



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

FROM: CME Clearing

SUBJECT: Performance Bond Requirements

DATE: Wednesday, March 22, 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>

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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, March 23, 2017.

Current rates as of:

Wednesday, March 22, 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.

This advisory includes changes to the Inter-Commodity Spread Tier structure for 30 Day Federal Funds Futures contracts. The specific change can be found on page 18 of the advisory.

SPAN MINIMUM PERFORMANCE BOND REQUIREMENTS

CC	Rate Type	Description	Change	ISO	Current Initial	Current Maintenance	New Initial	New Maintenance
Outright Rates								
AGRICULTURE - Outright Rates								
EU WHEAT FUTURES (WEU)								
WEU	Spec	Months 2-5	Increase	EUR	385	350	468	425
WEU	Hedge/Member	Months 2-5	Increase	EUR	350	350	425	425
WEU	Spec	Months 6+	Increase	EUR	363	330	440	400
WEU	Hedge/Member	Months 6+	Increase	EUR	330	330	400	400
CRUDE OIL - Outright Rates								
DUBAI CRUDE OIL (PLATTS) BALMO FUT (DDI)								
DDI	Spec	All Months	Decrease	USD	5,500	5,000	4,950	4,500
DDI	Hedge/Member	All Months	Decrease	USD	5,000	5,000	4,500	4,500
LOOP CRUDE OIL STORAGE FUTURES (LPS)								
LPS	Spec	Mth 1	Decrease	USD	275	250	248	225
LPS	Hedge/Member	Mth 1	Decrease	USD	250	250	225	225
LPS	Spec	Mths 4+	Decrease	USD	138	125	110	100
LPS	Hedge/Member	Mths 4+	Decrease	USD	125	125	100	100
REBCO CRUDE OIL FINANCIAL FUTS NYM (R2)								
R2	Spec		Decrease	USD	6,600	6,000	3,850	3,500
R2	Hedge/Member		Decrease	USD	6,000	6,000	3,500	3,500
WTS (ARGUS) FINANCIAL FUTURES (WTS)								
WTS	Spec	Mnth 1	Decrease	USD	4,400	4,000	3,960	3,600
WTS	Hedge/Member	Mnth 1	Decrease	USD	4,000	4,000	3,600	3,600
WTS	Spec	Mnth 2	Decrease	USD	3,960	3,600	3,740	3,400
WTS	Hedge/Member	Mnth 2	Decrease	USD	3,600	3,600	3,400	3,400
WTS	Spec	Mnths 3-6	Decrease	USD	3,740	3,400	3,520	3,200
WTS	Hedge/Member	Mnths 3-6	Decrease	USD	3,400	3,400	3,200	3,200
WTS	Spec	Mnths 7+	Decrease	USD	3,520	3,200	3,300	3,000
WTS	Hedge/Member	Mnths 7+	Decrease	USD	3,200	3,200	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								
CRUDE OIL SPREADS - Outright Rates								
ARGUS LLS VS. WTI (ARG) TRD M (E5)								
E5	Spec	Mnth 1	Decrease	USD	550	500	330	300
E5	Hedge/Member	Mnth 1	Decrease	USD	500	500	300	300
E5	Spec	Mnth 2	Decrease	USD	330	300	220	200
E5	Hedge/Member	Mnth 2	Decrease	USD	300	300	200	200
E5	Spec	Mnth 3+	Decrease	USD	330	300	220	200
E5	Hedge/Member	Mnth 3+	Decrease	USD	300	300	200	200
ARGUS SOUR CRD IDX VS WTI DIFF CAL (38)								
38	Spec		Decrease	USD	2,750	2,500	1,650	1,500
38	Hedge/Member		Decrease	USD	2,500	2,500	1,500	1,500
ARGUS SOUR CRUDE INDX VS WTI DIF FUT (36)								
36	Spec		Decrease	USD	2,200	2,000	1,650	1,500
36	Hedge/Member		Decrease	USD	2,000	2,000	1,500	1,500
BRENT (SPORE) VS DME OMAN (BDS)								
BDS	Spec	Mnth 1	Decrease	USD	2,200	2,000	1,100	1,000
BDS	Hedge/Member	Mnth 1	Decrease	USD	2,000	2,000	1,000	1,000
BDS	Spec	Mnths 2+	Decrease	USD	2,200	2,000	1,100	1,000
BDS	Hedge/Member	Mnths 2+	Decrease	USD	2,000	2,000	1,000	1,000
BRENT CFD PLATT VS BRNT 3RD MTH FUT (59)								
59	Spec		Increase	USD	1,650	1,500	1,925	1,750
59	Hedge/Member		Increase	USD	1,500	1,500	1,750	1,750
BRENT CRUDE OIL VS. DUBAI CRUDE OIL (DHI)								
DHI	Spec		Decrease	USD	2,200	2,000	1,375	1,250
DHI	Hedge/Member		Decrease	USD	2,000	2,000	1,250	1,250
BRENT CRUDE VS DUBAI CRUDE (DBI)								
DBI	Spec	Mnth 1	Decrease	USD	1,100	1,000	770	700
DBI	Hedge/Member	Mnth 1	Decrease	USD	1,000	1,000	700	700
DBI	Spec	Mnths 2-3	Decrease	USD	770	700	660	600
DBI	Hedge/Member	Mnths 2-3	Decrease	USD	700	700	600	600
DBI	Spec	Mnths 4-8	Decrease	USD	462	420	352	320
DBI	Hedge/Member	Mnths 4-8	Decrease	USD	420	420	320	320
DBI	Spec	Mnths 9+	Decrease	USD	407	370	352	320
DBI	Hedge/Member	Mnths 9+	Decrease	USD	370	370	320	320

SPAN MINIMUM PERFORMANCE BOND REQUIREMENTS

CC	Rate Type	Description	Change	ISO	Current Initial	Current Maintenance	New Initial	New Maintenance
Outright Rates								
CANADIAN HEAVYCRUDE(NET ENRGY) FUT (WCC)								
WCC	Spec	Mnths 1-2	Decrease	USD	770	700	605	550
WCC	Hedge/Member	Mnths 1-2	Decrease	USD	700	700	550	550
WCC	Spec	Mnths 3-6	Decrease	USD	770	700	605	550
WCC	Hedge/Member	Mnths 3-6	Decrease	USD	700	700	550	550
CANADIAN LIGHT SWEET OIL (CIL)								
CIL	Spec	Mnths 3-6	Decrease	USD	660	600	550	500
CIL	Hedge/Member	Mnths 3-6	Decrease	USD	600	600	500	500
CIL	Spec	Mnths 7+	Decrease	USD	440	400	330	300
CIL	Hedge/Member	Mnths 7+	Decrease	USD	400	400	300	300
DATED TO FRONTLINE BRENT CLNDR FUT (FY)								
FY	Spec	Mnth 1	Decrease	USD	1,815	1,650	880	800
FY	Hedge/Member	Mnth 1	Decrease	USD	1,650	1,650	800	800
FY	Spec	Mnths 2 - 3	Decrease	USD	330	300	275	250
FY	Hedge/Member	Mnths 2 - 3	Decrease	USD	300	300	250	250
DME OMAN CRUDE OIL VS ICE BRENT FUT (DBO)								
DBO	Spec	Mnth 1	Decrease	USD	1,650	1,500	1,320	1,200
DBO	Hedge/Member	Mnth 1	Decrease	USD	1,500	1,500	1,200	1,200
DME OMAN CRUDE VS DUBAI PLATTS FUT (DDO)								
DDO	Spec	Mnth 1	Decrease	USD	1,650	1,500	1,320	1,200
DDO	Hedge/Member	Mnth 1	Decrease	USD	1,500	1,500	1,200	1,200
DME OMAN CRUDE VS DUBIA PLATTS FUT (DPO)								
DPO	Spec	Mnth 1	Decrease	USD	1,650	1,500	1,320	1,200
DPO	Hedge/Member	Mnth 1	Decrease	USD	1,500	1,500	1,200	1,200
ICE BRENT DUBAI FUT (DB)								
DB	Spec	Mnth 1	Decrease	USD	1,540	1,400	880	800
DB	Hedge/Member	Mnth 1	Decrease	USD	1,400	1,400	800	800
DB	Spec	Mnths 2-3	Decrease	USD	550	500	385	350
DB	Hedge/Member	Mnths 2-3	Decrease	USD	500	500	350	350
DB	Spec	Mnths 4-8	Decrease	USD	385	350	330	300
DB	Hedge/Member	Mnths 4-8	Decrease	USD	350	350	300	300
DB	Spec	Mnths 9+	Decrease	USD	330	300	275	250
DB	Hedge/Member	Mnths 9+	Decrease	USD	300	300	250	250

SPAN MINIMUM PERFORMANCE BOND REQUIREMENTS

CC	Rate Type	Description	Change	ISO	Current Initial	Current Maintenance	New Initial	New Maintenance
Outright Rates								
ICE BRNT SPORE VS DME OMAN CRUD FUT (BSG)								
BSG	Spec	Mnth 1	Decrease	USD	2,200	2,000	1,650	1,500
BSG	Hedge/Member	Mnth 1	Decrease	USD	2,000	2,000	1,500	1,500
BSG	Spec	Mnths 2+	Decrease	USD	2,200	2,000	1,650	1,500
BSG	Hedge/Member	Mnths 2+	Decrease	USD	2,000	2,000	1,500	1,500
LLS (ARGUS) VS. BRENT BALMO FUT (LBB)								
LBB	Spec		Decrease	USD	4,950	4,500	2,750	2,500
LBB	Hedge/Member		Decrease	USD	4,500	4,500	2,500	2,500
LLS (ARGUS) VS. BRENT CRUDE OIL FIN (LLR)								
LLR	Spec	Mnth 1	Decrease	USD	2,750	2,500	1,650	1,500
LLR	Hedge/Member	Mnth 1	Decrease	USD	2,500	2,500	1,500	1,500
LLR	Spec	Mnths 2-3	Decrease	USD	2,200	2,000	1,100	1,000
LLR	Hedge/Member	Mnths 2-3	Decrease	USD	2,000	2,000	1,000	1,000
LLR	Spec	Mnths 4+	Decrease	USD	1,650	1,500	825	750
LLR	Hedge/Member	Mnths 4+	Decrease	USD	1,500	1,500	750	750
LLS (ARGUS) VS. WTI BALMO FUT (LWB)								
LWB	Spec		Decrease	USD	4,950	4,500	2,750	2,500
LWB	Hedge/Member		Decrease	USD	4,500	4,500	2,500	2,500
MARS (ARGUS) V WTI FUT (YX)								
YX	Spec	Mnth 1	Decrease	USD	1,650	1,500	1,320	1,200
YX	Hedge/Member	Mnth 1	Decrease	USD	1,500	1,500	1,200	1,200
YX	Spec	Mnth 2	Decrease	USD	770	700	385	350
YX	Hedge/Member	Mnth 2	Decrease	USD	700	700	350	350
YX	Spec	Mnths 3+	Decrease	USD	440	400	330	300
YX	Hedge/Member	Mnths 3+	Decrease	USD	400	400	300	300
MARS (ARGUS) V WTI TRD MTH FUT (YV)								
YV	Spec	Mnth 1	Decrease	USD	1,320	1,200	1,100	1,000
YV	Hedge/Member	Mnth 1	Decrease	USD	1,200	1,200	1,000	1,000
YV	Spec	Mnths 2-3	Decrease	USD	770	700	385	350
YV	Hedge/Member	Mnths 2-3	Decrease	USD	700	700	350	350
YV	Spec	Mnths 4+	Decrease	USD	440	400	330	300
YV	Hedge/Member	Mnths 4+	Decrease	USD	400	400	300	300
URALS MED VS DATED BRENT FUTURE (UMD)								
UMD	Spec	Mnth 1	Decrease	USD	1,320	1,200	1,100	1,000
UMD	Hedge/Member	Mnth 1	Decrease	USD	1,200	1,200	1,000	1,000

SPAN MINIMUM PERFORMANCE BOND REQUIREMENTS

CC	Rate Type	Description	Change	ISO	Current Initial	Current Maintenance	New Initial	New Maintenance
Outright Rates								
URALS NORTH VS MED DATED BRENT FUT (UNS)								
UNS	Spec	Mnth 1	Decrease	USD	1,320	1,200	1,100	1,000
UNS	Hedge/Member	Mnth 1	Decrease	USD	1,200	1,200	1,000	1,000
WTI HOUSTON (ARGUS) VS. WTI BALMO (HIB)								
HIB	Spec		Decrease	USD	2,750	2,500	2,200	2,000
HIB	Hedge/Member		Decrease	USD	2,500	2,500	2,000	2,000
WTI HOUSTON ARGUS V.WTI TRADE MONTH (HTT)								
HTT	Spec	Mnth1	Decrease	USD	1,100	1,000	660	600
HTT	Hedge/Member	Mnth1	Decrease	USD	1,000	1,000	600	600
HTT	Spec	Mnth 2	Decrease	USD	440	400	330	300
HTT	Hedge/Member	Mnth 2	Decrease	USD	400	400	300	300
HTT	Spec	Mnths 3+	Decrease	USD	440	400	330	300
HTT	Hedge/Member	Mnths 3+	Decrease	USD	400	400	300	300
WTI MIDLAND (ARG) VS. WTI TRADE MTH (WTT)								
WTT	Spec	Mnth 1	Decrease	USD	1,100	1,000	715	650
WTT	Hedge/Member	Mnth 1	Decrease	USD	1,000	1,000	650	650
WTT	Spec	Mnths 2-3	Decrease	USD	550	500	330	300
WTT	Hedge/Member	Mnths 2-3	Decrease	USD	500	500	300	300
WTT	Spec	Mnths 4-7	Decrease	USD	440	400	275	250
WTT	Hedge/Member	Mnths 4-7	Decrease	USD	400	400	250	250
WTT	Spec	Mnths 8+	Decrease	USD	440	400	275	250
WTT	Hedge/Member	Mnths 8+	Decrease	USD	400	400	250	250
WTI MIDLAND(ARGUS) VS WTI FINCL FUT (FF)								
FF	Spec	Mnth1	Decrease	USD	1,320	1,200	1,100	1,000
FF	Hedge/Member	Mnth1	Decrease	USD	1,200	1,200	1,000	1,000
FF	Spec	Mnth 2	Decrease	USD	440	400	330	300
FF	Hedge/Member	Mnth 2	Decrease	USD	400	400	300	300
FF	Spec	Mnths 3+	Decrease	USD	330	300	275	250
FF	Hedge/Member	Mnths 3+	Decrease	USD	300	300	250	250
WTS (ARGUS) V WTI TRD MTH FUT (FH)								
FH	Spec	Mnth 1	Decrease	USD	660	600	550	500
FH	Hedge/Member	Mnth 1	Decrease	USD	600	600	500	500
FH	Spec	Mnths 3-7	Decrease	USD	413	375	330	300
FH	Hedge/Member	Mnths 3-7	Decrease	USD	375	375	300	300
FH	Spec	Mnths 8+	Decrease	USD	413	375	330	300
FH	Hedge/Member	Mnths 8+	Decrease	USD	375	375	300	300

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

WTS (ARGUS) VS. WTI FINANCIAL FUT (WTA)

WTA	Spec	Mnth 1	Decrease	USD	1,650	1,500	1,100	1,000
WTA	Hedge/Member	Mnth 1	Decrease	USD	1,500	1,500	1,000	1,000
WTA	Spec	Mnths 2-3	Decrease	USD	1,100	1,000	770	700
WTA	Hedge/Member	Mnths 2-3	Decrease	USD	1,000	1,000	700	700
WTA	Spec	Mnths 4-7	Decrease	USD	825	750	660	600
WTA	Hedge/Member	Mnths 4-7	Decrease	USD	750	750	600	600
WTA	Spec	Mnths 8+	Decrease	USD	825	750	660	600
WTA	Hedge/Member	Mnths 8+	Decrease	USD	750	750	600	600

SPAN MINIMUM PERFORMANCE BOND REQUIREMENTS

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

ELECTRICITY - Outright Rates

ILLINOIS HUB PEAK MONTH FUT (OM)

OM	Spec	Mnth 1	Decrease	USD	550	500	330	300
OM	Hedge/Member	Mnth 1	Decrease	USD	500	500	300	300
OM	Spec	Mnths 2-6	Decrease	USD	330	300	248	225
OM	Hedge/Member	Mnths 2-6	Decrease	USD	300	300	225	225
OM	Spec	Mnths 7-11	Decrease	USD	165	150	138	125
OM	Hedge/Member	Mnths 7-11	Decrease	USD	150	150	125	125
OM	Spec	Mnths 12+	Decrease	USD	165	150	138	125
OM	Hedge/Member	Mnths 12+	Decrease	USD	150	150	125	125

ILLINOIS OFF-PEAK MONTH FUT (OJ)

OJ	Spec	Mnths 2-6	Decrease	USD	13	12	11	10
OJ	Hedge/Member	Mnths 2-6	Decrease	USD	12	12	10	10
OJ	Spec	Mnths 7-11	Decrease	USD	11	10	9	8
OJ	Hedge/Member	Mnths 7-11	Decrease	USD	10	10	8	8
OJ	Spec	Mnths 12+	Decrease	USD	11	10	9	8
OJ	Hedge/Member	Mnths 12+	Decrease	USD	10	10	8	8

MICHIGAN HUB OFF-PK 5MW MONTH FUT (HJ)

HJ	Spec	Mnth 1	Decrease	USD	22	20	17	15
HJ	Hedge/Member	Mnth 1	Decrease	USD	20	20	15	15

MICHIGAN HUB PK 5 MW FUT (HM)

HM	Spec	Mnths 3-11	Decrease	USD	237	215	165	150
HM	Hedge/Member	Mnths 3-11	Decrease	USD	215	215	150	150
HM	Spec	Mnth 12+	Decrease	USD	237	215	165	150
HM	Hedge/Member	Mnth 12+	Decrease	USD	215	215	150	150

MID IND TRAN SO IL HUB5MW OFFP (4R)

4R	Spec	Mnth 1	Decrease	USD	22	20	17	15
4R	Hedge/Member	Mnth 1	Decrease	USD	20	20	15	15
4R	Spec	Mnth 2	Decrease	USD	17	15	11	10
4R	Hedge/Member	Mnth 2	Decrease	USD	15	15	10	10
4R	Spec	Mnths 3-11	Decrease	USD	11	10	8	7
4R	Hedge/Member	Mnths 3-11	Decrease	USD	10	10	7	7
4R	Spec	Mnths 12+	Decrease	USD	11	10	8	7
4R	Hedge/Member	Mnths 12+	Decrease	USD	10	10	7	7

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

MID IND TRAN SO IL HUB5MW PEAK (4Q)

4Q	Spec	Mnths 3-11	Decrease	USD	193	175	165	150
4Q	Hedge/Member	Mnths 3-11	Decrease	USD	175	175	150	150
4Q	Spec	Mnths 12+	Decrease	USD	193	175	165	150
4Q	Hedge/Member	Mnths 12+	Decrease	USD	175	175	150	150

MIDWEST ISO MICHIGAN HUB 5MW PEAK C (HMW)

HMW	Spec	Mnth 2	Decrease	USD	275	250	248	225
HMW	Hedge/Member	Mnth 2	Decrease	USD	250	250	225	225
HMW	Spec	Mnths 3-4	Decrease	USD	275	250	248	225
HMW	Hedge/Member	Mnths 3-4	Decrease	USD	250	250	225	225
HMW	Spec	Mnths 5-11	Decrease	USD	165	150	110	100
HMW	Hedge/Member	Mnths 5-11	Decrease	USD	150	150	100	100
HMW	Spec	Mnths 12+	Decrease	USD	165	150	110	100
HMW	Hedge/Member	Mnths 12+	Decrease	USD	150	150	100	100

MINNESOTA OFF-PEAK MONTH FUT (LJ)

LJ	Spec	Mnth 1	Decrease	USD	17	15	13	12
LJ	Hedge/Member	Mnth 1	Decrease	USD	15	15	12	12
LJ	Spec	Mnths 2-6	Decrease	USD	11	10	8	7
LJ	Hedge/Member	Mnths 2-6	Decrease	USD	10	10	7	7
LJ	Spec	Mnths 7-11	Decrease	USD	11	10	8	7
LJ	Hedge/Member	Mnths 7-11	Decrease	USD	10	10	7	7
LJ	Spec	Mnths 12+	Decrease	USD	11	10	8	7
LJ	Hedge/Member	Mnths 12+	Decrease	USD	10	10	7	7

MINNESOTA HUB PEAK MONTH FUT (LM)

LM	Spec	Mnth 1	Decrease	USD	358	325	330	300
LM	Hedge/Member	Mnth 1	Decrease	USD	325	325	300	300
LM	Spec	Mnths 2-6	Decrease	USD	358	325	248	225
LM	Hedge/Member	Mnths 2-6	Decrease	USD	325	325	225	225
LM	Spec	Mnths 7-11	Decrease	USD	220	200	138	125
LM	Hedge/Member	Mnths 7-11	Decrease	USD	200	200	125	125
LM	Spec	Mnths 12+	Decrease	USD	220	200	138	125
LM	Hedge/Member	Mnths 12+	Decrease	USD	200	200	125	125

SPAN MINIMUM PERFORMANCE BOND REQUIREMENTS

CC	Rate Type	Description	Change	ISO	Current Initial	Current Maintenance	New Initial	New Maintenance
Outright Rates								
MISO INDIANA HUB 5MW D AH O PK (K2)								
K2	Spec	Mnth 1	Decrease	USD	17	15	11	10
K2	Hedge/Member	Mnth 1	Decrease	USD	15	15	10	10
K2	Spec	Mnth 2	Decrease	USD	11	10	8	7
K2	Hedge/Member	Mnth 2	Decrease	USD	10	10	7	7
K2	Spec	Mnths 3-4	Decrease	USD	9	8	7	6
K2	Hedge/Member	Mnths 3-4	Decrease	USD	8	8	6	6
K2	Spec	Mnths 5-11	Decrease	USD	9	8	7	6
K2	Hedge/Member	Mnths 5-11	Decrease	USD	8	8	6	6
K2	Spec	Mnths 12+	Decrease	USD	9	8	7	6
K2	Hedge/Member	Mnths 12+	Decrease	USD	8	8	6	6
MISO INDIANA HUB 5MW D AH PK (H5)								
H5	Spec	Mnth 1	Decrease	USD	330	300	275	250
H5	Hedge/Member	Mnth 1	Decrease	USD	300	300	250	250
MISO INDIANA HUB 5MW REAL TIME OFPK (H4)								
H4	Spec	Mnth 1	Decrease	USD	17	15	11	10
H4	Hedge/Member	Mnth 1	Decrease	USD	15	15	10	10
H4	Spec	Mnth 2	Decrease	USD	11	10	8	7
H4	Hedge/Member	Mnth 2	Decrease	USD	10	10	7	7
H4	Spec	Mnths 3-4	Decrease	USD	9	8	7	6
H4	Hedge/Member	Mnths 3-4	Decrease	USD	8	8	6	6
H4	Spec	Mnths 5-11	Decrease	USD	9	8	7	6
H4	Hedge/Member	Mnths 5-11	Decrease	USD	8	8	6	6
H4	Spec	Mnths 12+	Decrease	USD	9	8	7	6
H4	Hedge/Member	Mnths 12+	Decrease	USD	8	8	6	6
MISO INDIANA HUB 5MW REAL TIME PK (H3)								
H3	Spec	Mnths 3-11	Decrease	USD	165	150	138	125
H3	Hedge/Member	Mnths 3-11	Decrease	USD	150	150	125	125

SPAN MINIMUM PERFORMANCE BOND REQUIREMENTS

CC	Rate Type	Description	Change	ISO	Current Initial	Current Maintenance	New Initial	New Maintenance
Outright Rates								
MISO MICHIGAN HUB OF-PK DA MONTHLY (HMO)								
HMO	Spec	Mnth 1	Decrease	USD	22	20	13	12
HMO	Hedge/Member	Mnth 1	Decrease	USD	20	20	12	12
HMO	Spec	Mnths 2	Decrease	USD	11	10	8	7
HMO	Hedge/Member	Mnths 2	Decrease	USD	10	10	7	7
HMO	Spec	Mnths 3-4	Decrease	USD	11	10	7	6
HMO	Hedge/Member	Mnths 3-4	Decrease	USD	10	10	6	6
HMO	Spec	Mnths 5-11	Decrease	USD	9	8	7	6
HMO	Hedge/Member	Mnths 5-11	Decrease	USD	8	8	6	6
HMO	Spec	Mnths 12+	Decrease	USD	9	8	7	6
HMO	Hedge/Member	Mnths 12+	Decrease	USD	8	8	6	6
NEPOOL CNCTCT 5MW D AH O PK (P3)								
P3	Spec	Mnth 2	Decrease	USD	33	30	31	28
P3	Hedge/Member	Mnth 2	Decrease	USD	30	30	28	28
P3	Spec	Mnths 3-4	Decrease	USD	33	30	28	25
P3	Hedge/Member	Mnths 3-4	Decrease	USD	30	30	25	25
P3	Spec	Mnths 5-11	Decrease	USD	13	12	11	10
P3	Hedge/Member	Mnths 5-11	Decrease	USD	12	12	10	10
P3	Spec	Mnths 12+	Decrease	USD	13	12	11	10
P3	Hedge/Member	Mnths 12+	Decrease	USD	12	12	10	10
NEPOOL CONECTIC 5MW D AH PK (P2)								
P2	Spec	Mnth 1	Decrease	USD	770	700	660	600
P2	Hedge/Member	Mnth 1	Decrease	USD	700	700	600	600
P2	Spec	Mnth 2	Decrease	USD	715	650	660	600
P2	Hedge/Member	Mnth 2	Decrease	USD	650	650	600	600
P2	Spec	Mnths 6-11	Decrease	USD	248	225	220	200
P2	Hedge/Member	Mnths 6-11	Decrease	USD	225	225	200	200
P2	Spec	Mnths +12	Decrease	USD	248	225	220	200
P2	Hedge/Member	Mnths +12	Decrease	USD	225	225	200	200
NEPOOL INTR HUB 5MW D AH O PK (H2)								
H2	Spec	Mnth 2	Decrease	USD	28	25	22	20
H2	Hedge/Member	Mnth 2	Decrease	USD	25	25	20	20
H2	Spec	Mnths 3-4	Decrease	USD	11	10	10	9
H2	Hedge/Member	Mnths 3-4	Decrease	USD	10	10	9	9
H2	Spec	Mnths 5-11	Decrease	USD	11	10	9	8
H2	Hedge/Member	Mnths 5-11	Decrease	USD	10	10	8	8
H2	Spec	Mnths 12+	Decrease	USD	11	10	9	8
H2	Hedge/Member	Mnths 12+	Decrease	USD	10	10	8	8

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

NEPOOL INTR HUB 5MW D AH PK (U6)

U6	Spec	Month 1	Decrease	USD	660	600	578	525
U6	Hedge/Member	Month 1	Decrease	USD	600	600	525	525
U6	Spec	Month 2	Decrease	USD	495	450	440	400
U6	Hedge/Member	Month 2	Decrease	USD	450	450	400	400
U6	Spec	Mnths 6-11	Decrease	USD	220	200	198	180
U6	Hedge/Member	Mnths 6-11	Decrease	USD	200	200	180	180
U6	Spec	Mnths 12+	Decrease	USD	220	200	198	180
U6	Hedge/Member	Mnths 12+	Decrease	USD	200	200	180	180

NEPOOL MAINE 5MW D AH O EAK (W2)

W2	Spec	Mnth 2	Decrease	USD	33	30	28	25
W2	Hedge/Member	Mnth 2	Decrease	USD	30	30	25	25

NEPOOL MAINE 5MW D AH PK (P9)

P9	Spec	Mnth 1	Decrease	USD	715	650	633	575
P9	Hedge/Member	Mnth 1	Decrease	USD	650	650	575	575
P9	Spec	Mnth 2	Decrease	USD	660	600	550	500
P9	Hedge/Member	Mnth 2	Decrease	USD	600	600	500	500
P9	Spec	Mnths 3-4	Decrease	USD	440	400	413	375
P9	Hedge/Member	Mnths 3-4	Decrease	USD	400	400	375	375

NEPOOL NE MASS 5MW D AH O PK (P8)

P8	Spec	Mnths 5-11	Decrease	USD	17	15	11	10
P8	Hedge/Member	Mnths 5-11	Decrease	USD	15	15	10	10
P8	Spec	Mnths 12+	Decrease	USD	17	15	11	10
P8	Hedge/Member	Mnths 12+	Decrease	USD	15	15	10	10

NEPOOL NE MASS 5MW D AH PK (P7)

P7	Spec	Mnth 1	Decrease	USD	715	650	633	575
P7	Hedge/Member	Mnth 1	Decrease	USD	650	650	575	575
P7	Spec	Mnth 2	Decrease	USD	660	600	550	500
P7	Hedge/Member	Mnth 2	Decrease	USD	600	600	500	500
P7	Spec	Mnths 3-5	Decrease	USD	440	400	413	375
P7	Hedge/Member	Mnths 3-5	Decrease	USD	400	400	375	375

SPAN MINIMUM PERFORMANCE BOND REQUIREMENTS

CC	Rate Type	Description	Change	ISO	Current Initial	Current Maintenance	New Initial	New Maintenance
Outright Rates								
NEPOOL NEW HAMP 5MW D AH O PK (U3)								
U3	Spec	Mnth 1	Decrease	USD	39	35	33	30
U3	Hedge/Member	Mnth 1	Decrease	USD	35	35	30	30
U3	Spec	Mnths 3-4	Decrease	USD	17	15	11	10
U3	Hedge/Member	Mnths 3-4	Decrease	USD	15	15	10	10
U3	Spec	Mnths 5-11	Decrease	USD	17	15	11	10
U3	Hedge/Member	Mnths 5-11	Decrease	USD	15	15	10	10
U3	Spec	Mnths 12+	Decrease	USD	17	15	11	10
U3	Hedge/Member	Mnths 12+	Decrease	USD	15	15	10	10
NEPOOL NEW HAMP 5MW D AH PK (U2)								
U2	Spec	Mnth 1	Decrease	USD	715	650	633	575
U2	Hedge/Member	Mnth 1	Decrease	USD	650	650	575	575
U2	Spec	Mnth 2	Decrease	USD	660	600	550	500
U2	Hedge/Member	Mnth 2	Decrease	USD	600	600	500	500
U2	Spec	Mnths 3-11	Decrease	USD	440	400	385	350
U2	Hedge/Member	Mnths 3-11	Decrease	USD	400	400	350	350
U2	Spec	Mnth 12+	Decrease	USD	440	400	385	350
U2	Hedge/Member	Mnth 12+	Decrease	USD	400	400	350	350
NEPOOL RHD ISLD 5MW D AH PK (U4)								
U4	Spec	Mnth 1	Decrease	USD	770	700	633	575
U4	Hedge/Member	Mnth 1	Decrease	USD	700	700	575	575
U4	Spec	Mnths 3-4	Decrease	USD	418	380	413	375
U4	Hedge/Member	Mnths 3-4	Decrease	USD	380	380	375	375
NEPOOL RHODE IL 5MW D AH O PK (U5)								
U5	Spec	Mnth 2	Decrease	USD	28	25	24	22
U5	Hedge/Member	Mnth 2	Decrease	USD	25	25	22	22
U5	Spec	Mnths 3-4	Decrease	USD	28	25	20	18
U5	Hedge/Member	Mnths 3-4	Decrease	USD	25	25	18	18
NEPOOL SE MASS 5MW D AH O PK (P5)								
P5	Spec	Mnth 2	Decrease	USD	28	25	25	23
P5	Hedge/Member	Mnth 2	Decrease	USD	25	25	23	23
NEPOOL W CNT MASS 5MW D AH O PK (L9)								
L9	Spec	Mnth 2	Decrease	USD	28	25	22	20
L9	Hedge/Member	Mnth 2	Decrease	USD	25	25	20	20
L9	Spec	Mnths 3-5	Decrease	USD	22	20	17	15
L9	Hedge/Member	Mnths 3-5	Decrease	USD	20	20	15	15

SPAN MINIMUM PERFORMANCE BOND REQUIREMENTS

CC	Rate Type	Description	Change	ISO	Current Initial	Current Maintenance	New Initial	New Maintenance
Outright Rates								
NEPOOL W CNTR M 5MW D AH PK (R6)								
R6	Spec	Mnth 1	Decrease	USD	715	650	633	575
R6	Hedge/Member	Mnth 1	Decrease	USD	650	650	575	575
R6	Spec	Mnth 2	Decrease	USD	605	550	550	500
R6	Hedge/Member	Mnth 2	Decrease	USD	550	550	500	500
R6	Spec	Mnths 3-5	Decrease	USD	440	400	385	350
R6	Hedge/Member	Mnths 3-5	Decrease	USD	400	400	350	350
NYISO REST OF STATE CAPACITY CAL MO (NRS)								
NRS	Spec	Mnths 7+	Decrease	USD	4,180	3,800	3,025	2,750
NRS	Hedge/Member	Mnths 7+	Decrease	USD	3,800	3,800	2,750	2,750
NYISO ZONE A 5MW D AH O PK (K4)								
K4	Spec	Mnth 1	Decrease	USD	22	20	17	15
K4	Hedge/Member	Mnth 1	Decrease	USD	20	20	15	15
K4	Spec	Mnth 2	Decrease	USD	17	15	13	12
K4	Hedge/Member	Mnth 2	Decrease	USD	15	15	12	12
NYISO ZONE A 5MW D AH PK (K3)								
K3	Spec	Mnth 2	Decrease	USD	370	336	330	300
K3	Hedge/Member	Mnth 2	Decrease	USD	336	336	300	300
K3	Spec	Mnths 6-11	Decrease	USD	220	200	193	175
K3	Hedge/Member	Mnths 6-11	Decrease	USD	200	200	175	175
K3	Spec	Mnths 12+	Decrease	USD	220	200	193	175
K3	Hedge/Member	Mnths 12+	Decrease	USD	200	200	175	175
NYISO ZONE E 5MW OFF- PK CAL MO FUT (58)								
58	Spec	Mnth 1	Decrease	USD	33	30	28	25
58	Hedge/Member	Mnth 1	Decrease	USD	30	30	25	25
58	Spec	Mnths 2-6	Decrease	USD	22	20	17	15
58	Hedge/Member	Mnths 2-6	Decrease	USD	20	20	15	15
NYISO ZONE E 5MW PK CAL MO FUT (55)								
55	Spec	Mnth 1	Decrease	USD	550	500	495	450
55	Hedge/Member	Mnth 1	Decrease	USD	500	500	450	450
55	Spec	Mnths 3-4	Decrease	USD	330	300	193	175
55	Hedge/Member	Mnths 3-4	Decrease	USD	300	300	175	175
55	Spec	Mnths 5+	Decrease	USD	220	200	193	175
55	Hedge/Member	Mnths 5+	Decrease	USD	200	200	175	175

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

NYISO ZONE F 5MW O PK FUT (4M)

4M	Spec	Mnth 1	Decrease	USD	33	30	28	25
4M	Hedge/Member	Mnth 1	Decrease	USD	30	30	25	25
4M	Spec	Mnth 2	Decrease	USD	33	30	20	18
4M	Hedge/Member	Mnth 2	Decrease	USD	30	30	18	18
4M	Spec	Mnths 3-4	Decrease	USD	28	25	11	10
4M	Hedge/Member	Mnths 3-4	Decrease	USD	25	25	10	10
4M	Spec	Mnths 5-11	Decrease	USD	17	15	11	10
4M	Hedge/Member	Mnths 5-11	Decrease	USD	15	15	10	10

NYISO ZONE F 5MW PK FUT (4L)

4L	Spec	Mnth 1	Decrease	USD	550	500	523	475
4L	Hedge/Member	Mnth 1	Decrease	USD	500	500	475	475
4L	Spec	Mnth 2	Decrease	USD	550	500	523	475
4L	Hedge/Member	Mnth 2	Decrease	USD	500	500	475	475
4L	Spec	Mnths 3-4	Decrease	USD	495	450	385	350
4L	Hedge/Member	Mnths 3-4	Decrease	USD	450	450	350	350
4L	Spec	Mnths 5+	Decrease	USD	275	250	193	175
4L	Hedge/Member	Mnths 5+	Decrease	USD	250	250	175	175

NYISO ZONE G 5MW D AH O PK (D2)

D2	Spec	Mnth 1	Decrease	USD	33	30	28	25
D2	Hedge/Member	Mnth 1	Decrease	USD	30	30	25	25
D2	Spec	Mnth 2	Decrease	USD	22	20	17	15
D2	Hedge/Member	Mnth 2	Decrease	USD	20	20	15	15

NYISO ZONE G 5MW D AH PK (T3)

T3	Spec	Mnth 2	Decrease	USD	495	450	413	375
T3	Hedge/Member	Mnth 2	Decrease	USD	450	450	375	375
T3	Spec	Mnths 3-4	Decrease	USD	495	450	220	200
T3	Hedge/Member	Mnths 3-4	Decrease	USD	450	450	200	200
T3	Spec	Mnths 5-11	Decrease	USD	198	180	193	175
T3	Hedge/Member	Mnths 5-11	Decrease	USD	180	180	175	175
T3	Spec	Mnths 12+	Decrease	USD	198	180	193	175
T3	Hedge/Member	Mnths 12+	Decrease	USD	180	180	175	175

SPAN MINIMUM PERFORMANCE BOND REQUIREMENTS

CC	Rate Type	Description	Change	ISO	Current Initial	Current Maintenance	New Initial	New Maintenance
Outright Rates								
NYISO ZONE J 5MW D AH O PK (D4)								
D4	Spec	Mnth 1	Decrease	USD	28	25	22	20
D4	Hedge/Member	Mnth 1	Decrease	USD	25	25	20	20
D4	Spec	Mnth 2	Decrease	USD	22	20	17	15
D4	Hedge/Member	Mnth 2	Decrease	USD	20	20	15	15
D4	Spec	Mnths 5-11	Decrease	USD	10	9	8	7
D4	Hedge/Member	Mnths 5-11	Decrease	USD	9	9	7	7
D4	Spec	Mnths 12+	Decrease	USD	10	9	8	7
D4	Hedge/Member	Mnths 12+	Decrease	USD	9	9	7	7
PJM WESTH RT OFF-PEAK (N9)								
N9	Spec	Mnth 1	Decrease	USD	17	15	13	12
N9	Hedge/Member	Mnth 1	Decrease	USD	15	15	12	12
N9	Spec	Mnth 2	Decrease	USD	11	10	9	8
N9	Hedge/Member	Mnth 2	Decrease	USD	10	10	8	8
EQUITY INDEX - Outright Rates								
E-MINI NIKKEI 225 YEN DENOMINATED (ENY)								
ENY	Spec		Decrease	JPY	96,800	88,000	85,800	78,000
ENY	Hedge/Member		Decrease	JPY	88,000	88,000	78,000	78,000
NIKKEI 225 DOLLAR FUTURES (NK)								
NK	Spec		Decrease	USD	4,840	4,400	4,290	3,900
NK	Hedge/Member		Decrease	USD	4,400	4,400	3,900	3,900
NIKKEI 225 YEN FUT (N1)								
N1	Spec		Decrease	JPY	484,000	440,000	429,000	390,000
N1	Hedge/Member		Decrease	JPY	440,000	440,000	390,000	390,000
S&P 500 ANNUAL DIVIDEND INDEX FUT (SDA)								
SDA	Spec	Mths 4-6	Decrease	USD	275	250	220	200
SDA	Hedge/Member	Mths 4-6	Decrease	USD	250	250	200	200
SDA	Spec	7+	New	USD			303	275
SDA	Hedge/Member	7+	New	USD			275	275
INTEREST RATES - Outright Rates								
LONG TERM U.S. TREASURY BOND FUTURE (UBE)								
UBE	Spec		Decrease	USD	6,160	5,600	5,610	5,100
UBE	Hedge/Member		Decrease	USD	5,600	5,600	5,100	5,100
ONE MONTH EURODOLLAR FUTURES (EM)								
EM	Spec	Mnth 5+	Increase	USD	330	300	374	340
EM	Hedge/Member	Mnth 5+	Increase	USD	300	300	340	340

SPAN MINIMUM PERFORMANCE BOND REQUIREMENTS

CC	Rate Type	Description	Change	ISO	Current Initial	Current Maintenance	New Initial	New Maintenance
Outright Rates								
METALS - Outright Rates								
ALUMINUM FUTURES (ALI)								
ALI	Spec	Mths 1-4	Decrease	USD	2,310	2,100	1,925	1,750
ALI	Hedge/Member	Mths 1-4	Decrease	USD	2,100	2,100	1,750	1,750
ALI	Spec	Mths 5+	Decrease	USD	2,310	2,100	1,925	1,750
ALI	Hedge/Member	Mths 5+	Decrease	USD	2,100	2,100	1,750	1,750
PLATINUM FUTURES NYMEX (PL)								
PL	Spec	Mths 1	Decrease	USD	2,640	2,400	2,090	1,900
PL	Hedge/Member	Mths 1	Decrease	USD	2,400	2,400	1,900	1,900
PL	Spec	Mths 2+	Decrease	USD	2,640	2,400	2,090	1,900
PL	Hedge/Member	Mths 2+	Decrease	USD	2,400	2,400	1,900	1,900
PETROLEUM CRACKS AND SPREADS - Outright Rates								
GRP3 ULSD VS NY HRBR ULSD FUT (A6)								
A6	Spec	Mnths 5+	New	USD	550	500	358	325
A6	Hedge/Member	Mnths 5+	New	USD	500	500	325	325
REFINED PRODUCTS - Outright Rates								
DATED BRENT(PLATTS) BALMO FUT (DBB)								
DBB	Spec		Decrease	USD	5,500	5,000	4,400	4,000
DBB	Hedge/Member		Decrease	USD	5,000	5,000	4,000	4,000

SPAN MINIMUM PERFORMANCE BOND REQUIREMENTS

Inter-Commodity Spread Tiers

Below are changes to the Inter-Commodity Spread Tier Structure for 30 Day Federal Funds Futures (41):

Inter-Commodity Spread Tier	Current Tier Structure		New Tier Structure	
	Start Month	End Month	Start Month	End Month
1	1	1	1	1
2	2	4	2	5
3	5	10	6	8
4	11	15	9	12
5	16	36	13	36

SPAN MINIMUM PERFORMANCE BOND REQUIREMENTS

CC	Rate Type	Description	Change	ISO	Current Initial	Current Maintenance	New Initial	New Maintenance
Intra Spreads								
EQUITY INDEX - Intra Spreads								
(EMINI SP 500 ENERGY SECTOR INDEX)								
XAE	Spec		Decrease	USD	550	500	440	400
XAE	Hedge/Member		Decrease	USD	500	500	400	400
(E-MINI SP500 CONS DISCRET SECTOR IX)								
XAY	Spec		Increase	USD	330	300	358	325
XAY	Hedge/Member		Increase	USD	300	300	325	325
(E-MINI SP500 CONS DISCRET SYNTHETIC)								
1YT	Spec		Increase	USD	330	300	358	325
1YT	Hedge/Member		Increase	USD	300	300	325	325
(E-MINI SP500 CONS DISCRET TAI)								
XYT	Spec		Increase	USD	330	300	358	325
XYT	Hedge/Member		Increase	USD	300	300	325	325
(EMINI SP500- HEALTH CARE SECT INDEX)								
XAV	Spec		Increase	USD	193	175	319	290
XAV	Hedge/Member		Increase	USD	175	175	290	290
(EMINI SP500-INDUSTRIAL SECTOR INDEX)								
XAI	Spec		Decrease	USD	440	400	220	200
XAI	Hedge/Member		Decrease	USD	400	400	200	200
(EMINI SP500-UTILITIES SECTOR INDEX)								
XAU	Spec		Increase	USD	352	320	567	515
XAU	Hedge/Member		Increase	USD	320	320	515	515
(SP 500 - INDUSTRIAL SEL SECTOR SYNT)								
1IT	Spec		Decrease	USD	440	400	220	200
1IT	Hedge/Member		Decrease	USD	400	400	200	200
(SP 500 ENERGY SELECT SECTOR TIC)								
XET	Spec		Decrease	USD	550	500	440	400
XET	Hedge/Member		Decrease	USD	500	500	400	400
(SP 500 ENERGY SLCT SEC SYNTHETIC)								
1ET	Spec		Decrease	USD	550	500	440	400
1ET	Hedge/Member		Decrease	USD	500	500	400	400
(SP 500 HEALTH CARE SECTOR SYNTHETIC)								
1VT	Spec		Increase	USD	193	175	319	290
1VT	Hedge/Member		Increase	USD	175	175	290	290

SPAN MINIMUM PERFORMANCE BOND REQUIREMENTS

CC	Rate Type	Description	Change	ISO	Current Initial	Current Maintenance	New Initial	New Maintenance
Intra Spreads								
(SP 500 HEALTH CARE SECTOR TIC)								
XVT	Spec		Increase	USD	193	175	319	290
XVT	Hedge/Member		Increase	USD	175	175	290	290
(SP 500 INDUSTRIAL SECTOR TIC)								
XIT	Spec		Decrease	USD	440	400	220	200
XIT	Hedge/Member		Decrease	USD	400	400	200	200
(SP 500 UTILITIES SEL SECTOR SYNTH)								
1UT	Spec		Increase	USD	352	320	567	515
1UT	Hedge/Member		Increase	USD	320	320	515	515
(SP 500 UTILITIES SEL SECTOR TIC)								
XUT	Spec		Increase	USD	352	320	567	515
XUT	Hedge/Member		Increase	USD	320	320	515	515
All Months (BTIC EMINI FTSE 100 INDEX FUTURE)								
FTT	Spec		Increase	USD	165	150	303	275
FTT	Hedge/Member		Increase	USD	150	150	275	275
All Months (BTIC EMINI FTSE CHINA 50 INDEX)								
FTC	Spec		Increase	USD	275	250	385	350
FTC	Hedge/Member		Increase	USD	250	250	350	350
All Months (BTIC EMINI RUSSELL1000 INDEX FUT)								
R1T	Spec		Increase	USD	248	225	275	250
R1T	Hedge/Member		Increase	USD	225	225	250	250
All Months (E-MINI FTSE 100 INDEX FUTURES)								
FT1	Spec		Increase	USD	165	150	303	275
FT1	Hedge/Member		Increase	USD	150	150	275	275
All Months (EMINI FTSE 100 VALUE SYN MARKER)								
FTI	Spec		Increase	USD	165	150	303	275
FTI	Hedge/Member		Increase	USD	150	150	275	275
All Months (EMINI FTSE CHINA 50 INDEX FUTURE)								
FT5	Spec		Increase	USD	275	250	385	350
FT5	Hedge/Member		Increase	USD	250	250	350	350
All Months (EMINI FTSE CHINA50 INDEX SYN MARKER)								
FTY	Spec		Increase	USD	275	250	385	350
FTY	Hedge/Member		Increase	USD	250	250	350	350

SPAN MINIMUM PERFORMANCE BOND REQUIREMENTS

CC	Rate Type	Description	Change	ISO	Current Initial	Current Maintenance	New Initial	New Maintenance
Intra Spreads								
All Months (EMINI RUSSELL 1000 INDEX FUTURES)								
RS1	Spec		Increase	USD	248	225	275	250
RS1	Hedge/Member		Increase	USD	225	225	250	250
Dow Jones (CBOT) (11) - All Months (\$10DOW JONES FUTURES)								
11	Spec		Decrease	USD	715	650	605	550
11	Hedge/Member		Decrease	USD	650	650	550	550
Dow Jones (CBOT) (11) - All Months ()								
DO	Spec		Decrease	USD	1,788	1,625	1,513	1,375
DO	Hedge/Member		Decrease	USD	1,625	1,625	1,375	1,375
Dow Jones (CBOT) (11) - All Months (BTIC ON E-MINI DJIA FUTURES)								
YMT	Spec		Decrease	USD	358	325	303	275
YMT	Hedge/Member		Decrease	USD	325	325	275	275
Dow Jones (CBOT) (11) - All Months (E-MINI DJIA FUTURES MARKER)								
YMI	Spec		Decrease	USD	358	325	303	275
YMI	Hedge/Member		Decrease	USD	325	325	275	275
Dow Jones (CBOT) (11) - All Months (E-MINI DOW (\$5) FUTURES)								
YM	Spec		Decrease	USD	358	325	303	275
YM	Hedge/Member		Decrease	USD	325	325	275	275
E-Mini Nasdaq Biotechnology Index Futures (BQ) - All Months (BTIC E-MINI NASDAQ BIOTECHNOLOGY)								
BIT	Spec		Decrease	USD	825	750	550	500
BIT	Hedge/Member		Decrease	USD	750	750	500	500
E-Mini Nasdaq Biotechnology Index Futures (BQ) - All Months (E-MINI NASDAQ BIOTECH SYNT MARKER)								
BTT	Spec		Decrease	USD	825	750	550	500
BTT	Hedge/Member		Decrease	USD	750	750	500	500
E-Mini Nasdaq Biotechnology Index Futures (BQ) - All Months (E-MINI NASDAQ BIOTECHNOLOGY FUTURES)								
BQ	Spec		Decrease	USD	825	750	550	500
BQ	Hedge/Member		Decrease	USD	750	750	500	500

SPAN MINIMUM PERFORMANCE BOND REQUIREMENTS

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

ELECTRICITY - Inter-commodity Spread Rates

NYISO Zone J Peak LBMP Futures (NY-KJ-CME) vs NYISO Zone G Peak LBMP Futures (NY-KG-CME)

Spread Credit Rate	Increase	+1:-5	50%	50%	60%	60%
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EQUITY INDEX - Inter-commodity Spread Rates

EMINI SP500-UTILITIES SECTOR INDEX (XAU) vs E-MINI SP500 CONS DISCRET SECTOR IX (XAY)

Spread Credit Rate	Decrease	+1:-1	62%	62%	50%	50%
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S&P SELECT SECTOR - UTILITIES (XAU - CME) vs E-MINI NASDAQ-100 FUTURES (NQ - CME)

Spread Credit Rate	Decrease	+6:-5	70%	70%	60%	60%
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S&P SELECT SECTOR - UTILITIES (XAU - CME) vs E-MINI S&P MIDCAP 400 (ME - CME)

Spread Credit Rate	Decrease	+3:-1	66%	66%	50%	50%
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NATURAL GAS - Inter-commodity Spread Rates

NGPL MID-CON BASIS SWAP (PLATTS IFERC) FUTURES (NY-NL - CME) vs ONEOK, OKLAHOMA BASIS SWAP (PLATTS IFERC) FUTURES (NY-8X - CME)

Spread Credit Rate	Decrease	+1:-1	70%	70%	60%	60%
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ROCKIES BASIS SWAP (PLATTS IFERC) FUTURES (NY-NR - CME) vs ONEOK, OKLAHOMA BASIS SWAP (PLATTS IFERC) FUTURES (NY-8X - CME)

Spread Credit Rate	Decrease	+1:-1	50%	50%	40%	40%
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Rate Type	Tier Description	Change	Current Initial	Current Maintenance	New Initial	New Maintenance
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Volatility Scan (volScan) Rate

EQUITY INDEX - Volatility Scan (volScan) Rate

E-MINI DOW (\$5) FUTURES (11, 11, DO, EYM, EZD, YM, YM, YMI, YMT) - volScan

Clearing Member Rate	Decrease			0.050		0.040
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E-MINI NASDAQ-100 FUTURES (7H, DN, ND, ND, NQ, NQ, NQI, NQT, QN, YH) - volScan

Clearing Member Rate	Decrease			0.050		0.040
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S&P 500 (7S, 8A, 8B, ES, ES, ESI, EST, EV, EW, MDV, MDW, SP, SP, YP1) - volScan

Clearing Member Rate	Decrease			0.050		0.040
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