



16-194

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

FROM: CME Clearing

SUBJECT: Performance Bond Requirements

DATE: Thursday, May 05, 2016

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

Friday, May 06, 2016.

Current rates as of:

Thursday, May 05, 2016.

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								
SOYBEAN OIL FUTURES (07)								
07	Spec	Months 7+	Decrease	USD	825	750	715	650
07	Hedge/Member	Months 7+	Decrease	USD	750	750	650	650
SOYBEAN OIL TAS FUTURES (ZLT)								
ZLT	Spec	Months 7+	Decrease	USD	825	750	715	650
ZLT	Hedge/Member	Months 7+	Decrease	USD	750	750	650	650
COAL - Outright Rates								
AUSTRALIAN COKING (PLATTS) LOW VOL (ALW)								
ALW	Spec	Mnth 1	Increase	USD	4,620	4,200	5,500	5,000
ALW	Hedge/Member	Mnth 1	Increase	USD	4,200	4,200	5,000	5,000
ALW	Spec	Mnth 2	Increase	USD	4,620	4,200	5,500	5,000
ALW	Hedge/Member	Mnth 2	Increase	USD	4,200	4,200	5,000	5,000
ALW	Spec	Mnths 3-4	Increase	USD	4,620	4,200	5,500	5,000
ALW	Hedge/Member	Mnths 3-4	Increase	USD	4,200	4,200	5,000	5,000
ALW	Spec	Mnths 5-11	Increase	USD	4,400	4,000	5,280	4,800
ALW	Hedge/Member	Mnths 5-11	Increase	USD	4,000	4,000	4,800	4,800
ALW	Spec	Mnths 12+	Increase	USD	3,850	3,500	4,730	4,300
ALW	Hedge/Member	Mnths 12+	Increase	USD	3,500	3,500	4,300	4,300
CRUDE OIL SPREADS - Outright Rates								
ICE BRENT DUBAI FUT (DB)								
DB	Spec	Mnths 2-3	Increase	USD	715	650	880	800
DB	Hedge/Member	Mnths 2-3	Increase	USD	650	650	800	800

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								
\$25 DOW JONES FUTURES (DO)								
DO	Spec		Decrease	USD	18,975	17,250	17,875	16,250
DO	Hedge/Member		Decrease	USD	17,250	17,250	16,250	16,250
\$10 DOW JONES FUTURES (11)								
11	Spec		Decrease	USD	7,590	6,900	7,150	6,500
11	Hedge/Member		Decrease	USD	6,900	6,900	6,500	6,500
BTIC EMINI RUSSELL1000 INDEX FUT (R1T)								
R1T	Spec		Decrease	USD	2,640	2,400	2,420	2,200
R1T	Hedge/Member		Decrease	USD	2,400	2,400	2,200	2,200
BTIC E-MINI S&P MIDCAP 400 FUT (EMT)								
EMT	Spec		Decrease	USD	6,710	6,100	6,270	5,700
EMT	Hedge/Member		Decrease	USD	6,100	6,100	5,700	5,700
BTIC ON E-MINI DJIA FUTURES (YMT)								
YMT	Spec		Decrease	USD	3,795	3,450	3,575	3,250
YMT	Hedge/Member		Decrease	USD	3,450	3,450	3,250	3,250
BTIC ON E-MINI NASDAQ-100 FUTURES (NQT)								
NQT	Spec		Decrease	USD	4,840	4,400	4,400	4,000
NQT	Hedge/Member		Decrease	USD	4,400	4,400	4,000	4,000
BTIC ON EMINI RUSSELL 1000 VALUE (RVT)								
RVT	Spec		Decrease	USD	2,310	2,100	2,090	1,900
RVT	Hedge/Member		Decrease	USD	2,100	2,100	1,900	1,900
BTIC ON E-MINI S&P 500 FUTURES (EST)								
EST	Spec		Decrease	USD	4,950	4,500	4,620	4,200
EST	Hedge/Member		Decrease	USD	4,500	4,500	4,200	4,200
BTIC S&P 500 / GROWTH (SGT)								
SGT	Spec		Decrease	USD	13,750	12,500	13,200	12,000
SGT	Hedge/Member		Decrease	USD	12,500	12,500	12,000	12,000
BTIC S&P/ CITIGROUP VALUE FUTURE (SUT)								
SUT	Spec		Decrease	USD	11,000	10,000	9,900	9,000
SUT	Hedge/Member		Decrease	USD	10,000	10,000	9,000	9,000
E-MINI DJIA FUTURES MARKER (YMI)								
YMI	Spec		Decrease	USD	3,795	3,450	3,575	3,250
YMI	Hedge/Member		Decrease	USD	3,450	3,450	3,250	3,250

SPAN MINIMUM PERFORMANCE BOND REQUIREMENTS

CC	Rate Type	Description	Change	ISO	Current Initial	Current Maintenance	New Initial	New Maintenance
Outright Rates								
E-MINI DOW JONES INDEX (YM)								
YM	Spec		Decrease	USD	3,795	3,450	3,575	3,250
YM	Hedge/Member		Decrease	USD	3,450	3,450	3,250	3,250
EMINI MIDCAP FUTURES (ME)								
ME	Spec		Decrease	USD	6,710	6,100	6,270	5,700
ME	Hedge/Member		Decrease	USD	6,100	6,100	5,700	5,700
E-MINI NASDAQ 100 FUTURES (NQ)								
NQ	Spec		Decrease	USD	4,840	4,400	4,400	4,000
NQ	Hedge/Member		Decrease	USD	4,400	4,400	4,000	4,000
E-MINI NASDAQ-100 FUTURES MARKER (NQI)								
NQI	Spec		Decrease	USD	4,840	4,400	4,400	4,000
NQI	Hedge/Member		Decrease	USD	4,400	4,400	4,000	4,000
EMINI RUSSELL 1000 INDEX FUTURES (RS1)								
RS1	Spec		Decrease	USD	2,640	2,400	2,420	2,200
RS1	Hedge/Member		Decrease	USD	2,400	2,400	2,200	2,200
EMINI RUSSELL 1000 VALUE (RSV)								
RSV	Spec		Decrease	USD	2,310	2,100	2,090	1,900
RSV	Hedge/Member		Decrease	USD	2,100	2,100	1,900	1,900
E-MINI S&P 500 FUTURES (ES)								
ES	Spec		Decrease	USD	4,950	4,500	4,620	4,200
ES	Hedge/Member		Decrease	USD	4,500	4,500	4,200	4,200
E-MINI S&P 500 FUTURES MARKER (ESI)								
ESI	Spec		Decrease	USD	4,950	4,500	4,620	4,200
ESI	Hedge/Member		Decrease	USD	4,500	4,500	4,200	4,200
E-MINI S&P MIDCAP 400 SYNT MARKER (ETT)								
ETT	Spec		Decrease	USD	6,710	6,100	6,270	5,700
ETT	Hedge/Member		Decrease	USD	6,100	6,100	5,700	5,700
EMINI SP500 - FINANCIAL SECT INDEX (XAF)								
XAF	Spec		Decrease	USD	3,190	2,900	2,915	2,650
XAF	Hedge/Member		Decrease	USD	2,900	2,900	2,650	2,650
E-MINI SP500 CONS DISCRET SECTOR IX (XAY)								
XAY	Spec		Decrease	USD	3,630	3,300	3,300	3,000
XAY	Hedge/Member		Decrease	USD	3,300	3,300	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								
E-MINI SP500 CONS DISCRET SYNTHETIC (1YT)								
1YT	Spec		Decrease	USD	3,630	3,300	3,300	3,000
1YT	Hedge/Member		Decrease	USD	3,300	3,300	3,000	3,000
E-MINI SP500 CONS DISCRET TAI (XYT)								
XYT	Spec		Decrease	USD	3,630	3,300	3,300	3,000
XYT	Hedge/Member		Decrease	USD	3,300	3,300	3,000	3,000
EMINI SP500-INDUSTRIAL SECTOR INDEX (XAI)								
XAI	Spec		Decrease	USD	2,200	2,000	1,980	1,800
XAI	Hedge/Member		Decrease	USD	2,000	2,000	1,800	1,800
NASDAQ 100 FUTURES (ND)								
ND	Spec		Decrease	USD	24,200	22,000	22,000	20,000
ND	Hedge/Member		Decrease	USD	22,000	22,000	20,000	20,000
S&P 400 FUTURES (MD)								
MD	Spec		Decrease	USD	33,550	30,500	31,350	28,500
MD	Hedge/Member		Decrease	USD	30,500	30,500	28,500	28,500
S&P 500 / GROWTH SYNT MARKER (TGT)								
TGT	Spec		Decrease	USD	13,750	12,500	13,200	12,000
TGT	Hedge/Member		Decrease	USD	12,500	12,500	12,000	12,000
S&P 500 ANNUAL DIVIDEND INDEX FUT (SDA)								
SDA	Spec	Mths 1-3	Decrease	USD	303	275	275	250
SDA	Hedge/Member	Mths 1-3	Decrease	USD	275	275	250	250
SDA	Spec	Mths 4+	Decrease	USD	358	325	330	300
SDA	Hedge/Member	Mths 4+	Decrease	USD	325	325	300	300
S&P 500 FUTURES (SP)								
SP	Spec		Decrease	USD	24,750	22,500	23,100	21,000
SP	Hedge/Member		Decrease	USD	22,500	22,500	21,000	21,000
S&P VALUE INDEX SYNT MARKER (TST)								
TST	Spec		Decrease	USD	11,000	10,000	9,900	9,000
TST	Hedge/Member		Decrease	USD	10,000	10,000	9,000	9,000
S&P/ CITIGROUP GROWTH INDEX FUTURES (SG)								
SG	Spec		Decrease	USD	13,750	12,500	13,200	12,000
SG	Hedge/Member		Decrease	USD	12,500	12,500	12,000	12,000
S&P/ CITIGROUP VALUE FUTURES (SU)								
SU	Spec		Decrease	USD	11,000	10,000	9,900	9,000
SU	Hedge/Member		Decrease	USD	10,000	10,000	9,000	9,000

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 - INDUSTRIAL SEL SECTOR SYNT (1IT)

1IT	Spec		Decrease	USD	2,200	2,000	1,980	1,800
1IT	Hedge/Member		Decrease	USD	2,000	2,000	1,800	1,800

SP 500 FINANCIAL SECTOR TIC (XFT)

XFT	Spec		Decrease	USD	3,190	2,900	2,915	2,650
XFT	Hedge/Member		Decrease	USD	2,900	2,900	2,650	2,650

SP 500 FINANCIAL SLCT SEC SYNT (1FT)

1FT	Spec		Decrease	USD	3,190	2,900	2,915	2,650
1FT	Hedge/Member		Decrease	USD	2,900	2,900	2,650	2,650

SP 500 INDUSTTRIAL SECTOR TIC (XIT)

XIT	Spec		Decrease	USD	2,200	2,000	1,980	1,800
XIT	Hedge/Member		Decrease	USD	2,000	2,000	1,800	1,800

SPAN MINIMUM PERFORMANCE BOND REQUIREMENTS

CC	Rate Type	Description	Change	ISO	Current Initial	Current Maintenance	New Initial	New Maintenance
Outright Rates								
FX - Outright Rates								
BRAZILIAN REAL FUTURES (BR)								
BR	Spec	Jan 16 - Dec 16	Decrease	USD	2,970	2,700	2,750	2,500
BR	Hedge/Member	Jan 16 - Dec 16	Decrease	USD	2,700	2,700	2,500	2,500
BR	Spec	Jan17 - Dec17	Decrease	USD	4,070	3,700	3,630	3,300
BR	Hedge/Member	Jan17 - Dec17	Decrease	USD	3,700	3,700	3,300	3,300
BR	Spec	Jan18 - Dec18	Decrease	USD	4,400	4,000	3,960	3,600
BR	Hedge/Member	Jan18 - Dec18	Decrease	USD	4,000	4,000	3,600	3,600
BR	Spec	Jan19+	Decrease	USD	5,280	4,800	4,400	4,000
BR	Hedge/Member	Jan19+	Decrease	USD	4,800	4,800	4,000	4,000
E-MICRO CHF/USD FUTURES (MSF)								
MSF	Spec		Decrease	USD	440	400	396	360
MSF	Hedge/Member		Decrease	USD	400	400	360	360
E-MICRO INR/USD FUTURE (MIR)								
MIR	Spec		Decrease	USD	396	360	352	320
MIR	Hedge/Member		Decrease	USD	360	360	320	320
EURO FX/JY FUTURE (RY)								
RY	Spec		Increase	JPY	495,000	450,000	550,000	500,000
RY	Hedge/Member		Increase	JPY	450,000	450,000	500,000	500,000
EURO FX/SF FUTURES (RF)								
RF	Spec		Decrease	CHF	4,180	3,800	3,740	3,400
RF	Hedge/Member		Decrease	CHF	3,800	3,800	3,400	3,400
INR/USD FUTURE (SIR)								
SIR	Spec		Decrease	USD	1,980	1,800	1,760	1,600
SIR	Hedge/Member		Decrease	USD	1,800	1,800	1,600	1,600
MEXICAN PESO FUTURES (MP)								
MP	Spec		Decrease	USD	1,870	1,700	1,705	1,550
MP	Hedge/Member		Decrease	USD	1,700	1,700	1,550	1,550
NKR/USD FUTURES (UN)								
UN	Spec		Decrease	USD	8,800	8,000	7,700	7,000
UN	Hedge/Member		Decrease	USD	8,000	8,000	7,000	7,000
POLISH ZLOTY/EURO CROSS RATE FUT (Z)								
Z	Spec		Decrease	EUR	2,695	2,450	2,420	2,200
Z	Hedge/Member		Decrease	EUR	2,450	2,450	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								
RU RUSSIAN RUBLE FUTURES (RU)								
RU	Spec	Jan 16 - Dec 16	Decrease	USD	6,930	6,300	6,270	5,700
RU	Hedge/Member	Jan 16 - Dec 16	Decrease	USD	6,300	6,300	5,700	5,700
RU	Spec	Jan 17 - Dec 17	Decrease	USD	8,140	7,400	7,370	6,700
RU	Hedge/Member	Jan 17 - Dec 17	Decrease	USD	7,400	7,400	6,700	6,700
RU	Spec	Jan 18 - Dec 18	Decrease	USD	10,560	9,600	9,460	8,600
RU	Hedge/Member	Jan 18 - Dec 18	Decrease	USD	9,600	9,600	8,600	8,600
RU	Spec	Jan 19+	Decrease	USD	13,090	11,900	11,000	10,000
RU	Hedge/Member	Jan 19+	Decrease	USD	11,900	11,900	10,000	10,000
SKR/USD CROSS RATE FUTURES (SE)								
SE	Spec		Decrease	USD	7,700	7,000	6,600	6,000
SE	Hedge/Member		Decrease	USD	7,000	7,000	6,000	6,000
SWISS FRANC FUTURES (SF)								
SF	Spec		Decrease	USD	4,400	4,000	3,960	3,600
SF	Hedge/Member		Decrease	USD	4,000	4,000	3,600	3,600

INTEREST RATES - Outright Rates

30 DAY FED FUND FUTURES (41)								
41	Spec	Months 5-10	Decrease	USD	440	400	396	360
41	Hedge/Member	Months 5-10	Decrease	USD	400	400	360	360
41	Spec	Months 11-15	Decrease	USD	633	575	589	535
41	Hedge/Member	Months 11-15	Decrease	USD	575	575	535	535
41	Spec	Months 16+	Decrease	USD	842	765	798	725
41	Hedge/Member	Months 16+	Decrease	USD	765	765	725	725

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

METALS - Outright Rates

ALUMINIUM EURO PREM DUTY-PAID FUT (EDP)

EDP	Spec	Mth 1	Decrease	USD	330	300	275	250
EDP	Hedge/Member	Mth 1	Decrease	USD	300	300	250	250
EDP	Spec	Mths 2-9	Decrease	USD	330	300	275	250
EDP	Hedge/Member	Mths 2-9	Decrease	USD	300	300	250	250
EDP	Spec	Mths 10+	Decrease	USD	330	300	275	250
EDP	Hedge/Member	Mths 10+	Decrease	USD	300	300	250	250

ALUMINIUM EURO PREM METAL BULLETIN (AEP)

AEP	Spec	Mth 1	Decrease	USD	330	300	275	250
AEP	Hedge/Member	Mth 1	Decrease	USD	300	300	250	250
AEP	Spec	Mths 2-9	Decrease	USD	330	300	275	250
AEP	Hedge/Member	Mths 2-9	Decrease	USD	300	300	250	250
AEP	Spec	Mths 10+	Decrease	USD	330	300	275	250
AEP	Hedge/Member	Mths 10+	Decrease	USD	300	300	250	250

ALUMINUM JAPAN PREMIUM (PLATTS) FUT (MJP)

MJP	Spec	Mth 1	Decrease	USD	413	375	330	300
MJP	Hedge/Member	Mth 1	Decrease	USD	375	375	300	300
MJP	Spec	Mths 2-9	Decrease	USD	413	375	330	300
MJP	Hedge/Member	Mths 2-9	Decrease	USD	375	375	300	300
MJP	Spec	Mths 10+	Decrease	USD	413	375	330	300
MJP	Hedge/Member	Mths 10+	Decrease	USD	375	375	300	300

ALUMINUM MW TRANS PREM PLATTS SWAPS (AUP)

AUP	Spec	Mth 1	Decrease	USD	605	550	495	450
AUP	Hedge/Member	Mth 1	Decrease	USD	550	550	450	450
AUP	Spec	Mths 2-9	Decrease	USD	605	550	495	450
AUP	Hedge/Member	Mths 2-9	Decrease	USD	550	550	450	450
AUP	Spec	Mths 10+	Decrease	USD	605	550	495	450
AUP	Hedge/Member	Mths 10+	Decrease	USD	550	550	450	450

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	Mnth1	Decrease	USD	2,860	2,600	2,530	2,300
HG	Hedge/Member	Mnth1	Decrease	USD	2,600	2,600	2,300	2,300
HG	Spec	Mnth2	Decrease	USD	2,860	2,600	2,530	2,300
HG	Hedge/Member	Mnth2	Decrease	USD	2,600	2,600	2,300	2,300
HG	Spec	Mnth3	Decrease	USD	2,860	2,600	2,530	2,300
HG	Hedge/Member	Mnth3	Decrease	USD	2,600	2,600	2,300	2,300
HG	Spec	Mnth4	Decrease	USD	2,860	2,600	2,530	2,300
HG	Hedge/Member	Mnth4	Decrease	USD	2,600	2,600	2,300	2,300
HG	Spec	Mnth5	Decrease	USD	2,860	2,600	2,530	2,300
HG	Hedge/Member	Mnth5	Decrease	USD	2,600	2,600	2,300	2,300
HG	Spec	Mnth6	Decrease	USD	2,805	2,550	2,475	2,250
HG	Hedge/Member	Mnth6	Decrease	USD	2,550	2,550	2,250	2,250
HG	Spec	Mnth7	Decrease	USD	2,805	2,550	2,475	2,250
HG	Hedge/Member	Mnth7	Decrease	USD	2,550	2,550	2,250	2,250
HG	Spec	Mnth8	Decrease	USD	2,750	2,500	2,420	2,200
HG	Hedge/Member	Mnth8	Decrease	USD	2,500	2,500	2,200	2,200
HG	Spec	Mnth9	Decrease	USD	2,640	2,400	2,310	2,100
HG	Hedge/Member	Mnth9	Decrease	USD	2,400	2,400	2,100	2,100
HG	Spec	Mnth10	Decrease	USD	2,640	2,400	2,310	2,100
HG	Hedge/Member	Mnth10	Decrease	USD	2,400	2,400	2,100	2,100
HG	Spec	Mnth11	Decrease	USD	2,640	2,400	2,310	2,100
HG	Hedge/Member	Mnth11	Decrease	USD	2,400	2,400	2,100	2,100
HG	Spec	Mnth12	Decrease	USD	2,640	2,400	2,310	2,100
HG	Hedge/Member	Mnth12	Decrease	USD	2,400	2,400	2,100	2,100
HG	Spec	Mnth13	Decrease	USD	2,640	2,400	2,310	2,100
HG	Hedge/Member	Mnth13	Decrease	USD	2,400	2,400	2,100	2,100
HG	Spec	Mnth14	Decrease	USD	2,640	2,400	2,310	2,100
HG	Hedge/Member	Mnth14	Decrease	USD	2,400	2,400	2,100	2,100
HG	Spec	Mnth15	Decrease	USD	2,640	2,400	2,310	2,100
HG	Hedge/Member	Mnth15	Decrease	USD	2,400	2,400	2,100	2,100
HG	Spec	Mnth16	Decrease	USD	2,640	2,400	2,310	2,100
HG	Hedge/Member	Mnth16	Decrease	USD	2,400	2,400	2,100	2,100
HG	Spec	Mnth17	Decrease	USD	2,640	2,400	2,310	2,100
HG	Hedge/Member	Mnth17	Decrease	USD	2,400	2,400	2,100	2,100
HG	Spec	Mnth18	Decrease	USD	2,640	2,400	2,310	2,100
HG	Hedge/Member	Mnth18	Decrease	USD	2,400	2,400	2,100	2,100
HG	Spec	Mnth19	Decrease	USD	2,640	2,400	2,310	2,100
HG	Hedge/Member	Mnth19	Decrease	USD	2,400	2,400	2,100	2,100
HG	Spec	Mnth20	Decrease	USD	2,640	2,400	2,310	2,100

SPAN MINIMUM PERFORMANCE BOND REQUIREMENTS

CC	Rate Type	Description	Change	ISO	Current Initial	Current Maintenance	New Initial	New Maintenance
Outright Rates								
HG	Hedge/Member	Mnth20	Decrease	USD	2,400	2,400	2,100	2,100
HG	Spec	Mnth21	Decrease	USD	2,640	2,400	2,310	2,100
HG	Hedge/Member	Mnth21	Decrease	USD	2,400	2,400	2,100	2,100

SPAN MINIMUM PERFORMANCE BOND REQUIREMENTS

CC	Rate Type	Description	Change	ISO	Current Initial	Current Maintenance	New Initial	New Maintenance
Outright Rates								
COMEX COPPER SWAP FUTURES (HGS)								
HGS	Spec	Mnth1	Decrease	USD	2,860	2,600	2,530	2,300
HGS	Hedge/Member	Mnth1	Decrease	USD	2,600	2,600	2,300	2,300
HGS	Spec	Mnth2	Decrease	USD	2,860	2,600	2,530	2,300
HGS	Hedge/Member	Mnth2	Decrease	USD	2,600	2,600	2,300	2,300
HGS	Spec	Mnth3	Decrease	USD	2,860	2,600	2,530	2,300
HGS	Hedge/Member	Mnth3	Decrease	USD	2,600	2,600	2,300	2,300
HGS	Spec	Mnth4	Decrease	USD	2,860	2,600	2,530	2,300
HGS	Hedge/Member	Mnth4	Decrease	USD	2,600	2,600	2,300	2,300
HGS	Spec	Mnth5	Decrease	USD	2,860	2,600	2,530	2,300
HGS	Hedge/Member	Mnth5	Decrease	USD	2,600	2,600	2,300	2,300
HGS	Spec	Mnth6	Decrease	USD	2,805	2,550	2,475	2,250
HGS	Hedge/Member	Mnth6	Decrease	USD	2,550	2,550	2,250	2,250
HGS	Spec	Mnth7	Decrease	USD	2,805	2,550	2,475	2,250
HGS	Hedge/Member	Mnth7	Decrease	USD	2,550	2,550	2,250	2,250
HGS	Spec	Mnth8	Decrease	USD	2,750	2,500	2,420	2,200
HGS	Hedge/Member	Mnth8	Decrease	USD	2,500	2,500	2,200	2,200
HGS	Spec	Mnth9	Decrease	USD	2,640	2,400	2,310	2,100
HGS	Hedge/Member	Mnth9	Decrease	USD	2,400	2,400	2,100	2,100
HGS	Spec	Mnth10	Decrease	USD	2,640	2,400	2,310	2,100
HGS	Hedge/Member	Mnth10	Decrease	USD	2,400	2,400	2,100	2,100
HGS	Spec	Mnth11	Decrease	USD	2,640	2,400	2,310	2,100
HGS	Hedge/Member	Mnth11	Decrease	USD	2,400	2,400	2,100	2,100
HGS	Spec	Mnth12	Decrease	USD	2,640	2,400	2,310	2,100
HGS	Hedge/Member	Mnth12	Decrease	USD	2,400	2,400	2,100	2,100
HGS	Spec	Mnth13	Decrease	USD	2,640	2,400	2,310	2,100
HGS	Hedge/Member	Mnth13	Decrease	USD	2,400	2,400	2,100	2,100
HGS	Spec	Mnth14	Decrease	USD	2,640	2,400	2,310	2,100
HGS	Hedge/Member	Mnth14	Decrease	USD	2,400	2,400	2,100	2,100
HGS	Spec	Mnth15	Decrease	USD	2,640	2,400	2,310	2,100
HGS	Hedge/Member	Mnth15	Decrease	USD	2,400	2,400	2,100	2,100
HGS	Spec	Mnth16	Decrease	USD	2,640	2,400	2,310	2,100
HGS	Hedge/Member	Mnth16	Decrease	USD	2,400	2,400	2,100	2,100
HGS	Spec	Mnth17	Decrease	USD	2,640	2,400	2,310	2,100
HGS	Hedge/Member	Mnth17	Decrease	USD	2,400	2,400	2,100	2,100
HGS	Spec	Mnth18	Decrease	USD	2,640	2,400	2,310	2,100
HGS	Hedge/Member	Mnth18	Decrease	USD	2,400	2,400	2,100	2,100
HGS	Spec	Mnth19	Decrease	USD	2,640	2,400	2,310	2,100
HGS	Hedge/Member	Mnth19	Decrease	USD	2,400	2,400	2,100	2,100
HGS	Spec	Mnth20	Decrease	USD	2,640	2,400	2,310	2,100

SPAN MINIMUM PERFORMANCE BOND REQUIREMENTS

CC	Rate Type	Description	Change	ISO	Current Initial	Current Maintenance	New Initial	New Maintenance
Outright Rates								
HGS	Hedge/Member	Mnth20	Decrease	USD	2,400	2,400	2,100	2,100
HGS	Spec	Mnth21	Decrease	USD	2,640	2,400	2,310	2,100
HGS	Hedge/Member	Mnth21	Decrease	USD	2,400	2,400	2,100	2,100

SPAN MINIMUM PERFORMANCE BOND REQUIREMENTS

CC	Rate Type	Description	Change	ISO	Current Initial	Current Maintenance	New Initial	New Maintenance
Outright Rates								
COPPER SPOT TAS (HG0)								
HG0	Spec	Mnth1	Decrease	USD	2,860	2,600	2,530	2,300
HG0	Hedge/Member	Mnth1	Decrease	USD	2,600	2,600	2,300	2,300
HG0	Spec	Mnth2	Decrease	USD	2,860	2,600	2,530	2,300
HG0	Hedge/Member	Mnth2	Decrease	USD	2,600	2,600	2,300	2,300
HG0	Spec	Mnth3	Decrease	USD	2,860	2,600	2,530	2,300
HG0	Hedge/Member	Mnth3	Decrease	USD	2,600	2,600	2,300	2,300
HG0	Spec	Mnth4	Decrease	USD	2,860	2,600	2,530	2,300
HG0	Hedge/Member	Mnth4	Decrease	USD	2,600	2,600	2,300	2,300
HG0	Spec	Mnth5	Decrease	USD	2,860	2,600	2,530	2,300
HG0	Hedge/Member	Mnth5	Decrease	USD	2,600	2,600	2,300	2,300
HG0	Spec	Mnth6	Decrease	USD	2,805	2,550	2,475	2,250
HG0	Hedge/Member	Mnth6	Decrease	USD	2,550	2,550	2,250	2,250
HG0	Spec	Mnth7	Decrease	USD	2,805	2,550	2,475	2,250
HG0	Hedge/Member	Mnth7	Decrease	USD	2,550	2,550	2,250	2,250
HG0	Spec	Mnth8	Decrease	USD	2,750	2,500	2,420	2,200
HG0	Hedge/Member	Mnth8	Decrease	USD	2,500	2,500	2,200	2,200
HG0	Spec	Mnth9	Decrease	USD	2,640	2,400	2,310	2,100
HG0	Hedge/Member	Mnth9	Decrease	USD	2,400	2,400	2,100	2,100
HG0	Spec	Mnth10	Decrease	USD	2,640	2,400	2,310	2,100
HG0	Hedge/Member	Mnth10	Decrease	USD	2,400	2,400	2,100	2,100
HG0	Spec	Mnth11	Decrease	USD	2,640	2,400	2,310	2,100
HG0	Hedge/Member	Mnth11	Decrease	USD	2,400	2,400	2,100	2,100
HG0	Spec	Mnth12	Decrease	USD	2,640	2,400	2,310	2,100
HG0	Hedge/Member	Mnth12	Decrease	USD	2,400	2,400	2,100	2,100
HG0	Spec	Mnth13	Decrease	USD	2,640	2,400	2,310	2,100
HG0	Hedge/Member	Mnth13	Decrease	USD	2,400	2,400	2,100	2,100
HG0	Spec	Mnth14	Decrease	USD	2,640	2,400	2,310	2,100
HG0	Hedge/Member	Mnth14	Decrease	USD	2,400	2,400	2,100	2,100
HG0	Spec	Mnth15	Decrease	USD	2,640	2,400	2,310	2,100
HG0	Hedge/Member	Mnth15	Decrease	USD	2,400	2,400	2,100	2,100
HG0	Spec	Mnth16	Decrease	USD	2,640	2,400	2,310	2,100
HG0	Hedge/Member	Mnth16	Decrease	USD	2,400	2,400	2,100	2,100
HG0	Spec	Mnth17	Decrease	USD	2,640	2,400	2,310	2,100
HG0	Hedge/Member	Mnth17	Decrease	USD	2,400	2,400	2,100	2,100
HG0	Spec	Mnth18	Decrease	USD	2,640	2,400	2,310	2,100
HG0	Hedge/Member	Mnth18	Decrease	USD	2,400	2,400	2,100	2,100
HG0	Spec	Mnth19	Decrease	USD	2,640	2,400	2,310	2,100
HG0	Hedge/Member	Mnth19	Decrease	USD	2,400	2,400	2,100	2,100
HG0	Spec	Mnth20	Decrease	USD	2,640	2,400	2,310	2,100

SPAN MINIMUM PERFORMANCE BOND REQUIREMENTS

CC	Rate Type	Description	Change	ISO	Current Initial	Current Maintenance	New Initial	New Maintenance
Outright Rates								
HG0	Hedge/Member	Mnth20	Decrease	USD	2,400	2,400	2,100	2,100
HG0	Spec	Mnth21	Decrease	USD	2,640	2,400	2,310	2,100
HG0	Hedge/Member	Mnth21	Decrease	USD	2,400	2,400	2,100	2,100

SPAN MINIMUM PERFORMANCE BOND REQUIREMENTS

CC	Rate Type	Description	Change	ISO	Current Initial	Current Maintenance	New Initial	New Maintenance
Outright Rates								
COPPER TAS (HGT)								
HGT	Spec	Mnth1	Decrease	USD	2,860	2,600	2,530	2,300
HGT	Hedge/Member	Mnth1	Decrease	USD	2,600	2,600	2,300	2,300
HGT	Spec	Mnth2	Decrease	USD	2,860	2,600	2,530	2,300
HGT	Hedge/Member	Mnth2	Decrease	USD	2,600	2,600	2,300	2,300
HGT	Spec	Mnth3	Decrease	USD	2,860	2,600	2,530	2,300
HGT	Hedge/Member	Mnth3	Decrease	USD	2,600	2,600	2,300	2,300
HGT	Spec	Mnth4	Decrease	USD	2,860	2,600	2,530	2,300
HGT	Hedge/Member	Mnth4	Decrease	USD	2,600	2,600	2,300	2,300
HGT	Spec	Mnth5	Decrease	USD	2,860	2,600	2,530	2,300
HGT	Hedge/Member	Mnth5	Decrease	USD	2,600	2,600	2,300	2,300
HGT	Spec	Mnth6	Decrease	USD	2,805	2,550	2,475	2,250
HGT	Hedge/Member	Mnth6	Decrease	USD	2,550	2,550	2,250	2,250
HGT	Spec	Mnth7	Decrease	USD	2,805	2,550	2,475	2,250
HGT	Hedge/Member	Mnth7	Decrease	USD	2,550	2,550	2,250	2,250
HGT	Spec	Mnth8	Decrease	USD	2,750	2,500	2,420	2,200
HGT	Hedge/Member	Mnth8	Decrease	USD	2,500	2,500	2,200	2,200
HGT	Spec	Mnth9	Decrease	USD	2,640	2,400	2,310	2,100
HGT	Hedge/Member	Mnth9	Decrease	USD	2,400	2,400	2,100	2,100
HGT	Spec	Mnth10	Decrease	USD	2,640	2,400	2,310	2,100
HGT	Hedge/Member	Mnth10	Decrease	USD	2,400	2,400	2,100	2,100
HGT	Spec	Mnth11	Decrease	USD	2,640	2,400	2,310	2,100
HGT	Hedge/Member	Mnth11	Decrease	USD	2,400	2,400	2,100	2,100
HGT	Spec	Mnth12	Decrease	USD	2,640	2,400	2,310	2,100
HGT	Hedge/Member	Mnth12	Decrease	USD	2,400	2,400	2,100	2,100
HGT	Spec	Mnth13	Decrease	USD	2,640	2,400	2,310	2,100
HGT	Hedge/Member	Mnth13	Decrease	USD	2,400	2,400	2,100	2,100
HGT	Spec	Mnth14	Decrease	USD	2,640	2,400	2,310	2,100
HGT	Hedge/Member	Mnth14	Decrease	USD	2,400	2,400	2,100	2,100
HGT	Spec	Mnth15	Decrease	USD	2,640	2,400	2,310	2,100
HGT	Hedge/Member	Mnth15	Decrease	USD	2,400	2,400	2,100	2,100
HGT	Spec	Mnth16	Decrease	USD	2,640	2,400	2,310	2,100
HGT	Hedge/Member	Mnth16	Decrease	USD	2,400	2,400	2,100	2,100
HGT	Spec	Mnth17	Decrease	USD	2,640	2,400	2,310	2,100
HGT	Hedge/Member	Mnth17	Decrease	USD	2,400	2,400	2,100	2,100
HGT	Spec	Mnth18	Decrease	USD	2,640	2,400	2,310	2,100
HGT	Hedge/Member	Mnth18	Decrease	USD	2,400	2,400	2,100	2,100
HGT	Spec	Mnth19	Decrease	USD	2,640	2,400	2,310	2,100
HGT	Hedge/Member	Mnth19	Decrease	USD	2,400	2,400	2,100	2,100
HGT	Spec	Mnth20	Decrease	USD	2,640	2,400	2,310	2,100

SPAN MINIMUM PERFORMANCE BOND REQUIREMENTS

CC	Rate Type	Description	Change	ISO	Current Initial	Current Maintenance	New Initial	New Maintenance
Outright Rates								
HGT	Hedge/Member	Mnth20	Decrease	USD	2,400	2,400	2,100	2,100
HGT	Spec	Mnth21	Decrease	USD	2,640	2,400	2,310	2,100
HGT	Hedge/Member	Mnth21	Decrease	USD	2,400	2,400	2,100	2,100

SPAN MINIMUM PERFORMANCE BOND REQUIREMENTS

CC	Rate Type	Description	Change	ISO	Current Initial	Current Maintenance	New Initial	New Maintenance
Outright Rates								
E-MINI COPPER FUTURES (QC)								
QC	Spec	Mnth1	Decrease	USD	1,430	1,300	1,265	1,150
QC	Hedge/Member	Mnth1	Decrease	USD	1,300	1,300	1,150	1,150
QC	Spec	Mnth2	Decrease	USD	1,430	1,300	1,265	1,150
QC	Hedge/Member	Mnth2	Decrease	USD	1,300	1,300	1,150	1,150
QC	Spec	Mnth3	Decrease	USD	1,430	1,300	1,265	1,150
QC	Hedge/Member	Mnth3	Decrease	USD	1,300	1,300	1,150	1,150
QC	Spec	Mnth4	Decrease	USD	1,430	1,300	1,265	1,150
QC	Hedge/Member	Mnth4	Decrease	USD	1,300	1,300	1,150	1,150
QC	Spec	Mnth5	Decrease	USD	1,430	1,300	1,265	1,150
QC	Hedge/Member	Mnth5	Decrease	USD	1,300	1,300	1,150	1,150
QC	Spec	Mnth6	Decrease	USD	1,403	1,275	1,238	1,125
QC	Hedge/Member	Mnth6	Decrease	USD	1,275	1,275	1,125	1,125
QC	Spec	Mnth7	Decrease	USD	1,403	1,275	1,238	1,125
QC	Hedge/Member	Mnth7	Decrease	USD	1,275	1,275	1,125	1,125
QC	Spec	Mnth8	Decrease	USD	1,375	1,250	1,210	1,100
QC	Hedge/Member	Mnth8	Decrease	USD	1,250	1,250	1,100	1,100
QC	Spec	Mnth9	Decrease	USD	1,320	1,200	1,155	1,050
QC	Hedge/Member	Mnth9	Decrease	USD	1,200	1,200	1,050	1,050
QC	Spec	Mnth10	Decrease	USD	1,320	1,200	1,155	1,050
QC	Hedge/Member	Mnth10	Decrease	USD	1,200	1,200	1,050	1,050
QC	Spec	Mnth11	Decrease	USD	1,320	1,200	1,155	1,050
QC	Hedge/Member	Mnth11	Decrease	USD	1,200	1,200	1,050	1,050
QC	Spec	Mnth12	Decrease	USD	1,320	1,200	1,155	1,050
QC	Hedge/Member	Mnth12	Decrease	USD	1,200	1,200	1,050	1,050
QC	Spec	Mnth13	Decrease	USD	1,320	1,200	1,155	1,050
QC	Hedge/Member	Mnth13	Decrease	USD	1,200	1,200	1,050	1,050
QC	Spec	Mnth14	Decrease	USD	1,320	1,200	1,155	1,050
QC	Hedge/Member	Mnth14	Decrease	USD	1,200	1,200	1,050	1,050
QC	Spec	Mnth15	Decrease	USD	1,320	1,200	1,155	1,050
QC	Hedge/Member	Mnth15	Decrease	USD	1,200	1,200	1,050	1,050
QC	Spec	Mnth16	Decrease	USD	1,320	1,200	1,155	1,050
QC	Hedge/Member	Mnth16	Decrease	USD	1,200	1,200	1,050	1,050
QC	Spec	Mnth17	Decrease	USD	1,320	1,200	1,155	1,050
QC	Hedge/Member	Mnth17	Decrease	USD	1,200	1,200	1,050	1,050
QC	Spec	Mnth18	Decrease	USD	1,320	1,200	1,155	1,050
QC	Hedge/Member	Mnth18	Decrease	USD	1,200	1,200	1,050	1,050
QC	Spec	Mnth19	Decrease	USD	1,320	1,200	1,155	1,050
QC	Hedge/Member	Mnth19	Decrease	USD	1,200	1,200	1,050	1,050
QC	Spec	Mnth20	Decrease	USD	1,320	1,200	1,155	1,050

SPAN MINIMUM PERFORMANCE BOND REQUIREMENTS

CC	Rate Type	Description	Change	ISO	Current Initial	Current Maintenance	New Initial	New Maintenance
Outright Rates								
QC	Hedge/Member	Mnth20	Decrease	USD	1,200	1,200	1,050	1,050
QC	Spec	Mnth21	Decrease	USD	1,320	1,200	1,155	1,050
QC	Hedge/Member	Mnth21	Decrease	USD	1,200	1,200	1,050	1,050
IRON ORE FUTURES (TIO)								
TIO	Spec	Mnths 5+	Increase	USD	2,200	2,000	2,750	2,500
TIO	Hedge/Member	Mnths 5+	Increase	USD	2,000	2,000	2,500	2,500
NYMEX HOT ROLLED STEEL FUTURES (HR)								
HR	Spec	Mnths 3 - 10	Increase	USD	440	400	550	500
HR	Hedge/Member	Mnths 3 - 10	Increase	USD	400	400	500	500
HR	Spec	Mnths 11+	Increase	USD	440	400	550	500
HR	Hedge/Member	Mnths 11+	Increase	USD	400	400	500	500
HR	Spec	Mnth 1-2	Increase	USD	440	400	550	500
HR	Hedge/Member	Mnth 1-2	Increase	USD	400	400	500	500

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								
CIG ROCKIES NG INDEX FUT (Z8)								
Z8	Spec	Mths 1	Decrease	USD	1,650	1,500	1,100	1,000
Z8	Hedge/Member	Mths 1	Decrease	USD	1,500	1,500	1,000	1,000
DOMINION TRAN INC - APP INDEX (IH)								
IH	Spec	Mth 1	Decrease	USD	2,640	2,400	1,870	1,700
IH	Hedge/Member	Mth 1	Decrease	USD	2,400	2,400	1,700	1,700
IH	Spec	Mth 2	Decrease	USD	187	170	83	75
IH	Hedge/Member	Mth 2	Decrease	USD	170	170	75	75
HENRY HUB INDEX FUT (IN)								
IN	Spec	Mnth 1	Decrease	USD	1,188	1,080	990	900
IN	Hedge/Member	Mnth 1	Decrease	USD	1,080	1,080	900	900
IN	Spec	Mnth 2	Decrease	USD	165	150	55	50
IN	Hedge/Member	Mnth 2	Decrease	USD	150	150	50	50
NGPL, MIDCONTINENT INDEX (IW)								
IW	Spec	Mths 2	Decrease	USD	165	150	83	75
IW	Hedge/Member	Mths 2	Decrease	USD	150	150	75	75
ROCKIES KERN OPAL - NW INDEX (IR)								
IR	Spec	Mth 1	Decrease	USD	1,650	1,500	1,100	1,000
IR	Hedge/Member	Mth 1	Decrease	USD	1,500	1,500	1,000	1,000
IR	Spec	Mth 2	Decrease	USD	187	170	83	75
IR	Hedge/Member	Mth 2	Decrease	USD	170	170	75	75
SONAT BASIS FUT (SZ)								
SZ	Spec	Mnth 1	Increase	USD	50	45	66	60
SZ	Hedge/Member	Mnth 1	Increase	USD	45	45	60	60
SUMAS INDEX (IU)								
IU	Spec	Mth 1	Decrease	USD	2,090	1,900	1,650	1,500
IU	Hedge/Member	Mth 1	Decrease	USD	1,900	1,900	1,500	1,500
TCO NG INDEX FUT (Q1)								
Q1	Spec	Mnth 1	Decrease	USD	1,650	1,500	1,100	1,000
Q1	Hedge/Member	Mnth 1	Decrease	USD	1,500	1,500	1,000	1,000
Q1	Spec	Mnth 2	Decrease	USD	149	135	55	50
Q1	Hedge/Member	Mnth 2	Decrease	USD	135	135	50	50

SPAN MINIMUM PERFORMANCE BOND REQUIREMENTS

CC	Rate Type	Description	Change	ISO	Current Initial	Current Maintenance	New Initial	New Maintenance
Outright Rates								
TENN 800 LEG NAT GAS INDEX FUT (L4)								
L4	Spec	Mth 1	Decrease	USD	1,100	1,000	825	750
L4	Hedge/Member	Mth 1	Decrease	USD	1,000	1,000	750	750
L4	Spec	Mth 2	Decrease	USD	165	150	83	75
L4	Hedge/Member	Mth 2	Decrease	USD	150	150	75	75
TENNESSEE 800 LEG NG BASIS (6Z)								
6Z	Spec	Mnth 1	Increase	USD	66	60	88	80
6Z	Hedge/Member	Mnth 1	Increase	USD	60	60	80	80
TETCO M-3 INDEX (IX)								
IX	Spec	Mnth 1	Decrease	USD	21,120	19,200	11,000	10,000
IX	Hedge/Member	Mnth 1	Decrease	USD	19,200	19,200	10,000	10,000
IX	Spec	Mnth 2	Decrease	USD	204	185	83	75
IX	Hedge/Member	Mnth 2	Decrease	USD	185	185	75	75
TRANSCO ZONE 4 NAT GAS INDEX FUT (B2)								
B2	Spec	Mth 1	Increase	USD	1,650	1,500	1,925	1,750
B2	Hedge/Member	Mth 1	Increase	USD	1,500	1,500	1,750	1,750
B2	Spec	Mth 2	Decrease	USD	165	150	83	75
B2	Hedge/Member	Mth 2	Decrease	USD	150	150	75	75
TRANSCO ZONE 4 NAT GAS SWING FUT (J3)								
J3	Spec	All Months	Increase	USD	1,650	1,500	1,925	1,750
J3	Hedge/Member	All Months	Increase	USD	1,500	1,500	1,750	1,750
TRANSCO ZONE 6 INDEX (IT)								
IT	Spec	Mth 1	Decrease	USD	24,200	22,000	11,000	10,000
IT	Hedge/Member	Mth 1	Decrease	USD	22,000	22,000	10,000	10,000
IT	Spec	Mnths 3+	New	USD			83	75
IT	Hedge/Member	Mnths 3+	New	USD			75	75
PETROLEUM CRACKS AND SPREADS - Outright Rates								
EAST/WEST FUEL OIL SPREAD FUT (EW)								
EW	Spec	Mths 4-9	Increase	USD	3,190	2,900	3,960	3,600
EW	Hedge/Member	Mths 4-9	Increase	USD	2,900	2,900	3,600	3,600
MINI EAST-WEST FUEL OIL FUTURES (MEW)								
MEW	Spec	Mths 4-9	Increase	USD	319	290	396	360
MEW	Hedge/Member	Mths 4-9	Increase	USD	290	290	360	360
SINGAPORE FUEL OIL SPREAD FUT (SD)								
SD	Spec	Mnths 2-4	Increase	USD	1,760	1,600	2,420	2,200
SD	Hedge/Member	Mnths 2-4	Increase	USD	1,600	1,600	2,200	2,200

SPAN MINIMUM PERFORMANCE BOND REQUIREMENTS

CC	Rate Type	Description	Change	ISO	Current Initial	Current Maintenance	New Initial	New Maintenance
Intra Spreads								
AGRICULTURE - Intra Spreads								
Month 1 vs Month 6 (SOYBEAN OIL FUTURES)								
07	Spec		Decrease	USD	347	315	275	250
07	Hedge/Member		Decrease	USD	315	315	250	250
Month 1 vs Month 6 (SOYBEAN OIL TAS FUTURES)								
ZLT	Spec		Decrease	USD	347	315	275	250
ZLT	Hedge/Member		Decrease	USD	315	315	250	250
Month 1 vs Month 7 (SOYBEAN OIL FUTURES)								
07	Spec		Decrease	USD	347	315	275	250
07	Hedge/Member		Decrease	USD	315	315	250	250
Month 1 vs Month 7 (SOYBEAN OIL TAS FUTURES)								
ZLT	Spec		Decrease	USD	347	315	275	250
ZLT	Hedge/Member		Decrease	USD	315	315	250	250
Month 1 vs Months 8+ (SOYBEAN OIL FUTURES)								
07	Spec		Decrease	USD	347	315	330	300
07	Hedge/Member		Decrease	USD	315	315	300	300
Month 1 vs Months 8+ (SOYBEAN OIL TAS FUTURES)								
ZLT	Spec		Decrease	USD	347	315	330	300
ZLT	Hedge/Member		Decrease	USD	315	315	300	300
Month 2 vs Month 4 (SOYBEAN OIL FUTURES)								
07	Spec		Decrease	USD	347	315	248	225
07	Hedge/Member		Decrease	USD	315	315	225	225
Month 2 vs Month 4 (SOYBEAN OIL TAS FUTURES)								
ZLT	Spec		Decrease	USD	347	315	248	225
ZLT	Hedge/Member		Decrease	USD	315	315	225	225
Month 2 vs Month 5 (SOYBEAN OIL FUTURES)								
07	Spec		Decrease	USD	347	315	248	225
07	Hedge/Member		Decrease	USD	315	315	225	225
Month 2 vs Month 5 (SOYBEAN OIL TAS FUTURES)								
ZLT	Spec		Decrease	USD	347	315	248	225
ZLT	Hedge/Member		Decrease	USD	315	315	225	225
Month 2 vs Month 6 (SOYBEAN OIL FUTURES)								
07	Spec		Decrease	USD	347	315	248	225
07	Hedge/Member		Decrease	USD	315	315	225	225

SPAN MINIMUM PERFORMANCE BOND REQUIREMENTS

CC	Rate Type	Description	Change	ISO	Current Initial	Current Maintenance	New Initial	New Maintenance
Intra Spreads								
Month 2 vs Month 6 (SOYBEAN OIL TAS FUTURES)								
ZLT	Spec		Decrease	USD	347	315	248	225
ZLT	Hedge/Member		Decrease	USD	315	315	225	225
Month 2 vs Month 7 (SOYBEAN OIL FUTURES)								
07	Spec		Decrease	USD	347	315	247	225
07	Hedge/Member		Decrease	USD	315	315	225	225
Month 2 vs Month 7 (SOYBEAN OIL TAS FUTURES)								
ZLT	Spec		Decrease	USD	347	315	247	225
ZLT	Hedge/Member		Decrease	USD	315	315	225	225
Month 2 vs Months 8+ (SOYBEAN OIL FUTURES)								
07	Spec		Decrease	USD	347	315	330	300
07	Hedge/Member		Decrease	USD	315	315	300	300
Month 2 vs Months 8+ (SOYBEAN OIL TAS FUTURES)								
ZLT	Spec		Decrease	USD	347	315	330	300
ZLT	Hedge/Member		Decrease	USD	315	315	300	300
Month 3 vs Month 5 (SOYBEAN OIL FUTURES)								
07	Spec		Decrease	USD	347	315	248	225
07	Hedge/Member		Decrease	USD	315	315	225	225
Month 3 vs Month 5 (SOYBEAN OIL TAS FUTURES)								
ZLT	Spec		Decrease	USD	347	315	248	225
ZLT	Hedge/Member		Decrease	USD	315	315	225	225
Month 3 vs Month 6 (SOYBEAN OIL FUTURES)								
07	Spec		Decrease	USD	347	315	248	225
07	Hedge/Member		Decrease	USD	315	315	225	225
Month 3 vs Month 6 (SOYBEAN OIL TAS FUTURES)								
ZLT	Spec		Decrease	USD	347	315	248	225
ZLT	Hedge/Member		Decrease	USD	315	315	225	225
Month 3 vs Month 7 (SOYBEAN OIL FUTURES)								
07	Spec		Decrease	USD	347	315	247	225
07	Hedge/Member		Decrease	USD	315	315	225	225
Month 3 vs Month 7 (SOYBEAN OIL TAS FUTURES)								
ZLT	Spec		Decrease	USD	347	315	247	225
ZLT	Hedge/Member		Decrease	USD	315	315	225	225

SPAN MINIMUM PERFORMANCE BOND REQUIREMENTS

CC	Rate Type	Description	Change	ISO	Current Initial	Current Maintenance	New Initial	New Maintenance
Intra Spreads								
Month 3 vs Months 8+ (SOYBEAN OIL FUTURES)								
07	Spec		Decrease	USD	347	315	330	300
07	Hedge/Member		Decrease	USD	315	315	300	300
Month 3 vs Months 8+ (SOYBEAN OIL TAS FUTURES)								
ZLT	Spec		Decrease	USD	347	315	330	300
ZLT	Hedge/Member		Decrease	USD	315	315	300	300
Month 4 vs Month 5 (SOYBEAN OIL FUTURES)								
07	Spec		Decrease	USD	347	315	247	225
07	Hedge/Member		Decrease	USD	315	315	225	225
Month 4 vs Month 5 (SOYBEAN OIL TAS FUTURES)								
ZLT	Spec		Decrease	USD	347	315	247	225
ZLT	Hedge/Member		Decrease	USD	315	315	225	225
Month 4 vs Month 6 (SOYBEAN OIL FUTURES)								
07	Spec		Decrease	USD	347	315	247	225
07	Hedge/Member		Decrease	USD	315	315	225	225
Month 4 vs Month 6 (SOYBEAN OIL TAS FUTURES)								
ZLT	Spec		Decrease	USD	347	315	247	225
ZLT	Hedge/Member		Decrease	USD	315	315	225	225
Month 4 vs Month 7 (SOYBEAN OIL FUTURES)								
07	Spec		Decrease	USD	347	315	247	225
07	Hedge/Member		Decrease	USD	315	315	225	225
Month 4 vs Month 7 (SOYBEAN OIL TAS FUTURES)								
ZLT	Spec		Decrease	USD	347	315	247	225
ZLT	Hedge/Member		Decrease	USD	315	315	225	225
Month 4 vs Months 8+ (SOYBEAN OIL FUTURES)								
07	Spec		Decrease	USD	347	315	330	300
07	Hedge/Member		Decrease	USD	315	315	300	300
Month 4 vs Months 8+ (SOYBEAN OIL TAS FUTURES)								
ZLT	Spec		Decrease	USD	347	315	330	300
ZLT	Hedge/Member		Decrease	USD	315	315	300	300
Month 5 vs Month 6 (SOYBEAN OIL FUTURES)								
07	Spec		Decrease	USD	347	315	248	225
07	Hedge/Member		Decrease	USD	315	315	225	225

SPAN MINIMUM PERFORMANCE BOND REQUIREMENTS

CC	Rate Type	Description	Change	ISO	Current Initial	Current Maintenance	New Initial	New Maintenance
Intra Spreads								
Month 5 vs Month 6 (SOYBEAN OIL TAS FUTURES)								
ZLT	Spec		Decrease	USD	347	315	248	225
ZLT	Hedge/Member		Decrease	USD	315	315	225	225
Month 5 vs Month 7 (SOYBEAN OIL FUTURES)								
07	Spec		Decrease	USD	347	315	248	225
07	Hedge/Member		Decrease	USD	315	315	225	225
Month 5 vs Month 7 (SOYBEAN OIL TAS FUTURES)								
ZLT	Spec		Decrease	USD	347	315	248	225
ZLT	Hedge/Member		Decrease	USD	315	315	225	225
Month 5 vs Months 8+ (SOYBEAN OIL FUTURES)								
07	Spec		Decrease	USD	347	315	330	300
07	Hedge/Member		Decrease	USD	315	315	300	300
Month 5 vs Months 8+ (SOYBEAN OIL TAS FUTURES)								
ZLT	Spec		Decrease	USD	347	315	330	300
ZLT	Hedge/Member		Decrease	USD	315	315	300	300
Month 6 vs Month 7 (SOYBEAN OIL FUTURES)								
07	Spec		Decrease	USD	347	315	248	225
07	Hedge/Member		Decrease	USD	315	315	225	225
Month 6 vs Month 7 (SOYBEAN OIL TAS FUTURES)								
ZLT	Spec		Decrease	USD	347	315	248	225
ZLT	Hedge/Member		Decrease	USD	315	315	225	225
Month 6 vs Months 8+ (SOYBEAN OIL FUTURES)								
07	Spec		Decrease	USD	347	315	248	225
07	Hedge/Member		Decrease	USD	315	315	225	225
Month 6 vs Months 8+ (SOYBEAN OIL TAS FUTURES)								
ZLT	Spec		Decrease	USD	347	315	248	225
ZLT	Hedge/Member		Decrease	USD	315	315	225	225
Month 7 vs Months 8+ (SOYBEAN OIL FUTURES)								
07	Spec		Decrease	USD	347	315	248	225
07	Hedge/Member		Decrease	USD	315	315	225	225
Month 7 vs Months 8+ (SOYBEAN OIL TAS FUTURES)								
ZLT	Spec		Decrease	USD	347	315	248	225
ZLT	Hedge/Member		Decrease	USD	315	315	225	225

SPAN MINIMUM PERFORMANCE BOND REQUIREMENTS

CC	Rate Type	Description	Change	ISO	Current Initial	Current Maintenance	New Initial	New Maintenance
Intra Spreads								
Months 8+ vs Months 8+ (SOYBEAN OIL FUTURES)								
07	Spec		Decrease	USD	347	315	330	300
07	Hedge/Member		Decrease	USD	315	315	300	300
Months 8+ vs Months 8+ (SOYBEAN OIL TAS FUTURES)								
ZLT	Spec		Decrease	USD	347	315	330	300
ZLT	Hedge/Member		Decrease	USD	315	315	300	300
COAL - Intra Spreads								
Australian Coking Coal (Platts) Low Vol Swap Futures [All Months] (AUSTRALIAN COKING (PLATTS) LOW VOL)								
ALW	Spec		Increase	USD	4,620	4,200	5,500	5,000
ALW	Hedge/Member		Increase	USD	4,200	4,200	5,000	5,000
ELECTRICITY - Intra Spreads								
Midwest ISO Michigan Hub 5 MW Off-Peak Calendar-Month Day-Ahead Swap Futures - All Months (MISO MICHIGAN HUB OF-PK DA MONTHLY)								
HMO	Spec		Increase	USD	28	25	33	30
HMO	Hedge/Member		Increase	USD	25	25	30	30
INTEREST RATES - Intra Spreads								
Fed Funds (CBOT) (41) - Tier 1 vs. Tier 3 [mth 1 vs. mth 5-12] (30 DAY FED FUND FUTURES)								
41	Spec		Increase	USD	226	205	270	245
41	Hedge/Member		Increase	USD	205	205	245	245
Fed Funds (CBOT) (41) - Tier 1 vs. Tier 4 [mth 1 vs. mth 13-24] (30 DAY FED FUND FUTURES)								
41	Spec		Increase	USD	165	150	209	190
41	Hedge/Member		Increase	USD	150	150	190	190
Fed Funds (CBOT) (41) - Tier 1 vs. Tier 5 [mth 1 vs. mth 25+] (30 DAY FED FUND FUTURES)								
41	Spec		Increase	USD	248	225	292	265
41	Hedge/Member		Increase	USD	225	225	265	265
Fed Funds (CBOT) (41) - Tier 2 vs. Tier 3 [mth 2-4 vs. mth 5-12] (30 DAY FED FUND FUTURES)								
41	Spec		Increase	USD	242	220	286	260
41	Hedge/Member		Increase	USD	220	220	260	260
Fed Funds (CBOT) (41) - Tier 2 vs. Tier 4 [mth 2-4 vs. mth 13-24] (30 DAY FED FUND FUTURES)								
41	Spec		Increase	USD	242	220	286	260
41	Hedge/Member		Increase	USD	220	220	260	260
Fed Funds (CBOT) (41) - Tier 2 vs. Tier 5 [mth 2-4 vs. mth 25+] (30 DAY FED FUND FUTURES)								
41	Spec		Increase	USD	275	250	319	290
41	Hedge/Member		Increase	USD	250	250	290	290

SPAN MINIMUM PERFORMANCE BOND REQUIREMENTS

CC	Rate Type	Description	Change	ISO	Current Initial	Current Maintenance	New Initial	New Maintenance
Intra Spreads								
METALS - Intra Spreads								
Iron Ore Futures - Mnth 1 vs Mnths 5+ (IRON ORE FUTURES)								
TIO	Spec		Increase	USD	1,650	1,500	2,200	2,000
TIO	Hedge/Member		Increase	USD	1,500	1,500	2,000	2,000
Iron Ore Futures - Mnths 2-4 vs Mnths 5+ (IRON ORE FUTURES)								
TIO	Spec		Increase	USD	1,540	1,400	2,090	1,900
TIO	Hedge/Member		Increase	USD	1,400	1,400	1,900	1,900
U.S. Midwest Domestic Hot-Rolled Coil Steel - All Months (NYMEX HOT ROLLED STEEL FUTURES)								
HR	Spec		Increase	USD	440	400	550	500
HR	Hedge/Member		Increase	USD	400	400	500	500

Rate Type	Change	Ratio	Current Initial	Current Maintenance	New Initial	New Maintenance
Inter-commodity Spread Rates						
ELECTRICITY - Inter-commodity Spread Rates						
NYISO ZONE A PEAK LBMP SWAP FUTURES (NY-KA - CME) vs MIDWEST ISO INDIANA HUB 5 MW PEAK CALENDAR-MONTH DAY-AHEAD SWAP FUTURES (NY-PDM - CME)						
Spread Credit Rate	Decrease	+1:-5	55%	55%	40%	40%
PJM AEP DAYTON HUB 5MW PEAK CAL REAL-TIME LMP SWAP FUT (NY-Z9- CME) vs PJM JCPL ZONE PEAK CAL DA LMP SWAP FUT (NY-J2- CME)						
Spread Credit Rate	Decrease	+1:-1	70%	70%	60%	60%
PJM BGE Zone Off-Peak Calendar-Month Day-Ahead LMP Futures (NY-R3-CME) vs PJM JCPL Zone Peak Calendar-Month Day-Ahead LMP Futures (NY-J2-CME)						
Spread Credit Rate	Decrease	+16:-1	65%	65%	45%	45%
PJM JCPL Zone Peak Calendar-Month Day-Ahead LMP Futures (NY-J2-CME) vs PJM ComEd Zone 5 MW Peak Calendar-Month Day-Ahead LMP Futures (NY-D8-CME)						
Spread Credit Rate	Decrease	+1:-1	55%	55%	40%	40%
PJM JCPL Zone Peak Calendar-Month Day-Ahead LMP Futures (NY-J2-CME) vs PJM PPL Zone Peak Calendar-Month Day-Ahead LMP Futures (NY-L5-CME)						
Spread Credit Rate	Decrease	+1:-1	70%	70%	60%	60%

SPAN MINIMUM PERFORMANCE BOND REQUIREMENTS

Rate Type	Tier Description	Change	Current Initial	Current Maintenance	New Initial	New Maintenance
Volatility Scan (volScan) Rate						
AGRICULTURE - Volatility Scan (volScan) Rate						
SOYBEAN OIL (07, 07, LDF, ZLT) - volScan						
Clearing Member Rate	Months 7+	Decrease		0.060		0.040
EQUITY INDEX - Volatility Scan (volScan) Rate						
E-MINI NASDAQ-100 FUTURES (7H, DN, ND, ND, NQ, NQ, NQI, NQT, QN, YH) - volScan						
Clearing Member Rate		Decrease		0.080		0.070
E-MINI S&P MIDCAP 400 (8Z, EMT, ETT, MD, MD, ME, ME, YZ) - volScan						
Clearing Member Rate		Decrease		0.070		0.060
S&P 500 (7S, 8A, 8B, ES, ES, ESI, EST, EV, EW, SP, SP, YP1) - volScan						
Clearing Member Rate		Decrease		0.070		0.060
S&P SMALLCAP 600 (SMC, SMC, SMP, SMT, TMT) - volScan						
Clearing Member Rate		Decrease		0.090		0.080
FX - Volatility Scan (volScan) Rate						
MEXICAN PESO (MP, MP) - volScan						
Clearing Member Rate		Decrease		0.050		0.040
SWISS FRANC (MSF, SF, SF, YS) - volScan						
Clearing Member Rate		Decrease		0.060		0.045
NATURAL GAS - Volatility Scan (volScan) Rate						
TRANSCO, ZONE 6 NATURAL GAS INDEX SWAP (PLATT GAS DAILY/PLATTS IFERC) FUTURES (IT) - volScan						
Clearing Member Rate	Mnth 3+	New				0.035