



13-416

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

FROM: CME Clearing

SUBJECT: Performance Bond Requirements

DATE: Friday, September 13, 2013

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

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

and subscribe to the Performance Bond Rates Advisory Notice listserver.

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

The rates will be effective after the close of business on

Tuesday, September 17, 2013.

Current rates as of:

Friday, September 13, 2013.

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

ELECTRICITY - Outright Rates

AER-DAYTON HUB MONTHLY (VM)

VM	Spec	Mnth 1	Increase	USD	4,950	4,500	6,050	5,500
VM	Hedge/Member	Mnth 1	Increase	USD	4,500	4,500	5,500	5,500
VM	Spec	Mnth 2	Increase	USD	2,750	2,500	3,300	3,000
VM	Hedge/Member	Mnth 2	Increase	USD	2,500	2,500	3,000	3,000
VM	Spec	Mnths 12+	Increase	USD	1,650	1,500	1,815	1,650
VM	Hedge/Member	Mnths 12+	Increase	USD	1,500	1,500	1,650	1,650

ISO NEW ENGLAND OFF-PEAK LMP FUT (KI)

KI	Spec	Mnth 1	Decrease	USD	11,000	10,000	9,900	9,000
KI	Hedge/Member	Mnth 1	Decrease	USD	10,000	10,000	9,000	9,000
KI	Spec	Mnth 2	Decrease	USD	9,350	8,500	8,800	8,000
KI	Hedge/Member	Mnth 2	Decrease	USD	8,500	8,500	8,000	8,000

ISO NEW ENGLAND PEAK LMP FUT (NI)

NI	Spec	Mnth 1	Decrease	USD	12,100	11,000	9,350	8,500
NI	Hedge/Member	Mnth 1	Decrease	USD	11,000	11,000	8,500	8,500
NI	Spec	Mnth 2	Decrease	USD	9,350	8,500	8,800	8,000
NI	Hedge/Member	Mnth 2	Decrease	USD	8,500	8,500	8,000	8,000

MDWST ISO IND. HUB 5MW PK CAL-MO RT (PTM)

PTM	Spec	Mnth 1	Decrease	USD	495	450	440	400
PTM	Hedge/Member	Mnth 1	Decrease	USD	450	450	400	400

MIDWEST ISO MICHIGAN HUB 5MW PEAK C (HMW)

HMW	Spec	Mnth 2-4	Increase	USD	275	250	385	350
HMW	Hedge/Member	Mnth 2-4	Increase	USD	250	250	350	350
HMW	Spec	Mnth 12+	Increase	USD	138	125	154	140
HMW	Hedge/Member	Mnth 12+	Increase	USD	125	125	140	140

MISO INDIANA HUB OFF-PEAK MO FUT (EJ)

EJ	Spec	Mnth 1	Decrease	USD	2,475	2,250	2,228	2,025
EJ	Hedge/Member	Mnth 1	Decrease	USD	2,250	2,250	2,025	2,025
EJ	Spec	Mnths 3-11	Increase	USD	1,210	1,100	1,331	1,210
EJ	Hedge/Member	Mnths 3-11	Increase	USD	1,100	1,100	1,210	1,210
EJ	Spec	Mnth 12+	Increase	USD	1,320	1,200	1,452	1,320
EJ	Hedge/Member	Mnth 12+	Increase	USD	1,200	1,200	1,320	1,320

MISO INDIANA HUB PEAK MONTH FUT (EM)

EM	Spec	Mnth 1	Decrease	USD	4,950	4,500	4,455	4,050
EM	Hedge/Member	Mnth 1	Decrease	USD	4,500	4,500	4,050	4,050
EM	Spec	Mnths 3-11	Decrease	USD	2,200	2,000	1,980	1,800

SPAN MINIMUM PERFORMANCE BOND REQUIREMENTS

CC	Rate Type	Description	Change	ISO	Current Initial	Current Maintenance	New Initial	New Maintenance
Outright Rates								
EM	Hedge/Member	Mnths 3-11	Decrease	USD	2,000	2,000	1,800	1,800
NEPOOL INTR HUB 5MW D AH PK (U6)								
U6	Spec	Month 1	Decrease	USD	1,155	1,050	990	900
U6	Hedge/Member	Month 1	Decrease	USD	1,050	1,050	900	900
NORTHERN ILLINOIS OFF-PEAK MONTHLY (UO)								
UO	Spec	Mnth 1	Decrease	USD	4,400	4,000	3,740	3,400
UO	Hedge/Member	Mnth 1	Decrease	USD	4,000	4,000	3,400	3,400
NYISO A (KA)								
KA	Spec	Mnth 1	Increase	USD	2,200	2,000	2,640	2,400
KA	Hedge/Member	Mnth 1	Increase	USD	2,000	2,000	2,400	2,400
NYISO G (KG)								
KG	Spec	Mnth 1	Increase	USD	2,475	2,250	2,723	2,475
KG	Hedge/Member	Mnth 1	Increase	USD	2,250	2,250	2,475	2,475
KG	Spec	Mnths 3-11	Decrease	USD	1,650	1,500	1,485	1,350
KG	Hedge/Member	Mnths 3-11	Decrease	USD	1,500	1,500	1,350	1,350
KG	Spec	Mnths 12+	Decrease	USD	1,375	1,250	1,238	1,125
KG	Hedge/Member	Mnths 12+	Decrease	USD	1,250	1,250	1,125	1,125
NYISO ZONE A 5MW D AH PK (K3)								
K3	Spec	Mnth 1	Increase	USD	440	400	528	480
K3	Hedge/Member	Mnth 1	Increase	USD	400	400	480	480
NYISO ZONE C 5MW D AH O PK (A3)								
A3	Spec	Mnth 1	Decrease	USD	39	35	33	30
A3	Hedge/Member	Mnth 1	Decrease	USD	35	35	30	30
NYISO ZONE F 5MW PK FUT (4L)								
4L	Spec	Mnth 2	Increase	USD	990	900	1,155	1,050
4L	Hedge/Member	Mnth 2	Increase	USD	900	900	1,050	1,050
NYISO ZONE G 5MW D AH PK (T3)								
T3	Spec	Mnth 1	Increase	USD	495	450	545	495
T3	Hedge/Member	Mnth 1	Increase	USD	450	450	495	495
T3	Spec	Mnths 3-11	Decrease	USD	330	300	297	270
T3	Hedge/Member	Mnths 3-11	Decrease	USD	300	300	270	270
T3	Spec	Mnths 12+	Decrease	USD	275	250	248	225
T3	Hedge/Member	Mnths 12+	Decrease	USD	250	250	225	225

SPAN MINIMUM PERFORMANCE BOND REQUIREMENTS

CC	Rate Type	Description	Change	ISO	Current Initial	Current Maintenance	New Initial	New Maintenance
Outright Rates								
ONTARIO OFF-PK CAL-MO FUTURES (OFM)								
OFM	Spec	Mnth 2-6	Decrease	CAD	28	25	22	20
OFM	Hedge/Member	Mnth 2-6	Decrease	CAD	25	25	20	20
OFM	Spec	Mnth 7-11	Decrease	CAD	17	15	11	10
OFM	Hedge/Member	Mnth 7-11	Decrease	CAD	15	15	10	10
OFM	Spec	Mnth 12+	Decrease	CAD	17	15	11	10
OFM	Hedge/Member	Mnth 12+	Decrease	CAD	15	15	10	10
PJM AD HUB 5MW REAL TIME PK (Z9)								
Z9	Spec	Mnth 1	Increase	USD	605	550	770	700
Z9	Hedge/Member	Mnth 1	Increase	USD	550	550	700	700
PJM AECO DA PEAK (Y1)								
Y1	Spec	Mnth 2	Decrease	USD	468	425	418	380
Y1	Hedge/Member	Mnth 2	Decrease	USD	425	425	380	380
Y1	Spec	Mnths 3-11	Decrease	USD	275	250	248	225
Y1	Hedge/Member	Mnths 3-11	Decrease	USD	250	250	225	225
Y1	Spec	Mnths 12+	Decrease	USD	220	200	198	180
Y1	Hedge/Member	Mnths 12+	Decrease	USD	200	200	180	180
PJM APS ZONE DA OFF-PEAK (W4)								
W4	Spec	Mnth 1	Increase	USD	33	30	39	35
W4	Hedge/Member	Mnth 1	Increase	USD	30	30	35	35
PJM APS ZONE DA PEAK (S4)								
S4	Spec	Mnth 1	Increase	USD	440	400	528	480
S4	Hedge/Member	Mnth 1	Increase	USD	400	400	480	480
S4	Spec	Mnth 2	Increase	USD	385	350	462	420
S4	Hedge/Member	Mnth 2	Increase	USD	350	350	420	420
S4	Spec	Mnths 3-11	Increase	USD	275	250	330	300
S4	Hedge/Member	Mnths 3-11	Increase	USD	250	250	300	300
S4	Spec	Mnths 12+	Increase	USD	165	150	198	180
S4	Hedge/Member	Mnths 12+	Increase	USD	150	150	180	180
PJM DOM Z PEAK CLND M D AHEAD (R5)								
R5	Spec	Mnth 1	Increase	USD	660	600	770	700
R5	Hedge/Member	Mnth 1	Increase	USD	600	600	700	700
R5	Spec	Mnths 2-6	Increase	USD	330	300	385	350
R5	Hedge/Member	Mnths 2-6	Increase	USD	300	300	350	350

SPAN MINIMUM PERFORMANCE BOND REQUIREMENTS

CC	Rate Type	Description	Change	ISO	Current Initial	Current Maintenance	New Initial	New Maintenance
Outright Rates								
PJM DPL DA PEAK (L8)								
L8	Spec	Mnth 1	Increase	USD	550	500	660	600
L8	Hedge/Member	Mnth 1	Increase	USD	500	500	600	600
L8	Spec	Mnth 2	Increase	USD	275	250	330	300
L8	Hedge/Member	Mnth 2	Increase	USD	250	250	300	300
PJM EASTERNH DA PEAK (E9)								
E9	Spec	Mnth 1	Increase	USD	660	600	770	700
E9	Hedge/Member	Mnth 1	Increase	USD	600	600	700	700
PJM JCPL DA PEAK (J2)								
J2	Spec	Mnth 1	Increase	USD	550	500	660	600
J2	Hedge/Member	Mnth 1	Increase	USD	500	500	600	600
J2	Spec	Mnths 3-11	Decrease	USD	220	200	198	180
J2	Hedge/Member	Mnths 3-11	Decrease	USD	200	200	180	180
J2	Spec	Mnths 12+	Decrease	USD	220	200	198	180
J2	Hedge/Member	Mnths 12+	Decrease	USD	200	200	180	180
PJM METED ZONE PK CAL LMP FUTURES (47)								
47	Spec	Mnth 1	Increase	USD	495	450	605	550
47	Hedge/Member	Mnth 1	Increase	USD	450	450	550	550
47	Spec	Mnth 2	Decrease	USD	330	300	297	270
47	Hedge/Member	Mnth 2	Decrease	USD	300	300	270	270
47	Spec	Mnths 3-11	Decrease	USD	220	200	198	180
47	Hedge/Member	Mnths 3-11	Decrease	USD	200	200	180	180
47	Spec	Mnths 12+	Decrease	USD	220	200	198	180
47	Hedge/Member	Mnths 12+	Decrease	USD	200	200	180	180
PJM MONTHLY (JM)								
JM	Spec	Mnths 24+	Increase	USD	1,155	1,050	1,650	1,500
JM	Hedge/Member	Mnths 24+	Increase	USD	1,050	1,050	1,500	1,500
PJM NI HUB 5MW REAL TIME PK (B3)								
B3	Spec	Mnth 1	Increase	USD	660	600	770	700
B3	Hedge/Member	Mnth 1	Increase	USD	600	600	700	700
PJM NILL DA PEAK (N3)								
N3	Spec	Mnth 1	Decrease	USD	660	600	550	500
N3	Hedge/Member	Mnth 1	Decrease	USD	600	600	500	500
PJM OFF-PEAK LMP FUT (JP)								
JP	Spec	Mnth 1	Decrease	USD	3,025	2,750	2,640	2,400
JP	Hedge/Member	Mnth 1	Decrease	USD	2,750	2,750	2,400	2,400

SPAN MINIMUM PERFORMANCE BOND REQUIREMENTS

CC	Rate Type	Description	Change	ISO	Current Initial	Current Maintenance	New Initial	New Maintenance
Outright Rates								
PJM PECO Z5 MW PK CLM DA LMP (4N)								
4N	Spec	Mnth 1	Increase	USD	495	450	594	540
4N	Hedge/Member	Mnth 1	Increase	USD	450	450	540	540
4N	Spec	Mnth 2	Decrease	USD	330	300	297	270
4N	Hedge/Member	Mnth 2	Decrease	USD	300	300	270	270
4N	Spec	Mnths 3-11	Decrease	USD	220	200	198	180
4N	Hedge/Member	Mnths 3-11	Decrease	USD	200	200	180	180
4N	Spec	Mnths 12+	Decrease	USD	220	200	198	180
4N	Hedge/Member	Mnths 12+	Decrease	USD	200	200	180	180
PJM PEPCO DA PEAK (R8)								
R8	Spec	Mnth 1	Increase	USD	550	500	633	575
R8	Hedge/Member	Mnth 1	Increase	USD	500	500	575	575
PJM PPL DA PEAK (L5)								
L5	Spec	Mnth 1	Increase	USD	550	500	660	600
L5	Hedge/Member	Mnth 1	Increase	USD	500	500	600	600
L5	Spec	Mnths 3-11	Decrease	USD	220	200	198	180
L5	Hedge/Member	Mnths 3-11	Decrease	USD	200	200	180	180
L5	Spec	Mnths 12+	Decrease	USD	220	200	198	180
L5	Hedge/Member	Mnths 12+	Decrease	USD	200	200	180	180
PJM WES HUB PEAK CAL MON REAL TIME (L1)								
L1	Spec	Mth 1	Increase	USD	715	650	787	715
L1	Hedge/Member	Mth 1	Increase	USD	650	650	715	715
L1	Spec	Mnths 3-11	Decrease	USD	193	175	171	155
L1	Hedge/Member	Mnths 3-11	Decrease	USD	175	175	155	155
L1	Spec	Mnths 12+	Decrease	USD	138	125	121	110
L1	Hedge/Member	Mnths 12+	Decrease	USD	125	125	110	110
PJM WES HUB PEAK LMP 50 MW (4S)								
4S	Spec	Mth 1	Increase	USD	7,150	6,500	7,865	7,150
4S	Hedge/Member	Mth 1	Increase	USD	6,500	6,500	7,150	7,150
4S	Spec	Mnths 3-11	Decrease	USD	1,925	1,750	1,705	1,550
4S	Hedge/Member	Mnths 3-11	Decrease	USD	1,750	1,750	1,550	1,550
4S	Spec	Mnths 12+	Decrease	USD	1,375	1,250	1,210	1,100
4S	Hedge/Member	Mnths 12+	Decrease	USD	1,250	1,250	1,100	1,100
PJM WESTHDA PEAK (J4)								
J4	Spec	Mnths 12+	Decrease	USD	193	175	171	155
J4	Hedge/Member	Mnths 12+	Decrease	USD	175	175	155	155

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

INTEREST RATES - Outright Rates

EURODOLLAR FUTURES (ED)

ED	Spec	Tier 02 [contr 05-contr 08]	Increase	USD	286	260	314	285
ED	Hedge/Member	Tier 02 [contr 05-contr 08]	Increase	USD	260	260	285	285
ED	Spec	Tier 04 [contr 13-contr 16]	Decrease	USD	715	650	600	545
ED	Hedge/Member	Tier 04 [contr 13-contr 16]	Decrease	USD	650	650	545	545
ED	Spec	Tier 05 [contr 17-contr 20]	Decrease	USD	825	750	770	700
ED	Hedge/Member	Tier 05 [contr 17-contr 20]	Decrease	USD	750	750	700	700

SPAN MINIMUM PERFORMANCE BOND REQUIREMENTS

CC	Rate Type	Description	Change	ISO	Current Initial	Current Maintenance	New Initial	New Maintenance
Outright Rates								
NATURAL GAS - Outright Rates								
ALGONQUIN CITYGATES BASIS (B4)								
B4	Spec	Mnth 1	Increase	USD	1,925	1,750	2,475	2,250
B4	Hedge/Member	Mnth 1	Increase	USD	1,750	1,750	2,250	2,250
B4	Spec	Mnth 2	Increase	USD	1,100	1,000	1,650	1,500
B4	Hedge/Member	Mnth 2	Increase	USD	1,000	1,000	1,500	1,500
B4	Spec	Winter 2014	Increase	USD	1,100	1,000	1,650	1,500
B4	Hedge/Member	Winter 2014	Increase	USD	1,000	1,000	1,500	1,500
ANR OKLAHOMA (NE)								
NE	Spec	Mnth 2-5	Increase	USD	132	120	165	150
NE	Hedge/Member	Mnth 2-5	Increase	USD	120	120	150	150
CIG BASIS (CI)								
CI	Spec	Mnths 2-6	Increase	USD	110	100	220	200
CI	Hedge/Member	Mnths 2-6	Increase	USD	100	100	200	200
HENRY HUB INDEX FUT (IN)								
IN	Spec	Mnth 1-2	Decrease	USD	798	725	633	575
IN	Hedge/Member	Mnth 1-2	Decrease	USD	725	725	575	575
HOUSTON SHIP CHANNEL BASIS FUT (NH)								
NH	Spec	Mnth 2	Increase	USD	44	40	55	50
NH	Hedge/Member	Mnth 2	Increase	USD	40	40	50	50
NH	Spec	Mnths 3-6	Increase	USD	33	30	55	50
NH	Hedge/Member	Mnths 3-6	Increase	USD	30	30	50	50
NH	Spec	Mnths 7-12	Increase	USD	33	30	55	50
NH	Hedge/Member	Mnths 7-12	Increase	USD	30	30	50	50
NATURAL GAS PIPELINE TEXOK BASIS FUT (PD)								
PD	Spec	Mnths 2	Increase	USD	55	50	110	100
PD	Hedge/Member	Mnths 2	Increase	USD	50	50	100	100
PD	Spec	Mnths 3-6	Increase	USD	55	50	83	75
PD	Hedge/Member	Mnths 3-6	Increase	USD	50	50	75	75
PD	Spec	Mnths 7-12	Increase	USD	44	40	83	75
PD	Hedge/Member	Mnths 7-12	Increase	USD	40	40	75	75
PD	Spec	Mnths 13+	Increase	USD	55	50	110	100
PD	Hedge/Member	Mnths 13+	Increase	USD	50	50	100	100

SPAN MINIMUM PERFORMANCE BOND REQUIREMENTS

CC	Rate Type	Description	Change	ISO	Current Initial	Current Maintenance	New Initial	New Maintenance
Outright Rates								
NGPL MIDCONTINENT BASIS FUT (NL)								
NL	Spec	Mnth 1	Increase	USD	193	175	220	200
NL	Hedge/Member	Mnth 1	Increase	USD	175	175	200	200
NL	Spec	Mnth 2	Increase	USD	165	150	220	200
NL	Hedge/Member	Mnth 2	Increase	USD	150	150	200	200
NORTHWEST PIPELINE BASIS FUT (NR)								
NR	Spec	Mnths 7-9	Decrease	USD	110	100	83	75
NR	Hedge/Member	Mnths 7-9	Decrease	USD	100	100	75	75
NR	Spec	Mnths 10-16	Decrease	USD	110	100	83	75
NR	Hedge/Member	Mnths 10-16	Decrease	USD	100	100	75	75
NR	Spec	Mnths 17+	Decrease	USD	110	100	83	75
NR	Hedge/Member	Mnths 17+	Decrease	USD	100	100	75	75
ONEOK OKLAHOMA NG BASIS (8X)								
8X	Spec	Mnths 2+	Increase	USD	138	125	193	175
8X	Hedge/Member	Mnths 2+	Increase	USD	125	125	175	175
PANHANDLE BASIS FUT (PH)								
PH	Spec	Mnth 1	Increase	USD	220	200	303	275
PH	Hedge/Member	Mnth 1	Increase	USD	200	200	275	275
PH	Spec	Mnth 2	Increase	USD	94	85	275	250
PH	Hedge/Member	Mnth 2	Increase	USD	85	85	250	250
PH	Spec	Winter 2014	Increase	USD	94	85	165	150
PH	Hedge/Member	Winter 2014	Increase	USD	85	85	150	150
PH	Spec	Nov 2014+	Increase	USD	83	75	165	150
PH	Hedge/Member	Nov 2014+	Increase	USD	75	75	150	150
SAN JUAN BASIS FUT (NJ)								
NJ	Spec	Mths 2	Increase	USD	110	100	220	200
NJ	Hedge/Member	Mths 2	Increase	USD	100	100	200	200
SOCAL BASIS FUT (NS)								
NS	Spec	Mnth 3-6	Decrease	USD	138	125	83	75
NS	Hedge/Member	Mnth 3-6	Decrease	USD	125	125	75	75

SPAN MINIMUM PERFORMANCE BOND REQUIREMENTS

CC	Rate Type	Description	Change	ISO	Current Initial	Current Maintenance	New Initial	New Maintenance
Outright Rates								
SOCAL PIPE FUT (XN)								
XN	Spec	Mnth 1	Decrease	USD	770	700	633	575
XN	Hedge/Member	Mnth 1	Decrease	USD	700	700	575	575
XN	Spec	Mnth 2	Decrease	USD	660	600	550	500
XN	Hedge/Member	Mnth 2	Decrease	USD	600	600	500	500
XN	Spec	Mnths 3-6	Decrease	USD	660	600	523	475
XN	Hedge/Member	Mnths 3-6	Decrease	USD	600	600	475	475
XN	Spec	Mnths 7-12	Decrease	USD	660	600	495	450
XN	Hedge/Member	Mnths 7-12	Decrease	USD	600	600	450	450
XN	Spec	Mnths 13+	Decrease	USD	660	600	440	400
XN	Hedge/Member	Mnths 13+	Decrease	USD	600	600	400	400
SUMAS BASIS FUT (NK)								
NK	Spec	Mth 1	Increase	USD	330	300	440	400
NK	Hedge/Member	Mth 1	Increase	USD	300	300	400	400
TCO BASIS FUT (TC)								
TC	Spec	Mnth 1	Increase	USD	165	150	248	225
TC	Hedge/Member	Mnth 1	Increase	USD	150	150	225	225
TC	Spec	Mnths 2+	Increase	USD	165	150	248	225
TC	Hedge/Member	Mnths 2+	Increase	USD	150	150	225	225
TENNESSEE 800 LEG NG BASIS (6Z)								
6Z	Spec	Mnth 1	Decrease	USD	50	45	39	35
6Z	Hedge/Member	Mnth 1	Decrease	USD	45	45	35	35
6Z	Spec	Mnths 2+	Decrease	USD	44	40	33	30
6Z	Hedge/Member	Mnths 2+	Decrease	USD	40	40	30	30
TEXAS EASTERN ZONE M-3 BASIS FUT (NX)								
NX	Spec	Mth 1	Increase	USD	330	300	440	400
NX	Hedge/Member	Mth 1	Increase	USD	300	300	400	400
NX	Spec	Mth 2	Increase	USD	275	250	385	350
NX	Hedge/Member	Mth 2	Increase	USD	250	250	350	350
NX	Spec	Winter 2014	Increase	USD	220	200	330	300
NX	Hedge/Member	Winter 2014	Increase	USD	200	200	300	300
VENTURA BASIS FUT (PF)								
PF	Spec	Mnths 2-5	Decrease	USD	110	100	83	75
PF	Hedge/Member	Mnths 2-5	Decrease	USD	100	100	75	75
PF	Spec	Mnths 6+	Increase	USD	55	50	83	75
PF	Hedge/Member	Mnths 6+	Increase	USD	50	50	75	75

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

SPAN MINIMUM PERFORMANCE BOND REQUIREMENTS

CC	Rate Type	Description	Change	ISO	Current Initial	Current Maintenance	New Initial	New Maintenance
Intra Spreads								
FX - Intra Spreads								
Australian Dollar (AD) - All Months (AUSTRALIAN DOLLAR FUTURES)								
AD	Spec		Decrease	USD	55	50	44	40
AD	Hedge/Member		Decrease	USD	50	50	40	40
Australian Dollar (AD) - All Months (E-MICRO AUD/USD FUTURES)								
M6A	Spec		Decrease	USD	6	5	4	4
M6A	Hedge/Member		Decrease	USD	5	5	4	4
British Pound (BP) - All Months (BRITISH POUND FUTURES)								
BP	Spec		Decrease	USD	55	50	44	40
BP	Hedge/Member		Decrease	USD	50	50	40	40
British Pound (BP) - All Months (E-MICRO GBP/USD FUTURES)								
M6B	Spec		Decrease	USD	6	5	4	4
M6B	Hedge/Member		Decrease	USD	5	5	4	4
Canadian Dollar (CD) - All Months (CANADIAN DOLLAR FUTURES)								
CD	Spec		Decrease	USD	55	50	44	40
CD	Hedge/Member		Decrease	USD	50	50	40	40
Canadian Dollar (CD) - All Months (E-MICRO CAD/USD FUTURES)								
MCD	Spec		Decrease	USD	6	5	4	4
MCD	Hedge/Member		Decrease	USD	5	5	4	4
Cross Rate Chinese Renminbi/Euro - All Months (EURO/RENMINBI FUTURE)								
RME	Spec		Decrease	EUR	1,100	1,000	550	500
RME	Hedge/Member		Decrease	EUR	1,000	1,000	500	500
Cross Rate Euro FX /Polish Zloty (Z) - All Months (POLISH ZLOTY/EURO FX FUTURES)								
Z	Spec		Decrease	EUR	495	450	385	350
Z	Hedge/Member		Decrease	EUR	450	450	350	350
Cross Rate Euro FX/Hungarian Forint (R) - All Months (HUNGARIAN FORINT/ EURO FX FUTURES)								
R	Spec		Decrease	EUR	660	600	495	450
R	Hedge/Member		Decrease	EUR	600	600	450	450
Cross Rate Euro FX/Japanese Yen - All Months (EURO FX/JY FUTURE)								
RY	Spec		Increase	JPY	8,800	8,000	17,600	16,000
RY	Hedge/Member		Increase	JPY	8,000	8,000	16,000	16,000
Cross Rate Swiss Franc/Japanese Yen - All Months (SFJY FUTURES)								
SJ	Spec		Increase	JPY	22,000	20,000	44,000	40,000
SJ	Hedge/Member		Increase	JPY	20,000	20,000	40,000	40,000

SPAN MINIMUM PERFORMANCE BOND REQUIREMENTS

CC	Rate Type	Description	Change	ISO	Current Initial	Current Maintenance	New Initial	New Maintenance
Intra Spreads								
Czech Koruna (CZ) - All Months (CZECH KORUNA FUTURES)								
CZ	Spec		Increase	USD	193	175	248	225
CZ	Hedge/Member		Increase	USD	175	175	225	225
Euro FX (EC) - All Months (E-MICRO EUR/USD FUTURES)								
M6E	Spec		Decrease	USD	6	5	4	4
M6E	Hedge/Member		Decrease	USD	5	5	4	4
Euro FX (EC) - All Months (E-MINI EURO FX FUTURE)								
E7	Spec		Decrease	USD	28	25	22	20
E7	Hedge/Member		Decrease	USD	25	25	20	20
Euro FX (EC) - All Months (EURO FUTURE)								
EC	Spec		Decrease	USD	55	50	44	40
EC	Hedge/Member		Decrease	USD	50	50	40	40
Hungarian Forint (FR) - All Months (HUNGARIAN FORINT (USD) FUTURES)								
FR	Spec		Increase	USD	385	350	495	450
FR	Hedge/Member		Increase	USD	350	350	450	450
Japanese Yen (JY) - All Months (E-MICRO JPY/USD)								
MJY	Spec		Decrease	USD	17	15	13	12
MJY	Hedge/Member		Decrease	USD	15	15	12	12
Japanese Yen (JY) - All Months (E-MINI J-YEN FUTURE)								
J7	Spec		Decrease	USD	83	75	66	60
J7	Hedge/Member		Decrease	USD	75	75	60	60
Japanese Yen (JY) - All Months (JAPANESE YEN FUTURES)								
JY	Spec		Decrease	USD	165	150	132	120
JY	Hedge/Member		Decrease	USD	150	150	120	120
Mexican Peso (MP) - All Months (MEXICAN PESO FUTURES)								
MP	Spec		Decrease	USD	330	300	220	200
MP	Hedge/Member		Decrease	USD	300	300	200	200
New Zealand Dollar (NE) - All Months (NEW ZEALAND FUTURES)								
NE	Spec		Decrease	USD	55	50	44	40
NE	Hedge/Member		Decrease	USD	50	50	40	40
Norwegian Krone - All Months (NKR/USD FUTURES)								
UN	Spec		Decrease	USD	550	500	440	400
UN	Hedge/Member		Decrease	USD	500	500	400	400

SPAN MINIMUM PERFORMANCE BOND REQUIREMENTS

CC	Rate Type	Description	Change	ISO	Current Initial	Current Maintenance	New Initial	New Maintenance
Intra Spreads								
Polish Zloty (PZ) - All Months (POLISH ZLOTY FUTURES)								
PZ	Spec		Decrease	USD	330	300	220	200
PZ	Hedge/Member		Decrease	USD	300	300	200	200
Swiss Franc - All Months (E-MICRO CHF/USD FUTURES)								
MSF	Spec		Decrease	USD	17	15	13	12
MSF	Hedge/Member		Decrease	USD	15	15	12	12
Swiss Franc - All Months (SWISS FRANC FUTURES)								
SF	Spec		Decrease	USD	165	150	132	120
SF	Hedge/Member		Decrease	USD	150	150	120	120
Turkish Lira FX (USD) - All months (U.S. DOLLAR TURKISH LIRA FUTURES)								
TRY	Spec		Increase	TRY	1,100	1,000	1,375	1,250
TRY	Hedge/Member		Increase	TRY	1,000	1,000	1,250	1,250

SPAN MINIMUM PERFORMANCE BOND REQUIREMENTS

CC	Rate Type	Description	Change	ISO	Current Initial	Current Maintenance	New Initial	New Maintenance
Intra Spreads								
INTEREST RATES - Intra Spreads								
Eurodollar (ED) - 1 Year Butterfly [Mo. 01] (EURODOLLAR FUTURES)								
ED	Spec		Increase	USD	110	100	138	125
ED	Hedge/Member		Increase	USD	100	100	125	125
Eurodollar (ED) - 1 Year Butterfly [Mo. 18] (EURODOLLAR FUTURES)								
ED	Spec		Increase	USD	28	25	83	75
ED	Hedge/Member		Increase	USD	25	25	75	75
Eurodollar (ED) - 1 Year Butterfly [Mo. 19] (EURODOLLAR FUTURES)								
ED	Spec		Increase	USD	28	25	83	75
ED	Hedge/Member		Increase	USD	25	25	75	75
Eurodollar (ED) - 1 Year Butterfly [Mo. 20] (EURODOLLAR FUTURES)								
ED	Spec		Increase	USD	28	25	83	75
ED	Hedge/Member		Increase	USD	25	25	75	75
Eurodollar (ED) - 3 Month Butterfly [Mo. 01] (EURODOLLAR FUTURES)								
ED	Spec		Decrease	USD	110	100	83	75
ED	Hedge/Member		Decrease	USD	100	100	75	75
Eurodollar (ED) - 3 Month Butterfly [Mo. 03] (EURODOLLAR FUTURES)								
ED	Spec		Decrease	USD	28	25	11	10
ED	Hedge/Member		Decrease	USD	25	25	10	10
Eurodollar (ED) - 3 Month Butterfly [Mo. 04] (EURODOLLAR FUTURES)								
ED	Spec		Decrease	USD	28	25	11	10
ED	Hedge/Member		Decrease	USD	25	25	10	10
Eurodollar (ED) - 3 Month Butterfly [Mo. 05] (EURODOLLAR FUTURES)								
ED	Spec		Decrease	USD	55	50	11	10
ED	Hedge/Member		Decrease	USD	50	50	10	10
Eurodollar (ED) - 3 Month Butterfly [Mo. 06] (EURODOLLAR FUTURES)								
ED	Spec		Decrease	USD	55	50	11	10
ED	Hedge/Member		Decrease	USD	50	50	10	10
Eurodollar (ED) - 3 Month Butterfly [Mo. 07] (EURODOLLAR FUTURES)								
ED	Spec		Decrease	USD	28	25	11	10
ED	Hedge/Member		Decrease	USD	25	25	10	10
Eurodollar (ED) - 3 Month Butterfly [Mo. 08] (EURODOLLAR FUTURES)								
ED	Spec		Decrease	USD	28	25	11	10
ED	Hedge/Member		Decrease	USD	25	25	10	10

SPAN MINIMUM PERFORMANCE BOND REQUIREMENTS

CC	Rate Type	Description	Change	ISO	Current Initial	Current Maintenance	New Initial	New Maintenance
Intra Spreads								
Eurodollar (ED) - 3 Month Butterfly [Mo. 09] (EURODOLLAR FUTURES)								
ED	Spec		Decrease	USD	55	50	28	25
ED	Hedge/Member		Decrease	USD	50	50	25	25
Eurodollar (ED) - 3 Month Butterfly [Mo. 10] (EURODOLLAR FUTURES)								
ED	Spec		Decrease	USD	55	50	28	25
ED	Hedge/Member		Decrease	USD	50	50	25	25
Eurodollar (ED) - 3 Month Butterfly [Mo. 13] (EURODOLLAR FUTURES)								
ED	Spec		Decrease	USD	55	50	28	25
ED	Hedge/Member		Decrease	USD	50	50	25	25
Eurodollar (ED) - 3 Month Butterfly [Mo. 14] (EURODOLLAR FUTURES)								
ED	Spec		Decrease	USD	55	50	28	25
ED	Hedge/Member		Decrease	USD	50	50	25	25
Eurodollar (ED) - 3 Month Butterfly [Mo. 19] (EURODOLLAR FUTURES)								
ED	Spec		Increase	USD	28	25	55	50
ED	Hedge/Member		Increase	USD	25	25	50	50
Eurodollar (ED) - 3 Month Butterfly [Mo. 20] (EURODOLLAR FUTURES)								
ED	Spec		Increase	USD	28	25	55	50
ED	Hedge/Member		Increase	USD	25	25	50	50
Eurodollar (ED) - 6 Month Butterfly [Mo. 02] (EURODOLLAR FUTURES)								
ED	Spec		Decrease	USD	55	50	11	10
ED	Hedge/Member		Decrease	USD	50	50	10	10
Eurodollar (ED) - 6 Month Butterfly [Mo. 03] (EURODOLLAR FUTURES)								
ED	Spec		Decrease	USD	138	125	55	50
ED	Hedge/Member		Decrease	USD	125	125	50	50
Eurodollar (ED) - 6 Month Butterfly [Mo. 04] (EURODOLLAR FUTURES)								
ED	Spec		Decrease	USD	138	125	55	50
ED	Hedge/Member		Decrease	USD	125	125	50	50
Eurodollar (ED) - 6 Month Butterfly [Mo. 05] (EURODOLLAR FUTURES)								
ED	Spec		Decrease	USD	28	25	11	10
ED	Hedge/Member		Decrease	USD	25	25	10	10
Eurodollar (ED) - 6 Month Butterfly [Mo. 06] (EURODOLLAR FUTURES)								
ED	Spec		Decrease	USD	28	25	11	10
ED	Hedge/Member		Decrease	USD	25	25	10	10

SPAN MINIMUM PERFORMANCE BOND REQUIREMENTS

CC	Rate Type	Description	Change	ISO	Current Initial	Current Maintenance	New Initial	New Maintenance
Intra Spreads								
Eurodollar (ED) - 6 Month Butterfly [Mo. 15] (EURODOLLAR FUTURES)								
ED	Spec		Decrease	USD	83	75	55	50
ED	Hedge/Member		Decrease	USD	75	75	50	50
Eurodollar (ED) - 6 Month Butterfly [Mo. 16] (EURODOLLAR FUTURES)								
ED	Spec		Decrease	USD	83	75	55	50
ED	Hedge/Member		Decrease	USD	75	75	50	50
Eurodollar (ED) - 6 Month Butterfly [Mo. 17] (EURODOLLAR FUTURES)								
ED	Spec		Increase	USD	55	50	83	75
ED	Hedge/Member		Increase	USD	50	50	75	75
Eurodollar (ED) - 6 Month Butterfly [Mo. 18] (EURODOLLAR FUTURES)								
ED	Spec		Increase	USD	28	25	83	75
ED	Hedge/Member		Increase	USD	25	25	75	75
Eurodollar (ED) - 6 Month Butterfly [Mo. 19] (EURODOLLAR FUTURES)								
ED	Spec		Increase	USD	28	25	83	75
ED	Hedge/Member		Increase	USD	25	25	75	75
Eurodollar (ED) - 6 Month Butterfly [Mo. 20] (EURODOLLAR FUTURES)								
ED	Spec		Increase	USD	28	25	83	75
ED	Hedge/Member		Increase	USD	25	25	75	75
Eurodollar (ED) - Butterfly [Mo. 02] (EURODOLLAR FUTURES)								
ED	Spec		Decrease	USD	83	75	28	25
ED	Hedge/Member		Decrease	USD	75	75	25	25
Eurodollar (ED) - Butterfly [Mo. 03] (EURODOLLAR FUTURES)								
ED	Spec		Decrease	USD	55	50	28	25
ED	Hedge/Member		Decrease	USD	50	50	25	25
Eurodollar (ED) - Butterfly [Mo. 07] (EURODOLLAR FUTURES)								
ED	Spec		Decrease	USD	28	25	11	10
ED	Hedge/Member		Decrease	USD	25	25	10	10
Eurodollar (ED) - Butterfly [Mo. 08] (EURODOLLAR FUTURES)								
ED	Spec		Decrease	USD	28	25	11	10
ED	Hedge/Member		Decrease	USD	25	25	10	10
Eurodollar (ED) - Butterfly [Mo. 11] (EURODOLLAR FUTURES)								
ED	Spec		Decrease	USD	28	25	11	10
ED	Hedge/Member		Decrease	USD	25	25	10	10

SPAN MINIMUM PERFORMANCE BOND REQUIREMENTS

CC	Rate Type	Description	Change	ISO	Current Initial	Current Maintenance	New Initial	New Maintenance
Intra Spreads								
Eurodollar (ED) - Butterfly [Mo. 12] (EURODOLLAR FUTURES)								
ED	Spec		Decrease	USD	28	25	11	10
ED	Hedge/Member		Decrease	USD	25	25	10	10
Eurodollar (ED) - Tier 3 vs. Tier 4 [mth 09-12 vs. mth 13-16] (EURODOLLAR FUTURES)								
ED	Spec		Increase	USD	204	185	314	285
ED	Hedge/Member		Increase	USD	185	185	285	285

SPAN MINIMUM PERFORMANCE BOND REQUIREMENTS

CC	Rate Type	Description	Change	ISO	Current Initial	Current Maintenance	New Initial	New Maintenance
Intra Spreads								
NGL/PETROCHEMICALS - Intra Spreads								
Conway Natural Gasoline (OPIS) Swap - All Months (CONWAY NAT GASOLINE FUT)								
8L	Spec		Increase	USD	1,925	1,750	2,750	2,500
8L	Hedge/Member		Increase	USD	1,750	1,750	2,500	2,500
Conway Normal Butane (OPIS) Swap - All Months (CONWAY NORMAL BUTANE FUT)								
8M	Spec		Increase	USD	825	750	1,650	1,500
8M	Hedge/Member		Increase	USD	750	750	1,500	1,500
HDPE High Density Polyethylene (PCW) Calendar Swap Futures - All Months (HDPE HIGH DEN POLYETHYLENE CAL FUT)								
HPE	Spec		Increase	USD	770	700	1,540	1,400
HPE	Hedge/Member		Increase	USD	700	700	1,400	1,400
Mont Belvieu Ethane (OPIS) Swap - Tier 1 vs. Tier 1 (ETHANE 5 DECIMAL)								
C0	Spec		Decrease	USD	440	400	330	300
C0	Hedge/Member		Decrease	USD	400	400	300	300
Mont Belvieu Ethane (OPIS) Swap - Tier 1 vs. Tier 2 (ETHANE 5 DECIMAL)								
C0	Spec		Decrease	USD	440	400	330	300
C0	Hedge/Member		Decrease	USD	400	400	300	300
Mont Belvieu Ethane (OPIS) Swap - Tier 2 vs. Tier 2 (ETHANE 5 DECIMAL)								
C0	Spec		Decrease	USD	440	400	330	300
C0	Hedge/Member		Decrease	USD	400	400	300	300
Mont Belvieu Ethylene (PCW) Financial Swap Futures - All Months (MT. BELVIEU ETHYLENE(PCW) FIN FUT)								
MBN	Spec		Increase	USD	2,750	2,500	3,850	3,500
MBN	Hedge/Member		Increase	USD	2,500	2,500	3,500	3,500
Mont Belvieu Isobutane (OPIS) Swap - All Months (MT BELVIEU ISO BUTANE 5 DEC. S)								
8I	Spec		Decrease	USD	3,575	3,250	2,750	2,500
8I	Hedge/Member		Decrease	USD	3,250	3,250	2,500	2,500
Mont Belvieu Natural Gasoline (OPIS) Swap - All Months (MONT BELVIEU NAT GAS (OPIS) FUT)								
W3	Spec		Decrease	USD	2,475	2,250	1,650	1,500
W3	Hedge/Member		Decrease	USD	2,250	2,250	1,500	1,500
Mont Belvieu Natural Gasoline (OPIS) Swap - All Months (MT BELVIEU NAT GAS 5 D. OPIS)								
7Q	Spec		Decrease	USD	2,475	2,250	1,650	1,500
7Q	Hedge/Member		Decrease	USD	2,250	2,250	1,500	1,500
Mt Belvieu Propane (OPIS) Swap - All Months (MT. BELVIEU MINI LDH PROPANE FUT)								
81	Spec		Decrease	USD	72	65	55	50
81	Hedge/Member		Decrease	USD	65	65	50	50

SPAN MINIMUM PERFORMANCE BOND REQUIREMENTS

CC	Rate Type	Description	Change	ISO	Current Initial	Current Maintenance	New Initial	New Maintenance
Intra Spreads								
Mt Belvieu Propane (OPIS) Swap - All Months (PROPANE 5 DECIMAL)								
B0	Spec		Decrease	USD	715	650	550	500
B0	Hedge/Member		Decrease	USD	650	650	500	500
PGP Polymer Grade Propylene (PCW) Calendar Swap Futures - All Months (PGP POLYMER GRD PROPYLENE CAL FUT)								
PGP	Spec		Increase	USD	1,650	1,500	3,300	3,000
PGP	Hedge/Member		Increase	USD	1,500	1,500	3,000	3,000

Rate Type	Change	Ratio	Current Initial	Current Maintenance	New Initial	New Maintenance
Inter-commodity Spread Rates						
REFINED PRODUCTS - Inter-commodity Spread Rates						
EUROPEAN 1% FUEL OIL CARGOES FOB MED (PLATTS) SWAP FUTURES (NY-EFM - CME) vs EUROPEAN 1% FUEL OIL (PLATTS) CARGOES FOB NWE CALENDAR SWAP FUTURES (NY-UF - CME)						
Spread Credit Rate	New	+1:-1			65%	65%