



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

FROM: CME Clearing

SUBJECT: Performance Bond Requirements

DATE: Wednesday, May 25, 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

Thursday, May 26, 2016.

Current rates as of:

Wednesday, May 25, 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								

CRUDE OIL - Outright Rates

DUBAI CRUDE OIL CALENDAR FUT (DC)

DC	Spec	Mnth1	Decrease	USD	5,830	5,300	5,500	5,000
DC	Hedge/Member	Mnth1	Decrease	USD	5,300	5,300	5,000	5,000

LOOP GULF COAST SOUR CRUDE OIL (MB)

MB	Spec		Decrease	USD	6,270	5,700	5,500	5,000
MB	Hedge/Member		Decrease	USD	5,700	5,700	5,000	5,000

MINI DUBAI CRUDE OIL (PLATTS) FUT (DBL)

DBL	Spec	Mnth1	Decrease	USD	583	530	550	500
DBL	Hedge/Member	Mnth1	Decrease	USD	530	530	500	500

CRUDE OIL SPREADS - Outright Rates

MARS (ARGUS) V WTI FUT (YX)

YX	Spec	Mnth 2	Decrease	USD	1,100	1,000	880	800
YX	Hedge/Member	Mnth 2	Decrease	USD	1,000	1,000	800	800
YX	Spec	Mnths 3+	Decrease	USD	880	800	660	600
YX	Hedge/Member	Mnths 3+	Decrease	USD	800	800	600	600

MARS (ARGUS) V WTI TRD MTH FUT (YV)

YV	Spec	Mnths 1-3	Decrease	USD	1,650	1,500	1,320	1,200
YV	Hedge/Member	Mnths 1-3	Decrease	USD	1,500	1,500	1,200	1,200
YV	Spec	Mnths 4+	Decrease	USD	1,100	1,000	880	800
YV	Hedge/Member	Mnths 4+	Decrease	USD	1,000	1,000	800	800

WTI MIDLAND(ARGUS) VS WTI FINCL FUT (FF)

FF	Spec	Mnth1	Decrease	USD	2,860	2,600	2,420	2,200
FF	Hedge/Member	Mnth1	Decrease	USD	2,600	2,600	2,200	2,200
FF	Spec	Mnth 2	Decrease	USD	1,100	1,000	880	800
FF	Hedge/Member	Mnth 2	Decrease	USD	1,000	1,000	800	800
FF	Spec	Mnths 3+	Decrease	USD	660	600	495	450
FF	Hedge/Member	Mnths 3+	Decrease	USD	600	600	450	450

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

FH	Spec	Mnth 1	Decrease	USD	1,540	1,400	1,320	1,200
FH	Hedge/Member	Mnth 1	Decrease	USD	1,400	1,400	1,200	1,200
FH	Spec	Mnths 2-3	Decrease	USD	825	750	550	500
FH	Hedge/Member	Mnths 2-3	Decrease	USD	750	750	500	500
FH	Spec	Mnths 4-7	Increase	USD	385	350	440	400
FH	Hedge/Member	Mnths 4-7	Increase	USD	350	350	400	400
FH	Spec	Mnths 8+	Increase	USD	330	300	440	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

FH	Hedge/Member	Mnths 8+	Increase	USD	300	300	400	400
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SPAN MINIMUM PERFORMANCE BOND REQUIREMENTS

CC	Rate Type	Description	Change	ISO	Current Initial	Current Maintenance	New Initial	New Maintenance
Outright Rates								
ELECTRICITY - Outright Rates								
MIDWEST ISO MICHIGAN HUB 5MW PEAK C (HMW)								
HMW	Spec	Mnths 5-11	Decrease	USD	303	275	248	225
HMW	Hedge/Member	Mnths 5-11	Decrease	USD	275	275	225	225
MISO INDIANA HUB 5MW D AH PK (H5)								
H5	Spec	Mnth 5-11	Decrease	USD	330	300	220	200
H5	Hedge/Member	Mnth 5-11	Decrease	USD	300	300	200	200
MISO INDIANA HUB 5MW REAL TIME PK (H3)								
H3	Spec	Mnths 3-11	Decrease	USD	330	300	220	200
H3	Hedge/Member	Mnths 3-11	Decrease	USD	300	300	200	200
MISO INDIANA HUB PEAK MONTH FUT (EM)								
EM	Spec	Mnths 3-11	Decrease	USD	3,300	3,000	2,640	2,400
EM	Hedge/Member	Mnths 3-11	Decrease	USD	3,000	3,000	2,400	2,400
NORTHERN ILLINOIS HUB MONTHLY (UM)								
UM	Spec	Mnth 2	Increase	USD	3,025	2,750	3,300	3,000
UM	Hedge/Member	Mnth 2	Increase	USD	2,750	2,750	3,000	3,000
NYISO A OFF-PEAK (KB)								
KB	Spec	Mnths 3-5	Increase	USD	2,310	2,100	2,750	2,500
KB	Hedge/Member	Mnths 3-5	Increase	USD	2,100	2,100	2,500	2,500
NYISO G OFF-PEAK (KH)								
KH	Spec	Mnth 1	Decrease	USD	4,400	4,000	3,850	3,500
KH	Hedge/Member	Mnth 1	Decrease	USD	4,000	4,000	3,500	3,500
NYISO J OFF-PEAK (KK)								
KK	Spec	Mnth 1	Decrease	USD	6,050	5,500	4,400	4,000
KK	Hedge/Member	Mnth 1	Decrease	USD	5,500	5,500	4,000	4,000
NYISO ZONE C 5MW D AH O PK (A3)								
A3	Spec	Mnths 3-11	Decrease	USD	22	20	17	15
A3	Hedge/Member	Mnths 3-11	Decrease	USD	20	20	15	15
NYISO ZONE G 5MW D AH O PK (D2)								
D2	Spec	Mnth 1	Decrease	USD	44	40	33	30
D2	Hedge/Member	Mnth 1	Decrease	USD	40	40	30	30

SPAN MINIMUM PERFORMANCE BOND REQUIREMENTS

CC	Rate Type	Description	Change	ISO	Current Initial	Current Maintenance	New Initial	New Maintenance
Outright Rates								
PJM AECO DA OFF-PEAK (X1)								
X1	Spec	Mnth 2	Increase	USD	17	15	22	20
X1	Hedge/Member	Mnth 2	Increase	USD	15	15	20	20
X1	Spec	Mnths 3-4	Increase	USD	17	15	22	20
X1	Hedge/Member	Mnths 3-4	Increase	USD	15	15	20	20
X1	Spec	Mnths 5-11	Increase	USD	11	10	17	15
X1	Hedge/Member	Mnths 5-11	Increase	USD	10	10	15	15
X1	Spec	Mnths 12+	Increase	USD	17	15	22	20
X1	Hedge/Member	Mnths 12+	Increase	USD	15	15	20	20
PJM APS ZONE DA PEAK (S4)								
S4	Spec	Mnth 2	Increase	USD	330	300	385	350
S4	Hedge/Member	Mnth 2	Increase	USD	300	300	350	350
S4	Spec	Mnths 5-11	Increase	USD	193	175	248	225
S4	Hedge/Member	Mnths 5-11	Increase	USD	175	175	225	225
PJM BGE DA OFF-PEAK (R3)								
R3	Spec	Mnths 5-11	Increase	USD	11	10	17	15
R3	Hedge/Member	Mnths 5-11	Increase	USD	10	10	15	15
R3	Spec	Mnths 12+	Increase	USD	17	15	22	20
R3	Hedge/Member	Mnths 12+	Increase	USD	15	15	20	20
PJM COMED 5MW D AH PK (D8)								
D8	Spec	Mnth 1	Increase	USD	275	250	330	300
D8	Hedge/Member	Mnth 1	Increase	USD	250	250	300	300
D8	Spec	Mnth 2	Increase	USD	275	250	330	300
D8	Hedge/Member	Mnth 2	Increase	USD	250	250	300	300
PJM JCPL DA OFF-PEAK (F2)								
F2	Spec	Mnth 2	Increase	USD	17	15	22	20
F2	Hedge/Member	Mnth 2	Increase	USD	15	15	20	20
F2	Spec	Mnths 3-11	Increase	USD	17	15	22	20
F2	Hedge/Member	Mnths 3-11	Increase	USD	15	15	20	20
F2	Spec	Mnths 12+	Increase	USD	17	15	22	20
F2	Hedge/Member	Mnths 12+	Increase	USD	15	15	20	20
PJM JCPL DA PEAK (J2)								
J2	Spec	Mnths 12+	Increase	USD	303	275	358	325
J2	Hedge/Member	Mnths 12+	Increase	USD	275	275	325	325
PJM METED ZONE OFFPK CAL MO LMP FUT (46)								
46	Spec	Mnths 5-11	Increase	USD	11	10	17	15
46	Hedge/Member	Mnths 5-11	Increase	USD	10	10	15	15

SPAN MINIMUM PERFORMANCE BOND REQUIREMENTS

CC	Rate Type	Description	Change	ISO	Current Initial	Current Maintenance	New Initial	New Maintenance
Outright Rates								
PJM METED ZONE PK CAL LMP FUTURES (47)								
47	Spec	Mnths 12+	Increase	USD	220	200	330	300
47	Hedge/Member	Mnths 12+	Increase	USD	200	200	300	300
PJM MONTHLY (JM)								
JM	Spec	Mnths 24+	Increase	USD	2,090	1,900	2,530	2,300
JM	Hedge/Member	Mnths 24+	Increase	USD	1,900	1,900	2,300	2,300
PJM NILL DA PEAK (N3)								
N3	Spec	Mnth 1	Increase	USD	330	300	385	350
N3	Hedge/Member	Mnth 1	Increase	USD	300	300	350	350
N3	Spec	Mnths 12+	Increase	USD	193	175	231	210
N3	Hedge/Member	Mnths 12+	Increase	USD	175	175	210	210
PJM OFF-PEAK LMP FUT (JP)								
JP	Spec	Mnth 2	Decrease	USD	2,750	2,500	2,200	2,000
JP	Hedge/Member	Mnth 2	Decrease	USD	2,500	2,500	2,000	2,000
PJM PPL DA OFF-PEAK (F5)								
F5	Spec	Mnths 5-11	Increase	USD	17	15	22	20
F5	Hedge/Member	Mnths 5-11	Increase	USD	15	15	20	20
PJM PPL DA PEAK (L5)								
L5	Spec	Mnths 12+	Increase	USD	220	200	275	250
L5	Hedge/Member	Mnths 12+	Increase	USD	200	200	250	250

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								
BTIC ON E-MINI NASDAQ-100 FUTURES (NQT)								
NQT	Spec		Decrease	USD	4,400	4,000	3,960	3,600
NQT	Hedge/Member		Decrease	USD	4,000	4,000	3,600	3,600
CONSUMER STAPLES SECTOR TIC (XPT)								
XPT	Spec		Decrease	USD	1,540	1,400	1,430	1,300
XPT	Hedge/Member		Decrease	USD	1,400	1,400	1,300	1,300
E-MINI NASDAQ 100 FUTURES (NQ)								
NQ	Spec		Decrease	USD	4,400	4,000	3,960	3,600
NQ	Hedge/Member		Decrease	USD	4,000	4,000	3,600	3,600
E-MINI NASDAQ-100 FUTURES MARKER (NQI)								
NQI	Spec		Decrease	USD	4,400	4,000	3,960	3,600
NQI	Hedge/Member		Decrease	USD	4,000	4,000	3,600	3,600
EMINI SP 500 CONS STAPLES SECTOR IX (XAP)								
XAP	Spec		Decrease	USD	1,540	1,400	1,430	1,300
XAP	Hedge/Member		Decrease	USD	1,400	1,400	1,300	1,300
EMINI SP 500 ENERGY SECTOR INDEX (XAE)								
XAE	Spec		Decrease	USD	4,180	3,800	3,630	3,300
XAE	Hedge/Member		Decrease	USD	3,800	3,800	3,300	3,300
EMINI SP500 - FINANCIAL SECT INDEX (XAF)								
XAF	Spec		Decrease	USD	2,915	2,650	2,420	2,200
XAF	Hedge/Member		Decrease	USD	2,650	2,650	2,200	2,200
E-MINI SP500 CONS DISCRET SECTOR IX (XAY)								
XAY	Spec		Decrease	USD	3,300	3,000	2,860	2,600
XAY	Hedge/Member		Decrease	USD	3,000	3,000	2,600	2,600
E-MINI SP500 CONS DISCRET SYNTHETIC (1YT)								
1YT	Spec		Decrease	USD	3,300	3,000	2,860	2,600
1YT	Hedge/Member		Decrease	USD	3,000	3,000	2,600	2,600
E-MINI SP500 CONS DISCRET TAI (XYT)								
XYT	Spec		Decrease	USD	3,300	3,000	2,860	2,600
XYT	Hedge/Member		Decrease	USD	3,000	3,000	2,600	2,600
EMINI SP500- HEALTH CARE SECT INDEX (XAV)								
XAV	Spec		Decrease	USD	3,300	3,000	2,750	2,500
XAV	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								
EMINI SP500 MATERIALS SECTOR INDEX (XAB)								
XAB	Spec		Decrease	USD	2,420	2,200	1,980	1,800
XAB	Hedge/Member		Decrease	USD	2,200	2,200	1,800	1,800
EMINI SP500-TECHNOLOGY SECTOR INDEX (XAK)								
XAK	Spec		Decrease	USD	2,035	1,850	1,650	1,500
XAK	Hedge/Member		Decrease	USD	1,850	1,850	1,500	1,500
EMINI SP500-UTILITIES SECTOR INDEX (XAU)								
XAU	Spec		Decrease	USD	1,760	1,600	1,485	1,350
XAU	Hedge/Member		Decrease	USD	1,600	1,600	1,350	1,350
NASDAQ 100 FUTURES (ND)								
ND	Spec		Decrease	USD	22,000	20,000	19,800	18,000
ND	Hedge/Member		Decrease	USD	20,000	20,000	18,000	18,000
S&P 500 ANNUAL DIVIDEND INDEX FUT (SDA)								
SDA	Spec	Mths 1-3	Decrease	USD	275	250	220	200
SDA	Hedge/Member	Mths 1-3	Decrease	USD	250	250	200	200
SDA	Spec	Mths 4+	Decrease	USD	330	300	303	275
SDA	Hedge/Member	Mths 4+	Decrease	USD	300	300	275	275
SP 500 - CONS STAPLES SYNTHETIC (1PT)								
1PT	Spec		Decrease	USD	1,540	1,400	1,430	1,300
1PT	Hedge/Member		Decrease	USD	1,400	1,400	1,300	1,300
SP 500 ENERGY SELECT SECTOR TIC (XET)								
XET	Spec		Decrease	USD	4,180	3,800	3,630	3,300
XET	Hedge/Member		Decrease	USD	3,800	3,800	3,300	3,300
SP 500 ENERGY SLCT SEC SYNTHETIC (1ET)								
1ET	Spec		Decrease	USD	4,180	3,800	3,630	3,300
1ET	Hedge/Member		Decrease	USD	3,800	3,800	3,300	3,300
SP 500 FINANCIAL SECTOR TIC (XFT)								
XFT	Spec		Decrease	USD	2,915	2,650	2,420	2,200
XFT	Hedge/Member		Decrease	USD	2,650	2,650	2,200	2,200
SP 500 FINANCIAL SLCT SEC SYNT (1FT)								
1FT	Spec		Decrease	USD	2,915	2,650	2,420	2,200
1FT	Hedge/Member		Decrease	USD	2,650	2,650	2,200	2,200
SP 500 HEALTH CARE SECTOR SYNTHETIC (1VT)								
1VT	Spec		Decrease	USD	3,300	3,000	2,750	2,500
1VT	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								
SP 500 HEALTH CARE SECTOR TIC (XVT)								
XVT	Spec		Decrease	USD	3,300	3,000	2,750	2,500
XVT	Hedge/Member		Decrease	USD	3,000	3,000	2,500	2,500
SP 500 MATERIALS SEL SECTOR SYNTH (1BT)								
1BT	Spec		Decrease	USD	2,420	2,200	1,980	1,800
1BT	Hedge/Member		Decrease	USD	2,200	2,200	1,800	1,800
SP 500 MATERIALS SEL SECTOR TIC (XBT)								
XBT	Spec		Decrease	USD	2,420	2,200	1,980	1,800
XBT	Hedge/Member		Decrease	USD	2,200	2,200	1,800	1,800
SP 500 TECHNOLOGY SECTOR SYNTH (1KT)								
1KT	Spec		Decrease	USD	2,035	1,850	1,650	1,500
1KT	Hedge/Member		Decrease	USD	1,850	1,850	1,500	1,500
SP 500 TECHNOLOGY SECTOR TIC (XKT)								
XKT	Spec		Decrease	USD	2,035	1,850	1,650	1,500
XKT	Hedge/Member		Decrease	USD	1,850	1,850	1,500	1,500
SP 500 UTILITIES SEL SECTOR SYNTH (1UT)								
1UT	Spec		Decrease	USD	1,760	1,600	1,485	1,350
1UT	Hedge/Member		Decrease	USD	1,600	1,600	1,350	1,350
SP 500 UTILITIES SEL SECTOR TIC (XUT)								
XUT	Spec		Decrease	USD	1,760	1,600	1,485	1,350
XUT	Hedge/Member		Decrease	USD	1,600	1,600	1,350	1,350

SPAN MINIMUM PERFORMANCE BOND REQUIREMENTS

CC	Rate Type	Description	Change	ISO	Current Initial	Current Maintenance	New Initial	New Maintenance
Outright Rates								
FX - Outright Rates								
AFRICAN RAND FUTURES (RA)								
RA	Spec		Decrease	USD	1,815	1,650	1,595	1,450
RA	Hedge/Member		Decrease	USD	1,650	1,650	1,450	1,450
BRAZILIAN REAL FUTURES (BR)								
BR	Spec	Jan 16 - Dec 16	Decrease	USD	2,750	2,500	2,420	2,200
BR	Hedge/Member	Jan 16 - Dec 16	Decrease	USD	2,500	2,500	2,200	2,200
BR	Spec	Jan17 - Dec17	Decrease	USD	3,630	3,300	3,080	2,800
BR	Hedge/Member	Jan17 - Dec17	Decrease	USD	3,300	3,300	2,800	2,800
BR	Spec	Jan18 - Dec18	Decrease	USD	3,960	3,600	3,630	3,300
BR	Hedge/Member	Jan18 - Dec18	Decrease	USD	3,600	3,600	3,300	3,300
BR	Spec	Jan19+	Decrease	USD	4,400	4,000	3,850	3,500
BR	Hedge/Member	Jan19+	Decrease	USD	4,000	4,000	3,500	3,500
BRITISH POUND FUTURES (BP)								
BP	Spec		Increase	USD	2,255	2,050	2,420	2,200
BP	Hedge/Member		Increase	USD	2,050	2,050	2,200	2,200
E-MICRO GBP/USD FUTURES (M6B)								
M6B	Spec		Increase	USD	226	205	242	220
M6B	Hedge/Member		Increase	USD	205	205	220	220
E-MICRO INR/USD FUTURE (MIR)								
MIR	Spec		Decrease	USD	352	320	308	280
MIR	Hedge/Member		Decrease	USD	320	320	280	280
EURO FX/SF FUTURES (RF)								
RF	Spec		Decrease	CHF	3,740	3,400	3,300	3,000
RF	Hedge/Member		Decrease	CHF	3,400	3,400	3,000	3,000
INR/USD FUTURE (SIR)								
SIR	Spec		Decrease	USD	1,760	1,600	1,540	1,400
SIR	Hedge/Member		Decrease	USD	1,600	1,600	1,400	1,400
NKR/USD FUTURES (UN)								
UN	Spec		Decrease	USD	7,700	7,000	6,600	6,000
UN	Hedge/Member		Decrease	USD	7,000	7,000	6,000	6,000
POLISH ZLOTY FUTURES (PZ)								
PZ	Spec		Decrease	USD	4,510	4,100	3,850	3,500
PZ	Hedge/Member		Decrease	USD	4,100	4,100	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								
RU RUSSIAN RUBLE FUTURES (RU)								
RU	Spec	Jan 16 - Dec 16	Decrease	USD	6,270	5,700	5,500	5,000
RU	Hedge/Member	Jan 16 - Dec 16	Decrease	USD	5,700	5,700	5,000	5,000
RU	Spec	Jan 17 - Dec 17	Decrease	USD	7,370	6,700	6,600	6,000
RU	Hedge/Member	Jan 17 - Dec 17	Decrease	USD	6,700	6,700	6,000	6,000
RU	Spec	Jan 18 - Dec 18	Decrease	USD	9,460	8,600	8,250	7,500
RU	Hedge/Member	Jan 18 - Dec 18	Decrease	USD	8,600	8,600	7,500	7,500
RU	Spec	Jan 19+	Decrease	USD	11,000	10,000	9,350	8,500
RU	Hedge/Member	Jan 19+	Decrease	USD	10,000	10,000	8,500	8,500
SKR/USD CROSS RATE FUTURES (SE)								
SE	Spec		Decrease	USD	6,600	6,000	5,720	5,200
SE	Hedge/Member		Decrease	USD	6,000	6,000	5,200	5,200

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

PETROLEUM CRACKS AND SPREADS - Outright Rates

CHI ULSD (PLATTS) VS. NY HRBR ULSD (5C)

5C	Spec	Mnth 1	Decrease	USD	5,500	5,000	4,400	4,000
5C	Hedge/Member	Mnth 1	Decrease	USD	5,000	5,000	4,000	4,000
5C	Spec	Mnth 2-3	Decrease	USD	2,200	2,000	1,925	1,750
5C	Hedge/Member	Mnth 2-3	Decrease	USD	2,000	2,000	1,750	1,750

EURO PPNE CIFARG VS NAPHTHA NWE FU (EPN)

EPN	Spec	Mnth 1	Decrease	USD	44,000	40,000	38,500	35,000
EPN	Hedge/Member	Mnth 1	Decrease	USD	40,000	40,000	35,000	35,000

FUELOIL FUT:CARGOES VS.BARGES (FS)

FS	Spec	Mnth 2-5	Decrease	USD	2,750	2,500	2,475	2,250
FS	Hedge/Member	Mnth 2-5	Decrease	USD	2,500	2,500	2,250	2,250
FS	Spec	Mnth 6+	Decrease	USD	1,870	1,700	1,650	1,500
FS	Hedge/Member	Mnth 6+	Decrease	USD	1,700	1,700	1,500	1,500

GLFCST JET PLATTS UP/DN FUT (ME)

ME	Spec	Mnth 1	Decrease	USD	2,200	2,000	1,870	1,700
ME	Hedge/Member	Mnth 1	Decrease	USD	2,000	2,000	1,700	1,700
ME	Spec	Mnth 2	Decrease	USD	1,100	1,000	1,045	950
ME	Hedge/Member	Mnth 2	Decrease	USD	1,000	1,000	950	950
ME	Spec	Mnth 3-5	Decrease	USD	880	800	770	700
ME	Hedge/Member	Mnth 3-5	Decrease	USD	800	800	700	700

GRP THREE SUB-OCT GS (PLT) VS RBOB (A8)

A8	Spec	Mnth 1	Decrease	USD	5,280	4,800	4,620	4,200
A8	Hedge/Member	Mnth 1	Decrease	USD	4,800	4,800	4,200	4,200
A8	Spec	Mnth 2-4	Decrease	USD	2,530	2,300	2,200	2,000
A8	Hedge/Member	Mnth 2-4	Decrease	USD	2,300	2,300	2,000	2,000

GRP3 ULSD VS NY HRBR ULSD FUT (A6)

A6	Spec	Mnth 1	Decrease	USD	2,640	2,400	2,200	2,000
A6	Hedge/Member	Mnth 1	Decrease	USD	2,400	2,400	2,000	2,000
A6	Spec	Mnth 2	Decrease	USD	1,760	1,600	1,540	1,400
A6	Hedge/Member	Mnth 2	Decrease	USD	1,600	1,600	1,400	1,400
A6	Spec	Mnth 3+	Decrease	USD	770	700	660	600
A6	Hedge/Member	Mnth 3+	Decrease	USD	700	700	600	600

SPAN MINIMUM PERFORMANCE BOND REQUIREMENTS

CC	Rate Type	Description	Change	ISO	Current Initial	Current Maintenance	New Initial	New Maintenance
Outright Rates								
GULF COAST CBOB GAS A2 VS RBOB SRRD (CRB)								
CRB	Spec	Mnth 1	Decrease	USD	3,608	3,280	3,080	2,800
CRB	Hedge/Member	Mnth 1	Decrease	USD	3,280	3,280	2,800	2,800
CRB	Spec	Mnth 2	Decrease	USD	1,782	1,620	1,485	1,350
CRB	Hedge/Member	Mnth 2	Decrease	USD	1,620	1,620	1,350	1,350
CRB	Spec	Mnths 3+	Decrease	USD	1,760	1,600	1,430	1,300
CRB	Hedge/Member	Mnths 3+	Decrease	USD	1,600	1,600	1,300	1,300
JET CIF NWE VS ICE (JC)								
JC	Spec	Mnth 1	Decrease	USD	10,296	9,360	8,800	8,000
JC	Hedge/Member	Mnth 1	Decrease	USD	9,360	9,360	8,000	8,000
JC	Spec	Mnth 2	Decrease	USD	5,500	5,000	4,950	4,500
JC	Hedge/Member	Mnth 2	Decrease	USD	5,000	5,000	4,500	4,500
JC	Spec	Mnths 3-6	Decrease	USD	4,719	4,290	4,180	3,800
JC	Hedge/Member	Mnths 3-6	Decrease	USD	4,290	4,290	3,800	3,800
LA CARBD (OPIS) VS. NY HRBR ULSD (KL)								
KL	Spec	Mnth 1	Decrease	USD	3,300	3,000	2,860	2,600
KL	Hedge/Member	Mnth 1	Decrease	USD	3,000	3,000	2,600	2,600
KL	Spec	Mnth 2	Decrease	USD	2,904	2,640	2,530	2,300
KL	Hedge/Member	Mnth 2	Decrease	USD	2,640	2,640	2,300	2,300
KL	Spec	Mnths 3+	Decrease	USD	2,860	2,600	2,420	2,200
KL	Hedge/Member	Mnths 3+	Decrease	USD	2,600	2,600	2,200	2,200
MIN JETKERO CRGOS CIF NWE VS GASOIL (MJC)								
MJC	Spec	Mnth 1	Decrease	USD	1,030	936	880	800
MJC	Hedge/Member	Mnth 1	Decrease	USD	936	936	800	800
MJC	Spec	Mnth 2	Decrease	USD	550	500	495	450
MJC	Hedge/Member	Mnth 2	Decrease	USD	500	500	450	450
MJC	Spec	Mnths 3-6	Decrease	USD	472	429	418	380
MJC	Hedge/Member	Mnths 3-6	Decrease	USD	429	429	380	380
NY HARBOR LOW SULPUR GAS 1000MBBL (NLS)								
NLS	Spec	Mnths 1	Decrease	USD	3,850	3,500	3,575	3,250
NLS	Hedge/Member	Mnths 1	Decrease	USD	3,500	3,500	3,250	3,250
NLS	Spec	Mnths 6+	Decrease	USD	3,850	3,500	3,575	3,250
NLS	Hedge/Member	Mnths 6+	Decrease	USD	3,500	3,500	3,250	3,250
NLS	Spec	Mths 2-5	Decrease	USD	3,850	3,500	3,575	3,250
NLS	Hedge/Member	Mths 2-5	Decrease	USD	3,500	3,500	3,250	3,250
SINGAPORE GASOIL VS ICE (GA)								
GA	Spec	Mnths 3+	Decrease	USD	440	400	385	350
GA	Hedge/Member	Mnths 3+	Decrease	USD	400	400	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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Intra Spreads

AGRICULTURE - Intra Spreads

Soybean Meal Butterfly Contracts 5-7 (SOYBEAN MEAL FUTURES)

06	Spec	Increase	USD	220	200	303	275
06	Hedge/Member	Increase	USD	200	200	275	275

Soybean Meal Butterfly Contracts 5-7 (SOYBEAN MEAL TAS FUTURES)

ZMT	Spec	Increase	USD	220	200	303	275
ZMT	Hedge/Member	Increase	USD	200	200	275	275

ELECTRICITY - Intra Spreads

PJM Penelec Zone Off-Peak Calendar-Month Day-Ahead LMP - Tier 1 vs. Tier 2 (PJM PENELEC ZN OFF-PK CAL LMP FUT)

50	Spec	Increase	USD	3	3	22	20
50	Hedge/Member	Increase	USD	3	3	20	20

PJM Penelec Zone Off-Peak Calendar-Month Day-Ahead LMP - Tier 2 vs. Tier 2 (PJM PENELEC ZN OFF-PK CAL LMP FUT)

50	Spec	Increase	USD	3	3	22	20
50	Hedge/Member	Increase	USD	3	3	20	20

PJM Penelec Zone Peak Calendar-Month Day-Ahead LMP - Tier 1 vs. Tier 2 (PJM PENELEC ZONE PK CAL LMP FUT)

49	Spec	Increase	USD	55	50	275	250
49	Hedge/Member	Increase	USD	50	50	250	250

PJM Penelec Zone Peak Calendar-Month Day-Ahead LMP - Tier 2 vs. Tier 2 (PJM PENELEC ZONE PK CAL LMP FUT)

49	Spec	Increase	USD	55	50	275	250
49	Hedge/Member	Increase	USD	50	50	250	250

SPAN MINIMUM PERFORMANCE BOND REQUIREMENTS

CC	Rate Type	Description	Change	ISO	Current Initial	Current Maintenance	New Initial	New Maintenance
Intra Spreads								
FX - Intra Spreads								
British Pound (BP) - Contracts 1-4 vs. 1-4 (BRITISH POUND FUTURES)								
BP	Spec		Increase	USD	77	70	110	100
BP	Hedge/Member		Increase	USD	70	70	100	100
British Pound (BP) - Contracts 1-4 vs. 1-4 (E-MICRO GBP/USD FUTURES)								
M6B	Spec		Increase	USD	8	7	11	10
M6B	Hedge/Member		Increase	USD	7	7	10	10
British Pound (BP) - Contracts 1-4 vs. 5-8 (BRITISH POUND FUTURES)								
BP	Spec		Increase	USD	138	125	204	185
BP	Hedge/Member		Increase	USD	125	125	185	185
British Pound (BP) - Contracts 1-4 vs. 5-8 (E-MICRO GBP/USD FUTURES)								
M6B	Spec		Increase	USD	14	13	20	19
M6B	Hedge/Member		Increase	USD	13	13	19	19
British Pound (BP) - Contracts 1-4 vs. 9+ (BRITISH POUND FUTURES)								
BP	Spec		Increase	USD	363	330	550	500
BP	Hedge/Member		Increase	USD	330	330	500	500
British Pound (BP) - Contracts 1-4 vs. 9+ (E-MICRO GBP/USD FUTURES)								
M6B	Spec		Increase	USD	36	33	55	50
M6B	Hedge/Member		Increase	USD	33	33	50	50
British Pound (BP) - Contracts 5-8 vs. 5-8 (BRITISH POUND FUTURES)								
BP	Spec		Increase	USD	138	125	204	185
BP	Hedge/Member		Increase	USD	125	125	185	185
British Pound (BP) - Contracts 5-8 vs. 5-8 (E-MICRO GBP/USD FUTURES)								
M6B	Spec		Increase	USD	14	13	20	19
M6B	Hedge/Member		Increase	USD	13	13	19	19
British Pound (BP) - Contracts 5-8 vs. 9+ (BRITISH POUND FUTURES)								
BP	Spec		Increase	USD	363	330	550	500
BP	Hedge/Member		Increase	USD	330	330	500	500
British Pound (BP) - Contracts 5-8 vs. 9+ (E-MICRO GBP/USD FUTURES)								
M6B	Spec		Increase	USD	36	33	55	50
M6B	Hedge/Member		Increase	USD	33	33	50	50
British Pound (BP) - Contracts 9+ vs. 9+ (BRITISH POUND FUTURES)								
BP	Spec		Increase	USD	363	330	550	500
BP	Hedge/Member		Increase	USD	330	330	500	500

SPAN MINIMUM PERFORMANCE BOND REQUIREMENTS

CC	Rate Type	Description	Change	ISO	Current Initial	Current Maintenance	New Initial	New Maintenance
Intra Spreads								
British Pound (BP) - Contracts 9+ vs. 9+ (E-MICRO GBP/USD FUTURES)								
M6B	Spec		Increase	USD	36	33	55	50
M6B	Hedge/Member		Increase	USD	33	33	50	50
Euro FX (EC) - Contracts 1-4 vs. 5-8 (E-MICRO EUR/USD FUTURES)								
M6E	Spec		Increase	USD	31	28	35	32
M6E	Hedge/Member		Increase	USD	28	28	32	32
Euro FX (EC) - Contracts 1-4 vs. 5-8 (E-MINI EURO FX FUTURE)								
E7	Spec		Increase	USD	154	140	176	160
E7	Hedge/Member		Increase	USD	140	140	160	160
Euro FX (EC) - Contracts 1-4 vs. 5-8 (EURO FUTURE)								
EC	Spec		Increase	USD	308	280	352	320
EC	Hedge/Member		Increase	USD	280	280	320	320
Euro FX (EC) - Contracts 5-8 vs. 5-8 (E-MICRO EUR/USD FUTURES)								
M6E	Spec		Increase	USD	31	28	35	32
M6E	Hedge/Member		Increase	USD	28	28	32	32
Euro FX (EC) - Contracts 5-8 vs. 5-8 (E-MINI EURO FX FUTURE)								
E7	Spec		Increase	USD	154	140	176	160
E7	Hedge/Member		Increase	USD	140	140	160	160
Euro FX (EC) - Contracts 5-8 vs. 5-8 (EURO FUTURE)								
EC	Spec		Increase	USD	308	280	352	320
EC	Hedge/Member		Increase	USD	280	280	320	320
Japanese Yen (JY) - Contract 1-4 vs. 5-8 (E-MICRO JPY/USD)								
MJY	Spec		Increase	USD	24	22	31	29
MJY	Hedge/Member		Increase	USD	22	22	29	29
Japanese Yen (JY) - Contract 1-4 vs. 5-8 (E-MINI J-YEN FUTURE)								
J7	Spec		Increase	USD	121	110	157	143
J7	Hedge/Member		Increase	USD	110	110	143	143
Japanese Yen (JY) - Contract 1-4 vs. 5-8 (JAPANESE YEN FUTURES)								
JY	Spec		Increase	USD	242	220	314	285
JY	Hedge/Member		Increase	USD	220	220	285	285
Japanese Yen (JY) - Contract 1-4 vs. 9+ (E-MICRO JPY/USD)								
MJY	Spec		Increase	USD	66	60	74	68
MJY	Hedge/Member		Increase	USD	60	60	68	68

SPAN MINIMUM PERFORMANCE BOND REQUIREMENTS

CC	Rate Type	Description	Change	ISO	Current Initial	Current Maintenance	New Initial	New Maintenance
Intra Spreads								
Japanese Yen (JY) - Contract 1-4 vs. 9+ (E-MINI J-YEN FUTURE)								
J7	Spec		Increase	USD	330	300	371	338
J7	Hedge/Member		Increase	USD	300	300	338	338
Japanese Yen (JY) - Contract 1-4 vs. 9+ (JAPANESE YEN FUTURES)								
JY	Spec		Increase	USD	660	600	743	675
JY	Hedge/Member		Increase	USD	600	600	675	675
Japanese Yen (JY) - Contracts 5-8 vs. 5-8 (E-MICRO JPY/USD)								
MJY	Spec		Increase	USD	19	18	22	20
MJY	Hedge/Member		Increase	USD	18	18	20	20
Japanese Yen (JY) - Contracts 5-8 vs. 5-8 (E-MINI J-YEN FUTURE)								
J7	Spec		Increase	USD	96	88	110	100
J7	Hedge/Member		Increase	USD	88	88	100	100
Japanese Yen (JY) - Contracts 5-8 vs. 5-8 (JAPANESE YEN FUTURES)								
JY	Spec		Increase	USD	193	175	220	200
JY	Hedge/Member		Increase	USD	175	175	200	200
Japanese Yen (JY) - Contracts 5-8 vs. 9+ (E-MICRO JPY/USD)								
MJY	Spec		Increase	USD	66	60	74	68
MJY	Hedge/Member		Increase	USD	60	60	68	68
Japanese Yen (JY) - Contracts 5-8 vs. 9+ (E-MINI J-YEN FUTURE)								
J7	Spec		Increase	USD	330	300	371	338
J7	Hedge/Member		Increase	USD	300	300	338	338
Japanese Yen (JY) - Contracts 5-8 vs. 9+ (JAPANESE YEN FUTURES)								
JY	Spec		Increase	USD	660	600	743	675
JY	Hedge/Member		Increase	USD	600	600	675	675
Japanese Yen (JY) - Contracts 9+ vs. 9+ (E-MICRO JPY/USD)								
MJY	Spec		Increase	USD	66	60	74	68
MJY	Hedge/Member		Increase	USD	60	60	68	68
Japanese Yen (JY) - Contracts 9+ vs. 9+ (E-MINI J-YEN FUTURE)								
J7	Spec		Increase	USD	330	300	371	338
J7	Hedge/Member		Increase	USD	300	300	338	338
Japanese Yen (JY) - Contracts 9+ vs. 9+ (JAPANESE YEN FUTURES)								
JY	Spec		Increase	USD	660	600	743	675
JY	Hedge/Member		Increase	USD	600	600	675	675

SPAN MINIMUM PERFORMANCE BOND REQUIREMENTS

CC	Rate Type	Description	Change	ISO	Current Initial	Current Maintenance	New Initial	New Maintenance
Intra Spreads								
Swiss Franc (SF) - Contracts 1-4 vs. 1-4 (E-MICRO CHF/USD FUTURES)								
MSF	Spec		Decrease	USD	29	26	25	23
MSF	Hedge/Member		Decrease	USD	26	26	23	23
Swiss Franc (SF) - Contracts 1-4 vs. 1-4 (SWISS FRANC FUTURES)								
SF	Spec		Decrease	USD	286	260	248	225
SF	Hedge/Member		Decrease	USD	260	260	225	225
Swiss Franc (SF) - Contracts 1-4 vs. 5-8 (E-MICRO CHF/USD FUTURES)								
MSF	Spec		Decrease	USD	58	53	50	45
MSF	Hedge/Member		Decrease	USD	53	53	45	45
Swiss Franc (SF) - Contracts 1-4 vs. 5-8 (SWISS FRANC FUTURES)								
SF	Spec		Decrease	USD	578	525	495	450
SF	Hedge/Member		Decrease	USD	525	525	450	450
Swiss Franc (SF) - Contracts 1-4 vs. 9+ (E-MICRO CHF/USD FUTURES)								
MSF	Spec		Decrease	USD	132	120	110	100
MSF	Hedge/Member		Decrease	USD	120	120	100	100
Swiss Franc (SF) - Contracts 1-4 vs. 9+ (SWISS FRANC FUTURES)								
SF	Spec		Decrease	USD	1,320	1,200	1,100	1,000
SF	Hedge/Member		Decrease	USD	1,200	1,200	1,000	1,000
Swiss Franc (SF) - Contracts 5-8 vs. 5-8 (E-MICRO CHF/USD FUTURES)								
MSF	Spec		Decrease	USD	58	53	50	45
MSF	Hedge/Member		Decrease	USD	53	53	45	45
Swiss Franc (SF) - Contracts 5-8 vs. 5-8 (SWISS FRANC FUTURES)								
SF	Spec		Decrease	USD	578	525	495	450
SF	Hedge/Member		Decrease	USD	525	525	450	450
Swiss Franc (SF) - Contracts 5-8 vs. 9+ (E-MICRO CHF/USD FUTURES)								
MSF	Spec		Decrease	USD	132	120	110	100
MSF	Hedge/Member		Decrease	USD	120	120	100	100
Swiss Franc (SF) - Contracts 5-8 vs. 9+ (SWISS FRANC FUTURES)								
SF	Spec		Decrease	USD	1,320	1,200	1,100	1,000
SF	Hedge/Member		Decrease	USD	1,200	1,200	1,000	1,000
Swiss Franc (SF) - Contracts 9+ vs. 9+ (E-MICRO CHF/USD FUTURES)								
MSF	Spec		Decrease	USD	132	120	110	100
MSF	Hedge/Member		Decrease	USD	120	120	100	100

SPAN MINIMUM PERFORMANCE BOND REQUIREMENTS

CC	Rate Type	Description	Change	ISO	Current Initial	Current Maintenance	New Initial	New Maintenance
Intra Spreads								
Swiss Franc (SF) - Contracts 9+ vs. 9+ (SWISS FRANC FUTURES)								
SF	Spec		Decrease	USD	1,320	1,200	1,100	1,000
SF	Hedge/Member		Decrease	USD	1,200	1,200	1,000	1,000
USD/OFFSHORE RMB (CNH) FUTURES SPREAD TIER 1 vs. TIER 2 (E-MICRO USD/CNH FUTURES)								
MNH	Spec		Increase	CNH	330	300	638	580
MNH	Hedge/Member		Increase	CNH	300	300	580	580
USD/OFFSHORE RMB (CNH) FUTURES SPREAD TIER 1 vs. TIER 2 (USD/CNH FUTURES)								
CNH	Spec		Increase	CNH	3,300	3,000	6,380	5,800
CNH	Hedge/Member		Increase	CNH	3,000	3,000	5,800	5,800
NGL/PETROCHEMICALS - Intra Spreads								
Conway Propane (OPIS) Swap - All Months (CONWAY PROPANE 5 DEC. FUT)								
8K	Spec		Decrease	USD	2,475	2,250	1,980	1,800
8K	Hedge/Member		Decrease	USD	2,250	2,250	1,800	1,800
Mont Belvieu Isobutane (OPIS) Swap - All Months (MT BELVIEU ISO BUTANE 5 DEC. S)								
8I	Spec		Decrease	USD	1,430	1,300	1,100	1,000
8I	Hedge/Member		Decrease	USD	1,300	1,300	1,000	1,000
Mont Belvieu Natural Gasoline (OPIS) Swap - All Months (MONT BELVIEU NAT GAS (OPIS) FUT)								
W3	Spec		Decrease	USD	2,200	2,000	1,870	1,700
W3	Hedge/Member		Decrease	USD	2,000	2,000	1,700	1,700
Mont Belvieu Natural Gasoline (OPIS) Swap - All Months (MT BELVIEU NAT GAS 5 D. OPIS)								
7Q	Spec		Decrease	USD	2,200	2,000	1,870	1,700
7Q	Hedge/Member		Decrease	USD	2,000	2,000	1,700	1,700
Mont Belvieu Normal Butane (OPIS) Swap - All Months (BUTANE 5 DECIMAL)								
D0	Spec		Increase	USD	990	900	1,100	1,000
D0	Hedge/Member		Increase	USD	900	900	1,000	1,000
Mont Belvieu Normal Butane LDH (OPIS) Swap Futures - all months (MT BELVIEU NORMAL BUTANE LDH(OPIS))								
MNB	Spec		Increase	USD	1,210	1,100	1,540	1,400
MNB	Hedge/Member		Increase	USD	1,100	1,100	1,400	1,400
Mont Belvieu Spot Ethylene In-Well (PCW) Futures - All Months (MT BELVIEU ETHYLENE IN-WELL(PCW))								
MBE	Spec		Decrease	USD	2,640	2,400	2,090	1,900
MBE	Hedge/Member		Decrease	USD	2,400	2,400	1,900	1,900
PROPANE NON LDH MT BELVIEU - All Months (PROPANE NON LDH MT BELVIEU)								
1R	Spec		Increase	USD	550	500	660	600
1R	Hedge/Member		Increase	USD	500	500	600	600

SPAN MINIMUM PERFORMANCE BOND REQUIREMENTS

Rate Type	Change	Ratio	Current Initial	Current Maintenance	New Initial	New Maintenance
Inter-commodity Spread Rates						

ERIS Standards - Inter-commodity Spread Rates

3YR INTEREST RATE SWAP FUTURE ERIS (ZB9103 - CME) vs 5 YEAR INTEREST RATE SWAP DELIVERABLE FUTURE (F1U - CME)

Spread Credit Rate	Increase	+6:+5	50%	50%	65%	65%
Spread Credit Rate	Increase	+5:-2	50%	50%	65%	65%

3YR INTEREST RATE SWAP FUTURE ERIS (ZB9103 - CME) vs 5YR INTEREST RATE SWAP FUTURE ERIS (ZB9105 - CME)

Spread Credit Rate	Decrease	+5:-2	80%	80%	65%	65%
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4 YR INTEREST RATE SWAP FUTURE ERIS (ZB9104 - CME) vs 5 YEAR INTEREST RATE SWAP DELIVERABLE FUTURE (F1U - CME)

Spread Credit Rate	Increase	+1:+1	1%	1%	75%	75%
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4 YR INTEREST RATE SWAP FUTURE ERIS (ZB9104 - CME) vs 5YR INTEREST RATE SWAP FUTURE ERIS (ZB9105 - CME)

Spread Credit Rate	Decrease	+6:-5	90%	90%	75%	75%
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INTEREST RATES - Inter-commodity Spread Rates

3YR INTEREST RATE SWAP FUTURE ERIS (ZB9103 - CME) vs 5 YEAR INTEREST RATE SWAP DELIVERABLE FUTURE (F1U - CME)

Spread Credit Rate	Increase	+6:+5	50%	50%	65%	65%
Spread Credit Rate	Increase	+5:-2	50%	50%	65%	65%

4 YR INTEREST RATE SWAP FUTURE ERIS (ZB9104 - CME) vs 5 YEAR INTEREST RATE SWAP DELIVERABLE FUTURE (F1U - CME)

Spread Credit Rate	Increase	+1:+1	50%	50%	75%	75%
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REFINED PRODUCTS - Inter-commodity Spread Rates

NY HARBOR RBOB (BLENDSTOCK) GAS (NYM-RB, RL, RT) vs GASOLINE EURO-BOB OXY (ARGUS) NWE BARGES SWAP (NYM-7H - CME)

Spread Credit Rate	Decrease	+25:-3	89%	89%	65%	65%
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SPAN MINIMUM PERFORMANCE BOND REQUIREMENTS

Rate Type	<u>Tier Description</u>	Change	Current Initial	Current Maintenance	New Initial	New Maintenance
Volatility Scan (volScan) Rate						
METALS - Volatility Scan (volScan) Rate						
COPPER FUTURES (HG, HG0, HGT, HX, HXW, QC) - volScan						
Clearing Member Rate	Mnth1	Decrease		0.050		0.045
Clearing Member Rate	Mnth2	Decrease		0.040		0.038
Clearing Member Rate	Mnth3	Decrease		0.040		0.038
Clearing Member Rate	Mnth4	Decrease		0.040		0.038
SILVER FUTURES (6Q, QI, SI, SIL, SIT, SO, SOW) - volScan						
Clearing Member Rate	Mnths 1-4	Decrease		0.065		0.060