CME Group

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

FROM: CME Clearing

SUBJECT: Performance Bond Requirements

DATE: Thursday, January 12, 2017

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, January 13, 2017.

Current rates as of:

Thursday, January 12, 2017.

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	4,620	4,200	4,180	3,800
DC	Hedge/Member	Mnth1	Decrease	USD	4,200	4,200	3,800	3,800
LOOP CRUDE OIL STORAGE FUTURES (LPS)								
LPS	Spec	Mths 2-3	Decrease	USD	330	300	275	250
LPS	Hedge/Member	Mths 2-3	Decrease	USD	300	300	250	250
LPS	Spec	Mths 4+	Decrease	USD	220	200	165	150
LPS	Hedge/Member	Mths 4+	Decrease	USD	200	200	150	150
MINI DUBAI CRUDE OIL (PLATTS) FUT (DBL)								
DBL	Spec	Mnth1	Decrease	USD	462	420	418	380
DBL	Hedge/Member	Mnth1	Decrease	USD	420	420	380	380
CRUDE OIL SPREADS - Outright Rates								
ARGUS LLS VS. WTI (ARG) TRD M (E5)								
E5	Spec	Mnth 1	Decrease	USD	660	600	550	500
E5	Hedge/Member	Mnth 1	Decrease	USD	600	600	500	500
E5	Spec	Mnth 2	Decrease	USD	440	400	330	300
E5	Hedge/Member	Mnth 2	Decrease	USD	400	400	300	300
E5	Spec	Mnth 3+	Decrease	USD	440	400	330	300
E5	Hedge/Member	Mnth 3+	Decrease	USD	400	400	300	300
BRENT CRUDE OIL VS. DUBAI CRUDE OIL (DHI)								
DHI	Spec		Decrease	USD	4,950	4,500	2,200	2,000
DHI	Hedge/Member		Decrease	USD	4,500	4,500	2,000	2,000
BRENT CRUDE VS DUBAI CRUDE (DBI)								
DBI	Spec	Mnth 1	Decrease	USD	1,650	1,500	1,100	1,000
DBI	Hedge/Member	Mnth 1	Decrease	USD	1,500	1,500	1,000	1,000
CANADIAN HEAVYCRUDE(NET ENRGY) FUT (WCC)								
WCC	Spec	Mnths 1-2	Decrease	USD	1,210	1,100	770	700
WCC	Hedge/Member	Mnths 1-2	Decrease	USD	1,100	1,100	700	700
WCC	Spec	Mnths 3-6	Decrease	USD	1,210	1,100	770	700
WCC	Hedge/Member	Mnths 3-6	Decrease	USD	1,100	1,100	700	700
WCC	Spec	Mnths 7+	Decrease	USD	825	750	550	500
WCC	Hedge/Member	Mnths 7+	Decrease	USD	750	750	500	500
CANADIAN LIGHT SWEET OIL (CIL)								
CIL	Spec	Mnths 1-2	Decrease	USD	990	900	770	700
CIL	Hedge/Member	Mnths 1-2	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								
CIL	Spec	Mnths 3-6	Decrease	USD	880	800	660	600
CIL	Hedge/Member	Mnths 3-6	Decrease	USD	800	800	600	600
CIL	Spec	Mnths 7+	Decrease	USD	550	500	440	400
CIL	Hedge/Member	Mnths 7+	Decrease	USD	500	500	400	400
CLEARBROOK BAKKEN SWEET CRUDE OIL (CSW)								
CSW	Spec	Mnths 1-2	Decrease	USD	1,210	1,100	990	900
CSW	Hedge/Member	Mnths 1-2	Decrease	USD	1,100	1,100	900	900
CSW	Spec	Mnths 3-6	Decrease	USD	1,100	1,000	990	900
CSW	Hedge/Member	Mnths 3-6	Decrease	USD	1,000	1,000	900	900
CSW	Spec	Mnths 7+	Decrease	USD	1,100	1,000	770	700
CSW	Hedge/Member	Mnths 7+	Decrease	USD	1,000	1,000	700	700
DATED TO FRONTLINE BRENT CLNDR FUT (FY)								
FY	Spec	Mnths 2 - 3	Decrease	USD	385	350	330	300
FY	Hedge/Member	Mnths 2 - 3	Decrease	USD	350	350	300	300
MARS (ARGUS) V WTI FUT (YX)								
YX	Spec	Mnths 3+	Decrease	USD	550	500	440	400
YX	Hedge/Member	Mnths 3+	Decrease	USD	500	500	400	400
MARS (ARGUS) V WTI TRD MTH FUT (YV)								
YV	Spec	Mnths 4+	New	USD			440	400
YV	Hedge/Member	Mnths 4+	New	USD			400	400
WTI HOUSTON ARGUS V. WTI FINANCIAL (HIL)								
HIL	Spec	Mnth1	Decrease	USD	2,200	2,000	1,100	1,000
HIL	Hedge/Member	Mnth1	Decrease	USD	2,000	2,000	1,000	1,000
HIL	Spec	Mnth 2	Decrease	USD	1,100	1,000	440	400
HIL	Hedge/Member	Mnth 2	Decrease	USD	1,000	1,000	400	400
HIL	Spec	Mnths 3+	Decrease	USD	1,100	1,000	440	400
HIL	Hedge/Member	Mnths 3+	Decrease	USD	1,000	1,000	400	400
WTI HOUSTON ARGUS V.WTI TRADE MONTH (HTT)								
HTT	Spec	Mnth1	Decrease	USD	1,760	1,600	1,100	1,000
HTT	Hedge/Member	Mnth1	Decrease	USD	1,600	1,600	1,000	1,000
HTT	Spec	Mnth 2	Decrease	USD	880	800	440	400
HTT	Hedge/Member	Mnth 2	Decrease	USD	800	800	400	400
HTT	Spec	Mnths 3+	Decrease	USD	880	800	440	400
HTT	Hedge/Member	Mnths 3+	Decrease	USD	800	800	400	400

SPAN MINIMUM PERFORMANCE BOND REQUIREMENTS

CC	Rate Type	Description	Change	ISO	Current Initial	Current Maintenance	New Initial	New Maintenance
Outright Rates								
WTI MIDLAND (ARG) VS. WTI TRADE MTH (WTT)								
WTT	Spec	Mnth 1	Decrease	USD	2,750	2,500	1,375	1,250
WTT	Hedge/Member	Mnth 1	Decrease	USD	2,500	2,500	1,250	1,250
WTT	Spec	Mnths 2-3	Decrease	USD	1,100	1,000	550	500
WTT	Hedge/Member	Mnths 2-3	Decrease	USD	1,000	1,000	500	500
WTT	Spec	Mnths 4-7	Decrease	USD	880	800	440	400
WTT	Hedge/Member	Mnths 4-7	Decrease	USD	800	800	400	400
WTT	Spec	Mnths 8+	Decrease	USD	880	800	440	400
WTT	Hedge/Member	Mnths 8+	Decrease	USD	800	800	400	400
WTI MIDLAND(ARGUS) VS WTI FINCL FUT (FF)								
FF	Spec	Mnth1	Decrease	USD	2,640	2,400	1,320	1,200
FF	Hedge/Member	Mnth1	Decrease	USD	2,400	2,400	1,200	1,200
FF	Spec	Mnth 2	Decrease	USD	770	700	440	400
FF	Hedge/Member	Mnth 2	Decrease	USD	700	700	400	400
FF	Spec	Mnths 3+	Decrease	USD	385	350	275	250
FF	Hedge/Member	Mnths 3+	Decrease	USD	350	350	250	250
WTS (ARGUS) V WTI TRD MTH FUT (FH)								
FH	Spec	Mnth 1	Decrease	USD	880	800	660	600
FH	Hedge/Member	Mnth 1	Decrease	USD	800	800	600	600
FH	Spec	Mnths 2-3	Decrease	USD	440	400	330	300
FH	Hedge/Member	Mnths 2-3	Decrease	USD	400	400	300	300
WTS (ARGUS) VS. WTI FINANCIAL FUT (WTA)								
WTA	Spec	Mnth 1	Decrease	USD	4,675	4,250	1,650	1,500
WTA	Hedge/Member	Mnth 1	Decrease	USD	4,250	4,250	1,500	1,500
WTA	Spec	Mnths 2-3	Decrease	USD	2,530	2,300	1,100	1,000
WTA	Hedge/Member	Mnths 2-3	Decrease	USD	2,300	2,300	1,000	1,000
WTA	Spec	Mnths 4-7	Decrease	USD	2,200	2,000	825	750
WTA	Hedge/Member	Mnths 4-7	Decrease	USD	2,000	2,000	750	750
WTA	Spec	Mnths 8+	Decrease	USD	1,870	1,700	825	750
WTA	Hedge/Member	Mnths 8+	Decrease	USD	1,700	1,700	750	750

SPAN MINIMUM PERFORMANCE BOND REQUIREMENTS

CC	Rate Type	Description	Change	ISO	Current Initial	Current Maintenance	New Initial	New Maintenance
Outright Rates								
ELECTRICITY - Outright Rates								
AER-DAYTON HUB MONTHLY (VM)								
VM	Spec	Mnth 1	Increase	USD	6,600	6,000	7,260	6,600
VM	Hedge/Member	Mnth 1	Increase	USD	6,000	6,000	6,600	6,600
CAISO SP15 EZGNHUB5 MW P DAY A (9X)								
9X	Spec	Mnths 7-11	Increase	USD	193	175	220	200
9X	Hedge/Member	Mnths 7-11	Increase	USD	175	175	200	200
CAISO SP15 EZGNHUB5 PEAK CLN D (9Z)								
9Z	Spec	Days 7-14	Increase	USD	880	800	1,100	1,000
9Z	Hedge/Member	Days 7-14	Increase	USD	800	800	1,000	1,000
9Z	Spec	Days 15+	Increase	USD	880	800	1,100	1,000
9Z	Hedge/Member	Days 15+	Increase	USD	800	800	1,000	1,000
MISO INDIANA HUB OFF-PEAK MO FUT (EJ)								
EJ	Spec	Mnths 3-5	Increase	USD	2,750	2,500	3,300	3,000
EJ	Hedge/Member	Mnths 3-5	Increase	USD	2,500	2,500	3,000	3,000
NYISO ZONE A DA OP DAILY (ZAO)								
ZAO	Spec	Days 11-15	Increase	USD	33	30	44	40
ZAO	Hedge/Member	Days 11-15	Increase	USD	30	30	40	40
NYISO ZONE G 5MW D AH O PK (D2)								
D2	Spec	Mnth 1	Increase	USD	50	45	55	50
D2	Hedge/Member	Mnth 1	Increase	USD	45	45	50	50
NYISO ZONE J 5MW D AH O PK (D4)								
D4	Spec	Mnth 1	Increase	USD	44	40	50	45
D4	Hedge/Member	Mnth 1	Increase	USD	40	40	45	45
PJM BGE DA OFF-PEAK (R3)								
R3	Spec	Mnths 3-4	Increase	USD	28	25	33	30
R3	Hedge/Member	Mnths 3-4	Increase	USD	25	25	30	30
PJM COMED 5MW D AH O PK (D9)								
D9	Spec	Mnths 3-4	Increase	USD	22	20	28	25
D9	Hedge/Member	Mnths 3-4	Increase	USD	20	20	25	25
PJM MONTHLY (JM)								
JM	Spec	Mnth 1	Increase	USD	7,150	6,500	7,700	7,000
JM	Hedge/Member	Mnth 1	Increase	USD	6,500	6,500	7,000	7,000

SPAN MINIMUM PERFORMANCE BOND REQUIREMENTS

CC	Rate Type	Description	Change	ISO	Current Initial	Current Maintenance	New Initial	New Maintenance
Outright Rates								
PJM WES HUB PEAK CAL MON REAL TIME (L1)								
L1	Spec	Mth 1	Increase	USD	660	600	770	700
L1	Hedge/Member	Mth 1	Increase	USD	600	600	700	700
PJM WES HUB PEAK LMP 50 MW (4S)								
4S	Spec	Mth 1	Increase	USD	6,600	6,000	7,700	7,000
4S	Hedge/Member	Mth 1	Increase	USD	6,000	6,000	7,000	7,000

SPAN MINIMUM PERFORMANCE BOND REQUIREMENTS

CC	Rate Type	Description	Change	ISO	Current Initial	Current Maintenance	New Initial	New Maintenance
Outright Rates								
			FX - Outright Rates					
AD/CD FUTURES (AC)								
AC	Spec		Decrease	CAD	3,960	3,600	3,465	3,150
AC	Hedge/Member		Decrease	CAD	3,600	3,600	3,150	3,150
AD/JY FUTURES (AJ)								
AJ	Spec		Decrease	JPY	880,000	800,000	748,000	680,000
AJ	Hedge/Member		Decrease	JPY	800,000	800,000	680,000	680,000
AD/NE CROSS RATE FUTURES (AN)								
AN	Spec		Decrease	NZD	5,720	5,200	4,620	4,200
AN	Hedge/Member		Decrease	NZD	5,200	5,200	4,200	4,200
BPJY FUTURE (BY)								
BY	Spec		Decrease	JPY	990,000	900,000	836,000	760,000
BY	Hedge/Member		Decrease	JPY	900,000	900,000	760,000	760,000
BPSF FUTURE (BF)								
BF	Spec		Decrease	CHF	7,150	6,500	5,830	5,300
BF	Hedge/Member		Decrease	CHF	6,500	6,500	5,300	5,300
BRAZILIAN REAL FUTURES (BR)								
BR	Spec	Jan 17 - Dec 17	Decrease	USD	2,750	2,500	2,420	2,200
BR	Hedge/Member	Jan 17 - Dec 17	Decrease	USD	2,500	2,500	2,200	2,200
BRITISH POUND FUTURES (BP)								
BP	Spec		Decrease	USD	3,548	3,225	3,025	2,750
BP	Hedge/Member		Decrease	USD	3,225	3,225	2,750	2,750
CANADIAN DOLLAR FUTURES (CD)								
CD	Spec		Decrease	USD	1,705	1,550	1,540	1,400
CD	Hedge/Member		Decrease	USD	1,550	1,550	1,400	1,400
CD/JY FUTURES (CY)								
CY	Spec		Decrease	JPY	715,000	650,000	643,500	585,000
CY	Hedge/Member		Decrease	JPY	650,000	650,000	585,000	585,000
CZECH KORUNA/EURO CROSS RATE FUT (K)								
K	Spec		Decrease	EUR	1,925	1,750	1,540	1,400
K	Hedge/Member		Decrease	EUR	1,750	1,750	1,400	1,400
EC/AD CROSS RATE FUTURES (CA)								
CA	Spec		Decrease	AUD	5,143	4,675	4,620	4,200
CA	Hedge/Member		Decrease	AUD	4,675	4,675	4,200	4,200

SPAN MINIMUM PERFORMANCE BOND REQUIREMENTS

CC	Rate Type	Description	Change	ISO	Current Initial	Current Maintenance	New Initial	New Maintenance
Outright Rates								
EC/CD CROSS RATE FUTURE (CC)								
CC	Spec		Decrease	CAD	4,400	4,000	3,960	3,600
CC	Hedge/Member		Decrease	CAD	4,000	4,000	3,600	3,600
EC/NKR FUTURES (CN)								
CN	Spec		Decrease	NOK	28,050	25,500	24,200	22,000
CN	Hedge/Member		Decrease	NOK	25,500	25,500	22,000	22,000
E-MICRO CAD/USD FUTURES (MCD)								
MCD	Spec		Decrease	USD	171	155	154	140
MCD	Hedge/Member		Decrease	USD	155	155	140	140
E-MICRO EUR/USD FUTURES (M6E)								
M6E	Spec		Decrease	USD	336	305	303	275
M6E	Hedge/Member		Decrease	USD	305	305	275	275
E-MICRO GBP/USD FUTURES (M6B)								
M6B	Spec		Decrease	USD	355	323	303	275
M6B	Hedge/Member		Decrease	USD	323	323	275	275
E-MICRO INR/USD FUTURE (MIR)								
MIR	Spec		Decrease	USD	352	320	308	280
MIR	Hedge/Member		Decrease	USD	320	320	280	280
E-MICRO JPY/USD (MJY)								
MJY	Spec		Decrease	USD	495	450	440	400
MJY	Hedge/Member		Decrease	USD	450	450	400	400
E-MINI EURO FX FUTURE (E7)								
E7	Spec		Decrease	USD	1,678	1,525	1,513	1,375
E7	Hedge/Member		Decrease	USD	1,525	1,525	1,375	1,375
E-MINI J-YEN FUTURE (J7)								
J7	Spec		Decrease	USD	2,475	2,250	2,200	2,000
J7	Hedge/Member		Decrease	USD	2,250	2,250	2,000	2,000
EURO FUTURE (EC)								
EC	Spec		Decrease	USD	3,355	3,050	3,025	2,750
EC	Hedge/Member		Decrease	USD	3,050	3,050	2,750	2,750
EURO FX/BP FUTURE (RP)								
RP	Spec		Decrease	GBP	3,520	3,200	2,970	2,700
RP	Hedge/Member		Decrease	GBP	3,200	3,200	2,700	2,700

SPAN MINIMUM PERFORMANCE BOND REQUIREMENTS

CC	Rate Type	Description	Change	ISO	Current Initial	Current Maintenance	New Initial	New Maintenance
Outright Rates								
EURO FX/JY FUTURE (RY)								
RY	Spec		Decrease	JPY	627,000	570,000	550,000	500,000
RY	Hedge/Member		Decrease	JPY	570,000	570,000	500,000	500,000
EURO FX/SF FUTURES (RF)								
RF	Spec		Decrease	CHF	3,300	3,000	2,750	2,500
RF	Hedge/Member		Decrease	CHF	3,000	3,000	2,500	2,500
EURO\RENMINBI FUTURE (RME)								
RME	Spec		Decrease	EUR	6,490	5,900	5,830	5,300
RME	Hedge/Member		Decrease	EUR	5,900	5,900	5,300	5,300
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
JAPANESE YEN FUTURES (JY)								
JY	Spec		Decrease	USD	4,950	4,500	4,400	4,000
JY	Hedge/Member		Decrease	USD	4,500	4,500	4,000	4,000
POLISH ZLOTY/EURO CROSS RATE FUT (Z)								
Z	Spec		Decrease	EUR	2,420	2,200	2,035	1,850
Z	Hedge/Member		Decrease	EUR	2,200	2,200	1,850	1,850
RU RUSSIAN RUBLE FUTURES (RU)								
RU	Spec	Jan 17 - Dec 17	Decrease	USD	4,675	4,250	4,125	3,750
RU	Hedge/Member	Jan 17 - Dec 17	Decrease	USD	4,250	4,250	3,750	3,750
SFJY FUTURES (SJ)								
SJ	Spec		Decrease	JPY	1,122,000	1,020,000	962,500	875,000
SJ	Hedge/Member		Decrease	JPY	1,020,000	1,020,000	875,000	875,000
U.S. DOLLAR TURKISH LIRA FUTURES (TRY)								
TRY	Spec		Increase	TRY	24,420	22,200	28,050	25,500
TRY	Hedge/Member		Increase	TRY	22,200	22,200	25,500	25,500

SPAN MINIMUM PERFORMANCE BOND REQUIREMENTS

CC	Rate Type	Description	Change	ISO	Current Initial	Current Maintenance	New Initial	New Maintenance
Outright Rates								
METALS - Outright Rates								
ALUMINIUM EURO PREM DUTY-PAID FUT (EDP)								
EDP	Spec	Mth 1	Decrease	USD	259	235	193	175
EDP	Hedge/Member	Mth 1	Decrease	USD	235	235	175	175
EDP	Spec	Mths 2-9	Decrease	USD	259	235	193	175
EDP	Hedge/Member	Mths 2-9	Decrease	USD	235	235	175	175
EDP	Spec	Mths 10+	Decrease	USD	259	235	193	175
EDP	Hedge/Member	Mths 10+	Decrease	USD	235	235	175	175
ALUMINIUM EURO PREM METAL BULLETIN (AEP)								
AEP	Spec	Mth 1	Decrease	USD	165	150	138	125
AEP	Hedge/Member	Mth 1	Decrease	USD	150	150	125	125
AEP	Spec	Mths 2-9	Decrease	USD	165	150	138	125
AEP	Hedge/Member	Mths 2-9	Decrease	USD	150	150	125	125
AEP	Spec	Mths 10+	Decrease	USD	165	150	138	125
AEP	Hedge/Member	Mths 10+	Decrease	USD	150	150	125	125
ALUMINUM JAPAN PREMIUM (PLATTS) FUT (MJP)								
MJP	Spec	Mth 1	Decrease	USD	209	190	187	170
MJP	Hedge/Member	Mth 1	Decrease	USD	190	190	170	170
MJP	Spec	Mths 2-9	Decrease	USD	209	190	187	170
MJP	Hedge/Member	Mths 2-9	Decrease	USD	190	190	170	170
MJP	Spec	Mths 10+	Decrease	USD	209	190	187	170
MJP	Hedge/Member	Mths 10+	Decrease	USD	190	190	170	170
ALUMINUM MW TRANS PREM PLATTS SWAPS (AUP)								
AUP	Spec	Mth 1	Decrease	USD	396	360	352	320
AUP	Hedge/Member	Mth 1	Decrease	USD	360	360	320	320
AUP	Spec	Mths 2-9	Decrease	USD	363	330	319	290
AUP	Hedge/Member	Mths 2-9	Decrease	USD	330	330	290	290
AUP	Spec	Mths 10+	Decrease	USD	363	330	319	290
AUP	Hedge/Member	Mths 10+	Decrease	USD	330	330	290	290

SPAN MINIMUM PERFORMANCE BOND REQUIREMENTS

CC	Rate Type	Description	Change	ISO	Current Initial	Current Maintenance	New Initial	New Maintenance
Outright Rates								
GOLD KILO FUTURES (GCK)								
GCK	Spec	Mnth1	Decrease	USD	2,126	1,933	1,910	1,736
GCK	Hedge/Member	Mnth1	Decrease	USD	1,933	1,933	1,736	1,736
GCK	Spec	Mnth2	Decrease	USD	2,126	1,933	1,910	1,736
GCK	Hedge/Member	Mnth2	Decrease	USD	1,933	1,933	1,736	1,736
GCK	Spec	Mnth3	Decrease	USD	2,126	1,933	1,910	1,736
GCK	Hedge/Member	Mnth3	Decrease	USD	1,933	1,933	1,736	1,736
GCK	Spec	Mnth4	Decrease	USD	2,126	1,933	1,910	1,736
GCK	Hedge/Member	Mnth4	Decrease	USD	1,933	1,933	1,736	1,736
GCK	Spec	Mnth5	Decrease	USD	2,126	1,933	1,910	1,736
GCK	Hedge/Member	Mnth5	Decrease	USD	1,933	1,933	1,736	1,736
GCK	Spec	Mnth6	Decrease	USD	2,126	1,933	1,910	1,736
GCK	Hedge/Member	Mnth6	Decrease	USD	1,933	1,933	1,736	1,736
GCK	Spec	Mnth7	Decrease	USD	2,126	1,933	1,910	1,736
GCK	Hedge/Member	Mnth7	Decrease	USD	1,933	1,933	1,736	1,736
GCK	Spec	Mnth8+	Decrease	USD	2,126	1,933	1,910	1,736
GCK	Hedge/Member	Mnth8+	Decrease	USD	1,933	1,933	1,736	1,736
LONDON SPOT GOLD FUTURES (GSP)								
GSP	Spec	All Contracts	Decrease	USD	6,600	6,000	5,940	5,400
GSP	Hedge/Member	All Contracts	Decrease	USD	6,000	6,000	5,400	5,400
NATURAL GAS - Outright Rates								
TRANSCO ZONE 3 BASIS (CZ)								
CZ	Spec	Mths 13+	Increase	USD	77	70	110	100
CZ	Hedge/Member	Mths 13+	Increase	USD	70	70	100	100

SPAN MINIMUM PERFORMANCE BOND REQUIREMENTS

CC	Rate Type	Description	Change	ISO	Current Initial	Current Maintenance	New Initial	New Maintenance
Outright Rates								
NGL/PETROCHEMICALS - Outright Rates								
MT BELVIEU ISO BUTANE 5 DEC. S (8I)								
8I	Spec	Mnth 1	Increase	USD	3,135	2,850	3,740	3,400
8I	Hedge/Member	Mnth 1	Increase	USD	2,850	2,850	3,400	3,400
8I	Spec	Mnths 2-6	Increase	USD	2,200	2,000	2,640	2,400
8I	Hedge/Member	Mnths 2-6	Increase	USD	2,000	2,000	2,400	2,400
8I	Spec	Mnths 7+	Increase	USD	1,870	1,700	2,200	2,000
8I	Hedge/Member	Mnths 7+	Increase	USD	1,700	1,700	2,000	2,000
MT BELVIEU NORMAL BUTANE LDH(OPIS) (MNB)								
MNB	Spec		Increase	USD	2,530	2,300	3,190	2,900
MNB	Hedge/Member		Increase	USD	2,300	2,300	2,900	2,900
PGP POLYMER GRD PROPYLENE CAL FUT (PGP)								
PGP	Spec	Mth 1	Increase	USD	2,200	2,000	2,970	2,700
PGP	Hedge/Member	Mth 1	Increase	USD	2,000	2,000	2,700	2,700
PGP	Spec	Mth 2+	Increase	USD	2,420	2,200	2,970	2,700
PGP	Hedge/Member	Mth 2+	Increase	USD	2,200	2,200	2,700	2,700
PETROLEUM CRACKS AND SPREADS - Outright Rates								
EUR1%FUEL OIL CARG FOB MED V FOBNWE (ENS)								
ENS	Spec	Mth 1	Increase	USD	1,870	1,700	2,640	2,400
ENS	Hedge/Member	Mth 1	Increase	USD	1,700	1,700	2,400	2,400
WEATHER - Outright Rates								
AMSTERDAM HDD MONTHLY FUTURES (D2)								
D2	Spec		Increase	EUR	7%	7%	9%	8%
D2	Hedge/Member		Increase	EUR	7%	7%	8%	8%
CINCINNATI HDD FUTURE (H3)								
H3	Spec		Increase	USD	12%	11%	14%	13%
H3	Hedge/Member		Increase	USD	11%	11%	13%	13%
LONDON MONTHLY HDD FUTURES (D0)								
D0	Spec		Increase	GBP	8%	7%	9%	8%
D0	Hedge/Member		Increase	GBP	7%	7%	8%	8%
SACRAMENTO MONTHLY HDD FUTURES (HS)								
HS	Spec		Increase	USD	12%	11%	14%	13%
HS	Hedge/Member		Increase	USD	11%	11%	13%	13%

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 2 vs Months 6+ (FEEDER CATTLE FUTURES)								
FC	Spec		Increase	USD	880	800	1,320	1,200
FC	Hedge/Member		Increase	USD	800	800	1,200	1,200
Month 2 vs Months 6+ (FEEDER CATTLE TRADE AT SETTLE)								
GFT	Spec		Increase	USD	880	800	1,320	1,200
GFT	Hedge/Member		Increase	USD	800	800	1,200	1,200
Month 2 vs Months 6+ (LIVE CATTLE FUTURES)								
LC	Spec		Increase	USD	880	800	1,320	1,200
LC	Hedge/Member		Increase	USD	800	800	1,200	1,200
Month 2 vs Months 6+ (LIVE CATTLE TRADE AT SETTLEMENT)								
LET	Spec		Increase	USD	880	800	1,320	1,200
LET	Hedge/Member		Increase	USD	800	800	1,200	1,200
Month 3 vs Months 6+ (FEEDER CATTLE FUTURES)								
FC	Spec		Increase	USD	770	700	1,155	1,050
FC	Hedge/Member		Increase	USD	700	700	1,050	1,050
Month 3 vs Months 6+ (FEEDER CATTLE TRADE AT SETTLE)								
GFT	Spec		Increase	USD	770	700	1,155	1,050
GFT	Hedge/Member		Increase	USD	700	700	1,050	1,050
Month 3 vs Months 6+ (LIVE CATTLE FUTURES)								
LC	Spec		Increase	USD	660	600	990	900
LC	Hedge/Member		Increase	USD	600	600	900	900
Month 3 vs Months 6+ (LIVE CATTLE TRADE AT SETTLEMENT)								
LET	Spec		Increase	USD	660	600	990	900
LET	Hedge/Member		Increase	USD	600	600	900	900
Month 4 vs Months 6+ (FEEDER CATTLE FUTURES)								
FC	Spec		Increase	USD	715	650	990	900
FC	Hedge/Member		Increase	USD	650	650	900	900
Month 4 vs Months 6+ (FEEDER CATTLE TRADE AT SETTLE)								
GFT	Spec		Increase	USD	715	650	990	900
GFT	Hedge/Member		Increase	USD	650	650	900	900
Month 4 vs Months 6+ (LIVE CATTLE FUTURES)								
LC	Spec		Increase	USD	495	450	715	650
LC	Hedge/Member		Increase	USD	450	450	650	650

SPAN MINIMUM PERFORMANCE BOND REQUIREMENTS

CC	Rate Type	Description	Change	ISO	Current Initial	Current Maintenance	New Initial	New Maintenance
Intra Spreads								
Month 4 vs Months 6+ (LIVE CATTLE TRADE AT SETTLEMENT)								
LET	Spec		Increase	USD	495	450	715	650
LET	Hedge/Member		Increase	USD	450	450	650	650
Month 5 vs Months 6+ (LIVE CATTLE FUTURES)								
LC	Spec		Increase	USD	440	400	660	600
LC	Hedge/Member		Increase	USD	400	400	600	600
Month 5 vs Months 6+ (LIVE CATTLE TRADE AT SETTLEMENT)								
LET	Spec		Increase	USD	440	400	660	600
LET	Hedge/Member		Increase	USD	400	400	600	600
NGL/PETROCHEMICALS - Intra Spreads								
Mont Belvieu Isobutane (OPIS) Swap - All Months (MT BELVIEU ISO BUTANE 5 DEC. S)								
8I	Spec		Increase	USD	1,705	1,550	2,200	2,000
8I	Hedge/Member		Increase	USD	1,550	1,550	2,000	2,000
Mont Belvieu Natural Gasoline (OPIS) Swap - All Months (MONT BELVIEU NAT GAS (OPIS) FUT)								
W3	Spec		Increase	USD	1,870	1,700	2,200	2,000
W3	Hedge/Member		Increase	USD	1,700	1,700	2,000	2,000
Mont Belvieu Natural Gasoline (OPIS) Swap - All Months (MT BELVIEU NAT GAS 5 D. OPIS)								
7Q	Spec		Increase	USD	1,870	1,700	2,200	2,000
7Q	Hedge/Member		Increase	USD	1,700	1,700	2,000	2,000
Mont Belvieu Normal Butane LDH (OPIS) Swap Futures - all months (MT BELVIEU NORMAL BUTANE LDH(OPIS))								
MNB	Spec		Increase	USD	1,540	1,400	2,200	2,000
MNB	Hedge/Member		Increase	USD	1,400	1,400	2,000	2,000
MONT BELVIEU PHYSICAL ISO-BUTANE (OPIS) - All Months (MT. BLVU PHSCL ISOBUTANE OPIS)								
3L	Spec		Increase	USD	1,100	1,000	2,200	2,000
3L	Hedge/Member		Increase	USD	1,000	1,000	2,000	2,000
MONT BELVIEU PHYSICAL NON-LDH PROPANE (OPIS) - All Months (MT. BLVU PHSCL NONLDH PN OPIS)								
3P	Spec		Increase	USD	1,100	1,000	2,200	2,000
3P	Hedge/Member		Increase	USD	1,000	1,000	2,000	2,000
MONT BELVIEU PHYSICAL NORMAL BUTANE (OPIS) - All Months (MT. BLVU PHSCL NRML BUTAN OPIS)								
3M	Spec		Increase	USD	1,210	1,100	2,200	2,000
3M	Hedge/Member		Increase	USD	1,100	1,100	2,000	2,000
Mt Belvieu Propane (OPIS) Swap - All Months (MT. BLVU PHSCL LDH PROPAN OPIS)								
3N	Spec		Increase	USD	440	400	880	800
3N	Hedge/Member		Increase	USD	400	400	800	800

SPAN MINIMUM PERFORMANCE BOND REQUIREMENTS

CC	Rate Type	Description	Change	ISO	Current Initial	Current Maintenance	New Initial	New Maintenance
Intra Spreads								
WEATHER - Intra Spreads								
Amsterdam HDD Monthly (D2) - All Months (AMSTERDAM HDD MONTHLY FUTURES)								
D2	Spec		Increase	EUR	220	200	330	300
D2	Hedge/Member		Increase	EUR	200	200	300	300
London HDD Monthly (D0) - All Months (LONDON MONTHLY HDD FUTURES)								
D0	Spec		Increase	GBP	220	200	330	300
D0	Hedge/Member		Increase	GBP	200	200	300	300
New York HDD Monthly (H4) - All Months (NEW YORK HDD FUTURE)								
H4	Spec		Increase	USD	220	200	1,650	1,500
H4	Hedge/Member		Increase	USD	200	200	1,500	1,500

SPAN MINIMUM PERFORMANCE BOND REQUIREMENTS

Rate Type	Change	Ratio	Current Initial	Current Maintenance	New Initial	New Maintenance

Inter-commodity Spread Rates

COAL - Inter-commodity Spread Rates

COAL (API 2) CIF ARA (ARGUS/MCCLOSKEY) SWAP FUTURESS (NY-MTF - CME) vs DUBAI CRUDE OIL (PLATTS) CALENDAR SWAP FUTURES (NY-DC - CME)

Rate Type	Change	Ratio	Current Initial	Current Maintenance	New Initial	New Maintenance
Spread Credit Rate	Decrease	+1:-1	45%	45%	30%	30%

COAL (API 2) CIF ARA (ARGUS/MCCLOSKEY) SWAP FUTURESS (NY-MTF - CME) vs GULF COAST UNL 87 (PLATTS) CALENDAR SWAP FUTURES (NY-GS - CME)

Rate Type	Change	Ratio	Current Initial	Current Maintenance	New Initial	New Maintenance
Spread Credit Rate	Decrease	+1:-1	25%	25%	0%	0%

COAL (API 8) CFR SOUTH CHINA (ARGUS/MCCLOSKEY) SWAP FUTURES (NY-SSI - CME) vs COAL (API 5) FOB NEWCASTLE (ARGUS/MCCLOSKEY) FUTURES (NY-ACM - CME)

Rate Type	Change	Ratio	Current Initial	Current Maintenance	New Initial	New Maintenance
Spread Credit Rate	Increase	+1:-1	60%	60%	68%	68%

COAL API4 RCH BAY ARGS MCCLOSKY FUT (NY-MTF - CME) vs COAL API2 CIF ARA ARG-MCCLOSKY FUT (NY-MFF - CME): MTF Months 1 vs MFF Month 1

Rate Type	Change	Ratio	Current Initial	Current Maintenance	New Initial	New Maintenance
Spread Credit Rate	Increase	+1:-1	50%	50%	60%	60%

COAL API4 RCH BAY ARGS MCCLOSKY FUT (NY-MTF - CME) vs COAL API2 CIF ARA ARG-MCCLOSKY FUT (NY-MFF - CME): MTF Months 2 - 5 vs MFF Months 2 - 5

Rate Type	Change	Ratio	Current Initial	Current Maintenance	New Initial	New Maintenance
Spread Credit Rate	Increase	+1:-1	60%	60%	75%	75%

COAL API4 RCH BAY ARGS MCCLOSKY FUT (NY-MTF - CME) vs COAL API2 CIF ARA ARG-MCCLOSKY FUT (NY-MFF - CME): MTF Months 2 - 5 vs MFF Months 6+

Rate Type	Change	Ratio	Current Initial	Current Maintenance	New Initial	New Maintenance
Spread Credit Rate	Increase	+1:-1	60%	60%	70%	70%

COAL API4 RCH BAY ARGS MCCLOSKY FUT (NY-MTF - CME) vs COAL API2 CIF ARA ARG-MCCLOSKY FUT (NY-MFF - CME): MTF Months 6+ vs MFF Months 2 - 5

Rate Type	Change	Ratio	Current Initial	Current Maintenance	New Initial	New Maintenance
Spread Credit Rate	Increase	+1:-1	60%	60%	70%	70%

COAL API4 RCH BAY ARGS MCCLOSKY FUT (NY-MTF - CME) vs COAL API2 CIF ARA ARG-MCCLOSKY FUT (NY-MFF - CME): MTF Months 6+ vs MFF Months 6+

Rate Type	Change	Ratio	Current Initial	Current Maintenance	New Initial	New Maintenance
Spread Credit Rate	Increase	+1:-1	60%	60%	79%	79%

COPPER FUTURES (CX-HG - CME) vs COAL (API 4) FOB RICHARDS BAY (ARGUS/MCCLOSKEY) SWAP FUTURES (NY-MFF - CME)

Rate Type	Change	Ratio	Current Initial	Current Maintenance	New Initial	New Maintenance
Spread Credit Rate	Decrease	+1:-1	40%	40%	30%	30%

CRUDE OIL - Inter-commodity Spread Rates

COAL (API 2) CIF ARA (ARGUS/MCCLOSKEY) SWAP FUTURESS (NY-MTF - CME) vs DUBAI CRUDE OIL (PLATTS) CALENDAR SWAP FUTURES (NY-DC - CME)

Rate Type	Change	Ratio	Current Initial	Current Maintenance	New Initial	New Maintenance
Spread Credit Rate	Decrease	+1:-1	45%	45%	30%	30%

CRUDE OIL SPREADS - Inter-commodity Spread Rates

WTI MIDLAND (ARGUS) VS. WTI TRADE MONTH FUTURES (NY-WTT - CME) vs WTS (ARGUS) VS. WTI SPREAD CALENDAR SWAP FUTURES (NY-FF - CME)

Rate Type	Change	Ratio	Current Initial	Current Maintenance	New Initial	New Maintenance
Spread Credit Rate	New	+1:-1			80%	80%

SPAN MINIMUM PERFORMANCE BOND REQUIREMENTS

Rate Type	Change	Ratio	Current Initial	Current Maintenance	New Initial	New Maintenance
Inter-commodity Spread Rates						
METALS - Inter-commodity Spread Rates						
COPPER FUTURES (CX-HG - CME) vs COAL (API 4) FOB RICHARDS BAY (ARGUS/MCCLOSKEY) SWAP FUTURES (NY-MFF - CME)						
Spread Credit Rate	Decrease	+1:-1	40%	40%	30%	30%
NATURAL GAS - Inter-commodity Spread Rates						
HENRY HUB NATURAL GAS FUTURES (NY-NG - CME) vs PGP POLYMER GRADE PROPYLENE (PCW) CALENDAR SWAP FUTURES (NY-PGP - CME)						
Spread Credit Rate	Decrease	+1:-1	35%	35%	15%	15%

SPAN MINIMUM PERFORMANCE BOND REQUIREMENTS

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

NGL/PETROCHEMICALS - Inter-commodity Spread Rates

ARGUS PROPANE (SAUDI ARAMCO) SWAP FUTURES (NY-9N - CME) vs SINGAPORE JET KEROSENE (PLATTS) SWAP FUTURES (NY-KS - CME)

Spread Credit Rate	Decrease	+1:-1	55%	55%	45%	45%

CONWAY NORMAL BUTANE (OPIS) SWAP FUTURES (NY-8M - CME) vs MONT BELVIEU ISO-BUTANE 5 DECIMALS (OPIS) SWAP FUTURES (NY-8I - CME)

Spread Credit Rate	Decrease	+1:-1	65%	65%	55%	55%

CONWAY NORMAL BUTANE (OPIS) SWAP FUTURES (NY-8M - CME) vs MONT BELVIEU NORMAL BUTANE 5 DECIMALS (OPIS) SWAP FUTURES (NY-D0 - CME)

Spread Credit Rate	Decrease	+1:-1	60%	60%	55%	55%

CONWAY NORMAL BUTANE (OPIS) SWAP FUTURES (NY-8M - CME) vs SINGAPORE JET KEROSENE (PLATTS) SWAP FUTURES (NY-KS - CME)

Spread Credit Rate	Decrease	+1:-1	60%	60%	55%	55%

HENRY HUB NATURAL GAS FUTURES (NY-NG - CME) vs PGP POLYMER GRADE PROPYLENE (PCW) CALENDAR SWAP FUTURES (NY-PGP - CME)

Spread Credit Rate	Decrease	+1:-1	35%	35%	15%	15%

LOS ANGELES CARB DIESEL (OPIS) OUTRIGHT SWAP FUTURES (NY-LX - CME) vs EUROPEAN PROPANE CIF ARA (ARGUS) SWAP FUTURES (NY-PS - CME)

Spread Credit Rate	Decrease	+1:-1	65%	65%	45%	45%

MONT BELVIEU LDH PROPANE 5 DECIMALS (OPIS) SWAP FUTURES (NY-B0 - CME) vs CONWAY NORMAL BUTANE (OPIS) SWAP FUTURES (NY-8M - CME)

Spread Credit Rate	Decrease	+1:-1	60%	60%	45%	45%

SPAN MINIMUM PERFORMANCE BOND REQUIREMENTS

Rate Type	Change	Ratio	Current Initial	Current Maintenance	New Initial	New Maintenance
Inter-commodity Spread Rates						
REFINED PRODUCTS - Inter-commodity Spread Rates						
ARGUS PROPANE (SAUDI ARAMCO) SWAP FUTURES (NY-9N - CME) vs SINGAPORE JET KEROSENE (PLATTS) SWAP FUTURES (NY-KS - CME)						
Spread Credit Rate	Decrease	+1:-1	55%	55%	45%	45%
COAL (API 2) CIF ARA (ARGUS/MCCLOSKEY) SWAP FUTURESS (NY-MTF - CME) vs GULF COAST UNL 87 (PLATTS) CALENDAR SWAP FUTURES (NY-GS - CME)						
Spread Credit Rate	Decrease	+1:-1	25%	25%	0%	0%
CONWAY NORMAL BUTANE (OPIS) SWAP FUTURES (NY-8M - CME) vs SINGAPORE JET KEROSENE (PLATTS) SWAP FUTURES (NY-KS - CME)						
Spread Credit Rate	Decrease	+1:-1	60%	60%	55%	55%
EUROPEAN 3.5% FUEL OIL (PLATTS) BARGES FOB RDAM CALENDAR SWAP FUTURES (NY-UV - CME) vs NEW YORK HARBOR RESIDUAL FUEL 1.0% (PLATTS) SWAP FUTURES (NY-MM - CME)						
Spread Credit Rate	Decrease	+3:-19	80%	80%	75%	75%
EUROPEAN 3.5% FUEL OIL ROTTERDAM CALENDAR SWAP (NYM-UV - CME) vs NY HARBOR RESIDUAL FUEL 1.0% SWAP (NYM-MM - CME)						
Spread Credit Rate	Decrease	+3:-19	80%	80%	75%	75%
GULF COAST ULSD (ARGUS) CALENDAR SWAP FUTURES (NY-AJ - CME) vs HEATING OIL CALENDAR SWAP FUTURES (NY-MP - CME)						
Spread Credit Rate	Increase	+1:-1	50%	50%	80%	80%
GULF COAST ULSD (ARGUS) CALENDAR SWAP FUTURES (NY-AJ - CME) vs NEW YORK HARBOR NO. 2 HEATING OIL FUTURES (NY-HO, BH, MP)						
Spread Credit Rate	Increase	+1:-1	50%	50%	80%	80%
HEATING OIL FINANCIAL FUTURES (NY-BH - CME) vs GULF COAST HEATING OIL (ARGUS) SWAP FUTURES (NY-4U - CME)						
Spread Credit Rate	New	+1:-1			80%	80%
Spread Credit Rate	New	+1:-1			70%	70%
HEATING OIL LAST DAY FINANCIAL FUTURES (NY-23 - CME) vs GULF COAST HEATING OIL (ARGUS) SWAP FUTURES (NY-4U - CME)						
Spread Credit Rate	New	+1:-1			80%	80%
Spread Credit Rate	New	+1:-1			70%	70%
LOS ANGELES CARB DIESEL (OPIS) OUTRIGHT SWAP FUTURES (NY-LX - CME) vs EUROPEAN PROPANE CIF ARA (ARGUS) SWAP FUTURES (NY-PS - CME)						
Spread Credit Rate	Decrease	+1:-1	65%	65%	45%	45%
NEW YORK HARBOR NO. 2 HEATING OIL FUTURES (NY-HO - CME) vs GULF COAST HEATING OIL (ARGUS) SWAP FUTURES (NY-4U - CME)						
Spread Credit Rate	New	+1:-1			80%	80%
Spread Credit Rate	New	+1:-1			70%	70%

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				
CASH SETTLED BUTTER (9R, CB, CB, DB, DB) - volScan						
Clearing Member Rate	Months 1-4	Decrease		0.060		0.050
CASH SETTLED CHEESE (CSC, CSC) - volScan						
Clearing Member Rate	Mnth 1	Decrease		0.070		0.060
Clearing Member Rate	Mnths 2-5	Decrease		0.040		0.030
Clearing Member Rate	Mnths 6+	Decrease		0.040		0.030
CORN (C, C, CDF, YC, ZCT) - volScan						
Clearing Member Rate	Months 2-5	Decrease		0.040		0.030
DRY WHEY (DY, DY) - volScan						
Clearing Member Rate	Month 1-2	Decrease		0.090		0.070
Clearing Member Rate	Month 3+	Decrease		0.060		0.040
LEAN HOG (9H1, HET, LN, LN) - volScan						
Clearing Member Rate		Increase		0.040		0.055
Clearing Member Rate		Increase		0.040		0.055
LIVE CATTLE (9K1, LC, LC, LET) - volScan						
Clearing Member Rate	Month 2	Decrease		0.030		0.020
Clearing Member Rate	Month 3	Decrease		0.030		0.020
Clearing Member Rate	Month 4	Decrease		0.030		0.020
Clearing Member Rate	Month 5	Decrease		0.030		0.020
Clearing Member Rate	Months 6+	Decrease		0.030		0.020
MILK CLASS III (9M1, DA, DA, JQ, JQ) - volScan						
Clearing Member Rate	Less than 14 days to	Decrease		0.060		0.050
Clearing Member Rate	Month 1	Decrease		0.060		0.050
Clearing Member Rate	Months 2-5	Decrease		0.040		0.030
NONFAT DRY MILK (NF, NF) - volScan						
Clearing Member Rate	Month 1-2	Decrease		0.070		0.050
Clearing Member Rate	Month 3+	Decrease		0.045		0.030
OATS (O, O) - volScan						
Clearing Member Rate		Increase		0.050		0.065
SOYBEAN OIL (07, 07, LDF, ZLT) - volScan						
Clearing Member Rate	Months 2-6	Decrease		0.045		0.035
SOYBEANS (S, S, SBT, SDF, SRS, YK) - volScan						
Clearing Member Rate	Months 2-4	Decrease		0.060		0.050
Clearing Member Rate	Months 7+	Decrease		0.025		0.020
Clearing Member Rate	Months 5-6	Decrease		0.040		0.030
WHEAT (W, W, WDF, YW, ZWT) - volScan						
Clearing Member Rate	Months 2-5	Decrease		0.040		0.030

SPAN MINIMUM PERFORMANCE BOND REQUIREMENTS

Rate Type	Tier Description	Change	Current Initial	Current Maintenance	New Initial	New Maintenance
Volatility Scan (volScan) Rate						
CRUDE OIL SPREADS - Volatility Scan (volScan) Rate						
MARS (ARGUS) VS. WTI SPREAD TRADE MONTH SWAP FUTURES (YV) - volScan						
Clearing Member Rate	Mnths 4+	New				20.000%
ETHANOL - Volatility Scan (volScan) Rate						
CHICAGO ETHANOL (PLATTS) SWAP FUTURES (CU, CVR) - volScan						
Clearing Member Rate	Mth 1	Decrease		0.050		0.040