



12-498

TO: Clearing Member Firms
Chief Financial Officers
Back Office Managers
Margin Managers

FROM: CME Clearing

SUBJECT: Performance Bond Requirements

DATE: Thursday, November 15, 2012

To receive advanced notification of Performance Bond (margin) changes, through our free automated mailing list, go to

<http://www.cmegroup.com/newsletter/web2lead/web2sf-old.html>

and subscribe to the Performance Bond Rates Advisory Notice listserver.

As per the normal review of market volatility to ensure adequate collateral coverage, the Chicago Mercantile Exchange Inc., Clearing House Risk Management staff approved the performance bond requirements for the following products listed below.

The rates will be effective after the close of business on

Tuesday, November 20, 2012.

Current rates as of:

Thursday, November 15, 2012.

In this current advisory there are changes to the Short Option Minimum and/or the Volatility Scan Range. Below are descriptions of what each change affects:

The Short Option Minimum (SOM) is a charge that is applied only to portfolios concentrated in short options that do not generate a minimum margin requirement level when margins are calculated using the normal 16 SPAN scenarios. The SOM charge per short calls or short puts is a percentage of the outright margin on one underlying futures contract.

The volatility scan range is the change in implied volatility that is used in each of SPAN's 16 scenarios.

SPAN MINIMUM PERFORMANCE BOND REQUIREMENTS

CC	Rate Type	Description	Change	ISO	Current Initial	Current Maintenance	New Initial	New Maintenance
Outright Rates								
AGRICULTURE - Outright Rates								
CLASS IV MILK FUTURE (DK)								
DK	Spec	Delivery Month	Increase	USD	810	600	1,013	750
DK	Hedge/Member	Delivery Month	Increase	USD	600	600	750	750
DK	Spec	Months 2-5	Increase	USD	1,485	1,100	1,755	1,300
DK	Hedge/Member	Months 2-5	Increase	USD	1,100	1,100	1,300	1,300
DK	Spec	Months 6+	Increase	USD	1,485	1,100	1,755	1,300
DK	Hedge/Member	Months 6+	Increase	USD	1,100	1,100	1,300	1,300
LEAN HOG FUTURES (LN)								
LN	Spec		Decrease	USD	1,688	1,250	1,418	1,050
LN	Hedge/Member		Decrease	USD	1,250	1,250	1,050	1,050
LIVE CATTLE FUTURES (LC)								
LC	Spec		Decrease	USD	1,620	1,200	1,350	1,000
LC	Hedge/Member		Decrease	USD	1,200	1,200	1,000	1,000
COAL - Outright Rates								
COAL API2 CIF ARA ARG-MCCLOSKEY FUT (MTF)								
MTF	Spec		Decrease	USD	2,640	2,400	2,310	2,100
MTF	Hedge/Member		Decrease	USD	2,400	2,400	2,100	2,100
COAL API4 RCH BAY ARGS MCCLOSKEY FUT (MFF)								
MFF	Spec		Decrease	USD	2,640	2,400	2,310	2,100
MFF	Hedge/Member		Decrease	USD	2,400	2,400	2,100	2,100
INDONESIAN COAL MCCLOSKEY SUBBIT. (MCC)								
MCC	Spec		Decrease	USD	2,750	2,500	2,200	2,000
MCC	Hedge/Member		Decrease	USD	2,500	2,500	2,000	2,000

SPAN MINIMUM PERFORMANCE BOND REQUIREMENTS

CC	Rate Type	Description	Change	ISO	Current Initial	Current Maintenance	New Initial	New Maintenance
Outright Rates								

CRUDE OIL - Outright Rates

DATED BRENT (PLATTS) DAILY FUT (7G)

7G	Spec		Decrease	USD	8,250	7,500	6,270	5,700
7G	Hedge/Member		Decrease	USD	7,500	7,500	5,700	5,700

DME OMAN CRUDE OIL (OQ)

OQ	Spec	All Months	Decrease	USD	5,775	5,250	5,225	4,750
OQ	Hedge/Member	All Months	Decrease	USD	5,250	5,250	4,750	4,750

DUBAI CRUDE OIL CALENDAR FUT (DC)

DC	Spec	All Months	Decrease	USD	5,775	5,250	5,225	4,750
DC	Hedge/Member	All Months	Decrease	USD	5,250	5,250	4,750	4,750

EUROPE DATED BRENT FUT (UB)

UB	Spec	All Months	Decrease	USD	6,160	5,600	5,500	5,000
UB	Hedge/Member	All Months	Decrease	USD	5,600	5,600	5,000	5,000

OMAN CRUDE FINANCIAL (ZG)

ZG	Spec	All Months	Decrease	USD	5,775	5,250	5,225	4,750
ZG	Hedge/Member	All Months	Decrease	USD	5,250	5,250	4,750	4,750

CRUDE OIL SPREADS - Outright Rates

DME OMAN CRUDE VS DUBIA PLATTS FUT (DPO)

DPO	Spec	Mnth 1	Increase	USD	990	900	1,210	1,100
DPO	Hedge/Member	Mnth 1	Increase	USD	900	900	1,100	1,100
DPO	Spec	Mnths 2+	Increase	USD	990	900	1,210	1,100
DPO	Hedge/Member	Mnths 2+	Increase	USD	900	900	1,100	1,100

WTS (ARGUS) V WTI TRD MTH FUT (FH)

FH	Spec	Mnth 1	Decrease	USD	1,870	1,700	1,320	1,200
FH	Hedge/Member	Mnth 1	Decrease	USD	1,700	1,700	1,200	1,200
FH	Spec	Mnths 2-3	Decrease	USD	1,650	1,500	1,320	1,200
FH	Hedge/Member	Mnths 2-3	Decrease	USD	1,500	1,500	1,200	1,200
FH	Spec	Mnths 4+	Decrease	USD	1,650	1,500	1,320	1,200
FH	Hedge/Member	Mnths 4+	Decrease	USD	1,500	1,500	1,200	1,200

SPAN MINIMUM PERFORMANCE BOND REQUIREMENTS

CC	Rate Type	Description	Change	ISO	Current Initial	Current Maintenance	New Initial	New Maintenance
Outright Rates								
ELECTRICITY - Outright Rates								
ISO NEW ENGLAND OFF-PEAK LMP FUT (KI)								
KI	Spec	Mnth 1	Increase	USD	3,850	3,500	5,500	5,000
KI	Hedge/Member	Mnth 1	Increase	USD	3,500	3,500	5,000	5,000
KI	Spec	Mnth 2	Increase	USD	3,850	3,500	5,500	5,000
KI	Hedge/Member	Mnth 2	Increase	USD	3,500	3,500	5,000	5,000
KI	Spec	Mnths 3-11	Increase	USD	2,750	2,500	4,125	3,750
KI	Hedge/Member	Mnths 3-11	Increase	USD	2,500	2,500	3,750	3,750
KI	Spec	Mnths 12+	Increase	USD	1,650	1,500	2,750	2,500
KI	Hedge/Member	Mnths 12+	Increase	USD	1,500	1,500	2,500	2,500
ISO NEW ENGLAND PEAK LMP FUT (NI)								
NI	Spec	Mnth 1	Increase	USD	5,500	5,000	6,600	6,000
NI	Hedge/Member	Mnth 1	Increase	USD	5,000	5,000	6,000	6,000
NI	Spec	Mnth 2	Increase	USD	4,400	4,000	6,600	6,000
NI	Hedge/Member	Mnth 2	Increase	USD	4,000	4,000	6,000	6,000
NEPOOL CONECTIC 5MW D AH PK (P2)								
P2	Spec	Mnth 2	Increase	USD	413	375	660	600
P2	Hedge/Member	Mnth 2	Increase	USD	375	375	600	600
NEPOOL INTR HUB 5MW D AH PK (U6)								
U6	Spec	Month 2	Increase	USD	413	375	660	600
U6	Hedge/Member	Month 2	Increase	USD	375	375	600	600
NEPOOL MAINE 5MW D AH PK (P9)								
P9	Spec	Mnth 2	Increase	USD	413	375	660	600
P9	Hedge/Member	Mnth 2	Increase	USD	375	375	600	600
NEPOOL NE MASS 5MW D AH PK (P7)								
P7	Spec	Mnth 2	Increase	USD	413	375	660	600
P7	Hedge/Member	Mnth 2	Increase	USD	375	375	600	600
NEPOOL NEW HAMP 5MW D AH PK (U2)								
U2	Spec	Mnth 1	Increase	USD	495	450	660	600
U2	Hedge/Member	Mnth 1	Increase	USD	450	450	600	600
U2	Spec	Mnth 2	Increase	USD	385	350	660	600
U2	Hedge/Member	Mnth 2	Increase	USD	350	350	600	600
NEPOOL RHD ISLD 5MW D AH PK (U4)								
U4	Spec	Mnth 1	Increase	USD	495	450	660	600
U4	Hedge/Member	Mnth 1	Increase	USD	450	450	600	600
U4	Spec	Mnth 2	Increase	USD	385	350	660	600
U4	Hedge/Member	Mnth 2	Increase	USD	350	350	600	600

SPAN MINIMUM PERFORMANCE BOND REQUIREMENTS

CC	Rate Type	Description	Change	ISO	Current Initial	Current Maintenance	New Initial	New Maintenance
Outright Rates								
NEPOOL SE MASS 5MW D AH PK (P4)								
P4	Spec	Mnth 2	Increase	USD	413	375	660	600
P4	Hedge/Member	Mnth 2	Increase	USD	375	375	600	600
NEPOOL W CNTR M 5MW D AH PK (R6)								
R6	Spec	Mnth 2	Increase	USD	413	375	660	600
R6	Hedge/Member	Mnth 2	Increase	USD	375	375	600	600
NYISO A (KA)								
KA	Spec	Mnth 1	Decrease	USD	2,475	2,250	1,375	1,250
KA	Hedge/Member	Mnth 1	Decrease	USD	2,250	2,250	1,250	1,250
KA	Spec	Mnth 2	Decrease	USD	1,760	1,600	1,100	1,000
KA	Hedge/Member	Mnth 2	Decrease	USD	1,600	1,600	1,000	1,000
KA	Spec	Mnths 12+	Increase	USD	495	450	660	600
KA	Hedge/Member	Mnths 12+	Increase	USD	450	450	600	600
NYISO G (KG)								
KG	Spec	Mnth 2	Increase	USD	1,925	1,750	2,475	2,250
KG	Hedge/Member	Mnth 2	Increase	USD	1,750	1,750	2,250	2,250
KG	Spec	Mnths 3-11	Increase	USD	1,100	1,000	1,650	1,500
KG	Hedge/Member	Mnths 3-11	Increase	USD	1,000	1,000	1,500	1,500
KG	Spec	Mnths 12+	Increase	USD	1,100	1,000	1,650	1,500
KG	Hedge/Member	Mnths 12+	Increase	USD	1,000	1,000	1,500	1,500
NYISO J (KJ)								
KJ	Spec	Mnths 3-11	Increase	USD	825	750	1,100	1,000
KJ	Hedge/Member	Mnths 3-11	Increase	USD	750	750	1,000	1,000
KJ	Spec	Mnths 12+	Increase	USD	825	750	1,100	1,000
KJ	Hedge/Member	Mnths 12+	Increase	USD	750	750	1,000	1,000
NYISO J OFF-PEAK (KK)								
KK	Spec	Mnth 2	Increase	USD	2,750	2,500	3,025	2,750
KK	Hedge/Member	Mnth 2	Increase	USD	2,500	2,500	2,750	2,750
NYISO REST OF STATE CAPACITY CAL MO (NRS)								
NRS	Spec	Mnths 2+	Increase	USD	4,400	4,000	5,500	5,000
NRS	Hedge/Member	Mnths 2+	Increase	USD	4,000	4,000	5,000	5,000

SPAN MINIMUM PERFORMANCE BOND REQUIREMENTS

CC	Rate Type	Description	Change	ISO	Current Initial	Current Maintenance	New Initial	New Maintenance
Outright Rates								
NYISO ZONE A 5MW D AH PK (K3)								
K3	Spec	Mnth 1	Decrease	USD	495	450	275	250
K3	Hedge/Member	Mnth 1	Decrease	USD	450	450	250	250
K3	Spec	Mnth 2	Decrease	USD	352	320	220	200
K3	Hedge/Member	Mnth 2	Decrease	USD	320	320	200	200
K3	Spec	Mnths 12+	Increase	USD	99	90	132	120
K3	Hedge/Member	Mnths 12+	Increase	USD	90	90	120	120
NYISO ZONE F 5MW O PK FUT (4M)								
4M	Spec	Mnth 2	Increase	USD	17	15	22	20
4M	Hedge/Member	Mnth 2	Increase	USD	15	15	20	20
NYISO ZONE F 5MW PK FUT (4L)								
4L	Spec	Mnth 1	Increase	USD	468	425	550	500
4L	Hedge/Member	Mnth 1	Increase	USD	425	425	500	500
4L	Spec	Mnth 2	Increase	USD	385	350	550	500
4L	Hedge/Member	Mnth 2	Increase	USD	350	350	500	500
4L	Spec	Mnths 3-11	Increase	USD	220	200	385	350
4L	Hedge/Member	Mnths 3-11	Increase	USD	200	200	350	350
4L	Spec	Mnths 12+	Increase	USD	165	150	220	200
4L	Hedge/Member	Mnths 12+	Increase	USD	150	150	200	200
NYISO ZONE G 5MW D AH O PK (D2)								
D2	Spec	Mnth 2	Increase	USD	17	15	22	20
D2	Hedge/Member	Mnth 2	Increase	USD	15	15	20	20
NYISO ZONE G 5MW D AH PK (T3)								
T3	Spec	Mnth 2	Increase	USD	385	350	495	450
T3	Hedge/Member	Mnth 2	Increase	USD	350	350	450	450
T3	Spec	Mnths 3-11	Increase	USD	220	200	330	300
T3	Hedge/Member	Mnths 3-11	Increase	USD	200	200	300	300
T3	Spec	Mnths 12+	Increase	USD	220	200	330	300
T3	Hedge/Member	Mnths 12+	Increase	USD	200	200	300	300
NYISO ZONE J 5MW D AH PK (D3)								
D3	Spec	Mnths 3-11	Increase	USD	165	150	220	200
D3	Hedge/Member	Mnths 3-11	Increase	USD	150	150	200	200
D3	Spec	Mnths 12+	Increase	USD	165	150	220	200
D3	Hedge/Member	Mnths 12+	Increase	USD	150	150	200	200

SPAN MINIMUM PERFORMANCE BOND REQUIREMENTS

CC	Rate Type	Description	Change	ISO	Current Initial	Current Maintenance	New Initial	New Maintenance
Outright Rates								

PJM MONTHLY (JM)

JM	Spec	Mnths 12-23	Decrease	USD	1,485	1,350	1,100	1,000
JM	Hedge/Member	Mnths 12-23	Decrease	USD	1,350	1,350	1,000	1,000
JM	Spec	Mnths 24+	Decrease	USD	1,210	1,100	990	900
JM	Hedge/Member	Mnths 24+	Decrease	USD	1,100	1,100	900	900

ENVIRONMENTAL - Outright Rates

IN DELIVERY MONTH EUA FUTURES (6T)

6T	Spec	Mth 1	Increase	EUR	748	680	836	760
6T	Hedge/Member	Mth 1	Increase	EUR	680	680	760	760
6T	Spec	Mths 2+	Increase	EUR	748	680	836	760
6T	Hedge/Member	Mths 2+	Increase	EUR	680	680	760	760

SPAN MINIMUM PERFORMANCE BOND REQUIREMENTS

CC	Rate Type	Description	Change	ISO	Current Initial	Current Maintenance	New Initial	New Maintenance
Outright Rates								
EQUITY INDEX - Outright Rates								
E-MINI NIKKEI 225 YEN DENOMINATED (ENY)								
ENY	Spec		Decrease	JPY	48,400	44,000	44,000	40,000
ENY	Hedge/Member		Decrease	JPY	44,000	44,000	40,000	40,000
EMINI SP 500 ENERGY SECTOR INDEX (XAE)								
XAE	Spec		Decrease	USD	3,850	3,500	3,520	3,200
XAE	Hedge/Member		Decrease	USD	3,500	3,500	3,200	3,200
EMINI SP500 - FINANCIAL SECT INDEX (XAF)								
XAF	Spec		Decrease	USD	1,980	1,800	1,760	1,600
XAF	Hedge/Member		Decrease	USD	1,800	1,800	1,600	1,600
EMINI SP500 MATERIALS SECTOR INDEX (XAB)								
XAB	Spec		Decrease	USD	1,760	1,600	1,540	1,400
XAB	Hedge/Member		Decrease	USD	1,600	1,600	1,400	1,400
N1 FUTURES (N1)								
N1	Spec		Decrease	JPY	242,000	220,000	220,000	200,000
N1	Hedge/Member		Decrease	JPY	220,000	220,000	200,000	200,000
NIKKEI 225 FUTURES (NK)								
NK	Spec		Decrease	USD	2,475	2,250	2,200	2,000
NK	Hedge/Member		Decrease	USD	2,250	2,250	2,000	2,000
SP 500 ENERGY SELECT SECTOR TIC (XET)								
XET	Spec		Decrease	USD	3,850	3,500	3,520	3,200
XET	Hedge/Member		Decrease	USD	3,500	3,500	3,200	3,200
SP 500 ENERGY SLCT SEC SYNTHETIC (1ET)								
1ET	Spec		Decrease	USD	3,850	3,500	3,520	3,200
1ET	Hedge/Member		Decrease	USD	3,500	3,500	3,200	3,200
SP 500 FINANCIAL SECTOR TIC (XFT)								
XFT	Spec		Decrease	USD	1,980	1,800	1,760	1,600
XFT	Hedge/Member		Decrease	USD	1,800	1,800	1,600	1,600
SP 500 FINANCIAL SLCT SEC SYNT (1FT)								
1FT	Spec		Decrease	USD	1,980	1,800	1,760	1,600
1FT	Hedge/Member		Decrease	USD	1,800	1,800	1,600	1,600
SP 500 MATERIALS SEL SECTOR SYNTH (1BT)								
1BT	Spec		Decrease	USD	1,760	1,600	1,540	1,400
1BT	Hedge/Member		Decrease	USD	1,600	1,600	1,400	1,400

SPAN MINIMUM PERFORMANCE BOND REQUIREMENTS

CC	Rate Type	Description	Change	ISO	Current Initial	Current Maintenance	New Initial	New Maintenance
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Outright Rates

SP 500 MATERIALS SEL SECTOR TIC (XBT)

XBT	Spec		Decrease	USD	1,760	1,600	1,540	1,400
XBT	Hedge/Member		Decrease	USD	1,600	1,600	1,400	1,400

FREIGHT - Outright Rates

TC5 RAS TANURA TO YOKOHAMA 55K MT (TH)

TH	Spec		Increase	USD	1,650	1,500	1,925	1,750
TH	Hedge/Member		Increase	USD	1,500	1,500	1,750	1,750

SPAN MINIMUM PERFORMANCE BOND REQUIREMENTS

CC	Rate Type	Description	Change	ISO	Current Initial	Current Maintenance	New Initial	New Maintenance
Outright Rates								
FX - Outright Rates								
AUSTRALIAN DOLLAR FUTURES (AD)								
AD	Spec		Decrease	USD	2,475	2,250	1,980	1,800
AD	Hedge/Member		Decrease	USD	2,250	2,250	1,800	1,800
BPSF FUTURE (BF)								
BF	Spec		Decrease	CHF	3,740	3,400	2,860	2,600
BF	Hedge/Member		Decrease	CHF	3,400	3,400	2,600	2,600
CANADIAN DOLLAR FUTURES (CD)								
CD	Spec		Decrease	USD	1,650	1,500	1,320	1,200
CD	Hedge/Member		Decrease	USD	1,500	1,500	1,200	1,200
E-MICRO AUD/USD FUTURES (M6A)								
M6A	Spec		Decrease	USD	248	225	198	180
M6A	Hedge/Member		Decrease	USD	225	225	180	180
E-MICRO CAD/USD FUTURES (MCD)								
MCD	Spec		Decrease	USD	165	150	132	120
MCD	Hedge/Member		Decrease	USD	150	150	120	120
E-MICRO CHF/USD FUTURES (MSF)								
MSF	Spec		Decrease	USD	385	350	330	300
MSF	Hedge/Member		Decrease	USD	350	350	300	300
EURO FX/SF FUTURES (RF)								
RF	Spec		Decrease	CHF	1,925	1,750	1,375	1,250
RF	Hedge/Member		Decrease	CHF	1,750	1,750	1,250	1,250
HUNGARIAN FORINT (USD) FUTURES (FR)								
FR	Spec		Decrease	USD	6,600	6,000	5,500	5,000
FR	Hedge/Member		Decrease	USD	6,000	6,000	5,000	5,000
NEW ZEALAND FUTURES (NE)								
NE	Spec		Decrease	USD	2,200	2,000	1,650	1,500
NE	Hedge/Member		Decrease	USD	2,000	2,000	1,500	1,500
SFJY FUTURES (SJ)								
SJ	Spec		Decrease	JPY	715,000	650,000	605,000	550,000
SJ	Hedge/Member		Decrease	JPY	650,000	650,000	550,000	550,000
SWISS FRANC FUTURES (SF)								
SF	Spec		Decrease	USD	3,850	3,500	3,300	3,000
SF	Hedge/Member		Decrease	USD	3,500	3,500	3,000	3,000

SPAN MINIMUM PERFORMANCE BOND REQUIREMENTS

CC	Rate Type	Description	Change	ISO	Current Initial	Current Maintenance	New Initial	New Maintenance
Outright Rates								
METALS - Outright Rates								
10 TROY OZ GOLD FUTURES (MGC)								
MGC	Spec		Decrease	USD	911	675	742	675
MGC	Hedge/Member		Decrease	USD	675	675	675	675
CLEARED OTC LONDON GOLD COLLATERAL (GB)								
GB	Spec		Decrease	USD	115	85	77	70
GB	Hedge/Member		Decrease	USD	85	85	70	70
CLEARED OTC LONDON GOLD FWD (CM) (GBC)								
GBC	Spec		Decrease	USD	115	85	77	70
GBC	Hedge/Member		Decrease	USD	85	85	70	70
COMEX 100 GOLD FUTURES (GC)								
GC	Spec		Decrease	USD	9,113	6,750	7,425	6,750
GC	Hedge/Member		Decrease	USD	6,750	6,750	6,750	6,750
COMEX 100 GOLD TRADE AT SETTLEMENT (GCT)								
GCT	Spec		Decrease	USD	9,113	6,750	7,425	6,750
GCT	Hedge/Member		Decrease	USD	6,750	6,750	6,750	6,750
COMEX 5000 SILVER FUTURES (SI)								
SI	Spec	Mths 1-4	Decrease	USD	16,875	12,500	12,100	11,000
SI	Hedge/Member	Mths 1-4	Decrease	USD	12,500	12,500	11,000	11,000
SI	Spec	Mths 5-6	Decrease	USD	16,875	12,500	12,100	11,000
SI	Hedge/Member	Mths 5-6	Decrease	USD	12,500	12,500	11,000	11,000
SI	Spec	Mths 7-12	Decrease	USD	16,875	12,500	12,100	11,000
SI	Hedge/Member	Mths 7-12	Decrease	USD	12,500	12,500	11,000	11,000
SI	Spec	Mths 13+	Decrease	USD	16,875	12,500	12,100	11,000
SI	Hedge/Member	Mths 13+	Decrease	USD	12,500	12,500	11,000	11,000
COMEX 5000 SILVER TRADE AT SETTLE (SIT)								
SIT	Spec	Mths 1-4	Decrease	USD	16,875	12,500	12,100	11,000
SIT	Hedge/Member	Mths 1-4	Decrease	USD	12,500	12,500	11,000	11,000
SIT	Spec	Mths 5-6	Decrease	USD	16,875	12,500	12,100	11,000
SIT	Hedge/Member	Mths 5-6	Decrease	USD	12,500	12,500	11,000	11,000
SIT	Spec	Mths 7-12	Decrease	USD	16,875	12,500	12,100	11,000
SIT	Hedge/Member	Mths 7-12	Decrease	USD	12,500	12,500	11,000	11,000
SIT	Spec	Mths 13+	Decrease	USD	16,875	12,500	12,100	11,000
SIT	Hedge/Member	Mths 13+	Decrease	USD	12,500	12,500	11,000	11,000

SPAN MINIMUM PERFORMANCE BOND REQUIREMENTS

CC	Rate Type	Description	Change	ISO	Current Initial	Current Maintenance	New Initial	New Maintenance
Outright Rates								
COMEX COPPER FUTURES (HG)								
HG	Spec	Mths 1-4	Decrease	USD	5,400	4,000	3,850	3,500
HG	Hedge/Member	Mths 1-4	Decrease	USD	4,000	4,000	3,500	3,500
HG	Spec	Mths 5+	Decrease	USD	5,400	4,000	3,850	3,500
HG	Hedge/Member	Mths 5+	Decrease	USD	4,000	4,000	3,500	3,500
COMEX COPPER SWAP FUTURES (HGS)								
HGS	Spec	Mths 1-4	Decrease	USD	5,400	4,000	3,850	3,500
HGS	Hedge/Member	Mths 1-4	Decrease	USD	4,000	4,000	3,500	3,500
HGS	Spec	Mths 5+	Decrease	USD	5,400	4,000	3,850	3,500
HGS	Hedge/Member	Mths 5+	Decrease	USD	4,000	4,000	3,500	3,500
COMEX MINY GOLD FUTURES (QO)								
QO	Spec		Decrease	USD	4,556	3,375	3,712	3,375
QO	Hedge/Member		Decrease	USD	3,375	3,375	3,375	3,375
COMEX MINY SILVER FUTURES (QI)								
QI	Spec	Mths 1-4	Decrease	USD	8,438	6,250	6,050	5,500
QI	Hedge/Member	Mths 1-4	Decrease	USD	6,250	6,250	5,500	5,500
QI	Spec	Mths 5-6	Decrease	USD	8,438	6,250	6,050	5,500
QI	Hedge/Member	Mths 5-6	Decrease	USD	6,250	6,250	5,500	5,500
QI	Spec	Mths 7-12	Decrease	USD	8,438	6,250	6,050	5,500
QI	Hedge/Member	Mths 7-12	Decrease	USD	6,250	6,250	5,500	5,500
QI	Spec	Mths 13+	Decrease	USD	8,438	6,250	6,050	5,500
QI	Hedge/Member	Mths 13+	Decrease	USD	6,250	6,250	5,500	5,500
E-MINI COPPER FUTURES (QC)								
QC	Spec	Mths 1-4	Decrease	USD	2,700	2,000	1,925	1,750
QC	Hedge/Member	Mths 1-4	Decrease	USD	2,000	2,000	1,750	1,750
QC	Spec	Mths 5+	Decrease	USD	2,700	2,000	1,925	1,750
QC	Hedge/Member	Mths 5+	Decrease	USD	2,000	2,000	1,750	1,750
E-MINI SILVER FUTURES (6Q)								
6Q	Spec	Mths 1-4	Decrease	USD	3,375	2,500	2,420	2,200
6Q	Hedge/Member	Mths 1-4	Decrease	USD	2,500	2,500	2,200	2,200
6Q	Spec	Mths 5-6	Decrease	USD	3,375	2,500	2,420	2,200
6Q	Hedge/Member	Mths 5-6	Decrease	USD	2,500	2,500	2,200	2,200
6Q	Spec	Mths 7-12	Decrease	USD	3,375	2,500	2,420	2,200
6Q	Hedge/Member	Mths 7-12	Decrease	USD	2,500	2,500	2,200	2,200
6Q	Spec	Mths 13+	Decrease	USD	3,375	2,500	2,420	2,200
6Q	Hedge/Member	Mths 13+	Decrease	USD	2,500	2,500	2,200	2,200

SPAN MINIMUM PERFORMANCE BOND REQUIREMENTS

CC	Rate Type	Description	Change	ISO	Current Initial	Current Maintenance	New Initial	New Maintenance
Outright Rates								
NYMEX HOT ROLLED STEEL FUTURES (HR)								
HR	Spec		Decrease	USD	495	450	440	400
HR	Hedge/Member		Decrease	USD	450	450	400	400
STEEL BILLET FOB BLK SEA FUT (SSF)								
SSF	Spec		Decrease	USD	3,300	3,000	2,750	2,500
SSF	Hedge/Member		Decrease	USD	3,000	3,000	2,500	2,500
U.S. MIDWEST BUSHELING SCRAP (BUS)								
BUS	Spec		Decrease	USD	1,210	1,100	935	850
BUS	Hedge/Member		Decrease	USD	1,100	1,100	850	850

SPAN MINIMUM PERFORMANCE BOND REQUIREMENTS

CC	Rate Type	Description	Change	ISO	Current Initial	Current Maintenance	New Initial	New Maintenance
Outright Rates								

NATURAL GAS - Outright Rates

ALGONQUIN CITYGATES BASIS (B4)

B4	Spec	Mnth 1	Increase	USD	3,300	3,000	4,950	4,500
B4	Hedge/Member	Mnth 1	Increase	USD	3,000	3,000	4,500	4,500
B4	Spec	Mnth 2	Increase	USD	1,650	1,500	2,475	2,250
B4	Hedge/Member	Mnth 2	Increase	USD	1,500	1,500	2,250	2,250
B4	Spec	Winter 2013	Increase	USD	1,100	1,000	1,925	1,750
B4	Hedge/Member	Winter 2013	Increase	USD	1,000	1,000	1,750	1,750
B4	Spec	Summer 2013	Increase	USD	440	400	550	500
B4	Hedge/Member	Summer 2013	Increase	USD	400	400	500	500
B4	Spec	Nov 2013+	Increase	USD	440	400	1,100	1,000
B4	Hedge/Member	Nov 2013+	Increase	USD	400	400	1,000	1,000

COLUMB GULF MAINLINE NG BASIS (5Z)

5Z	Spec	Mnth 1	Increase	USD	55	50	110	100
5Z	Hedge/Member	Mnth 1	Increase	USD	50	50	100	100
5Z	Spec	Mnths 2+	Increase	USD	55	50	110	100
5Z	Hedge/Member	Mnths 2+	Increase	USD	50	50	100	100

SPAN MINIMUM PERFORMANCE BOND REQUIREMENTS

CC	Rate Type	Description	Change	ISO	Current Initial	Current Maintenance	New Initial	New Maintenance
Outright Rates								

E-MINI NATURAL GAS FUTURES (QG)

QG	Spec	Mth 1	Decrease	USD	688	625	619	563
QG	Hedge/Member	Mth 1	Decrease	USD	625	625	563	563
QG	Spec	Mth 2	Decrease	USD	660	600	591	538
QG	Hedge/Member	Mth 2	Decrease	USD	600	600	538	538
QG	Spec	Winter 2013	Decrease	USD	605	550	536	488
QG	Hedge/Member	Winter 2013	Decrease	USD	550	550	488	488
QG	Spec	Summer 2013	Decrease	USD	550	500	481	438
QG	Hedge/Member	Summer 2013	Decrease	USD	500	500	438	438
QG	Spec	Winter 2014	Decrease	USD	523	475	454	413
QG	Hedge/Member	Winter 2014	Decrease	USD	475	475	413	413
QG	Spec	Apr 2014 - Mar 2015	Decrease	USD	468	425	399	363
QG	Hedge/Member	Apr 2014 - Mar 2015	Decrease	USD	425	425	363	363
QG	Spec	Apr 2015 - Mar 2016	Decrease	USD	468	425	399	363
QG	Hedge/Member	Apr 2015 - Mar 2016	Decrease	USD	425	425	363	363
QG	Spec	Apr 2016 - Mar 2017	Decrease	USD	468	425	399	363
QG	Hedge/Member	Apr 2016 - Mar 2017	Decrease	USD	425	425	363	363
QG	Spec	Apr 2017+	Decrease	USD	578	525	509	463
QG	Hedge/Member	Apr 2017+	Decrease	USD	525	525	463	463

FLORIDA GAS ZONE3 BASIS FUT (FP)

FP	Spec	Mnth 1	Increase	USD	138	125	220	200
FP	Hedge/Member	Mnth 1	Increase	USD	125	125	200	200
FP	Spec	Mnth 2	Increase	USD	138	125	220	200
FP	Hedge/Member	Mnth 2	Increase	USD	125	125	200	200
FP	Spec	Mnth 3-6	Increase	USD	83	75	165	150
FP	Hedge/Member	Mnth 3-6	Increase	USD	75	75	150	150

SPAN MINIMUM PERFORMANCE BOND REQUIREMENTS

CC	Rate Type	Description	Change	ISO	Current Initial	Current Maintenance	New Initial	New Maintenance
Outright Rates								

HENRY HUB FUT (NN)

NN	Spec	Mth 1	Decrease	USD	688	625	619	563
NN	Hedge/Member	Mth 1	Decrease	USD	625	625	563	563
NN	Spec	Mth 2	Decrease	USD	660	600	591	538
NN	Hedge/Member	Mth 2	Decrease	USD	600	600	538	538
NN	Spec	Winter 2013	Decrease	USD	605	550	536	488
NN	Hedge/Member	Winter 2013	Decrease	USD	550	550	488	488
NN	Spec	Summer 2013	Decrease	USD	550	500	481	438
NN	Hedge/Member	Summer 2013	Decrease	USD	500	500	438	438
NN	Spec	Winter 2014	Decrease	USD	523	475	454	413
NN	Hedge/Member	Winter 2014	Decrease	USD	475	475	413	413
NN	Spec	Apr 2014 - Mar 2015	Decrease	USD	468	425	399	363
NN	Hedge/Member	Apr 2014 - Mar 2015	Decrease	USD	425	425	363	363
NN	Spec	Apr 2015 - Mar 2016	Decrease	USD	468	425	399	363
NN	Hedge/Member	Apr 2015 - Mar 2016	Decrease	USD	425	425	363	363
NN	Spec	Apr 2016 - Mar 2017	Decrease	USD	468	425	399	363
NN	Hedge/Member	Apr 2016 - Mar 2017	Decrease	USD	425	425	363	363
NN	Spec	Apr 2017+	Decrease	USD	578	525	509	463
NN	Hedge/Member	Apr 2017+	Decrease	USD	525	525	463	463

SPAN MINIMUM PERFORMANCE BOND REQUIREMENTS

CC	Rate Type	Description	Change	ISO	Current Initial	Current Maintenance	New Initial	New Maintenance
Outright Rates								

HENRY HUB FUT TRADE AT SETTLEMENT (NNT)

NNT	Spec	Mth 1	Decrease	USD	688	625	619	563
NNT	Hedge/Member	Mth 1	Decrease	USD	625	625	563	563
NNT	Spec	Mth 2	Decrease	USD	660	600	591	538
NNT	Hedge/Member	Mth 2	Decrease	USD	600	600	538	538
NNT	Spec	Winter 2013	Decrease	USD	605	550	536	488
NNT	Hedge/Member	Winter 2013	Decrease	USD	550	550	488	488
NNT	Spec	Summer 2013	Decrease	USD	550	500	481	438
NNT	Hedge/Member	Summer 2013	Decrease	USD	500	500	438	438
NNT	Spec	Winter 2014	Decrease	USD	523	475	454	413
NNT	Hedge/Member	Winter 2014	Decrease	USD	475	475	413	413
NNT	Spec	Apr 2014 - Mar 2015	Decrease	USD	468	425	399	363
NNT	Hedge/Member	Apr 2014 - Mar 2015	Decrease	USD	425	425	363	363
NNT	Spec	Apr 2015 - Mar 2016	Decrease	USD	468	425	399	363
NNT	Hedge/Member	Apr 2015 - Mar 2016	Decrease	USD	425	425	363	363
NNT	Spec	Apr 2016 - Mar 2017	Decrease	USD	468	425	399	363
NNT	Hedge/Member	Apr 2016 - Mar 2017	Decrease	USD	425	425	363	363
NNT	Spec	Apr 2017+	Decrease	USD	578	525	509	463
NNT	Hedge/Member	Apr 2017+	Decrease	USD	525	525	463	463

SPAN MINIMUM PERFORMANCE BOND REQUIREMENTS

CC	Rate Type	Description	Change	ISO	Current Initial	Current Maintenance	New Initial	New Maintenance
Outright Rates								

HENRY HUB NAT GAS LAST DAY DELV (MNG)

MNG	Spec	Mth 1	Decrease	USD	688	625	619	563
MNG	Hedge/Member	Mth 1	Decrease	USD	625	625	563	563
MNG	Spec	Mth 2	Decrease	USD	660	600	591	538
MNG	Hedge/Member	Mth 2	Decrease	USD	600	600	538	538
MNG	Spec	Winter 2013	Decrease	USD	605	550	536	488
MNG	Hedge/Member	Winter 2013	Decrease	USD	550	550	488	488
MNG	Spec	Summer 2013	Decrease	USD	550	500	481	438
MNG	Hedge/Member	Summer 2013	Decrease	USD	500	500	438	438
MNG	Spec	Winter 2014	Decrease	USD	523	475	454	413
MNG	Hedge/Member	Winter 2014	Decrease	USD	475	475	413	413
MNG	Spec	Apr 2014 - Mar 2015	Decrease	USD	468	425	399	363
MNG	Hedge/Member	Apr 2014 - Mar 2015	Decrease	USD	425	425	363	363
MNG	Spec	Apr 2015 - Mar 2016	Decrease	USD	468	425	399	363
MNG	Hedge/Member	Apr 2015 - Mar 2016	Decrease	USD	425	425	363	363
MNG	Spec	Apr 2016 - Mar 2017	Decrease	USD	468	425	399	363
MNG	Hedge/Member	Apr 2016 - Mar 2017	Decrease	USD	425	425	363	363
MNG	Spec	Apr 2017+	Decrease	USD	578	525	509	463
MNG	Hedge/Member	Apr 2017+	Decrease	USD	525	525	463	463

SPAN MINIMUM PERFORMANCE BOND REQUIREMENTS

CC	Rate Type	Description	Change	ISO	Current Initial	Current Maintenance	New Initial	New Maintenance
Outright Rates								

HENRY HUB PENULTIMATE (NP)

NP	Spec	Mth 1	Decrease	USD	688	625	619	563
NP	Hedge/Member	Mth 1	Decrease	USD	625	625	563	563
NP	Spec	Mth 2	Decrease	USD	660	600	591	538
NP	Hedge/Member	Mth 2	Decrease	USD	600	600	538	538
NP	Spec	Winter 2013	Decrease	USD	605	550	536	488
NP	Hedge/Member	Winter 2013	Decrease	USD	550	550	488	488
NP	Spec	Summer 2013	Decrease	USD	550	500	481	438
NP	Hedge/Member	Summer 2013	Decrease	USD	500	500	438	438
NP	Spec	Winter 2014	Decrease	USD	523	475	454	413
NP	Hedge/Member	Winter 2014	Decrease	USD	475	475	413	413
NP	Spec	Apr 2014 - Mar 2015	Decrease	USD	468	425	399	363
NP	Hedge/Member	Apr 2014 - Mar 2015	Decrease	USD	425	425	363	363
NP	Spec	Apr 2015 - Mar 2016	Decrease	USD	468	425	399	363
NP	Hedge/Member	Apr 2015 - Mar 2016	Decrease	USD	425	425	363	363
NP	Spec	Apr 2016 - Mar 2017	Decrease	USD	468	425	399	363
NP	Hedge/Member	Apr 2016 - Mar 2017	Decrease	USD	425	425	363	363
NP	Spec	Apr 2017+	Decrease	USD	578	525	509	463
NP	Hedge/Member	Apr 2017+	Decrease	USD	525	525	463	463

SPAN MINIMUM PERFORMANCE BOND REQUIREMENTS

CC	Rate Type	Description	Change	ISO	Current Initial	Current Maintenance	New Initial	New Maintenance
Outright Rates								
NATURAL GAS HENRY HUB FUTURE (NG)								
NG	Spec	Mth 1	Decrease	USD	2,750	2,500	2,475	2,250
NG	Hedge/Member	Mth 1	Decrease	USD	2,500	2,500	2,250	2,250
NG	Spec	Mth 2	Decrease	USD	2,640	2,400	2,365	2,150
NG	Hedge/Member	Mth 2	Decrease	USD	2,400	2,400	2,150	2,150
NG	Spec	Winter 2013	Decrease	USD	2,420	2,200	2,145	1,950
NG	Hedge/Member	Winter 2013	Decrease	USD	2,200	2,200	1,950	1,950
NG	Spec	Summer 2013	Decrease	USD	2,200	2,000	1,925	1,750
NG	Hedge/Member	Summer 2013	Decrease	USD	2,000	2,000	1,750	1,750
NG	Spec	Winter 2014	Decrease	USD	2,090	1,900	1,815	1,650
NG	Hedge/Member	Winter 2014	Decrease	USD	1,900	1,900	1,650	1,650
NG	Spec	Apr 2014 - Mar 2015	Decrease	USD	1,870	1,700	1,595	1,450
NG	Hedge/Member	Apr 2014 - Mar 2015	Decrease	USD	1,700	1,700	1,450	1,450
NG	Spec	Apr 2015 - Mar 2016	Decrease	USD	1,870	1,700	1,595	1,450
NG	Hedge/Member	Apr 2015 - Mar 2016	Decrease	USD	1,700	1,700	1,450	1,450
NG	Spec	Apr 2016 - Mar 2017	Decrease	USD	1,870	1,700	1,595	1,450
NG	Hedge/Member	Apr 2016 - Mar 2017	Decrease	USD	1,700	1,700	1,450	1,450
NG	Spec	Apr 2017+	Decrease	USD	2,310	2,100	2,035	1,850
NG	Hedge/Member	Apr 2017+	Decrease	USD	2,100	2,100	1,850	1,850

SPAN MINIMUM PERFORMANCE BOND REQUIREMENTS

CC	Rate Type	Description	Change	ISO	Current Initial	Current Maintenance	New Initial	New Maintenance
Outright Rates								

NATURAL GAS TRADE AT SETTLEMENT (NGT)

NGT	Spec	Mth 1	Decrease	USD	2,750	2,500	2,475	2,250
NGT	Hedge/Member	Mth 1	Decrease	USD	2,500	2,500	2,250	2,250
NGT	Spec	Mth 2	Decrease	USD	2,640	2,400	2,365	2,150
NGT	Hedge/Member	Mth 2	Decrease	USD	2,400	2,400	2,150	2,150
NGT	Spec	Winter 2013	Decrease	USD	2,420	2,200	2,145	1,950
NGT	Hedge/Member	Winter 2013	Decrease	USD	2,200	2,200	1,950	1,950
NGT	Spec	Summer 2013	Decrease	USD	2,200	2,000	1,925	1,750
NGT	Hedge/Member	Summer 2013	Decrease	USD	2,000	2,000	1,750	1,750
NGT	Spec	Winter 2014	Decrease	USD	2,090	1,900	1,815	1,650
NGT	Hedge/Member	Winter 2014	Decrease	USD	1,900	1,900	1,650	1,650
NGT	Spec	Apr 2014 - Mar 2015	Decrease	USD	1,870	1,700	1,595	1,450
NGT	Hedge/Member	Apr 2014 - Mar 2015	Decrease	USD	1,700	1,700	1,450	1,450
NGT	Spec	Apr 2015 - Mar 2016	Decrease	USD	1,870	1,700	1,595	1,450
NGT	Hedge/Member	Apr 2015 - Mar 2016	Decrease	USD	1,700	1,700	1,450	1,450
NGT	Spec	Apr 2016 - Mar 2017	Decrease	USD	1,870	1,700	1,595	1,450
NGT	Hedge/Member	Apr 2016 - Mar 2017	Decrease	USD	1,700	1,700	1,450	1,450
NGT	Spec	Apr 2017+	Decrease	USD	2,310	2,100	2,035	1,850
NGT	Hedge/Member	Apr 2017+	Decrease	USD	2,100	2,100	1,850	1,850

NORTHERN NATURAL GAS DEMAR BASIS FUT (PE)

PE	Spec	Mths 1-2	Increase	USD	220	200	385	350
PE	Hedge/Member	Mths 1-2	Increase	USD	200	200	350	350

SPAN MINIMUM PERFORMANCE BOND REQUIREMENTS

CC	Rate Type	Description	Change	ISO	Current Initial	Current Maintenance	New Initial	New Maintenance
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Outright Rates

NYMEX NATURAL GAS (H.HUB LTD) FUT (HH)

HH	Spec	Mth 1	Decrease	USD	2,750	2,500	2,475	2,250
HH	Hedge/Member	Mth 1	Decrease	USD	2,500	2,500	2,250	2,250
HH	Spec	Mth 2	Decrease	USD	2,640	2,400	2,365	2,150
HH	Hedge/Member	Mth 2	Decrease	USD	2,400	2,400	2,150	2,150
HH	Spec	Winter 2013	Decrease	USD	2,420	2,200	2,145	1,950
HH	Hedge/Member	Winter 2013	Decrease	USD	2,200	2,200	1,950	1,950
HH	Spec	Summer 2013	Decrease	USD	2,200	2,000	1,925	1,750
HH	Hedge/Member	Summer 2013	Decrease	USD	2,000	2,000	1,750	1,750
HH	Spec	Winter 2014	Decrease	USD	2,090	1,900	1,815	1,650
HH	Hedge/Member	Winter 2014	Decrease	USD	1,900	1,900	1,650	1,650
HH	Spec	Apr 2014 - Mar 2015	Decrease	USD	1,870	1,700	1,595	1,450
HH	Hedge/Member	Apr 2014 - Mar 2015	Decrease	USD	1,700	1,700	1,450	1,450
HH	Spec	Apr 2015 - Mar 2016	Decrease	USD	1,870	1,700	1,595	1,450
HH	Hedge/Member	Apr 2015 - Mar 2016	Decrease	USD	1,700	1,700	1,450	1,450
HH	Spec	Apr 2016 - Mar 2017	Decrease	USD	1,870	1,700	1,595	1,450
HH	Hedge/Member	Apr 2016 - Mar 2017	Decrease	USD	1,700	1,700	1,450	1,450
HH	Spec	Apr 2017+	Decrease	USD	2,310	2,100	2,035	1,850
HH	Hedge/Member	Apr 2017+	Decrease	USD	2,100	2,100	1,850	1,850

SPAN MINIMUM PERFORMANCE BOND REQUIREMENTS

CC	Rate Type	Description	Change	ISO	Current Initial	Current Maintenance	New Initial	New Maintenance
Outright Rates								
NYMEX NATURAL GAS FUTURES (HP)								
HP	Spec	Mth 1	Decrease	USD	2,750	2,500	2,475	2,250
HP	Hedge/Member	Mth 1	Decrease	USD	2,500	2,500	2,250	2,250
HP	Spec	Mth 2	Decrease	USD	2,640	2,400	2,365	2,150
HP	Hedge/Member	Mth 2	Decrease	USD	2,400	2,400	2,150	2,150
HP	Spec	Winter 2013	Decrease	USD	2,420	2,200	2,145	1,950
HP	Hedge/Member	Winter 2013	Decrease	USD	2,200	2,200	1,950	1,950
HP	Spec	Summer 2013	Decrease	USD	2,200	2,000	1,925	1,750
HP	Hedge/Member	Summer 2013	Decrease	USD	2,000	2,000	1,750	1,750
HP	Spec	Winter 2014	Decrease	USD	2,090	1,900	1,815	1,650
HP	Hedge/Member	Winter 2014	Decrease	USD	1,900	1,900	1,650	1,650
HP	Spec	Apr 2014 - Mar 2015	Decrease	USD	1,870	1,700	1,595	1,450
HP	Hedge/Member	Apr 2014 - Mar 2015	Decrease	USD	1,700	1,700	1,450	1,450
HP	Spec	Apr 2015 - Mar 2016	Decrease	USD	1,870	1,700	1,595	1,450
HP	Hedge/Member	Apr 2015 - Mar 2016	Decrease	USD	1,700	1,700	1,450	1,450
HP	Spec	Apr 2016 - Mar 2017	Decrease	USD	1,870	1,700	1,595	1,450
HP	Hedge/Member	Apr 2016 - Mar 2017	Decrease	USD	1,700	1,700	1,450	1,450
HP	Spec	Apr 2017+	Decrease	USD	2,310	2,100	2,035	1,850
HP	Hedge/Member	Apr 2017+	Decrease	USD	2,100	2,100	1,850	1,850
SOCAL PIPE FUT (XN)								
XN	Spec	Mnth 1	Increase	USD	770	700	1,100	1,000
XN	Hedge/Member	Mnth 1	Increase	USD	700	700	1,000	1,000
TEXAS EASTERN ZONE M-3 BASIS FUT (NX)								
NX	Spec	Nov 2013+	Increase	USD	275	250	495	450
NX	Hedge/Member	Nov 2013+	Increase	USD	250	250	450	450
TEXAS GAS ZONE SL BASIS FUT (TB)								
TB	Spec	Mth 1	Increase	USD	220	200	440	400
TB	Hedge/Member	Mth 1	Increase	USD	200	200	400	400
TB	Spec	Mths 2+	Increase	USD	165	150	330	300
TB	Hedge/Member	Mths 2+	Increase	USD	150	150	300	300

SPAN MINIMUM PERFORMANCE BOND REQUIREMENTS

CC	Rate Type	Description	Change	ISO	Current Initial	Current Maintenance	New Initial	New Maintenance
Outright Rates								
TEXAS GAS ZONE1 NG BASIS (9F)								
9F	Spec	Mnth 1	Increase	USD	220	200	440	400
9F	Hedge/Member	Mnth 1	Increase	USD	200	200	400	400
9F	Spec	Mnths 2+	Increase	USD	220	200	440	400
9F	Hedge/Member	Mnths 2+	Increase	USD	200	200	400	400
TRANSCO ZONE 6 BASIS FUT (NZ)								
NZ	Spec	Mnth 1	Increase	USD	2,750	2,500	4,400	4,000
NZ	Hedge/Member	Mnth 1	Increase	USD	2,500	2,500	4,000	4,000
NZ	Spec	Mnth 2	Increase	USD	2,200	2,000	3,300	3,000
NZ	Hedge/Member	Mnth 2	Increase	USD	2,000	2,000	3,000	3,000
NZ	Spec	Winter 2013	Increase	USD	1,320	1,200	2,970	2,700
NZ	Hedge/Member	Winter 2013	Increase	USD	1,200	1,200	2,700	2,700
NZ	Spec	Nov 2013+	Increase	USD	990	900	1,375	1,250
NZ	Hedge/Member	Nov 2013+	Increase	USD	900	900	1,250	1,250
VENTURA BASIS FUT (PF)								
PF	Spec	Mnths 1-2	Increase	USD	220	200	385	350
PF	Hedge/Member	Mnths 1-2	Increase	USD	200	200	350	350
NGL/PETROCHEMICALS - Outright Rates								
CONWAY NORMAL BUTANE FUT (8M)								
8M	Spec		Increase	USD	5,500	5,000	7,700	7,000
8M	Hedge/Member		Increase	USD	5,000	5,000	7,000	7,000
HDPE HIGH DEN POLYETHYLENE CAL FUT (HPE)								
HPE	Spec		Increase	USD	1,375	1,250	1,650	1,500
HPE	Hedge/Member		Increase	USD	1,250	1,250	1,500	1,500
MT. BELVIEU PHSL NAT GAS OPIS (3R)								
3R	Spec	Mnth 1	Increase	USD	6,050	5,500	7,150	6,500
3R	Hedge/Member	Mnth 1	Increase	USD	5,500	5,500	6,500	6,500
3R	Spec	Mnths 2+	New	USD			6,050	5,500
3R	Hedge/Member	Mnths 2+	New	USD			5,500	5,500

SPAN MINIMUM PERFORMANCE BOND REQUIREMENTS

CC	Rate Type	Description	Change	ISO	Current Initial	Current Maintenance	New Initial	New Maintenance
Outright Rates								
PETROLEUM CRACKS AND SPREADS - Outright Rates								
1% FOIL(PLTS) CARGOES FOB NWE CRACK (FVB)								
FVB	Spec	Mnths 3+	Increase	USD	6,985	6,350	10,478	9,525
FVB	Hedge/Member	Mnths 3+	Increase	USD	6,350	6,350	9,525	9,525
ARGS GSOLNE E-BOB OXY BARGES NWE CK (EOB)								
EOB	Spec	Mnths 7+	Decrease	USD	9,163	8,330	6,414	5,831
EOB	Hedge/Member	Mnths 7+	Decrease	USD	8,330	8,330	5,831	5,831
CHICAGO UNL GAS PL VS RBOB SPR (3C)								
3C	Spec		Decrease	USD	4,510	4,100	4,180	3,800
3C	Hedge/Member		Decrease	USD	4,100	4,100	3,800	3,800
EAST/WEST FUEL OIL SPREAD FUT (EW)								
EW	Spec	Mths 4+	Decrease	USD	2,475	2,250	2,035	1,850
EW	Hedge/Member	Mths 4+	Decrease	USD	2,250	2,250	1,850	1,850
EUR1%FUEL OIL CARG FOB MED V FOBNWE (ENS)								
ENS	Spec	Mth 1	Decrease	USD	7,700	7,000	6,600	6,000
ENS	Hedge/Member	Mth 1	Decrease	USD	7,000	7,000	6,000	6,000
ENS	Spec	Mths 2+	Decrease	USD	5,500	5,000	4,400	4,000
ENS	Hedge/Member	Mths 2+	Decrease	USD	5,000	5,000	4,000	4,000
FAME0(ARG)BIO FOB ROTRD VS ICE GSOL (LE)								
LE	Spec		Decrease	USD	6,600	6,000	4,400	4,000
LE	Hedge/Member		Decrease	USD	6,000	6,000	4,000	4,000
FUEL OIL NWE CRACK VS. ICE (FI)								
FI	Spec	Mnths 3+	Increase	USD	1,100	1,000	1,650	1,500
FI	Hedge/Member	Mnths 3+	Increase	USD	1,000	1,000	1,500	1,500
G. COAST #6 FUEL OIL 3.0% VS BRENT (GCI)								
GCI	Spec		Increase	USD	1,320	1,200	1,650	1,500
GCI	Hedge/Member		Increase	USD	1,200	1,200	1,500	1,500
GAS EURO-BOB OXY (ARG) CRACK (7K)								
7K	Spec	Mnths 7+	Decrease	USD	1,100	1,000	770	700
7K	Hedge/Member	Mnths 7+	Decrease	USD	1,000	1,000	700	700
GASOIL 0.1CIF MED VS. ICE GAS (Z5)								
Z5	Spec		Decrease	USD	3,300	3,000	2,750	2,500
Z5	Hedge/Member		Decrease	USD	3,000	3,000	2,500	2,500

SPAN MINIMUM PERFORMANCE BOND REQUIREMENTS

CC	Rate Type	Description	Change	ISO	Current Initial	Current Maintenance	New Initial	New Maintenance
Outright Rates								
GASOIL CRACK SPREAD CALENDAR FUT (GZ)								
GZ	Spec	Mnths 7+	Increase	USD	2,420	2,200	3,190	2,900
GZ	Hedge/Member	Mnths 7+	Increase	USD	2,200	2,200	2,900	2,900
GASOIL(ICE) CRACK SPREAD 1000MT FUT (GOC)								
GOC	Spec	Mnths 7+	Increase	USD	18,029	16,390	23,766	21,605
GOC	Hedge/Member	Mnths 7+	Increase	USD	16,390	16,390	21,605	21,605
GRP THREE UNL GS (PLT) VS RBOB (A8)								
A8	Spec	Mnths 2-4	Decrease	USD	3,300	3,000	2,750	2,500
A8	Hedge/Member	Mnths 2-4	Decrease	USD	3,000	3,000	2,500	2,500
GSL50PPM PLTS BARGS FOBRDM VS ICE (GRS)								
GRS	Spec		Decrease	USD	6,600	6,000	4,950	4,500
GRS	Hedge/Member		Decrease	USD	6,000	6,000	4,500	4,500
GULF COAST ULSD CRACK SPREAD (GY)								
GY	Spec	Mnth 1	Decrease	USD	3,025	2,750	2,750	2,500
GY	Hedge/Member	Mnth 1	Decrease	USD	2,750	2,750	2,500	2,500
GY	Spec	Mnths 2-3	Decrease	USD	2,750	2,500	2,475	2,250
GY	Hedge/Member	Mnths 2-3	Decrease	USD	2,500	2,500	2,250	2,250
GY	Spec	Mnths 4+	Decrease	USD	2,475	2,250	2,200	2,000
GY	Hedge/Member	Mnths 4+	Decrease	USD	2,250	2,250	2,000	2,000
HEATING OIL VS. ICE GASOIL (HA)								
HA	Spec	Mnth 1-5	Increase	USD	3,025	2,750	3,300	3,000
HA	Hedge/Member	Mnth 1-5	Increase	USD	2,750	2,750	3,000	3,000
HA	Spec	Mnth 6+	Increase	USD	2,475	2,250	3,025	2,750
HA	Hedge/Member	Mnth 6+	Increase	USD	2,250	2,250	2,750	2,750
JET BARGES VS. ICE GASOIL FUT (JR)								
JR	Spec	Mnth 2	Increase	USD	8,250	7,500	8,800	8,000
JR	Hedge/Member	Mnth 2	Increase	USD	7,500	7,500	8,000	8,000
JR	Spec	Mnth 3+	Increase	USD	6,600	6,000	8,800	8,000
JR	Hedge/Member	Mnth 3+	Increase	USD	6,000	6,000	8,000	8,000
JET CIF NWE VS ICE (JC)								
JC	Spec	Mnths 3-6	Decrease	USD	4,400	4,000	3,850	3,500
JC	Hedge/Member	Mnths 3-6	Decrease	USD	4,000	4,000	3,500	3,500
JC	Spec	Mnths 7+	Decrease	USD	4,400	4,000	3,850	3,500
JC	Hedge/Member	Mnths 7+	Decrease	USD	4,000	4,000	3,500	3,500

SPAN MINIMUM PERFORMANCE BOND REQUIREMENTS

CC	Rate Type	Description	Change	ISO	Current Initial	Current Maintenance	New Initial	New Maintenance
Outright Rates								
LA CARB DIESEL (OPIS) FUT (KL)								
KL	Spec	Mnth 1	Decrease	USD	2,750	2,500	2,475	2,250
KL	Hedge/Member	Mnth 1	Decrease	USD	2,500	2,500	2,250	2,250
KL	Spec	Mnth 2	Decrease	USD	2,750	2,500	2,475	2,250
KL	Hedge/Member	Mnth 2	Decrease	USD	2,500	2,500	2,250	2,250
KL	Spec	Mnths 3+	Decrease	USD	1,925	1,750	1,650	1,500
KL	Hedge/Member	Mnths 3+	Decrease	USD	1,750	1,750	1,500	1,500
MIN JET KERO BRGES FOB RDAM VS GSL (MJB)								
MJB	Spec	Mnth 2	Increase	USD	825	750	880	800
MJB	Hedge/Member	Mnth 2	Increase	USD	750	750	800	800
MJB	Spec	Mnth 3+	Increase	USD	660	600	880	800
MJB	Hedge/Member	Mnth 3+	Increase	USD	600	600	800	800
MIN JETKERO CRGOS CIF NWE VS GASOIL (MJC)								
MJC	Spec	Mnths 3-6	Decrease	USD	440	400	385	350
MJC	Hedge/Member	Mnths 3-6	Decrease	USD	400	400	350	350
MJC	Spec	Mnths 7+	Decrease	USD	440	400	385	350
MJC	Hedge/Member	Mnths 7+	Decrease	USD	400	400	350	350
MIN ULSD 10PPM CRGS CIF NWE VS GSL (MGN)								
MGN	Spec	Mnths 3-4	Decrease	USD	303	275	264	240
MGN	Hedge/Member	Mnths 3-4	Decrease	USD	275	275	240	240
MGN	Spec	Mnths 5+	Decrease	USD	303	275	264	240
MGN	Hedge/Member	Mnths 5+	Decrease	USD	275	275	240	240
NO. 2 UP-DOWN SPREAD CALENDAR FUT (UT)								
UT	Spec	Mnth 1	Increase	USD	1,375	1,250	1,925	1,750
UT	Hedge/Member	Mnth 1	Increase	USD	1,250	1,250	1,750	1,750
UT	Spec	Mnths 2-3	Increase	USD	660	600	1,210	1,100
UT	Hedge/Member	Mnths 2-3	Increase	USD	600	600	1,100	1,100
UT	Spec	Mnths 4+	Increase	USD	330	300	770	700
UT	Hedge/Member	Mnths 4+	Increase	USD	300	300	700	700
NY 3% FUEL OIL V GULF COAST NO6 3% (FOC)								
FOC	Spec		Decrease	USD	2,200	2,000	1,100	1,000
FOC	Hedge/Member		Decrease	USD	2,000	2,000	1,000	1,000
NY1% V. GC3PREAD S (VR)								
VR	Spec	Mth 1-6	Decrease	USD	1,265	1,150	990	900
VR	Hedge/Member	Mth 1-6	Decrease	USD	1,150	1,150	900	900
VR	Spec	Mths 7+	Decrease	USD	990	900	770	700
VR	Hedge/Member	Mths 7+	Decrease	USD	900	900	700	700

SPAN MINIMUM PERFORMANCE BOND REQUIREMENTS

CC	Rate Type	Description	Change	ISO	Current Initial	Current Maintenance	New Initial	New Maintenance
Outright Rates								
RBOB CRACK SPREAD (RM)								
RM	Spec	Mnth 1	Decrease	USD	3,520	3,200	2,970	2,700
RM	Hedge/Member	Mnth 1	Decrease	USD	3,200	3,200	2,700	2,700
RM	Spec	Mnths 2-4	Decrease	USD	2,970	2,700	2,420	2,200
RM	Hedge/Member	Mnths 2-4	Decrease	USD	2,700	2,700	2,200	2,200
RM	Spec	Mnths 5-11	Decrease	USD	2,475	2,250	1,925	1,750
RM	Hedge/Member	Mnths 5-11	Decrease	USD	2,250	2,250	1,750	1,750
RM	Spec	Mnths 12+	Decrease	USD	1,760	1,600	1,210	1,100
RM	Hedge/Member	Mnths 12+	Decrease	USD	1,600	1,600	1,100	1,100
RBOB UP-DOWN CALENDAR FUT (RV)								
RV	Spec	Mnth 2	Increase	USD	1,375	1,250	1,980	1,800
RV	Hedge/Member	Mnth 2	Increase	USD	1,250	1,250	1,800	1,800
RV	Spec	Mnths 3+	Increase	USD	550	500	715	650
RV	Hedge/Member	Mnths 3+	Increase	USD	500	500	650	650
RME(ARG) BIO FOB RTDM VS ICE GSOIL (KE)								
KE	Spec		Decrease	USD	6,600	6,000	5,500	5,000
KE	Hedge/Member		Decrease	USD	6,000	6,000	5,000	5,000
SINGAPORE FUEL OIL SPREAD FUT (SD)								
SD	Spec	Mnths 2-4	Increase	USD	1,815	1,650	1,980	1,800
SD	Hedge/Member	Mnths 2-4	Increase	USD	1,650	1,650	1,800	1,800
SD	Spec	Mnths 5+	Increase	USD	990	900	1,320	1,200
SD	Hedge/Member	Mnths 5+	Increase	USD	900	900	1,200	1,200
SINGAPORE GASOIL VS ICE (GA)								
GA	Spec	Mths 2 - 3	Decrease	USD	880	800	770	700
GA	Hedge/Member	Mths 2 - 3	Decrease	USD	800	800	700	700
GA	Spec	Mths 4+	Decrease	USD	495	450	330	300
GA	Hedge/Member	Mths 4+	Decrease	USD	450	450	300	300
SPORE FUEL OIL 180CST 6.35 DUBAI CK (STS)								
STS	Spec		Decrease	USD	3,960	3,600	2,860	2,600
STS	Hedge/Member		Decrease	USD	3,600	3,600	2,600	2,600
SPORE MOGAS92 UNLD BRENT SPRD FUT (1NB)								
1NB	Spec	Mnth 1	Decrease	USD	3,300	3,000	2,420	2,200
1NB	Hedge/Member	Mnth 1	Decrease	USD	3,000	3,000	2,200	2,200
1NB	Spec	Mnths 2+	Decrease	USD	3,300	3,000	2,420	2,200
1NB	Hedge/Member	Mnths 2+	Decrease	USD	3,000	3,000	2,200	2,200

SPAN MINIMUM PERFORMANCE BOND REQUIREMENTS

CC	Rate Type	Description	Change	ISO	Current Initial	Current Maintenance	New Initial	New Maintenance
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Outright Rates

ULSD 10PPM V. ICE FUT (TP)

TP	Spec	Mnths 3-4	Decrease	USD	3,025	2,750	2,640	2,400
TP	Hedge/Member	Mnths 3-4	Decrease	USD	2,750	2,750	2,400	2,400
TP	Spec	Mnths 5+	Decrease	USD	3,025	2,750	2,640	2,400
TP	Hedge/Member	Mnths 5+	Decrease	USD	2,750	2,750	2,400	2,400

USGC UNL 87 CRACK SPREAD CAL FUT (RU)

RU	Spec	Mths 3+	Decrease	USD	3,025	2,750	1,870	1,700
RU	Hedge/Member	Mths 3+	Decrease	USD	2,750	2,750	1,700	1,700

SPAN MINIMUM PERFORMANCE BOND REQUIREMENTS

CC	Rate Type	Description	Change	ISO	Current Initial	Current Maintenance	New Initial	New Maintenance
Outright Rates								
REFINED PRODUCTS - Outright Rates								
1% FUEL OIL (PLT) CARG CIF MED (1W)								
1W	Spec		Increase	USD	36,300	33,000	40,150	36,500
1W	Hedge/Member		Increase	USD	33,000	33,000	36,500	36,500
EURO DIESEL 10 CAL FUT (GT)								
GT	Spec		Decrease	USD	41,800	38,000	37,950	34,500
GT	Hedge/Member		Decrease	USD	38,000	38,000	34,500	34,500
EUROPE 1% FUEL OIL NWE CALFUT (UF)								
UF	Spec	Mnth 1	Decrease	USD	36,300	33,000	31,900	29,000
UF	Hedge/Member	Mnth 1	Decrease	USD	33,000	33,000	29,000	29,000
UF	Spec	Mnths 2-6	Decrease	USD	34,100	31,000	29,700	27,000
UF	Hedge/Member	Mnths 2-6	Decrease	USD	31,000	31,000	27,000	27,000
UF	Spec	Mnths 7+	Decrease	USD	31,900	29,000	27,500	25,000
UF	Hedge/Member	Mnths 7+	Decrease	USD	29,000	29,000	25,000	25,000
EUROPE 1% FUEL OIL RDAM CALFUT (UH)								
UH	Spec		Decrease	USD	34,100	31,000	29,700	27,000
UH	Hedge/Member		Decrease	USD	31,000	31,000	27,000	27,000
EUROPE 3.5% FUEL OIL RDAM CALFUT (UV)								
UV	Spec	Mths 1	Decrease	USD	30,800	28,000	26,400	24,000
UV	Hedge/Member	Mths 1	Decrease	USD	28,000	28,000	24,000	24,000
UV	Spec	Mnths 2-6	Decrease	USD	30,800	28,000	26,400	24,000
UV	Hedge/Member	Mnths 2-6	Decrease	USD	28,000	28,000	24,000	24,000
UV	Spec	Mnths 7+	Decrease	USD	28,600	26,000	24,200	22,000
UV	Hedge/Member	Mnths 7+	Decrease	USD	26,000	26,000	22,000	22,000
EUROPE JET KERO NWE CALFUT (UJ)								
UJ	Spec	Mths 1	Decrease	USD	48,400	44,000	41,800	38,000
UJ	Hedge/Member	Mths 1	Decrease	USD	44,000	44,000	38,000	38,000
UJ	Spec	Mths 2+	Decrease	USD	48,400	44,000	41,800	38,000
UJ	Hedge/Member	Mths 2+	Decrease	USD	44,000	44,000	38,000	38,000

SPAN MINIMUM PERFORMANCE BOND REQUIREMENTS

CC	Rate Type	Description	Change	ISO	Current Initial	Current Maintenance	New Initial	New Maintenance
Outright Rates								
EUROPEAN GASOIL ICE FUTURE (7F)								
7F	Spec	Mnth 1	Decrease	USD	3,300	3,000	2,970	2,700
7F	Hedge/Member	Mnth 1	Decrease	USD	3,000	3,000	2,700	2,700
7F	Spec	Mnths 2-6	Decrease	USD	3,300	3,000	2,970	2,700
7F	Hedge/Member	Mnths 2-6	Decrease	USD	3,000	3,000	2,700	2,700
7F	Spec	Mnths 7-11	Decrease	USD	3,300	3,000	2,970	2,700
7F	Hedge/Member	Mnths 7-11	Decrease	USD	3,000	3,000	2,700	2,700
7F	Spec	Mnths 12+	Decrease	USD	3,025	2,750	2,695	2,450
7F	Hedge/Member	Mnths 12+	Decrease	USD	2,750	2,750	2,450	2,450
EUROPEAN GASOIL ICE TAS FUTURE (7FT)								
7FT	Spec	Mnth 1	Decrease	USD	3,300	3,000	2,970	2,700
7FT	Hedge/Member	Mnth 1	Decrease	USD	3,000	3,000	2,700	2,700
7FT	Spec	Mnths 2-6	Decrease	USD	3,300	3,000	2,970	2,700
7FT	Hedge/Member	Mnths 2-6	Decrease	USD	3,000	3,000	2,700	2,700
7FT	Spec	Mnths 7-11	Decrease	USD	3,300	3,000	2,970	2,700
7FT	Hedge/Member	Mnths 7-11	Decrease	USD	3,000	3,000	2,700	2,700
7FT	Spec	Mnths 12+	Decrease	USD	3,025	2,750	2,695	2,450
7FT	Hedge/Member	Mnths 12+	Decrease	USD	2,750	2,750	2,450	2,450
GASOIL 0.1 ROTTERDAM BARGES FUT (VL)								
VL	Spec		Decrease	USD	47,300	43,000	38,500	35,000
VL	Hedge/Member		Decrease	USD	43,000	43,000	35,000	35,000
GASOIL BULLET FUT (BG)								
BG	Spec	Mnth 1	Decrease	USD	33,000	30,000	29,700	27,000
BG	Hedge/Member	Mnth 1	Decrease	USD	30,000	30,000	27,000	27,000
BG	Spec	Mnths 2-6	Decrease	USD	33,000	30,000	29,700	27,000
BG	Hedge/Member	Mnths 2-6	Decrease	USD	30,000	30,000	27,000	27,000
BG	Spec	Mnths 7-11	Decrease	USD	33,000	30,000	29,700	27,000
BG	Hedge/Member	Mnths 7-11	Decrease	USD	30,000	30,000	27,000	27,000
BG	Spec	Mnths 12+	Decrease	USD	30,250	27,500	26,950	24,500
BG	Hedge/Member	Mnths 12+	Decrease	USD	27,500	27,500	24,500	24,500

SPAN MINIMUM PERFORMANCE BOND REQUIREMENTS

CC	Rate Type	Description	Change	ISO	Current Initial	Current Maintenance	New Initial	New Maintenance
Outright Rates								
GASOIL CALENDAR FUT (GX)								
GX	Spec	Mth 1	Decrease	USD	33,000	30,000	29,700	27,000
GX	Hedge/Member	Mth 1	Decrease	USD	30,000	30,000	27,000	27,000
GX	Spec	Mnths 2-6	Decrease	USD	33,000	30,000	29,700	27,000
GX	Hedge/Member	Mnths 2-6	Decrease	USD	30,000	30,000	27,000	27,000
GX	Spec	Mnths 7-11	Decrease	USD	33,000	30,000	29,700	27,000
GX	Hedge/Member	Mnths 7-11	Decrease	USD	30,000	30,000	27,000	27,000
GX	Spec	Mnths 12+	Decrease	USD	30,250	27,500	26,950	24,500
GX	Hedge/Member	Mnths 12+	Decrease	USD	27,500	27,500	24,500	24,500
GASOIL MINI CALENDAR FUT (QA)								
QA	Spec	Mth 1	Decrease	USD	3,300	3,000	2,970	2,700
QA	Hedge/Member	Mth 1	Decrease	USD	3,000	3,000	2,700	2,700
QA	Spec	Mnths 2-6	Decrease	USD	3,300	3,000	2,970	2,700
QA	Hedge/Member	Mnths 2-6	Decrease	USD	3,000	3,000	2,700	2,700
QA	Spec	Mnths 7-11	Decrease	USD	3,300	3,000	2,970	2,700
QA	Hedge/Member	Mnths 7-11	Decrease	USD	3,000	3,000	2,700	2,700
QA	Spec	Mnths 12+	Decrease	USD	3,025	2,750	2,695	2,450
QA	Hedge/Member	Mnths 12+	Decrease	USD	2,750	2,750	2,450	2,450
GULF COAST GASOLINE CLNDR FUT (GS)								
GS	Spec	Mths 1	Decrease	USD	7,700	7,000	6,270	5,700
GS	Hedge/Member	Mths 1	Decrease	USD	7,000	7,000	5,700	5,700
GS	Spec	Mths 2	Decrease	USD	7,700	7,000	6,270	5,700
GS	Hedge/Member	Mths 2	Decrease	USD	7,000	7,000	5,700	5,700
GS	Spec	Mths 3+	Decrease	USD	7,700	7,000	6,270	5,700
GS	Hedge/Member	Mths 3+	Decrease	USD	7,000	7,000	5,700	5,700
GULF COAST JET FUEL CLNDR FUT (GE)								
GE	Spec	Mnth 1	Decrease	USD	7,150	6,500	6,325	5,750
GE	Hedge/Member	Mnth 1	Decrease	USD	6,500	6,500	5,750	5,750
GE	Spec	Mnths 2-6	Decrease	USD	7,150	6,500	6,325	5,750
GE	Hedge/Member	Mnths 2-6	Decrease	USD	6,500	6,500	5,750	5,750
GE	Spec	Mnths 7+	Decrease	USD	6,050	5,500	5,225	4,750
GE	Hedge/Member	Mnths 7+	Decrease	USD	5,500	5,500	4,750	4,750

SPAN MINIMUM PERFORMANCE BOND REQUIREMENTS

CC	Rate Type	Description	Change	ISO	Current Initial	Current Maintenance	New Initial	New Maintenance
Outright Rates								
GULF COAST ULSD CALENDAR FUT (LY)								
LY	Spec	Mnth 1	Decrease	USD	6,325	5,750	5,500	5,000
LY	Hedge/Member	Mnth 1	Decrease	USD	5,750	5,750	5,000	5,000
LY	Spec	Mnths 2-6	Decrease	USD	6,050	5,500	5,500	5,000
LY	Hedge/Member	Mnths 2-6	Decrease	USD	5,500	5,500	5,000	5,000
LY	Spec	Mnths 7+	Decrease	USD	5,500	5,000	4,950	4,500
LY	Hedge/Member	Mnths 7+	Decrease	USD	5,000	5,000	4,500	4,500
LA CARB DIESEL (OPIS) (LX)								
LX	Spec	Mnth 1	Decrease	USD	6,820	6,200	6,050	5,500
LX	Hedge/Member	Mnth 1	Decrease	USD	6,200	6,200	5,500	5,500
LX	Spec	Mnths 2-6	Decrease	USD	6,820	6,200	6,050	5,500
LX	Hedge/Member	Mnths 2-6	Decrease	USD	6,200	6,200	5,500	5,500
LX	Spec	Mnths 7+	Decrease	USD	6,160	5,600	5,830	5,300
LX	Hedge/Member	Mnths 7+	Decrease	USD	5,600	5,600	5,300	5,300
MIN EUR 1% FUEL OIL CRGO FOBNWE FUT (0B)								
0B	Spec	Mnth 1	Decrease	USD	3,630	3,300	3,190	2,900
0B	Hedge/Member	Mnth 1	Decrease	USD	3,300	3,300	2,900	2,900
0B	Spec	Mnths 2-6	Decrease	USD	3,410	3,100	2,970	2,700
0B	Hedge/Member	Mnths 2-6	Decrease	USD	3,100	3,100	2,700	2,700
0B	Spec	Mnths 7+	Decrease	USD	3,190	2,900	2,750	2,500
0B	Hedge/Member	Mnths 7+	Decrease	USD	2,900	2,900	2,500	2,500
MINI EURO 1% FUEL OIL FOB RDM FUT (T0)								
T0	Spec		Decrease	USD	3,410	3,100	2,970	2,700
T0	Hedge/Member		Decrease	USD	3,100	3,100	2,700	2,700
MINI EURO 3.5% FUEL OIL FOB RDM FUT (0D)								
0D	Spec	Mths 1	Decrease	USD	3,080	2,800	2,640	2,400
0D	Hedge/Member	Mths 1	Decrease	USD	2,800	2,800	2,400	2,400
0D	Spec	Mnths 2-6	Decrease	USD	3,080	2,800	2,640	2,400
0D	Hedge/Member	Mnths 2-6	Decrease	USD	2,800	2,800	2,400	2,400
0D	Spec	Mnths 7+	Decrease	USD	2,860	2,600	2,420	2,200
0D	Hedge/Member	Mnths 7+	Decrease	USD	2,600	2,600	2,200	2,200
MINI SINGAPORE 380CST FUEL OIL FUT (MTS)								
MTS	Spec	Mnth 1	Decrease	USD	2,860	2,600	2,530	2,300
MTS	Hedge/Member	Mnth 1	Decrease	USD	2,600	2,600	2,300	2,300
MTS	Spec	Mnths 2+	Decrease	USD	2,860	2,600	2,530	2,300
MTS	Hedge/Member	Mnths 2+	Decrease	USD	2,600	2,600	2,300	2,300

SPAN MINIMUM PERFORMANCE BOND REQUIREMENTS

CC	Rate Type	Description	Change	ISO	Current Initial	Current Maintenance	New Initial	New Maintenance
Outright Rates								
MINI SINGAPORE GASOIL PLATS FUTURES (MSG)								
MSG	Spec	Mnth 1	Decrease	USD	495	450	440	400
MSG	Hedge/Member	Mnth 1	Decrease	USD	450	450	400	400
MSG	Spec	Mnths 2-6	Decrease	USD	495	450	440	400
MSG	Hedge/Member	Mnths 2-6	Decrease	USD	450	450	400	400
MSG	Spec	Mnths 7+	Decrease	USD	495	450	440	400
MSG	Hedge/Member	Mnths 7+	Decrease	USD	450	450	400	400
MINI SINGP FUEL OIL 180CST FUTURES (OF)								
OF	Spec	Mnth 1	Decrease	USD	2,750	2,500	2,310	2,100
OF	Hedge/Member	Mnth 1	Decrease	USD	2,500	2,500	2,100	2,100
OF	Spec	Mnths 2+	Decrease	USD	2,750	2,500	2,310	2,100
OF	Hedge/Member	Mnths 2+	Decrease	USD	2,500	2,500	2,100	2,100
NEW YORK ULSD (ARGUS) FUT (5Y)								
5Y	Spec		Decrease	USD	7,150	6,500	5,940	5,400
5Y	Hedge/Member		Decrease	USD	6,500	6,500	5,400	5,400
NY 2.2% FUEL OIL (PLATTS) FUT (Y3)								
Y3	Spec		Decrease	USD	7,150	6,500	5,500	5,000
Y3	Hedge/Member		Decrease	USD	6,500	6,500	5,000	5,000
NY 3.0% FUEL OIL (PLATTS) FUT (H1)								
H1	Spec		Decrease	USD	7,150	6,500	5,500	5,000
H1	Hedge/Member		Decrease	USD	6,500	6,500	5,000	5,000
NY HARBOR RESIDUAL FUEL 1.0% S FUT (MM)								
MM	Spec		Decrease	USD	5,500	5,000	4,950	4,500
MM	Hedge/Member		Decrease	USD	5,000	5,000	4,500	4,500
SINGAPORE 380CST FUEL OIL FUT (SE)								
SE	Spec	Mnth 1	Decrease	USD	28,600	26,000	25,300	23,000
SE	Hedge/Member	Mnth 1	Decrease	USD	26,000	26,000	23,000	23,000
SE	Spec	Mnths 2+	Decrease	USD	28,600	26,000	25,300	23,000
SE	Hedge/Member	Mnths 2+	Decrease	USD	26,000	26,000	23,000	23,000
SINGAPORE FUEL 180CST CALFUT (UA)								
UA	Spec	Mnth 1	Decrease	USD	27,500	25,000	23,100	21,000
UA	Hedge/Member	Mnth 1	Decrease	USD	25,000	25,000	21,000	21,000
UA	Spec	Mnths 2+	Decrease	USD	27,500	25,000	23,100	21,000
UA	Hedge/Member	Mnths 2+	Decrease	USD	25,000	25,000	21,000	21,000

SPAN MINIMUM PERFORMANCE BOND REQUIREMENTS

CC	Rate Type	Description	Change	ISO	Current Initial	Current Maintenance	New Initial	New Maintenance
Outright Rates								
SINGAPORE GASOIL FUT (SG)								
SG	Spec	Mnth 1	Decrease	USD	4,950	4,500	4,400	4,000
SG	Hedge/Member	Mnth 1	Decrease	USD	4,500	4,500	4,000	4,000
SG	Spec	Mnths 2-6	Decrease	USD	4,950	4,500	4,400	4,000
SG	Hedge/Member	Mnths 2-6	Decrease	USD	4,500	4,500	4,000	4,000
SG	Spec	Mnths 7+	Decrease	USD	4,950	4,500	4,400	4,000
SG	Hedge/Member	Mnths 7+	Decrease	USD	4,500	4,500	4,000	4,000
SINGAPORE JET KEROSENE FUT (KS)								
KS	Spec	Mnth 1	Decrease	USD	6,600	6,000	4,950	4,500
KS	Hedge/Member	Mnth 1	Decrease	USD	6,000	6,000	4,500	4,500
KS	Spec	Mnths 2-6	Decrease	USD	5,500	5,000	4,950	4,500
KS	Hedge/Member	Mnths 2-6	Decrease	USD	5,000	5,000	4,500	4,500
KS	Spec	Mnths 7+	Decrease	USD	5,060	4,600	4,510	4,100
KS	Hedge/Member	Mnths 7+	Decrease	USD	4,600	4,600	4,100	4,100
ULSD 10PPM CARGOES CIF NWE S (TY)								
TY	Spec		Decrease	USD	42,900	39,000	38,500	35,000
TY	Hedge/Member		Decrease	USD	39,000	39,000	35,000	35,000