1	0.2	USD	FRPL
SGX-DT	SG Exchange	Energy	G5_11	Gasoline 95 RON FOB Singapore Swap BOM Day 11 OTC	Fut	Electronic				1	USD	FRPL	1	0.2	USD	FRPL
SGX-DT	SG Exchange	Energy	G5_12	Gasoline 95 RON FOB Singapore Swap BOM Day 12 OTC	Fut	Electronic				1	USD	FRPL	1	0.2	USD	FRPL
SGX-DT	SG Exchange	Energy	G5_13	Gasoline 95 RON FOB Singapore Swap BOM Day 13 OTC	Fut	Electronic				1	USD	FRPL	1	0.2	USD	FRPL
SGX-DT	SG Exchange	Energy	G5_14	Gasoline 95 RON FOB Singapore Swap BOM Day 14 OTC	Fut	Electronic				1	USD	FRPL	1	0.2	USD	FRPL
SGX-DT	SG Exchange	Energy	G5_15	Gasoline 95 RON FOB Singapore Swap BOM Day 15 OTC	Fut	Electronic				1	USD	FRPL	1	0.2	USD	FRPL
SGX-DT	SG Exchange	Energy	G5_16	Gasoline 95 RON FOB Singapore Swap BOM Day 16 OTC	Fut	Electronic				1	USD	FRPL	1	0.2	USD	FRPL
SGX-DT	SG Exchange	Energy	G5_17	Gasoline 95 RON FOB Singapore Swap BOM Day 17 OTC	Fut	Electronic				1	USD	FRPL	1	0.2	USD	FRPL
SGX-DT	SG Exchange	Energy	G5_18	Gasoline 95 RON FOB Singapore Swap BOM Day 18 OTC	Fut	Electronic				1	USD	FRPL	1	0.2	USD	FRPL
SGX-DT	SG Exchange	Energy	G5_19	Gasoline 95 RON FOB Singapore Swap BOM Day 19 OTC	Fut	Electronic				1	USD	FRPL	1	0.2	USD	FRPL
SGX-DT	SG Exchange	Energy	G5_20	Gasoline 95 RON FOB Singapore Swap BOM Day 20 OTC	Fut	Electronic				1	USD	FRPL	1	0.2	USD	FRPL
SGX-DT	SG Exchange	Energy	G5_21	Gasoline 95 RON FOB Singapore Swap BOM Day 21 OTC	Fut	Electronic				1	USD	FRPL	1	0.2	USD	FRPL
SGX-DT	SG Exchange	Energy	G5_22	Gasoline 95 RON FOB Singapore Swap BOM Day 22 OTC	Fut	Electronic				1	USD	FRPL	1	0.2	USD	FRPL
SGX-DT	SG Exchange	Energy	G5_23	Gasoline 95 RON FOB Singapore Swap BOM Day 23 OTC	Fut	Electronic				1	USD	FRPL	1	0.2	USD	FRPL
SGX-DT	SG Exchange	Energy	G5_24	Gasoline 95 RON FOB Singapore Swap BOM Day 24 OTC	Fut	Electronic				1	USD	FRPL	1	0.2	USD	FRPL

Exch Code	Exch Desc	Comm Group	Prod Code	Product Desc	F/O	Platform	Trd Fee	Trd Fee Cur	Trd Fee Meth	Clr Fee	Clr Fee Cur	Clr Fee Meth	Fee Total	Brk Fee	Brk Fee Cur	Brk Fee Meth
SGX-DT	SG Exchange	Energy	G5_25	Gasoline 95 RON FOB Singapore Swap BOM Day 25 OTC	Fut	Electronic				1	USD	FRPL	1	0.2	USD	FRPL
SGX-DT	SG Exchange	Energy	G5_26	Gasoline 95 RON FOB Singapore Swap BOM Day 26 OTC	Fut	Electronic				1	USD	FRPL	1	0.2	USD	FRPL
SGX-DT	SG Exchange	Energy	G5_27	Gasoline 95 RON FOB Singapore Swap BOM Day 27 OTC	Fut	Electronic				1	USD	FRPL	1	0.2	USD	FRPL
SGX-DT	SG Exchange	Energy	G5_28	Gasoline 95 RON FOB Singapore Swap BOM Day 28 OTC	Fut	Electronic				1	USD	FRPL	1	0.2	USD	FRPL
SGX-DT	SG Exchange	Energy	G5_29	Gasoline 95 RON FOB Singapore Swap BOM Day 29 OTC	Fut	Electronic				1	USD	FRPL	1	0.2	USD	FRPL
SGX-DT	SG Exchange	Energy	G5_30	Gasoline 95 RON FOB Singapore Swap BOM Day 30 OTC	Fut	Electronic				1	USD	FRPL	1	0.2	USD	FRPL
SGX-DT	SG Exchange	Energy	G5_31	Gasoline 95 RON FOB Singapore Swap BOM Day 31 OTC	Fut	Electronic				1	USD	FRPL	1	0.2	USD	FRPL
SGX-DT	SG Exchange	Energy	GO	Gasoil Swap FOB Singapore OTC	Fut	Electronic				1.2	USD	FRPL	1.2	0.2	USD	FRPL
SGX-DT	SG Exchange	Energy	GOF	Platts Gasoil FOB Singapore Index	Fut	Electronic				1.2	USD	FRPL	1.2	0.2	USD	FRPL
SGX-DT	SG Exchange	Energy	GO_02	Gasoil Swap FOB Singapore BOM Day 2 OTC	Fut	Electronic				1.2	USD	FRPL	1.2	0.2	USD	FRPL
SGX-DT	SG Exchange	Energy	GO_03	Gasoil Swap FOB Singapore BOM Day 3 OTC	Fut	Electronic				1.2	USD	FRPL	1.2	0.2	USD	FRPL
SGX-DT	SG Exchange	Energy	GO_04	Gasoil Swap FOB Singapore BOM Day 4 OTC	Fut	Electronic				1.2	USD	FRPL	1.2	0.2	USD	FRPL
SGX-DT	SG Exchange	Energy	GO_05	Gasoil Swap FOB Singapore BOM Day 5 OTC	Fut	Electronic				1.2	USD	FRPL	1.2	0.2	USD	FRPL
SGX-DT	SG Exchange	Energy	GO_06	Gasoil Swap FOB Singapore BOM Day 6 OTC	Fut	Electronic				1.2	USD	FRPL	1.2	0.2	USD	FRPL
SGX-DT	SG Exchange	Energy	GO_07	Gasoil Swap FOB Singapore BOM Day 7 OTC	Fut	Electronic				1.2	USD	FRPL	1.2	0.2	USD	FRPL
SGX-DT	SG Exchange	Energy	GO_08	Gasoil Swap FOB Singapore BOM Day 8 OTC	Fut	Electronic				1.2	USD	FRPL	1.2	0.2	USD	FRPL
SGX-DT	SG Exchange	Energy	GO_09	Gasoil Swap FOB Singapore BOM Day 9 OTC	Fut	Electronic				1.2	USD	FRPL	1.2	0.2	USD	FRPL
SGX-DT	SG Exchange	Energy	GO_10	Gasoil Swap FOB Singapore BOM Day 10 OTC	Fut	Electronic				1.2	USD	FRPL	1.2	0.2	USD	FRPL
SGX-DT	SG Exchange	Energy	GO_11	Gasoil Swap FOB Singapore BOM Day 11 OTC	Fut	Electronic				1.2	USD	FRPL	1.2	0.2	USD	FRPL
SGX-DT	SG Exchange	Energy	GO_12	Gasoil Swap FOB Singapore BOM Day 12 OTC	Fut	Electronic				1.2	USD	FRPL	1.2	0.2	USD	FRPL
SGX-DT	SG Exchange	Energy	GO_13	Gasoil Swap FOB Singapore BOM Day 13 OTC	Fut	Electronic				1.2	USD	FRPL	1.2	0.2	USD	FRPL
SGX-DT	SG Exchange	Energy	GO_14	Gasoil Swap FOB Singapore BOM Day 14 OTC	Fut	Electronic				1.2	USD	FRPL	1.2	0.2	USD	FRPL
SGX-DT	SG Exchange	Energy	GO_15	Gasoil Swap FOB Singapore BOM Day 15 OTC	Fut	Electronic				1.2	USD	FRPL	1.2	0.2	USD	FRPL
SGX-DT	SG Exchange	Energy	GO_16	Gasoil Swap FOB Singapore BOM Day 16 OTC	Fut	Electronic				1.2	USD	FRPL	1.2	0.2	USD	FRPL
SGX-DT	SG Exchange	Energy	GO_17	Gasoil Swap FOB Singapore BOM Day 17 OTC	Fut	Electronic				1.2	USD	FRPL	1.2	0.2	USD	FRPL
SGX-DT	SG Exchange	Energy	GO_18	Gasoil Swap FOB Singapore BOM Day 18 OTC	Fut	Electronic				1.2	USD	FRPL	1.2	0.2	USD	FRPL
SGX-DT	SG Exchange	Energy	GO_19	Gasoil Swap FOB Singapore BOM Day 19 OTC	Fut	Electronic				1.2	USD	FRPL	1.2	0.2	USD	FRPL
SGX-DT	SG Exchange	Energy	GO_20	Gasoil Swap FOB Singapore BOM Day 20 OTC	Fut	Electronic				1.2	USD	FRPL	1.2	0.2	USD	FRPL
SGX-DT	SG Exchange	Energy	GO_21	Gasoil Swap FOB Singapore BOM Day 21 OTC	Fut	Electronic				1.2	USD	FRPL	1.2	0.2	USD	FRPL
SGX-DT	SG Exchange	Energy	GO_22	Gasoil Swap FOB Singapore BOM Day 22 OTC	Fut	Electronic				1.2	USD	FRPL	1.2	0.2	USD	FRPL
SGX-DT	SG Exchange	Energy	GO_23	Gasoil Swap FOB Singapore BOM Day 23 OTC	Fut	Electronic				1.2	USD	FRPL	1.2	0.2	USD	FRPL
SGX-DT	SG Exchange	Energy	GO_24	Gasoil Swap FOB Singapore BOM Day 24 OTC	Fut	Electronic				1.2	USD	FRPL	1.2	0.2	USD	FRPL
SGX-DT	SG Exchange	Energy	GO_25	Gasoil Swap FOB Singapore BOM Day 25 OTC	Fut	Electronic				1.2	USD	FRPL	1.2	0.2	USD	FRPL
SGX-DT	SG Exchange	Energy	GO_26	Gasoil Swap FOB Singapore BOM Day 26 OTC	Fut	Electronic				1.2	USD	FRPL	1.2	0.2	USD	FRPL
SGX-DT	SG Exchange	Energy	GO_27	Gasoil Swap FOB Singapore BOM Day 27 OTC	Fut	Electronic				1.2	USD	FRPL	1.2	0.2	USD	FRPL
SGX-DT	SG Exchange	Energy	GO_28	Gasoil Swap FOB Singapore BOM Day 28 OTC	Fut	Electronic				1.2	USD	FRPL	1.2	0.2	USD	FRPL
SGX-DT	SG Exchange	Energy	GO_29	Gasoil Swap FOB Singapore BOM Day 29 OTC	Fut	Electronic				1.2	USD	FRPL	1.2	0.2	USD	FRPL
SGX-DT	SG Exchange	Energy	GO_30	Gasoil Swap FOB Singapore BOM Day 30 OTC	Fut	Electronic				1.2	USD	FRPL	1.2	0.2	USD	FRPL
SGX-DT	SG Exchange	Energy	GO_31	Gasoil Swap FOB Singapore BOM Day 31 OTC	Fut	Electronic				1.2	USD	FRPL	1.2	0.2	USD	FRPL
SGX-DT	SG Exchange	Index	HK	MSCI Hong Kong & Stock Index (HiMSCI)	Fut	Electronic				0.5	USD	FRPL	0.5	0.2	USD	FRPL
SGX-DT	SG Exchange	Energy	HM	Half-day Handysize Charter Basket OTC	Fut	Electronic				2.5	USD	FRPL	2.5	15	JPY	FRPL
SGX-DT	SG Exchange	Energy	HV	Handysize Time Charter Basket OTC	Fut	Electronic				4	USD	FRPL	4	15	JPY	FRPL
SGX-DT	SG Exchange	Energy	HVF	SGX Handysize Time Charter Average	Fut	Electronic				4	USD	FRPL	4	15	JPY	FRPL
SGX-DT	SG Exchange	Index	ID	MSCI Indonesia Index	Fut	Electronic				1.05	USD	FRPL	1.05	0.2	USD	FRPL
SGX-DT	SG Exchange	Index	IN	S&P CNX Nifty Index	Fut	Electronic				0.65	USD	FRPL	0.65	0.2	USD	FRPL
SGX-DT	SG Exchange	Index	IN	S&P CNX Nifty Index	Opt	Electronic				0.65	USD	FRPL	0.65	15	JPY	FRPL
SGX-DT	SG Exchange	Other	IR	Standard Indonesia Rubber (SIR20) OTC	Fut	Electronic				20	USD	FRPL	20	15	JPY	FRPL
SGX-DT	SG Exchange	Int Rate	JB	Mini Japanese Government Bond (JGB)	Fut	Electronic				0.15	USD	FRPL	0.15	15	JPY	FRPL
SGX-DT	SG Exchange	Int Rate	JB	Mini Japanese Government Bond (JGB)	Opt	Electronic				0.05	USD	FRPL	0.05	15	JPY	FRPL
SGX-DT	SG Exchange	Int Rate	JG	Japanese Government Bond (JGB)	Fut	Electronic				0.6	USD	FRPL	0.6	15	JPY	FRPL
SGX-DT	SG Exchange	Energy	KR	Kerosene Swap FOB Singapore OTC	Fut	Electronic				1.2	USD	FRPL	1.2	0.2	USD	FRPL
SGX-DT	SG Exchange	Energy	KRF	Platts Kerosene FOB Singapore Index	Fut	Electronic				1.2	USD	FRPL	1.2	0.2	USD	FRPL
SGX-DT	SG Exchange	Energy	KR_02	Kerosene Swap FOB Singapore BOM Day 2 OTC	Fut	Electronic				1.2	USD	FRPL	1.2	0.2	USD	FRPL
SGX-DT	SG Exchange	Energy	KR_03	Kerosene Swap FOB Singapore BOM Day 3 OTC	Fut	Electronic				1.2	USD	FRPL	1.2	0.2	USD	FRPL
SGX-DT	SG Exchange	Energy	KR_04	Kerosene Swap FOB Singapore BOM Day 4 OTC	Fut	Electronic				1.2	USD	FRPL	1.2	0.2	USD	FRPL
SGX-DT	SG Exchange	Energy	KR_05	Kerosene Swap FOB Singapore BOM Day 5 OTC	Fut	Electronic				1.2	USD	FRPL	1.2	0.2	USD	FRPL
SGX-DT	SG Exchange	Energy	KR_06	Kerosene Swap FOB Singapore BOM Day 6 OTC	Fut	Electronic				1.2	USD	FRPL	1.2	0.2	USD	FRPL
SGX-DT	SG Exchange	Energy	KR_07	Kerosene Swap FOB Singapore BOM Day 7 OTC	Fut	Electronic				1.2	USD	FRPL	1.2	0.2	USD	FRPL
SGX-DT	SG Exchange	Energy	KR_08	Kerosene Swap FOB Singapore BOM Day 8 OTC	Fut	Electronic				1.2	USD	FRPL	1.2	0.2	USD	FRPL

Exch Code	Exch Desc	Comm Group	Prod Code	Product Desc	F/O	Platform	Trd Fee	Trd Fee Cur	Trd Fee Meth	Clr Fee	Clr Fee Cur	Clr Fee Meth	Fee Total	Brk Fee	Brk Fee Cur	Brk Fee Meth
SGX-DT	SG Exchange	Energy	KR_09	Kerosene Swap FOB Singapore BOM Day 9 OTC	Fut	Electronic				1.2	USD	FRPL	1.2	0.2	USD	FRPL
SGX-DT	SG Exchange	Energy	KR_10	Kerosene Swap FOB Singapore BOM Day 10 OTC	Fut	Electronic				1.2	USD	FRPL	1.2	0.2	USD	FRPL
SGX-DT	SG Exchange	Energy	KR_11	Kerosene Swap FOB Singapore BOM Day 11 OTC	Fut	Electronic				1.2	USD	FRPL	1.2	0.2	USD	FRPL
SGX-DT	SG Exchange	Energy	KR_12	Kerosene Swap FOB Singapore BOM Day 12 OTC	Fut	Electronic				1.2	USD	FRPL	1.2	0.2	USD	FRPL
SGX-DT	SG Exchange	Energy	KR_13	Kerosene Swap FOB Singapore BOM Day 13 OTC	Fut	Electronic				1.2	USD	FRPL	1.2	0.2	USD	FRPL
SGX-DT	SG Exchange	Energy	KR_14	Kerosene Swap FOB Singapore BOM Day 14 OTC	Fut	Electronic				1.2	USD	FRPL	1.2	0.2	USD	FRPL
SGX-DT	SG Exchange	Energy	KR_15	Kerosene Swap FOB Singapore BOM Day 15 OTC	Fut	Electronic				1.2	USD	FRPL	1.2	0.2	USD	FRPL
SGX-DT	SG Exchange	Energy	KR_16	Kerosene Swap FOB Singapore BOM Day 16 OTC	Fut	Electronic				1.2	USD	FRPL	1.2	0.2	USD	FRPL
SGX-DT	SG Exchange	Energy	KR_17	Kerosene Swap FOB Singapore BOM Day 17 OTC	Fut	Electronic				1.2	USD	FRPL	1.2	0.2	USD	FRPL
SGX-DT	SG Exchange	Energy	KR_18	Kerosene Swap FOB Singapore BOM Day 18 OTC	Fut	Electronic				1.2	USD	FRPL	1.2	0.2	USD	FRPL
SGX-DT	SG Exchange	Energy	KR_19	Kerosene Swap FOB Singapore BOM Day 19 OTC	Fut	Electronic				1.2	USD	FRPL	1.2	0.2	USD	FRPL
SGX-DT	SG Exchange	Energy	KR_20	Kerosene Swap FOB Singapore BOM Day 20 OTC	Fut	Electronic				1.2	USD	FRPL	1.2	0.2	USD	FRPL
SGX-DT	SG Exchange	Energy	KR_21	Kerosene Swap FOB Singapore BOM Day 21 OTC	Fut	Electronic				1.2	USD	FRPL	1.2	0.2	USD	FRPL
SGX-DT	SG Exchange	Energy	KR_22	Kerosene Swap FOB Singapore BOM Day 22 OTC	Fut	Electronic				1.2	USD	FRPL	1.2	0.2	USD	FRPL
SGX-DT	SG Exchange	Energy	KR_23	Kerosene Swap FOB Singapore BOM Day 23 OTC	Fut	Electronic				1.2	USD	FRPL	1.2	0.2	USD	FRPL
SGX-DT	SG Exchange	Energy	KR_24	Kerosene Swap FOB Singapore BOM Day 24 OTC	Fut	Electronic				1.2	USD	FRPL	1.2	0.2	USD	FRPL
SGX-DT	SG Exchange	Energy	KR_25	Kerosene Swap FOB Singapore BOM Day 25 OTC	Fut	Electronic				1.2	USD	FRPL	1.2	0.2	USD	FRPL
SGX-DT	SG Exchange	Energy	KR_26	Kerosene Swap FOB Singapore BOM Day 26 OTC	Fut	Electronic				1.2	USD	FRPL	1.2	0.2	USD	FRPL
SGX-DT	SG Exchange	Energy	KR_27	Kerosene Swap FOB Singapore BOM Day 27 OTC	Fut	Electronic				1.2	USD	FRPL	1.2	0.2	USD	FRPL
SGX-DT	SG Exchange	Energy	KR_28	Kerosene Swap FOB Singapore BOM Day 28 OTC	Fut	Electronic				1.2	USD	FRPL	1.2	0.2	USD	FRPL
SGX-DT	SG Exchange	Energy	KR_29	Kerosene Swap FOB Singapore BOM Day 29 OTC	Fut	Electronic				1.2	USD	FRPL	1.2	0.2	USD	FRPL
SGX-DT	SG Exchange	Energy	KR_30	Kerosene Swap FOB Singapore BOM Day 30 OTC	Fut	Electronic				1.2	USD	FRPL	1.2	0.2	USD	FRPL
SGX-DT	SG Exchange	Energy	KR_31	Kerosene Swap FOB Singapore BOM Day 31 OTC	Fut	Electronic				1.2	USD	FRPL	1.2	0.2	USD	FRPL
SGX-DT	SG Exchange	Other	MR	Standard Malaysia Rubber (SMR20) OTC	Fut	Electronic				20	USD	FRPL	20	15	JPY	FRPL
SGX-DT	SG Exchange	Index	ND	Nikkei Stock Average Dividend Point Index	Fut	Electronic				1.05	USD	FRPL	1.05	15	JPY	FRPL
SGX-DT	SG Exchange	Energy	NJ	Naphtha Swap CFR Japan OTC	Fut	Electronic				7	USD	FRPL	7	0.2	USD	FRPL
SGX-DT	SG Exchange	Energy	NJF	Platts Naphtha CFR Japan Index	Fut	Electronic				1.5	USD	FRPL	1.5	0.2	USD	FRPL
SGX-DT	SG Exchange	Energy	NJ_02	Naphtha Swap CFR Japan BOM Day 2 OTC	Fut	Electronic				7	USD	FRPL	7	0.2	USD	FRPL
SGX-DT	SG Exchange	Energy	NJ_03	Naphtha Swap CFR Japan BOM Day 3 OTC	Fut	Electronic				7	USD	FRPL	7	0.2	USD	FRPL
SGX-DT	SG Exchange	Energy	NJ_04	Naphtha Swap CFR Japan BOM Day 4 OTC	Fut	Electronic				7	USD	FRPL	7	0.2	USD	FRPL
SGX-DT	SG Exchange	Energy	NJ_05	Naphtha Swap CFR Japan BOM Day 5 OTC	Fut	Electronic				7	USD	FRPL	7	0.2	USD	FRPL
SGX-DT	SG Exchange	Energy	NJ_06	Naphtha Swap CFR Japan BOM Day 6 OTC	Fut	Electronic				7	USD	FRPL	7	0.2	USD	FRPL
SGX-DT	SG Exchange	Energy	NJ_07	Naphtha Swap CFR Japan BOM Day 7 OTC	Fut	Electronic				7	USD	FRPL	7	0.2	USD	FRPL
SGX-DT	SG Exchange	Energy	NJ_08	Naphtha Swap CFR Japan BOM Day 8 OTC	Fut	Electronic				7	USD	FRPL	7	0.2	USD	FRPL
SGX-DT	SG Exchange	Energy	NJ_09	Naphtha Swap CFR Japan BOM Day 9 OTC	Fut	Electronic				7	USD	FRPL	7	0.2	USD	FRPL
SGX-DT	SG Exchange	Energy	NJ_10	Naphtha Swap CFR Japan BOM Day 10 OTC	Fut	Electronic				7	USD	FRPL	7	0.2	USD	FRPL
SGX-DT	SG Exchange	Energy	NJ_11	Naphtha Swap CFR Japan BOM Day 11 OTC	Fut	Electronic				7	USD	FRPL	7	0.2	USD	FRPL
SGX-DT	SG Exchange	Energy	NJ_12	Naphtha Swap CFR Japan BOM Day 12 OTC	Fut	Electronic				7	USD	FRPL	7	0.2	USD	FRPL
SGX-DT	SG Exchange	Energy	NJ_13	Naphtha Swap CFR Japan BOM Day 13 OTC	Fut	Electronic				7	USD	FRPL	7	0.2	USD	FRPL
SGX-DT	SG Exchange	Energy	NJ_14	Naphtha Swap CFR Japan BOM Day 14 OTC	Fut	Electronic				7	USD	FRPL	7	0.2	USD	FRPL
SGX-DT	SG Exchange	Energy	NJ_15	Naphtha Swap CFR Japan BOM Day 15 OTC	Fut	Electronic				7	USD	FRPL	7	0.2	USD	FRPL
SGX-DT	SG Exchange	Energy	NJ_16	Naphtha Swap CFR Japan BOM Day 16 OTC	Fut	Electronic				7	USD	FRPL	7	0.2	USD	FRPL
SGX-DT	SG Exchange	Energy	NJ_17	Naphtha Swap CFR Japan BOM Day 17 OTC	Fut	Electronic				7	USD	FRPL	7	0.2	USD	FRPL
SGX-DT	SG Exchange	Energy	NJ_18	Naphtha Swap CFR Japan BOM Day 18 OTC	Fut	Electronic				7	USD	FRPL	7	0.2	USD	FRPL
SGX-DT	SG Exchange	Energy	NJ_19	Naphtha Swap CFR Japan BOM Day 19 OTC	Fut	Electronic				7	USD	FRPL	7	0.2	USD	FRPL
SGX-DT	SG Exchange	Energy	NJ_20	Naphtha Swap CFR Japan BOM Day 20 OTC	Fut	Electronic				7	USD	FRPL	7	0.2	USD	FRPL
SGX-DT	SG Exchange	Energy	NJ_21	Naphtha Swap CFR Japan BOM Day 21 OTC	Fut	Electronic				7	USD	FRPL	7	0.2	USD	FRPL
SGX-DT	SG Exchange	Energy	NJ_22	Naphtha Swap CFR Japan BOM Day 22 OTC	Fut	Electronic				7	USD	FRPL	7	0.2	USD	FRPL
SGX-DT	SG Exchange	Energy	NJ_23	Naphtha Swap CFR Japan BOM Day 23 OTC	Fut	Electronic				7	USD	FRPL	7	0.2	USD	FRPL
SGX-DT	SG Exchange	Energy	NJ_24	Naphtha Swap CFR Japan BOM Day 24 OTC	Fut	Electronic				7	USD	FRPL	7	0.2	USD	FRPL
SGX-DT	SG Exchange	Energy	NJ_25	Naphtha Swap CFR Japan BOM Day 25 OTC	Fut	Electronic				7	USD	FRPL	7	0.2	USD	FRPL
SGX-DT	SG Exchange	Energy	NJ_26	Naphtha Swap CFR Japan BOM Day 26 OTC	Fut	Electronic				7	USD	FRPL	7	0.2	USD	FRPL
SGX-DT	SG Exchange	Energy	NJ_27	Naphtha Swap CFR Japan BOM Day 27 OTC	Fut	Electronic				7	USD	FRPL	7	0.2	USD	FRPL
SGX-DT	SG Exchange	Energy	NJ_28	Naphtha Swap CFR Japan BOM Day 28 OTC	Fut	Electronic				7	USD	FRPL	7	0.2	USD	FRPL
SGX-DT	SG Exchange	Energy	NJ_29	Naphtha Swap CFR Japan BOM Day 29 OTC	Fut	Electronic				7	USD	FRPL	7	0.2	USD	FRPL
SGX-DT	SG Exchange	Energy	NJ_30	Naphtha Swap CFR Japan BOM Day 30 OTC	Fut	Electronic				7	USD	FRPL	7	0.2	USD	FRPL
SGX-DT	SG Exchange	Energy	NJ_31	Naphtha Swap CFR Japan BOM Day 31 OTC	Fut	Electronic				7	USD	FRPL	7	0.2	USD	FRPL
SGX-DT	SG Exchange	Index	NK	Nikkei 225	Fut	Electronic				0.75	USD	FRPL	0.75	15	JPY	FRPL
SGX-DT	SG Exchange	Index	NK	Nikkei 225	Opt	Electronic				0.22	USD	FRPL	0.22	15	JPY	FRPL

Exch Code	Exch Desc	Comm Group	Prod Code	Product Desc	F/O	Platform	Trd Fee	Trd Fee Cur	Trd Fee Meth	Clr Fee	Clr Fee Cur	Clr Fee Meth	Fee Total	Brk Fee	Brk Fee Cur	Brk Fee Meth
SGX-DT	SG Exchange	Index	NS	Mini Nikkei 225 Index	Fut	Electronic				0.15	USD	FRPL	0.15	15	JPY	FRPL
SGX-DT	SG Exchange	Energy	NT	Naphtha Swap FOB Singapore OTC	Fut	Electronic				1.2	USD	FRPL	1.2	0.2	USD	FRPL
SGX-DT	SG Exchange	Index	NU	USD Nikkei 225 Index	Fut	Electronic				1.15	USD	FRPL	1.15	0.2	USD	FRPL
SGX-DT	SG Exchange	Energy	PM	Half-day Panamax Charter Basket OTC	Fut	Electronic				4	USD	FRPL	4	15	JPY	FRPL
SGX-DT	SG Exchange	Energy	PV	Panamax Time Charter Basket OTC	Fut	Electronic				6	USD	FRPL	6	15	JPY	FRPL
SGX-DT	SG Exchange	Energy	PVF	Baltic Panamax Time Charter Average	Fut	Electronic				6	USD	FRPL	6	15	JPY	FRPL
SGX-DT	SG Exchange	Energy	RG	Kerosene vs Gasoil Swap Differential OTC	Fut	Electronic				2	USD	FRPL	2	0.2	USD	FRPL
SGX-DT	SG Exchange	Energy	RGF	Singapore Regrade Spread	Fut	Electronic				2	USD	FRPL	2	0.2	USD	FRPL
SGX-DT	SG Exchange	Other	RT	RSS3	Fut	Electronic				1.2	USD	FRPL	1.2	15	JPY	FRPL
SGX-DT	SG Exchange	Index	SG	MSCI Singapore Index (SiMSCI)	Fut	Electronic				2.5	SGD	FRPL	2.5	15	JPY	FRPL
SGX-DT	SG Exchange	Index	SG	MSCI Singapore Index (SiMSCI)	Opt	Electronic				0.5	SGD	FRPL	0.5	15	JPY	FRPL
SGX-DT	SG Exchange	Energy	SM	Half-day Supramax Charter Basket OTC	Fut	Electronic				4	USD	FRPL	4	15	JPY	FRPL
SGX-DT	SG Exchange	Index	ST	Straits Times Index	Fut	Electronic				1	SGD	FRPL	1	15	JPY	FRPL
SGX-DT	SG Exchange	Energy	SV	Supramax Time Charter Basket OTC	Fut	Electronic				6	USD	FRPL	6	15	JPY	FRPL
SGX-DT	SG Exchange	Energy	SVF	SGX Supramax Time Charter Average	Fut	Electronic				6	USD	FRPL	6	15	JPY	FRPL
SGX-DT	SG Exchange	Other	TF	TSR20 (FOB)	Fut	Electronic				1.2	USD	FRPL	1.2	15	JPY	FRPL
SGX-DT	SG Exchange	Other	TR	Standard Thailand Rubber (STR20) OTC	Fut	Electronic				20	USD	FRPL	20	15	JPY	FRPL
SGX-DT	SG Exchange	Index	TW	MSCI Taiwan Index (TiMSCI)	Fut	Electronic				1.05	USD	FRPL	1.05	0.2	USD	FRPL
SGX-DT	SG Exchange	Index	TW	MSCI Taiwan Index (TiMSCI)	Opt	Electronic				0.15	USD	FRPL	0.15	0.2	USD	FRPL
SGX-DT	SG Exchange	Energy	VC	Fuel Oil 180cst Swap vs Fuel Oil 380cst Swap Differential OTC	Fut	Electronic				9	USD	FRPL	9	0.2	USD	FRPL
SGX-DT	SG Exchange	Energy	VCF	Singapore Visco Spread	Fut	Electronic				1.5	USD	FRPL	1.5	0.2	USD	FRPL
SGX-DT	SG Exchange	Metal	ZS	Zinc	Fut	Electronic				0.6	USD	FRPL	0.6	0.2	USD	FRPL
TIFFE	Tokyo Financial Exchange	Int Rate	EL	6 month Euroyen	Fut	Electronic	100	JPY	FRPL				100	15	JPY	FRPL
TIFFE	Tokyo Financial Exchange	Int Rate	EY	3 month Euroyen	Fut	Electronic	100	JPY	FRPL				100	15	JPY	FRPL
TIFFE	Tokyo Financial Exchange	Int Rate	EYO	3 month Euroyen	Opt	Electronic	50	JPY	FRPL				50	15	JPY	FRPL
TIFFE	Tokyo Financial Exchange	Int Rate	SN	Spot- Next Repo Rate	Fut	Electronic	100	JPY	FRPL				100	15	JPY	FRPL
TOCOM	Tokyo Commodity Exchange	Energy	CGAS	Chukyo Gasoline	Fut	Electronic	37	JPY	FRPL	5	JPY	FRPL	42	15	JPY	FRPL
TOCOM	Tokyo Commodity Exchange	Energy	CKER	Chukyo Kerosene	Fut	Electronic	37	JPY	FRPL	5	JPY	FRPL	42	15	JPY	FRPL
TOCOM	Tokyo Commodity Exchange	Energy	CRUD	Crude Oil	Fut	Electronic	55	JPY	FRPL	5	JPY	FRPL	60	15	JPY	FRPL
TOCOM	Tokyo Commodity Exchange	Energy	GASO	Gasoline	Fut	Electronic	55	JPY	FRPL	5	JPY	FRPL	60	15	JPY	FRPL
TOCOM	Tokyo Commodity Exchange	Metal	GOLD	Gold	Fut	Electronic	55	JPY	FRPL	5	JPY	FRPL	60	15	JPY	FRPL
TOCOM	Tokyo Commodity Exchange	Metal	GOLD	Gold	Opt	Electronic	19	JPY	FRPL	5	JPY	FRPL	24	15	JPY	FRPL
TOCOM	Tokyo Commodity Exchange	Energy	GSOL	Gas Oil	Fut	Electronic	55	JPY	FRPL	5	JPY	FRPL	60	15	JPY	FRPL
TOCOM	Tokyo Commodity Exchange	Energy	KERO	Kerosene	Fut	Electronic	55	JPY	FRPL	5	JPY	FRPL	60	15	JPY	FRPL
TOCOM	Tokyo Commodity Exchange	Metal	MGD	Mini Gold	Fut	Electronic	14	JPY	FRPL	5	JPY	FRPL	19	15	JPY	FRPL
TOCOM	Tokyo Commodity Exchange	Metal	MPT	Mini Platinum	Fut	Electronic	14	JPY	FRPL	5	JPY	FRPL	19	15	JPY	FRPL
TOCOM	Tokyo Commodity Exchange	Metal	PALL	Palladium	Fut	Electronic	55	JPY	FRPL	5	JPY	FRPL	60	15	JPY	FRPL
TOCOM	Tokyo Commodity Exchange	Metal	PLAT	Platinum	Fut	Electronic	55	JPY	FRPL	5	JPY	FRPL	60	15	JPY	FRPL
TOCOM	Tokyo Commodity Exchange	Other	RSS3	Rubber	Fut	Electronic	55	JPY	FRPL	5	JPY	FRPL	60	15	JPY	FRPL
TOCOM	Tokyo Commodity Exchange	Metal	SILV	Silver	Fut	Electronic	55	JPY	FRPL	5	JPY	FRPL	60	15	JPY	FRPL
TSE	Tokyo Stock Exchange	Equity		Group: TSE9 (Activia Properties Inc)	Opt	Electronic	10	JPY	FRPL	10	JPY	FRPL	20	15	JPY	FRPL
TSE	Tokyo Stock Exchange	Index	1306	TOPIX ETF	Opt	Electronic	40	JPY	FRPL	10	JPY	FRPL	50	15	JPY	FRPL
TSE	Tokyo Stock Exchange	Index	1330	Nikkei Exchange Traded 225	Opt	Electronic	40	JPY	FRPL	10	JPY	FRPL	50	15	JPY	FRPL
TSE	Tokyo Stock Exchange	Index	1343	Next Funds Reit Index ETF	Opt	Electronic	40	JPY	FRPL	10	JPY	FRPL	50	15	JPY	FRPL
TSE	Tokyo Stock Exchange	Index	1540	Japan Physical Gold ETF	Opt	Electronic	40	JPY	FRPL	10	JPY	FRPL	50	15	JPY	FRPL
TSE	Tokyo Stock Exchange	Index	1615	TOPIX Banks ETF	Opt	Electronic	40	JPY	FRPL	10	JPY	FRPL	50	15	JPY	FRPL
TSE	Tokyo Stock Exchange	Int Rate	JGBLF	10 year Japanese Government Bond	Fut	Electronic	95	JPY	FRPL	49	JPY	FRPL	144	15	JPY	FRPL
TSE	Tokyo Stock Exchange	Int Rate	JGBLFP	10 year Japanese Government Bond	Opt	Electronic	40	JPY	FRPL	10	JPY	FRPL	50	15	JPY	FRPL
TSE	Tokyo Stock Exchange	Int Rate	JGBLMF	Mini 10yr JGB	Fut	Electronic	20	JPY	FRPL	5	JPY	FRPL	25	15	JPY	FRPL
TSE	Tokyo Stock Exchange	Int Rate	JGBMF	5 year Japanese Government Bond	Fut	Electronic	95	JPY	FRPL	49	JPY	FRPL	144	15	JPY	FRPL
TSE	Tokyo Stock Exchange	Index	NKYDF	Nikkei Stock Average Dividend Point Index	Fut	Electronic	7	JPY	FRPL	10	JPY	FRPL	17	15	JPY	FRPL
TSE	Tokyo Stock Exchange	Index	REITF	REIT Index	Fut	Electronic	7	JPY	FRPL	2	JPY	FRPL	9	15	JPY	FRPL
TSE	Tokyo Stock Exchange	Index	TOPIXF	TOPIX	Fut	Electronic	55	JPY	FRPL	20	JPY	FRPL	75	15	JPY	FRPL
TSE	Tokyo Stock Exchange	Index	TOPIXMF	Mini TOPIX	Fut	Electronic	7	JPY	FRPL	2	JPY	FRPL	9	15	JPY	FRPL
TSE	Tokyo Stock Exchange	Index	TOPIXP	TOPIX	Opt	Electronic	40	JPY	FRPL	10	JPY	FRPL	50	15	JPY	FRPL
TSE	Tokyo Stock Exchange	Index	TPX30DF	TOPIX Core 30 Dividend Index	Fut	Electronic	7	JPY	FRPL	10	JPY	FRPL	17	15	JPY	FRPL
TSE	Tokyo Stock Exchange	Index	TPX30F	TOPIX Core 30	Fut	Electronic	7	JPY	FRPL	2	JPY	FRPL	9	15	JPY	FRPL
TSE	Tokyo Stock Exchange	Index	TPXBKF	TOPIX Banks	Fut	Electronic	55	JPY	FRPL	20	JPY	FRPL	75	15	JPY	FRPL
TSE	Tokyo Stock Exchange	Index	TPXDF	TOPIX Dividend Index	Fut	Electronic	7	JPY	FRPL	10	JPY	FRPL	17	15	JPY	FRPL

Exch Code	Exch Desc	Comm Group	Prod Code	Product Desc	F/O	Platform	Trd Fee	Trd Fee Cur	Trd Fee Meth	Clr Fee	Clr Fee Cur	Clr Fee Meth	Fee Total	Brk Fee	Brk Fee Cur	Brk Fee Meth
TSE	Tokyo Stock Exchange	Index	TPXELF	TOPIX Electric Appliances	Fut	Electronic	55	JPY	FRPL	20	JPY	FRPL	75	15	JPY	FRPL
WCE	ICE Futures Canada	Agri	BW	Barley	Fut	Electronic	1	CAD	FRPL				1	0.2	CAD	FRPL
WCE	ICE Futures Canada	Agri	BW	Barley	Opt	Electronic	1	CAD	FRPL				1	0.2	CAD	FRPL
WCE	ICE Futures Canada	Agri	DW	Durum Wheat	Fut	Electronic	2	CAD	FRPL				2	0.2	CAD	FRPL
WCE	ICE Futures Canada	Agri	DW	Durum Wheat	Opt	Electronic	2	CAD	FRPL				2	0.2	CAD	FRPL
WCE	ICE Futures Canada	Agri	RS	Canola	Fut	Electronic	1	CAD	FRPL				1	0.2	CAD	FRPL
WCE	ICE Futures Canada	Agri	RS	Canola	Opt	Electronic	1	CAD	FRPL				1	0.2	CAD	FRPL
WCE	ICE Futures Canada	Agri	WA	Milling Wheat	Fut	Electronic	2	CAD	FRPL				2	0.2	CAD	FRPL
WCE	ICE Futures Canada	Agri	WA	Milling Wheat	Opt	Electronic	2	CAD	FRPL				2	0.2	CAD	FRPL