



CH 16 - 389

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

FROM: CME Clearing

SUBJECT: Performance Bond Requirements

DATE: Thursday, September 29, 2016

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

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

and subscribe to the Performance Bond Rates Advisory Notice listserver.

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

The rates will be effective after the close of business on

Friday, September 30, 2016.

Current rates as of:

Thursday, September 29, 2016.

In this current advisory there are changes to the Short Option Minimum and/or the Volatility Scan Range. Below are descriptions of what each change affects:

The Short Option Minimum (SOM) is a charge that is applied only to portfolios concentrated in short options that do not generate a minimum margin requirement level when margins are calculated using the normal 16 SPAN scenarios. The SOM charge per short calls or short puts is a percentage of the outright margin on one underlying futures contract.

The volatility scan range is the change in implied volatility that is used in each of SPAN's 16 scenarios.

SPAN MINIMUM PERFORMANCE BOND REQUIREMENTS

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

COAL - Outright Rates

COAL API2 CIF ARA ARG-MCCLOSKEY FUT (MTF)								
MTF	Spec	Month 1	Increase	USD	3,245	2,950	4,054	3,685
MTF	Hedge/Member	Month 1	Increase	USD	2,950	2,950	3,685	3,685
MTF	Spec	Mth 2-6	Increase	USD	3,190	2,900	3,988	3,625
MTF	Hedge/Member	Mth 2-6	Increase	USD	2,900	2,900	3,625	3,625
MTF	Spec	Mth 7-11	Increase	USD	3,190	2,900	3,988	3,625
MTF	Hedge/Member	Mth 7-11	Increase	USD	2,900	2,900	3,625	3,625
MTF	Spec	Mnths 12-23	Increase	USD	3,190	2,900	3,988	3,625
MTF	Hedge/Member	Mnths 12-23	Increase	USD	2,900	2,900	3,625	3,625
MTF	Spec	Mnths 24+	Increase	USD	3,190	2,900	3,988	3,625
MTF	Hedge/Member	Mnths 24+	Increase	USD	2,900	2,900	3,625	3,625
COAL API4 RCH BAY ARGS MCCLOSKEY FUT (MFF)								
MFF	Spec	Mnth 1	Increase	USD	3,245	2,950	4,054	3,685
MFF	Hedge/Member	Mnth 1	Increase	USD	2,950	2,950	3,685	3,685
MFF	Spec	Mnths 2-6	Increase	USD	3,190	2,900	3,988	3,625
MFF	Hedge/Member	Mnths 2-6	Increase	USD	2,900	2,900	3,625	3,625
MFF	Spec	Mnths 7-11	Increase	USD	3,190	2,900	3,988	3,625
MFF	Hedge/Member	Mnths 7-11	Increase	USD	2,900	2,900	3,625	3,625
MFF	Spec	Mnths 12-23	Increase	USD	3,245	2,950	3,988	3,625
MFF	Hedge/Member	Mnths 12-23	Increase	USD	2,950	2,950	3,625	3,625
MFF	Spec	Mnths 24+	Increase	USD	3,300	3,000	4,125	3,750
MFF	Hedge/Member	Mnths 24+	Increase	USD	3,000	3,000	3,750	3,750
EASTERN RAIL DELIVERY CSX COAL FUT (QX)								
QX	Spec	Mths 1	Increase	USD	2,970	2,700	3,850	3,500
QX	Hedge/Member	Mths 1	Increase	USD	2,700	2,700	3,500	3,500
QX	Spec	Mths 2-3	Increase	USD	2,860	2,600	3,718	3,380
QX	Hedge/Member	Mths 2-3	Increase	USD	2,600	2,600	3,380	3,380
QX	Spec	Mths 4-6	Increase	USD	2,640	2,400	3,432	3,120
QX	Hedge/Member	Mths 4-6	Increase	USD	2,400	2,400	3,120	3,120
QX	Spec	Mnths 7-11	Increase	USD	2,585	2,350	3,465	3,150
QX	Hedge/Member	Mnths 7-11	Increase	USD	2,350	2,350	3,150	3,150
QX	Spec	Mnths 12+	Increase	USD	2,915	2,650	3,790	3,445
QX	Hedge/Member	Mnths 12+	Increase	USD	2,650	2,650	3,445	3,445
WESTERN RAIL DELIVERY PRB COAL FUT (QP)								
QP	Spec	Mnth 2	Increase	USD	660	600	792	720
QP	Hedge/Member	Mnth 2	Increase	USD	600	600	720	720
QP	Spec	Mnths 3-6	Increase	USD	715	650	858	780

SPAN MINIMUM PERFORMANCE BOND REQUIREMENTS

CC	Rate Type	Description	Change	ISO	Current Initial	Current Maintenance	New Initial	New Maintenance
Outright Rates								
QP	Hedge/Member	Mnths 3-6	Increase	USD	650	650	780	780
QP	Spec	Mnth 7+	Increase	USD	770	700	924	840
QP	Hedge/Member	Mnth 7+	Increase	USD	700	700	840	840

SPAN MINIMUM PERFORMANCE BOND REQUIREMENTS

CC	Rate Type	Description	Change	ISO	Current Initial	Current Maintenance	New Initial	New Maintenance
Outright Rates								
ELECTRICITY - Outright Rates								
ISO NEW ENG MASS HUB DA OP DAILY (IDO)								
IDO	Spec	Days 1-10	Increase	USD	220	200	275	250
IDO	Hedge/Member	Days 1-10	Increase	USD	200	200	250	250
ISO NEW ENG MASS HUB DA OP DAILY (NCO)								
NCO	Spec	Days 1 - 11	Increase	USD	165	150	176	160
NCO	Hedge/Member	Days 1 - 11	Increase	USD	150	150	160	160
NCO	Spec	Days 12 - 15	Increase	USD	165	150	176	160
NCO	Hedge/Member	Days 12 - 15	Increase	USD	150	150	160	160
ISO NEW ENGLAND OFF-PEAK LMP FUT (KI)								
KI	Spec	Mnth 1	Increase	USD	4,620	4,200	5,544	5,040
KI	Hedge/Member	Mnth 1	Increase	USD	4,200	4,200	5,040	5,040
KI	Spec	Mnth 2	Increase	USD	4,620	4,200	5,544	5,040
KI	Hedge/Member	Mnth 2	Increase	USD	4,200	4,200	5,040	5,040
KI	Spec	Mnths 3-5	Increase	USD	2,750	2,500	3,300	3,000
KI	Hedge/Member	Mnths 3-5	Increase	USD	2,500	2,500	3,000	3,000
ISO NEW ENGLAND PEAK LMP FUT (NI)								
NI	Spec	Mnth 1	Increase	USD	5,500	5,000	6,600	6,000
NI	Hedge/Member	Mnth 1	Increase	USD	5,000	5,000	6,000	6,000
NI	Spec	Mnth 2	Increase	USD	5,500	5,000	6,600	6,000
NI	Hedge/Member	Mnth 2	Increase	USD	5,000	5,000	6,000	6,000
NI	Spec	Mnths 3-5	Increase	USD	3,850	3,500	4,620	4,200
NI	Hedge/Member	Mnths 3-5	Increase	USD	3,500	3,500	4,200	4,200
MISO INDIANA HUB 5MW OFPK CALDAY DA (FAD)								
FAD	Spec	Days 1-11	Increase	USD	149	135	182	165
FAD	Hedge/Member	Days 1-11	Increase	USD	135	135	165	165
MISO INDIANA HUB 5MW OFPK CALDAY RT (FTD)								
FTD	Spec	Days 1-11	Increase	USD	165	150	176	160
FTD	Hedge/Member	Days 1-11	Increase	USD	150	150	160	160
MISO INDIANA HUB 5MW PK CAL DAYHD (PDD)								
PDD	Spec	Days 1-11	Increase	USD	2,200	2,000	2,640	2,400
PDD	Hedge/Member	Days 1-11	Increase	USD	2,000	2,000	2,400	2,400
PDD	Spec	Days 12-15	Increase	USD	1,320	1,200	1,650	1,500
PDD	Hedge/Member	Days 12-15	Increase	USD	1,200	1,200	1,500	1,500
PDD	Spec	Days 16+	Increase	USD	1,320	1,200	1,650	1,500
PDD	Hedge/Member	Days 16+	Increase	USD	1,200	1,200	1,500	1,500

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 PK CAL-DAY RT (PTD)								
PTD	Spec	Days 1-11	Increase	USD	3,300	3,000	3,850	3,500
PTD	Hedge/Member	Days 1-11	Increase	USD	3,000	3,000	3,500	3,500
PTD	Spec	Days 12-15	Increase	USD	1,650	1,500	1,980	1,800
PTD	Hedge/Member	Days 12-15	Increase	USD	1,500	1,500	1,800	1,800
PTD	Spec	Days 16+	Increase	USD	1,650	1,500	1,980	1,800
PTD	Hedge/Member	Days 16+	Increase	USD	1,500	1,500	1,800	1,800
NEPOOL CONECTIC 5MW D AH PK (P2)								
P2	Spec	Mnth 2	Increase	USD	440	400	528	480
P2	Hedge/Member	Mnth 2	Increase	USD	400	400	480	480
P2	Spec	Mnths 3-5	Increase	USD	440	400	528	480
P2	Hedge/Member	Mnths 3-5	Increase	USD	400	400	480	480
NEPOOL INTR HUB 5MW D AH O PK (H2)								
H2	Spec	Mnth 2	Increase	USD	28	25	33	30
H2	Hedge/Member	Mnth 2	Increase	USD	25	25	30	30
H2	Spec	Mnths 3-4	Increase	USD	17	15	22	20
H2	Hedge/Member	Mnths 3-4	Increase	USD	15	15	20	20
NEPOOL INTR HUB 5MW D AH PK (U6)								
U6	Spec	Month 1	Increase	USD	660	600	770	700
U6	Hedge/Member	Month 1	Increase	USD	600	600	700	700
U6	Spec	Month 2	Increase	USD	440	400	528	480
U6	Hedge/Member	Month 2	Increase	USD	400	400	480	480
U6	Spec	Mnths 3-5	Increase	USD	303	275	363	330
U6	Hedge/Member	Mnths 3-5	Increase	USD	275	275	330	330
NEPOOL NE MASS 5MW D AH PK (P7)								
P7	Spec	Mnth 1	Increase	USD	660	600	792	720
P7	Hedge/Member	Mnth 1	Increase	USD	600	600	720	720
P7	Spec	Mnth 2	Increase	USD	550	500	660	600
P7	Hedge/Member	Mnth 2	Increase	USD	500	500	600	600
P7	Spec	Mnths 3-5	Increase	USD	605	550	726	660
P7	Hedge/Member	Mnths 3-5	Increase	USD	550	550	660	660
NEPOOL RHD ISLD 5MW D AH PK (U4)								
U4	Spec	Mnth 2	Increase	USD	605	550	682	620
U4	Hedge/Member	Mnth 2	Increase	USD	550	550	620	620
U4	Spec	Mnths 3-4	Increase	USD	440	400	550	500
U4	Hedge/Member	Mnths 3-4	Increase	USD	400	400	500	500
U4	Spec	Mnths 5-11	Increase	USD	275	250	330	300
U4	Hedge/Member	Mnths 5-11	Increase	USD	250	250	300	300

SPAN MINIMUM PERFORMANCE BOND REQUIREMENTS

CC	Rate Type	Description	Change	ISO	Current Initial	Current Maintenance	New Initial	New Maintenance
Outright Rates								
NEPOOL RHODE IL 5MW D AH O PK (U5)								
U5	Spec	Mnth 1	Increase	USD	28	25	33	30
U5	Hedge/Member	Mnth 1	Increase	USD	25	25	30	30
U5	Spec	Mnth 2	Increase	USD	22	20	28	25
U5	Hedge/Member	Mnth 2	Increase	USD	20	20	25	25
U5	Spec	Mnths 3-4	Increase	USD	22	20	28	25
U5	Hedge/Member	Mnths 3-4	Increase	USD	20	20	25	25
NEPOOL W CNT MASS 5MW D AH O PK (L9)								
L9	Spec	Mnth 1	Increase	USD	28	25	33	30
L9	Hedge/Member	Mnth 1	Increase	USD	25	25	30	30
L9	Spec	Mnth 2	Increase	USD	22	20	28	25
L9	Hedge/Member	Mnth 2	Increase	USD	20	20	25	25
L9	Spec	Mnths 3-5	Increase	USD	22	20	28	25
L9	Hedge/Member	Mnths 3-5	Increase	USD	20	20	25	25
NEPOOL W CNTR M 5MW D AH PK (R6)								
R6	Spec	Mnth 2	Increase	USD	495	450	605	550
R6	Hedge/Member	Mnth 2	Increase	USD	450	450	550	550
R6	Spec	Mnths 3-5	Increase	USD	385	350	462	420
R6	Hedge/Member	Mnths 3-5	Increase	USD	350	350	420	420
NEW ENGLAND HUB PEAK DAILY (CE)								
CE	Spec	Days 16+	Increase	USD	3,300	3,000	3,850	3,500
CE	Hedge/Member	Days 16+	Increase	USD	3,000	3,000	3,500	3,500
NEW YORK HUB ZONE J PEAK DAILY (JN)								
JN	Spec	Days 1-8	Increase	USD	2,750	2,500	3,168	2,880
JN	Hedge/Member	Days 1-8	Increase	USD	2,500	2,500	2,880	2,880
JN	Spec	Days 9-15	Increase	USD	2,640	2,400	3,168	2,880
JN	Hedge/Member	Days 9-15	Increase	USD	2,400	2,400	2,880	2,880
NORTHERN ILLINOIS OFF-PEAK MONTHLY (UO)								
UO	Spec	Mnth 1	Increase	USD	2,750	2,500	3,300	3,000
UO	Hedge/Member	Mnth 1	Increase	USD	2,500	2,500	3,000	3,000
UO	Spec	Mnth 2	Increase	USD	1,925	1,750	2,310	2,100
UO	Hedge/Member	Mnth 2	Increase	USD	1,750	1,750	2,100	2,100
UO	Spec	Mnths 3-5	Increase	USD	1,650	1,500	1,980	1,800
UO	Hedge/Member	Mnths 3-5	Increase	USD	1,500	1,500	1,800	1,800

SPAN MINIMUM PERFORMANCE BOND REQUIREMENTS

CC	Rate Type	Description	Change	ISO	Current Initial	Current Maintenance	New Initial	New Maintenance
Outright Rates								
NYISO REST OF STATE CAPACITY CAL MO (NRS)								
NRS	Spec	Mnth 2	Increase	USD	4,070	3,700	4,455	4,050
NRS	Hedge/Member	Mnth 2	Increase	USD	3,700	3,700	4,050	4,050
NRS	Spec	Mnths 3-6	Increase	USD	3,850	3,500	4,235	3,850
NRS	Hedge/Member	Mnths 3-6	Increase	USD	3,500	3,500	3,850	3,850
NRS	Spec	Mnths 7+	Increase	USD	3,630	3,300	4,180	3,800
NRS	Hedge/Member	Mnths 7+	Increase	USD	3,300	3,300	3,800	3,800
NYISO ZONE A DA OP DAILY (ZAO)								
ZAO	Spec	Days 1-10	Increase	USD	165	150	198	180
ZAO	Hedge/Member	Days 1-10	Increase	USD	150	150	180	180
NYISO ZONE A LBMP FUT (AN)								
AN	Spec	Days 7-15	Increase	USD	2,750	2,500	3,300	3,000
AN	Hedge/Member	Days 7-15	Increase	USD	2,500	2,500	3,000	3,000
NYISO ZONE G DA OP DAILY (ZGO)								
ZGO	Spec	Days 1-10	Increase	USD	220	200	275	250
ZGO	Hedge/Member	Days 1-10	Increase	USD	200	200	250	250
ONTARIO OFF-PK CALENDAR DAY FUTURES (OFD)								
OFD	Spec	Days 16+	Increase	CAD	121	110	132	120
OFD	Hedge/Member	Days 16+	Increase	CAD	110	110	120	120
ONTARIO PEAK CAL-DAY FUTURES (OPD)								
OPD	Spec	Days 1-11	Increase	CAD	3,300	3,000	3,850	3,500
OPD	Hedge/Member	Days 1-11	Increase	CAD	3,000	3,000	3,500	3,500
PJM AD HUB 5MW REAL TIME O PK (V3)								
V3	Spec	Mnths 3-4	Increase	USD	11	10	17	15
V3	Hedge/Member	Mnths 3-4	Increase	USD	10	10	15	15
PJM AD HUB 5MW REAL TIME PK (Z9)								
Z9	Spec	Mnth 2	Increase	USD	303	275	330	300
Z9	Hedge/Member	Mnth 2	Increase	USD	275	275	300	300
Z9	Spec	Mnths 3-4	Increase	USD	248	225	275	250
Z9	Hedge/Member	Mnths 3-4	Increase	USD	225	225	250	250
PJM AECO DA PEAK (Y1)								
Y1	Spec	Mnth 2	Increase	USD	358	325	429	390
Y1	Hedge/Member	Mnth 2	Increase	USD	325	325	390	390
Y1	Spec	Mnths 3-5	Increase	USD	330	300	396	360
Y1	Hedge/Member	Mnths 3-5	Increase	USD	300	300	360	360

SPAN MINIMUM PERFORMANCE BOND REQUIREMENTS

CC	Rate Type	Description	Change	ISO	Current Initial	Current Maintenance	New Initial	New Maintenance
Outright Rates								
PJM AEP DAYTON HUB DA OP DAILY (PEO)								
PEO	Spec	Days 1 - 11	Increase	USD	165	150	176	160
PEO	Hedge/Member	Days 1 - 11	Increase	USD	150	150	160	160
PJM AEP DAYTON HUB DA PEAK DAILY (PAP)								
PAP	Spec	Days 1-11	Increase	USD	2,750	2,500	3,300	3,000
PAP	Hedge/Member	Days 1-11	Increase	USD	2,500	2,500	3,000	3,000
PJM APS ZONE DA OFF-PEAK (W4)								
W4	Spec	Mnth 2	Increase	USD	17	15	22	20
W4	Hedge/Member	Mnth 2	Increase	USD	15	15	20	20
PJM BGE DA OFF-PEAK (R3)								
R3	Spec	Mnth 2	Increase	USD	17	15	22	20
R3	Hedge/Member	Mnth 2	Increase	USD	15	15	20	20
PJM COMED 5MW D AH O PK (D9)								
D9	Spec	Mnth 2	Increase	USD	11	10	17	15
D9	Hedge/Member	Mnth 2	Increase	USD	10	10	15	15
D9	Spec	Mnths 3-4	Increase	USD	11	10	17	15
D9	Hedge/Member	Mnths 3-4	Increase	USD	10	10	15	15
PJM DAILY (JD)								
JD	Spec	Days 1-6	Increase	USD	3,520	3,200	3,630	3,300
JD	Hedge/Member	Days 1-6	Increase	USD	3,200	3,200	3,300	3,300
PJM DAYTON DA OFF-PEAK (R7)								
R7	Spec	Mnths 3-11	Increase	USD	11	10	17	15
R7	Hedge/Member	Mnths 3-11	Increase	USD	10	10	15	15
PJM DAYTON DA PEAK (D7)								
D7	Spec	Mnth 2	Increase	USD	248	225	297	270
D7	Hedge/Member	Mnth 2	Increase	USD	225	225	270	270
D7	Spec	Mnths 3-4	Increase	USD	165	150	198	180
D7	Hedge/Member	Mnths 3-4	Increase	USD	150	150	180	180
D7	Spec	Mnths 5-11	Increase	USD	176	160	193	175
D7	Hedge/Member	Mnths 5-11	Increase	USD	160	160	175	175
PJM JCPL DA PEAK (J2)								
J2	Spec	Mnth 2	Increase	USD	495	450	594	540
J2	Hedge/Member	Mnth 2	Increase	USD	450	450	540	540
J2	Spec	Mnths 3-11	Increase	USD	385	350	440	400
J2	Hedge/Member	Mnths 3-11	Increase	USD	350	350	400	400

SPAN MINIMUM PERFORMANCE BOND REQUIREMENTS

CC	Rate Type	Description	Change	ISO	Current Initial	Current Maintenance	New Initial	New Maintenance
Outright Rates								
PJM METED ZONE PK CAL LMP FUTURES (47)								
47	Spec	Mnth 2	Increase	USD	330	300	396	360
47	Hedge/Member	Mnth 2	Increase	USD	300	300	360	360
47	Spec	Mnths 3-6	Increase	USD	330	300	391	355
47	Hedge/Member	Mnths 3-6	Increase	USD	300	300	355	355
PJM MONTHLY (JM)								
JM	Spec	Mnth 2	Increase	USD	3,850	3,500	4,400	4,000
JM	Hedge/Member	Mnth 2	Increase	USD	3,500	3,500	4,000	4,000
JM	Spec	Mnth 3	Increase	USD	3,190	2,900	3,300	3,000
JM	Hedge/Member	Mnth 3	Increase	USD	2,900	2,900	3,000	3,000
JM	Spec	Mnths 4-5	Increase	USD	2,750	2,500	2,860	2,600
JM	Hedge/Member	Mnths 4-5	Increase	USD	2,500	2,500	2,600	2,600
PJM NI HUB 5MW REAL TIME O PK (B6)								
B6	Spec	Mnth 2	Increase	USD	11	10	17	15
B6	Hedge/Member	Mnth 2	Increase	USD	10	10	15	15
B6	Spec	Mnths 3-4	Increase	USD	11	10	17	15
B6	Hedge/Member	Mnths 3-4	Increase	USD	10	10	15	15
B6	Spec	Mnths 12+	Increase	USD	13	12	17	15
B6	Hedge/Member	Mnths 12+	Increase	USD	12	12	15	15
PJM NI HUB 5MW REAL TIME PK (B3)								
B3	Spec	Mnths 3-4	Increase	USD	220	200	248	225
B3	Hedge/Member	Mnths 3-4	Increase	USD	200	200	225	225
PJM NILL DA OFF-PEAK (L3)								
L3	Spec	Mnth 2	Increase	USD	11	10	17	15
L3	Hedge/Member	Mnth 2	Increase	USD	10	10	15	15
L3	Spec	Mnths 3-5	Increase	USD	11	10	17	15
L3	Hedge/Member	Mnths 3-5	Increase	USD	10	10	15	15
L3	Spec	Mnths 12+	New	USD			11	10
L3	Hedge/Member	Mnths 12+	New	USD			10	10
PJM NILL DA PEAK (N3)								
N3	Spec	Mnths 3-4	Increase	USD	209	190	253	230
N3	Hedge/Member	Mnths 3-4	Increase	USD	190	190	230	230
PJM NORTERN ILL HUB RT OP DAILY (NOC)								
NOC	Spec	Days 1-10	Increase	USD	165	150	176	160
NOC	Hedge/Member	Days 1-10	Increase	USD	150	150	160	160

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

PJM OFF-PEAK LMP FUT (JP)

JP	Spec	Mnth 1	Increase	USD	3,630	3,300	3,850	3,500
JP	Hedge/Member	Mnth 1	Increase	USD	3,300	3,300	3,500	3,500
JP	Spec	Mnth 2	Increase	USD	2,200	2,000	2,640	2,400
JP	Hedge/Member	Mnth 2	Increase	USD	2,000	2,000	2,400	2,400
JP	Spec	Mnths 3-4	Increase	USD	1,815	1,650	2,035	1,850
JP	Hedge/Member	Mnths 3-4	Increase	USD	1,650	1,650	1,850	1,850

PJM PENELEC ZONE PK CAL LMP FUT (49)

49	Spec	Mnths 3-11	Increase	USD	275	250	330	300
49	Hedge/Member	Mnths 3-11	Increase	USD	250	250	300	300

PJM PPL DA PEAK (L5)

L5	Spec	Mnth 2	Increase	USD	413	375	495	450
L5	Hedge/Member	Mnth 2	Increase	USD	375	375	450	450
L5	Spec	Mnths 3-11	Increase	USD	303	275	363	330
L5	Hedge/Member	Mnths 3-11	Increase	USD	275	275	330	330

PJM WES HUB PEAK CAL MON REAL TIME (L1)

L1	Spec	Mnth 2	Increase	USD	275	250	330	300
L1	Hedge/Member	Mnth 2	Increase	USD	250	250	300	300
L1	Spec	Mnths 3-5	Increase	USD	270	245	319	290
L1	Hedge/Member	Mnths 3-5	Increase	USD	245	245	290	290
L1	Spec	Mnths 12	Increase	USD	248	225	275	250
L1	Hedge/Member	Mnths 12	Increase	USD	225	225	250	250

PJM WES HUB PEAK LMP 50 MW (4S)

4S	Spec	Mnth 2	Increase	USD	2,750	2,500	3,300	3,000
4S	Hedge/Member	Mnth 2	Increase	USD	2,500	2,500	3,000	3,000
4S	Spec	Mnths 3-5	Increase	USD	2,695	2,450	3,190	2,900
4S	Hedge/Member	Mnths 3-5	Increase	USD	2,450	2,450	2,900	2,900
4S	Spec	Mnths 12	Increase	USD	2,475	2,250	2,750	2,500
4S	Hedge/Member	Mnths 12	Increase	USD	2,250	2,250	2,500	2,500

PJM WESTERN HUB DA OP DAILY FUT (PWO)

PWO	Spec	Days 1-10	Increase	USD	165	150	220	200
PWO	Hedge/Member	Days 1-10	Increase	USD	150	150	200	200

PJM WESTERN HUB DA PEAK DAILY (PWP)

PWP	Spec	Days 7-14	Increase	USD	1,760	1,600	2,200	2,000
PWP	Hedge/Member	Days 7-14	Increase	USD	1,600	1,600	2,000	2,000

SPAN MINIMUM PERFORMANCE BOND REQUIREMENTS

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

PJM WESTERN HUB RT OP DAILY (WOR)

WOR	Spec	Days 1-10	Increase	USD	182	165	198	180
WOR	Hedge/Member	Days 1-10	Increase	USD	165	165	180	180

PJM WESTH DA OFF-PEAK (E4)

E4	Spec	Mnths 3-4	Increase	USD	11	10	17	15
E4	Hedge/Member	Mnths 3-4	Increase	USD	10	10	15	15

PJM WESTHDA PEAK (J4)

J4	Spec	Mnth 2	Increase	USD	275	250	330	300
J4	Hedge/Member	Mnth 2	Increase	USD	250	250	300	300
J4	Spec	Mnths 3-5	Increase	USD	270	245	319	290
J4	Hedge/Member	Mnths 3-5	Increase	USD	245	245	290	290
J4	Spec	Mnths 12+	Increase	USD	242	220	275	250
J4	Hedge/Member	Mnths 12+	Increase	USD	220	220	250	250

EQUITY INDEX - Outright Rates

BTIC ON E-MINI S&P 500 FUTURES (EST)

EST	Spec	Increase	USD	4,620	4,200	4,950	4,500
EST	Hedge/Member	Increase	USD	4,200	4,200	4,500	4,500

E-MINI S&P 500 FUTURES (ES)

ES	Spec	Increase	USD	4,620	4,200	4,950	4,500
ES	Hedge/Member	Increase	USD	4,200	4,200	4,500	4,500

E-MINI S&P 500 FUTURES MARKER (ESI)

ESI	Spec	Increase	USD	4,620	4,200	4,950	4,500
ESI	Hedge/Member	Increase	USD	4,200	4,200	4,500	4,500

S&P 500 FUTURES (SP)

SP	Spec	Increase	USD	23,100	21,000	24,750	22,500
SP	Hedge/Member	Increase	USD	21,000	21,000	22,500	22,500

METALS - Outright Rates

ALUMINIUM EURO PREM DUTY-PAID FUT (EDP)

EDP	Spec	Mth 1	Increase	USD	193	175	231	210
EDP	Hedge/Member	Mth 1	Increase	USD	175	175	210	210
EDP	Spec	Mths 2-9	Increase	USD	193	175	231	210
EDP	Hedge/Member	Mths 2-9	Increase	USD	175	175	210	210
EDP	Spec	Mths 10+	Increase	USD	193	175	231	210
EDP	Hedge/Member	Mths 10+	Increase	USD	175	175	210	210

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

NATURAL GAS - Outright Rates

DOMINION BASIS FUT (PLATTS IFERC) (PG)

PG	Spec	Mnth 1	Increase	USD	286	260	385	350
PG	Hedge/Member	Mnth 1	Increase	USD	260	260	350	350
PG	Spec	Mnth 2	Increase	USD	341	310	385	350
PG	Hedge/Member	Mnth 2	Increase	USD	310	310	350	350
PG	Spec	Mnths 3-8	Increase	USD	308	280	352	320
PG	Hedge/Member	Mnths 3-8	Increase	USD	280	280	320	320

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								
ARGUS PROPAN FAR EST INDEX FUT (7E)								
7E	Spec	Mnth 2+	Decrease	USD	41,800	38,000	33,000	30,000
7E	Hedge/Member	Mnth 2+	Decrease	USD	38,000	38,000	30,000	30,000
ARGUS PRPNE FAR EAST INDX BALMO FUT (22)								
22	Spec	Tier 3	Decrease	USD	77,000	70,000	46,200	42,000
22	Hedge/Member	Tier 3	Decrease	USD	70,000	70,000	42,000	42,000
22	Spec	Tier 2	Decrease	USD	99,000	90,000	59,400	54,000
22	Hedge/Member	Tier 2	Decrease	USD	90,000	90,000	54,000	54,000
22	Spec	Tier 1	Decrease	USD	99,000	90,000	59,400	54,000
22	Hedge/Member	Tier 1	Decrease	USD	90,000	90,000	54,000	54,000
CONWAY NAT GASOLINE FUT (8L)								
8L	Spec		Decrease	USD	4,125	3,750	3,850	3,500
8L	Hedge/Member		Decrease	USD	3,750	3,750	3,500	3,500
CONWAY NAT GSOLINE (OPIS) BALMO (CGB)								
CGB	Spec		Decrease	USD	11,000	10,000	6,600	6,000
CGB	Hedge/Member		Decrease	USD	10,000	10,000	6,000	6,000
CONWAY NORMAL BUTANE (OPIS) BALMO (CBB)								
CBB	Spec		Decrease	USD	7,150	6,500	4,290	3,900
CBB	Hedge/Member		Decrease	USD	6,500	6,500	3,900	3,900
CONWAY NORMAL BUTANE FUT (8M)								
8M	Spec		Decrease	USD	3,575	3,250	3,080	2,800
8M	Hedge/Member		Decrease	USD	3,250	3,250	2,800	2,800
CONWAY PROPANE 5 DEC. FUT (8K)								
8K	Spec	Mth 2	Decrease	USD	1,595	1,450	1,540	1,400
8K	Hedge/Member	Mth 2	Decrease	USD	1,450	1,450	1,400	1,400
8K	Spec	Mth 3	Decrease	USD	1,595	1,450	1,540	1,400
8K	Hedge/Member	Mth 3	Decrease	USD	1,450	1,450	1,400	1,400
8K	Spec	Mths 4-11	Decrease	USD	1,650	1,500	1,540	1,400
8K	Hedge/Member	Mths 4-11	Decrease	USD	1,500	1,500	1,400	1,400
8K	Spec	Mths 12-24	Decrease	USD	2,090	1,900	1,540	1,400
8K	Hedge/Member	Mths 12-24	Decrease	USD	1,900	1,900	1,400	1,400
8K	Spec	Mnths 25+	Decrease	USD	2,200	2,000	1,540	1,400
8K	Hedge/Member	Mnths 25+	Decrease	USD	2,000	2,000	1,400	1,400

SPAN MINIMUM PERFORMANCE BOND REQUIREMENTS

CC	Rate Type	Description	Change	ISO	Current Initial	Current Maintenance	New Initial	New Maintenance
Outright Rates								
CONWAY PROPNE (OPIS) BALMO FUT (CPB)								
CPB	Spec	Tier 3	Decrease	USD	3,300	3,000	1,980	1,800
CPB	Hedge/Member	Tier 3	Decrease	USD	3,000	3,000	1,800	1,800
CPB	Spec	Tier 1	Decrease	USD	4,400	4,000	2,640	2,400
CPB	Hedge/Member	Tier 1	Decrease	USD	4,000	4,000	2,400	2,400
CPB	Spec	Tier 2	Decrease	USD	5,500	5,000	3,300	3,000
CPB	Hedge/Member	Tier 2	Decrease	USD	5,000	5,000	3,000	3,000
MINI ARGUS PROPANE FAR EAST IDX (MAE)								
MAE	Spec	Mnth 2+	Decrease	USD	4,180	3,800	3,300	3,000
MAE	Hedge/Member	Mnth 2+	Decrease	USD	3,800	3,800	3,000	3,000
MONT BELVIEU ETHYLENE FIN BALMO FUT (MBB)								
MBB	Spec		Decrease	USD	7,150	6,500	5,500	5,000
MBB	Hedge/Member		Decrease	USD	6,500	6,500	5,000	5,000
MONT BELVIEU NAT GAS (OPIS) FUT (W3)								
W3	Spec	Mnth 1	Decrease	USD	3,960	3,600	3,520	3,200
W3	Hedge/Member	Mnth 1	Decrease	USD	3,600	3,600	3,200	3,200
W3	Spec	Mnths 2+	Decrease	USD	3,630	3,300	3,410	3,100
W3	Hedge/Member	Mnths 2+	Decrease	USD	3,300	3,300	3,100	3,100
MT BELVIEU ETHANE BALMO FUT (8C)								
8C	Spec		Decrease	USD	4,400	4,000	2,640	2,400
8C	Hedge/Member		Decrease	USD	4,000	4,000	2,400	2,400
MT BELVIEU LDH PROPANE BALMO (8O)								
8O	Spec		Decrease	USD	5,500	5,000	3,300	3,000
8O	Hedge/Member		Decrease	USD	5,000	5,000	3,000	3,000
MT BELVIEU NAT GASOLINE BALMO (R0)								
R0	Spec		Decrease	USD	8,250	7,500	4,950	4,500
R0	Hedge/Member		Decrease	USD	7,500	7,500	4,500	4,500
MT BELVIEU NAT GAS 5 D. OPIS (7Q)								
7Q	Spec	Mnth 1	Decrease	USD	3,960	3,600	3,520	3,200
7Q	Hedge/Member	Mnth 1	Decrease	USD	3,600	3,600	3,200	3,200
7Q	Spec	Mnths 2+	Decrease	USD	3,630	3,300	3,410	3,100
7Q	Hedge/Member	Mnths 2+	Decrease	USD	3,300	3,300	3,100	3,100
MT. BELVIEU ETHANE (OPIS) BLM (V4)								
V4	Spec		Decrease	USD	4,400	4,000	2,640	2,400
V4	Hedge/Member		Decrease	USD	4,000	4,000	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								
MT. BELVIEU NAT GAS (OPIS) BLM (V5)								
V5	Spec		Decrease	USD	8,250	7,500	4,950	4,500
V5	Hedge/Member		Decrease	USD	7,500	7,500	4,500	4,500
MT. BELVIEU PROPANE (OPIS) BLM (V6)								
V6	Spec		Decrease	USD	5,500	5,000	3,300	3,000
V6	Hedge/Member		Decrease	USD	5,000	5,000	3,000	3,000
PP (PCW) BALMO FUT (PPW)								
PPW	Spec		Increase	USD	2,750	2,500	3,300	3,000
PPW	Hedge/Member		Increase	USD	2,500	2,500	3,000	3,000
PROPANE NON LDH MT BELVIEU (1R)								
1R	Spec	Mth 1	Decrease	USD	1,540	1,400	1,430	1,300
1R	Hedge/Member	Mth 1	Decrease	USD	1,400	1,400	1,300	1,300
1R	Spec	Mth 2+	Decrease	USD	1,540	1,400	1,430	1,300
1R	Hedge/Member	Mth 2+	Decrease	USD	1,400	1,400	1,300	1,300
PROPANE NON LDH MT BLV BALMO (1S)								
1S	Spec		Decrease	USD	7,150	6,500	4,290	3,900
1S	Hedge/Member		Decrease	USD	6,500	6,500	3,900	3,900
PETROLEUM CRACKS AND SPREADS - Outright Rates								
BALMO EU JET CRACK (JFB)								
JFB	Spec		Decrease	USD	49,500	45,000	22,000	20,000
JFB	Hedge/Member		Decrease	USD	45,000	45,000	20,000	20,000

SPAN MINIMUM PERFORMANCE BOND REQUIREMENTS

CC	Rate Type	Description	Change	ISO	Current Initial	Current Maintenance	New Initial	New Maintenance
Outright Rates								
REFINED PRODUCTS - Outright Rates								
1% FUEL OIL (PLT) CARG CIF MED (1W)								
1W	Spec	Mth 1	Decrease	USD	28,050	25,500	25,850	23,500
1W	Hedge/Member	Mth 1	Decrease	USD	25,500	25,500	23,500	23,500
1W	Spec	Mths 2+	New	USD			23,650	21,500
1W	Hedge/Member	Mths 2+	New	USD			21,500	21,500
1% FUEL OIL (PLT) CARG CIF NWE (1X)								
1X	Spec		Decrease	USD	28,050	25,500	23,650	21,500
1X	Hedge/Member		Decrease	USD	25,500	25,500	21,500	21,500
1% FUEL OIL PLATTS CIF BALMO FUT (FOB)								
FOB	Spec		Decrease	USD	36,300	33,000	30,800	28,000
FOB	Hedge/Member		Decrease	USD	33,000	33,000	28,000	28,000
1% FUEL OIL PLATTS FOB BALMO FUT (FOM)								
FOM	Spec		Decrease	USD	36,300	33,000	30,800	28,000
FOM	Hedge/Member		Decrease	USD	33,000	33,000	28,000	28,000
3.5% FUEL OIL CID MED FUT (7D)								
7D	Spec		Decrease	USD	25,300	23,000	22,550	20,500
7D	Hedge/Member		Decrease	USD	23,000	23,000	20,500	20,500
3.5% FUEL OIL CIF BALMO FUT (8D)								
8D	Spec		Decrease	USD	34,100	31,000	28,600	26,000
8D	Hedge/Member		Decrease	USD	31,000	31,000	26,000	26,000
CHICAGO ULSD (PLATTS) FUT (4C)								
4C	Spec		Decrease	USD	7,700	7,000	6,600	6,000
4C	Hedge/Member		Decrease	USD	7,000	7,000	6,000	6,000
DIESEL 10PPM BARGES FOB BALMO (U7)								
U7	Spec		Decrease	USD	77,000	70,000	60,500	55,000
U7	Hedge/Member		Decrease	USD	70,000	70,000	55,000	55,000
EIA FLAT TAX ONHWAY DIESEL FUT (A5)								
A5	Spec	Mnth 1	Decrease	USD	8,800	8,000	7,040	6,400
A5	Hedge/Member	Mnth 1	Decrease	USD	8,000	8,000	6,400	6,400
A5	Spec	Mnths 2-6	Decrease	USD	5,500	5,000	4,400	4,000
A5	Hedge/Member	Mnths 2-6	Decrease	USD	5,000	5,000	4,000	4,000
A5	Spec	Mnths 7+	Decrease	USD	4,950	4,500	3,740	3,400
A5	Hedge/Member	Mnths 7+	Decrease	USD	4,500	4,500	3,400	3,400

SPAN MINIMUM PERFORMANCE BOND REQUIREMENTS

CC	Rate Type	Description	Change	ISO	Current Initial	Current Maintenance	New Initial	New Maintenance
Outright Rates								
EUR 1% FUEL OIL FOB RDM BALMO FUT (6L)								
6L	Spec		Decrease	USD	34,100	31,000	30,250	27,500
6L	Hedge/Member		Decrease	USD	31,000	31,000	27,500	27,500
EUR 1%FUEL OIL CARG FOB MED(PLATTS) (EFM)								
EFM	Spec		Decrease	USD	31,625	28,750	26,125	23,750
EFM	Hedge/Member		Decrease	USD	28,750	28,750	23,750	23,750
EUR3.5%FUEL OIL CARG FOB MED BALMO (EFF)								
EFF	Spec		Decrease	USD	36,300	33,000	30,800	28,000
EFF	Hedge/Member		Decrease	USD	33,000	33,000	28,000	28,000
EURO 1% FUEL OIL NEW BALMO (KX)								
KX	Spec	Tier 1	Decrease	USD	36,300	33,000	30,800	28,000
KX	Hedge/Member	Tier 1	Decrease	USD	33,000	33,000	28,000	28,000
KX	Spec	Tier 2	Decrease	USD	36,300	33,000	30,800	28,000
KX	Hedge/Member	Tier 2	Decrease	USD	33,000	33,000	28,000	28,000
EURO 3.5% FUEL OIL RDAM BALMO (KR)								
KR	Spec	Mnth 1	Decrease	USD	33,000	30,000	28,600	26,000
KR	Hedge/Member	Mnth 1	Decrease	USD	30,000	30,000	26,000	26,000
KR	Spec	Mnths 2+	Decrease	USD	33,000	30,000	28,600	26,000
KR	Hedge/Member	Mnths 2+	Decrease	USD	30,000	30,000	26,000	26,000
EURO DIESEL 10 CAL FUT (GT)								
GT	Spec		Decrease	USD	41,800	38,000	37,400	34,000
GT	Hedge/Member		Decrease	USD	38,000	38,000	34,000	34,000
EUROBOB GAS10PPM BALMO (7S)								
7S	Spec		Decrease	USD	66,000	60,000	55,000	50,000
7S	Hedge/Member		Decrease	USD	60,000	60,000	50,000	50,000
EUROPE 1% FUEL OIL NWE CALFUT (UF)								
UF	Spec	Mnth 1	Decrease	USD	23,100	21,000	18,700	17,000
UF	Hedge/Member	Mnth 1	Decrease	USD	21,000	21,000	17,000	17,000
UF	Spec	Mnths 2-6	Decrease	USD	23,100	21,000	18,700	17,000
UF	Hedge/Member	Mnths 2-6	Decrease	USD	21,000	21,000	17,000	17,000
UF	Spec	Mnths 7+	Decrease	USD	23,100	21,000	18,700	17,000
UF	Hedge/Member	Mnths 7+	Decrease	USD	21,000	21,000	17,000	17,000

SPAN MINIMUM PERFORMANCE BOND REQUIREMENTS

CC	Rate Type	Description	Change	ISO	Current Initial	Current Maintenance	New Initial	New Maintenance
Outright Rates								
EUROPE 1% FUEL OIL RDAM CALFUT (UH)								
UH	Spec	Mnth 1	Decrease	USD	31,900	29,000	26,400	24,000
UH	Hedge/Member	Mnth 1	Decrease	USD	29,000	29,000	24,000	24,000
UH	Spec	Mnth 2	Decrease	USD	29,700	27,000	22,000	20,000
UH	Hedge/Member	Mnth 2	Decrease	USD	27,000	27,000	20,000	20,000
UH	Spec	Mnths 3-7	Decrease	USD	24,695	22,450	20,900	19,000
UH	Hedge/Member	Mnths 3-7	Decrease	USD	22,450	22,450	19,000	19,000
UH	Spec	Mnths 8+	Decrease	USD	24,063	21,875	20,900	19,000
UH	Hedge/Member	Mnths 8+	Decrease	USD	21,875	21,875	19,000	19,000
EUROPE 3.5% FUEL OIL MED CALFUT (UI)								
UI	Spec		Decrease	USD	25,300	23,000	20,900	19,000
UI	Hedge/Member		Decrease	USD	23,000	23,000	19,000	19,000
EUROPE 3.5% FUEL OIL RDAM CALFUT (UV)								
UV	Spec	Mths 1	Decrease	USD	20,350	18,500	17,600	16,000
UV	Hedge/Member	Mths 1	Decrease	USD	18,500	18,500	16,000	16,000
UV	Spec	Mnths 2-6	Decrease	USD	22,000	20,000	17,600	16,000
UV	Hedge/Member	Mnths 2-6	Decrease	USD	20,000	20,000	16,000	16,000
UV	Spec	Mnths 7-10	Decrease	USD	22,000	20,000	17,600	16,000
UV	Hedge/Member	Mnths 7-10	Decrease	USD	20,000	20,000	16,000	16,000
UV	Spec	Mnths 11+	Decrease	USD	22,000	20,000	17,600	16,000
UV	Hedge/Member	Mnths 11+	Decrease	USD	20,000	20,000	16,000	16,000
EUROPE JET KERO NWE CALFUT (UJ)								
UJ	Spec	Mths 1	Decrease	USD	48,400	44,000	41,800	38,000
UJ	Hedge/Member	Mths 1	Decrease	USD	44,000	44,000	38,000	38,000
UJ	Spec	Mths 2-6	Decrease	USD	48,400	44,000	41,800	38,000
UJ	Hedge/Member	Mths 2-6	Decrease	USD	44,000	44,000	38,000	38,000
UJ	Spec	Mnths 7+	Decrease	USD	37,400	34,000	33,000	30,000
UJ	Hedge/Member	Mnths 7+	Decrease	USD	34,000	34,000	30,000	30,000
EUROPE NAPHTHA CALFUT (UN)								
UN	Spec	Mths 2-6	Decrease	USD	34,100	31,000	29,150	26,500
UN	Hedge/Member	Mths 2-6	Decrease	USD	31,000	31,000	26,500	26,500
UN	Spec	Mnths 7+	Decrease	USD	31,900	29,000	26,950	24,500
UN	Hedge/Member	Mnths 7+	Decrease	USD	29,000	29,000	24,500	24,500

SPAN MINIMUM PERFORMANCE BOND REQUIREMENTS

CC	Rate Type	Description	Change	ISO	Current Initial	Current Maintenance	New Initial	New Maintenance
Outright Rates								
EUROPEAN GASOIL ICE FUTURE (7F)								
7F	Spec	Mnth 1	Decrease	USD	2,970	2,700	2,640	2,400
7F	Hedge/Member	Mnth 1	Decrease	USD	2,700	2,700	2,400	2,400
7F	Spec	Mnths 2-6	Decrease	USD	2,860	2,600	2,530	2,300
7F	Hedge/Member	Mnths 2-6	Decrease	USD	2,600	2,600	2,300	2,300
7F	Spec	Mnths 7-11	Decrease	USD	2,750	2,500	2,420	2,200
7F	Hedge/Member	Mnths 7-11	Decrease	USD	2,500	2,500	2,200	2,200
7F	Spec	Mnths 12+	Decrease	USD	2,585	2,350	2,255	2,050
7F	Hedge/Member	Mnths 12+	Decrease	USD	2,350	2,350	2,050	2,050
EUROPEAN GASOIL ICE TAS FUTURE (7FT)								
7FT	Spec	Mnth 1	Decrease	USD	2,970	2,700	2,640	2,400
7FT	Hedge/Member	Mnth 1	Decrease	USD	2,700	2,700	2,400	2,400
7FT	Spec	Mnths 2-6	Decrease	USD	2,860	2,600	2,530	2,300
7FT	Hedge/Member	Mnths 2-6	Decrease	USD	2,600	2,600	2,300	2,300
7FT	Spec	Mnths 7-11	Decrease	USD	2,750	2,500	2,420	2,200
7FT	Hedge/Member	Mnths 7-11	Decrease	USD	2,500	2,500	2,200	2,200
7FT	Spec	Mnths 12+	Decrease	USD	2,585	2,350	2,255	2,050
7FT	Hedge/Member	Mnths 12+	Decrease	USD	2,350	2,350	2,050	2,050
EUROPEAN NAPHTHA BALMO (KZ)								
KZ	Spec	Mnth 1	Decrease	USD	66,000	60,000	44,000	40,000
KZ	Hedge/Member	Mnth 1	Decrease	USD	60,000	60,000	40,000	40,000
KZ	Spec	Mnths 2+	Decrease	USD	66,000	60,000	44,000	40,000
KZ	Hedge/Member	Mnths 2+	Decrease	USD	60,000	60,000	40,000	40,000
GAS EUROBOB (ARGUS) BALMO (7R)								
7R	Spec		Decrease	USD	66,000	60,000	55,000	50,000
7R	Hedge/Member		Decrease	USD	60,000	60,000	50,000	50,000
GAS EURO-BOB OXY (ARG) NEW BRG (7H)								
7H	Spec	Mnth 1	Decrease	USD	38,500	35,000	35,200	32,000
7H	Hedge/Member	Mnth 1	Decrease	USD	35,000	35,000	32,000	32,000
7H	Spec	Mnths 2-6	Decrease	USD	35,200	32,000	31,900	29,000
7H	Hedge/Member	Mnths 2-6	Decrease	USD	32,000	32,000	29,000	29,000
7H	Spec	Mnths 7+	Decrease	USD	34,100	31,000	30,800	28,000
7H	Hedge/Member	Mnths 7+	Decrease	USD	31,000	31,000	28,000	28,000
GASOIL 0.1 BARGES FOB RD BALMO (B8)								
B8	Spec		Decrease	USD	71,500	65,000	55,000	50,000
B8	Hedge/Member		Decrease	USD	65,000	65,000	50,000	50,000

SPAN MINIMUM PERFORMANCE BOND REQUIREMENTS

CC	Rate Type	Description	Change	ISO	Current Initial	Current Maintenance	New Initial	New Maintenance
Outright Rates								
GASOIL 0.1 CIF MED BALMO FUT (X6)								
X6	Spec		Decrease	USD	55,000	50,000	44,000	40,000
X6	Hedge/Member		Decrease	USD	50,000	50,000	40,000	40,000
GASOIL 0.1 CIF NW BALMO FUT (B7)								
B7	Spec		Decrease	USD	55,000	50,000	44,000	40,000
B7	Hedge/Member		Decrease	USD	50,000	50,000	40,000	40,000
GASOIL BULLET FUT (BG)								
BG	Spec	Mnth 1	Decrease	USD	29,700	27,000	26,400	24,000
BG	Hedge/Member	Mnth 1	Decrease	USD	27,000	27,000	24,000	24,000
BG	Spec	Mnths 2-6	Decrease	USD	28,600	26,000	25,300	23,000
BG	Hedge/Member	Mnths 2-6	Decrease	USD	26,000	26,000	23,000	23,000
BG	Spec	Mnths 7-11	Decrease	USD	27,500	25,000	24,200	22,000
BG	Hedge/Member	Mnths 7-11	Decrease	USD	25,000	25,000	22,000	22,000
BG	Spec	Mnths 12+	Decrease	USD	25,850	23,500	22,550	20,500
BG	Hedge/Member	Mnths 12+	Decrease	USD	23,500	23,500	20,500	20,500
GC GASOLINE ARGUS CAL FUT (AW)								
AW	Spec		Decrease	USD	6,600	6,000	5,500	5,000
AW	Hedge/Member		Decrease	USD	6,000	6,000	5,000	5,000
GROUP THREE SUB-OCT GAS (PLATTS) (A9)								
A9	Spec		Decrease	USD	6,600	6,000	5,500	5,000
A9	Hedge/Member		Decrease	USD	6,000	6,000	5,000	5,000
GROUP THREE ULSD (PLATTS) FUT (A7)								
A7	Spec	Mnth 1	Decrease	USD	6,875	6,250	5,775	5,250
A7	Hedge/Member	Mnth 1	Decrease	USD	6,250	6,250	5,250	5,250
A7	Spec	Mnths 2-6	Decrease	USD	6,600	6,000	5,500	5,000
A7	Hedge/Member	Mnths 2-6	Decrease	USD	6,000	6,000	5,000	5,000
A7	Spec	Mnths 7+	Decrease	USD	6,325	5,750	5,225	4,750
A7	Hedge/Member	Mnths 7+	Decrease	USD	5,750	5,750	4,750	4,750
GULF COAST HEATING OIL CLNDR FUT (GP)								
GP	Spec		Decrease	USD	5,500	5,000	4,620	4,200
GP	Hedge/Member		Decrease	USD	5,000	5,000	4,200	4,200
GULF COAST HSFO (PLATTS) BALMO FUT (VZ)								
VZ	Spec	Mnth 1	Decrease	USD	5,500	5,000	4,620	4,200
VZ	Hedge/Member	Mnth 1	Decrease	USD	5,000	5,000	4,200	4,200
VZ	Spec	Mnths 2+	Decrease	USD	5,500	5,000	4,620	4,200
VZ	Hedge/Member	Mnths 2+	Decrease	USD	5,000	5,000	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								
GULF COAST JET FUEL CLNDR FUT (GE)								
GE	Spec	Mnth 1	Decrease	USD	4,620	4,200	4,070	3,700
GE	Hedge/Member	Mnth 1	Decrease	USD	4,200	4,200	3,700	3,700
GE	Spec	Mnths 2-6	Decrease	USD	4,620	4,200	4,070	3,700
GE	Hedge/Member	Mnths 2-6	Decrease	USD	4,200	4,200	3,700	3,700
GE	Spec	Mnths 7+	Decrease	USD	4,620	4,200	4,070	3,700
GE	Hedge/Member	Mnths 7+	Decrease	USD	4,200	4,200	3,700	3,700
GULF COAST ULSD CALENDAR FUT (LY)								
LY	Spec	Mnth 1	Decrease	USD	4,510	4,100	4,180	3,800
LY	Hedge/Member	Mnth 1	Decrease	USD	4,100	4,100	3,800	3,800
LY	Spec	Mnths 2-6	Decrease	USD	4,290	3,900	3,960	3,600
LY	Hedge/Member	Mnths 2-6	Decrease	USD	3,900	3,900	3,600	3,600
LY	Spec	Mnths 7-12	Decrease	USD	3,960	3,600	3,630	3,300
LY	Hedge/Member	Mnths 7-12	Decrease	USD	3,600	3,600	3,300	3,300
LY	Spec	Mnths 13+	Decrease	USD	3,630	3,300	3,300	3,000
LY	Hedge/Member	Mnths 13+	Decrease	USD	3,300	3,300	3,000	3,000
GULF COST HEAT OIL(ARGUS) FUT (4U)								
4U	Spec		Decrease	USD	7,150	6,500	6,050	5,500
4U	Hedge/Member		Decrease	USD	6,500	6,500	5,500	5,500
GULF CST CBOB GAS PLATTS A2 FUTURES (CRG)								
CRG	Spec	Mnth 1	Decrease	USD	6,600	6,000	5,500	5,000
CRG	Hedge/Member	Mnth 1	Decrease	USD	6,000	6,000	5,000	5,000
CRG	Spec	Mnth 2	Decrease	USD	6,600	6,000	5,500	5,000
CRG	Hedge/Member	Mnth 2	Decrease	USD	6,000	6,000	5,000	5,000
CRG	Spec	Mnths 3+	Decrease	USD	6,600	6,000	5,500	5,000
CRG	Hedge/Member	Mnths 3+	Decrease	USD	6,000	6,000	5,000	5,000
JAPAN C&F NAPHTHA FUT (JA)								
JA	Spec	Mnth 1	Decrease	USD	34,100	31,000	28,600	26,000
JA	Hedge/Member	Mnth 1	Decrease	USD	31,000	31,000	26,000	26,000
JA	Spec	Mnths 2-6	Decrease	USD	34,100	31,000	28,600	26,000
JA	Hedge/Member	Mnths 2-6	Decrease	USD	31,000	31,000	26,000	26,000
JA	Spec	Mnths 7+	Decrease	USD	34,100	31,000	28,600	26,000
JA	Hedge/Member	Mnths 7+	Decrease	USD	31,000	31,000	26,000	26,000
JAPAN NAPHTHA BALMO FUT (E6)								
E6	Spec		Decrease	USD	44,000	40,000	36,300	33,000
E6	Hedge/Member		Decrease	USD	40,000	40,000	33,000	33,000

SPAN MINIMUM PERFORMANCE BOND REQUIREMENTS

CC	Rate Type	Description	Change	ISO	Current Initial	Current Maintenance	New Initial	New Maintenance
Outright Rates								
JET AVIA FUEL(PLTT) CRGS FOB M (1T)								
1T	Spec		Decrease	USD	49,500	45,000	41,800	38,000
1T	Hedge/Member		Decrease	USD	45,000	45,000	38,000	38,000
JET FUEL BARGES RDAM BALMO (X9)								
X9	Spec		Decrease	USD	66,000	60,000	55,000	50,000
X9	Hedge/Member		Decrease	USD	60,000	60,000	50,000	50,000
JET FUEL CARGOES CIF NEW BALMO (F3)								
F3	Spec		Decrease	USD	44,000	40,000	38,500	35,000
F3	Hedge/Member		Decrease	USD	40,000	40,000	35,000	35,000
LOS ANGELES CARB GASOLINE FUT (MH)								
MH	Spec		Decrease	USD	9,350	8,500	8,250	7,500
MH	Hedge/Member		Decrease	USD	8,500	8,500	7,500	7,500
MID EAST GASOIL ARAB GULF BALMO (MBS)								
MBS	Spec		Decrease	USD	6,600	6,000	5,775	5,250
MBS	Hedge/Member		Decrease	USD	6,000	6,000	5,250	5,250
MIDDLE EAST GASOIL ARAB GULF (MPE)								
MPE	Spec	Mnth 1	Decrease	USD	5,500	5,000	4,950	4,500
MPE	Hedge/Member	Mnth 1	Decrease	USD	5,000	5,000	4,500	4,500
MPE	Spec	Mnths 2-6	Decrease	USD	5,500	5,000	4,950	4,500
MPE	Hedge/Member	Mnths 2-6	Decrease	USD	5,000	5,000	4,500	4,500
MPE	Spec	Mnths 7+	Decrease	USD	5,500	5,000	4,950	4,500
MPE	Hedge/Member	Mnths 7+	Decrease	USD	5,000	5,000	4,500	4,500
MIDEAST FUEL OIL 180 S&P GLOBAL FUT (DHE)								
DHE	Spec	All Months	Decrease	USD	33,000	30,000	29,700	27,000
DHE	Hedge/Member	All Months	Decrease	USD	30,000	30,000	27,000	27,000
MIDEAST FUEL OIL 380 S&P GLOBAL FUT (DES)								
DES	Spec	Mnth 1	Decrease	USD	33,000	30,000	2,970	2,700
DES	Hedge/Member	Mnth 1	Decrease	USD	30,000	30,000	2,700	2,700
DES	Spec	Mnths 2+	Decrease	USD	33,000	30,000	2,970	2,700
DES	Hedge/Member	Mnths 2+	Decrease	USD	30,000	30,000	2,700	2,700
MIN 1% FUEL OIL CIF CARGOES FUTURES (MFP)								
MFP	Spec		Decrease	USD	2,805	2,550	2,365	2,150
MFP	Hedge/Member		Decrease	USD	2,550	2,550	2,150	2,150

SPAN MINIMUM PERFORMANCE BOND REQUIREMENTS

CC	Rate Type	Description	Change	ISO	Current Initial	Current Maintenance	New Initial	New Maintenance
Outright Rates								
MIN EUR 1% FUEL OIL CRGO FOB NWE FUT (0B)								
0B	Spec	Mnth 1	Decrease	USD	2,310	2,100	1,870	1,700
0B	Hedge/Member	Mnth 1	Decrease	USD	2,100	2,100	1,700	1,700
0B	Spec	Mnths 2-6	Decrease	USD	2,310	2,100	1,870	1,700
0B	Hedge/Member	Mnths 2-6	Decrease	USD	2,100	2,100	1,700	1,700
0B	Spec	Mnths 7+	Decrease	USD	2,310	2,100	1,870	1,700
0B	Hedge/Member	Mnths 7+	Decrease	USD	2,100	2,100	1,700	1,700
MIN EURO NPHTHA CIF NWE FUT (MNC)								
MNC	Spec	Mths 2-6	Decrease	USD	3,410	3,100	2,915	2,650
MNC	Hedge/Member	Mths 2-6	Decrease	USD	3,100	3,100	2,650	2,650
MNC	Spec	Mnths 7+	Decrease	USD	3,190	2,900	2,695	2,450
MNC	Hedge/Member	Mnths 7+	Decrease	USD	2,900	2,900	2,450	2,450
MIN JAPAN C&F NAPHTHA PLATTS FUT (MJN)								
MJN	Spec	Mnth 1	Decrease	USD	3,410	3,100	2,860	2,600
MJN	Hedge/Member	Mnth 1	Decrease	USD	3,100	3,100	2,600	2,600
MJN	Spec	Mnths 2-6	Decrease	USD	3,410	3,100	2,860	2,600
MJN	Hedge/Member	Mnths 2-6	Decrease	USD	3,100	3,100	2,600	2,600
MJN	Spec	Mnths 7+	Decrease	USD	3,410	3,100	2,860	2,600
MJN	Hedge/Member	Mnths 7+	Decrease	USD	3,100	3,100	2,600	2,600
MIN SPORE FUELOIL380CST(PLTS) BALMO (MTB)								
MTB	Spec	Tier 1	Decrease	USD	2,860	2,600	2,310	2,100
MTB	Hedge/Member	Tier 1	Decrease	USD	2,600	2,600	2,100	2,100
MTB	Spec	Tier 2	Decrease	USD	2,860	2,600	2,310	2,100
MTB	Hedge/Member	Tier 2	Decrease	USD	2,600	2,600	2,100	2,100
MINEUR1%FUEL OIL CRGO FOB NWE BALMO (0C)								
0C	Spec	Tier 1	Decrease	USD	3,630	3,300	3,080	2,800
0C	Hedge/Member	Tier 1	Decrease	USD	3,300	3,300	2,800	2,800
0C	Spec	Tier 2	Decrease	USD	3,630	3,300	3,080	2,800
0C	Hedge/Member	Tier 2	Decrease	USD	3,300	3,300	2,800	2,800
MINI 1% FUEL OIL CAR MED FUT (MFD)								
MFD	Spec		Decrease	USD	3,163	2,875	2,613	2,375
MFD	Hedge/Member		Decrease	USD	2,875	2,875	2,375	2,375
MINI 3.5% FUEL OIL CAR MED FUT (MMF)								
MMF	Spec		Decrease	USD	2,530	2,300	2,090	1,900
MMF	Hedge/Member		Decrease	USD	2,300	2,300	1,900	1,900

SPAN MINIMUM PERFORMANCE BOND REQUIREMENTS

CC	Rate Type	Description	Change	ISO	Current Initial	Current Maintenance	New Initial	New Maintenance
Outright Rates								
MINI EUR1%FUELOIL FOB RDM BALMO FUT (0A)								
0A	Spec		Decrease	USD	3,410	3,100	3,025	2,750
0A	Hedge/Member		Decrease	USD	3,100	3,100	2,750	2,750
MINI EURO 1% FUEL OIL FOBRDM FUT (T0)								
T0	Spec	Mnth 1	Decrease	USD	3,190	2,900	2,640	2,400
T0	Hedge/Member	Mnth 1	Decrease	USD	2,900	2,900	2,400	2,400
T0	Spec	Mnth 2	Decrease	USD	2,970	2,700	2,200	2,000
T0	Hedge/Member	Mnth 2	Decrease	USD	2,700	2,700	2,000	2,000
T0	Spec	Mnths 3-7	Decrease	USD	2,470	2,245	2,090	1,900
T0	Hedge/Member	Mnths 3-7	Decrease	USD	2,245	2,245	1,900	1,900
T0	Spec	Mnths 8+	Decrease	USD	2,406	2,188	2,090	1,900
T0	Hedge/Member	Mnths 8+	Decrease	USD	2,188	2,188	1,900	1,900
MINI EURO 3.5% FUEL OIL FOB RDM FUT (0D)								
0D	Spec	Mths 1	Decrease	USD	2,035	1,850	1,760	1,600
0D	Hedge/Member	Mths 1	Decrease	USD	1,850	1,850	1,600	1,600
0D	Spec	Mnths 2-6	Decrease	USD	2,200	2,000	1,760	1,600
0D	Hedge/Member	Mnths 2-6	Decrease	USD	2,000	2,000	1,600	1,600
0D	Spec	Mnths 7-10	Decrease	USD	2,200	2,000	1,760	1,600
0D	Hedge/Member	Mnths 7-10	Decrease	USD	2,000	2,000	1,600	1,600
0D	Spec	Mnths 11+	Decrease	USD	2,200	2,000	1,760	1,600
0D	Hedge/Member	Mnths 11+	Decrease	USD	2,000	2,000	1,600	1,600
MINI EURO NAPHTHA BALMO FUT (MEN)								
MEN	Spec	Mnth 1	Decrease	USD	6,600	6,000	4,400	4,000
MEN	Hedge/Member	Mnth 1	Decrease	USD	6,000	6,000	4,000	4,000
MEN	Spec	Mnths 2+	Decrease	USD	6,600	6,000	4,400	4,000
MEN	Hedge/Member	Mnths 2+	Decrease	USD	6,000	6,000	4,000	4,000
MINI GAS EUROBOB OXY BARGES FUT (MEO)								
MEO	Spec	Mnth 1	Decrease	USD	3,850	3,500	3,520	3,200
MEO	Hedge/Member	Mnth 1	Decrease	USD	3,500	3,500	3,200	3,200
MEO	Spec	Mnths 2-6	Decrease	USD	3,520	3,200	3,190	2,900
MEO	Hedge/Member	Mnths 2-6	Decrease	USD	3,200	3,200	2,900	2,900
MEO	Spec	Mnths 7+	Decrease	USD	3,410	3,100	3,080	2,800
MEO	Hedge/Member	Mnths 7+	Decrease	USD	3,100	3,100	2,800	2,800
MINI GAS EUROBOB OXY NWE ARGS BALMO (MEB)								
MEB	Spec		Decrease	USD	6,600	6,000	5,500	5,000
MEB	Hedge/Member		Decrease	USD	6,000	6,000	5,000	5,000

SPAN MINIMUM PERFORMANCE BOND REQUIREMENTS

CC	Rate Type	Description	Change	ISO	Current Initial	Current Maintenance	New Initial	New Maintenance
Outright Rates								
MINI JAPAN NAPHTHA BALMO FUT (E6M)								
E6M	Spec		Decrease	USD	4,400	4,000	3,630	3,300
E6M	Hedge/Member		Decrease	USD	4,000	4,000	3,300	3,300
MINI SINGAPORE 380CST FUEL OIL FUT (MTS)								
MTS	Spec	Mnth 1	Decrease	USD	2,310	2,100	1,760	1,600
MTS	Hedge/Member	Mnth 1	Decrease	USD	2,100	2,100	1,600	1,600
MTS	Spec	Mnths 2-6	Decrease	USD	2,310	2,100	1,760	1,600
MTS	Hedge/Member	Mnths 2-6	Decrease	USD	2,100	2,100	1,600	1,600
MTS	Spec	Mnths 7+	Decrease	USD	2,310	2,100	1,760	1,600
MTS	Hedge/Member	Mnths 7+	Decrease	USD	2,100	2,100	1,600	1,600
MINI SINGAPORE GASOIL PLATS FUTURES (MSG)								
MSG	Spec	Mnth 1	Decrease	USD	385	350	347	315
MSG	Hedge/Member	Mnth 1	Decrease	USD	350	350	315	315
MSG	Spec	Mnths 2-6	Decrease	USD	385	350	347	315
MSG	Hedge/Member	Mnths 2-6	Decrease	USD	350	350	315	315
MSG	Spec	Mnths 7+	Decrease	USD	369	335	330	300
MSG	Hedge/Member	Mnths 7+	Decrease	USD	335	335	300	300
MINI SINGP FUEL OIL 180CST FUTURES (0F)								
0F	Spec	Mnth 1	Decrease	USD	2,585	2,350	2,200	2,000
0F	Hedge/Member	Mnth 1	Decrease	USD	2,350	2,350	2,000	2,000
0F	Spec	Mnth 2	Decrease	USD	2,453	2,230	2,013	1,830
0F	Hedge/Member	Mnth 2	Decrease	USD	2,230	2,230	1,830	1,830
0F	Spec	Mnths 3-7	Decrease	USD	2,453	2,230	2,013	1,830
0F	Hedge/Member	Mnths 3-7	Decrease	USD	2,230	2,230	1,830	1,830
0F	Spec	Mnths 8+	Decrease	USD	2,310	2,100	1,870	1,700
0F	Hedge/Member	Mnths 8+	Decrease	USD	2,100	2,100	1,700	1,700
MINI SINGP FUELOIL 180 BALMO FUT (5L)								
5L	Spec	Mnth 1	Decrease	USD	3,300	3,000	2,640	2,400
5L	Hedge/Member	Mnth 1	Decrease	USD	3,000	3,000	2,400	2,400
5L	Spec	Mnths 2+	Decrease	USD	3,300	3,000	2,640	2,400
5L	Hedge/Member	Mnths 2+	Decrease	USD	3,000	3,000	2,400	2,400
MNI EUR3.5 FUEL OIL FOB RDM BALMOFU (0E)								
0E	Spec	Mnth 1	Decrease	USD	3,300	3,000	2,860	2,600
0E	Hedge/Member	Mnth 1	Decrease	USD	3,000	3,000	2,600	2,600
0E	Spec	Mnths 2+	Decrease	USD	3,300	3,000	2,860	2,600
0E	Hedge/Member	Mnths 2+	Decrease	USD	3,000	3,000	2,600	2,600

SPAN MINIMUM PERFORMANCE BOND REQUIREMENTS

CC	Rate Type	Description	Change	ISO	Current Initial	Current Maintenance	New Initial	New Maintenance
Outright Rates								
MOGAS92 UNLEADED (PLATTS) FUT (1N)								
1N	Spec	Mnths 2+	Decrease	USD	4,620	4,200	4,180	3,800
1N	Hedge/Member	Mnths 2+	Decrease	USD	4,200	4,200	3,800	3,800
1N	Spec	Mnth 1	Decrease	USD	4,620	4,200	4,180	3,800
1N	Hedge/Member	Mnth 1	Decrease	USD	4,200	4,200	3,800	3,800
MOGAS92 UNLEADED (PLTS) BLM FUT (1P)								
1P	Spec		Decrease	USD	7,700	7,000	6,600	6,000
1P	Hedge/Member		Decrease	USD	7,000	7,000	6,000	6,000
NEW YORK 3% FUEL OIL BALMO FUT (NYT)								
NYT	Spec	Tier 1	Decrease	USD	8,800	8,000	7,150	6,500
NYT	Hedge/Member	Tier 1	Decrease	USD	8,000	8,000	6,500	6,500
NYT	Spec	Tier 2	Decrease	USD	8,800	8,000	7,150	6,500
NYT	Hedge/Member	Tier 2	Decrease	USD	8,000	8,000	6,500	6,500
NY 0.7% FUEL OIL (PLATTS) FUT (Y4)								
Y4	Spec		Decrease	USD	6,765	6,150	5,500	5,000
Y4	Hedge/Member		Decrease	USD	6,150	6,150	5,000	5,000
NY 2.2% FUEL OIL (PLATTS) FUT (Y3)								
Y3	Spec		Decrease	USD	5,280	4,800	4,400	4,000
Y3	Hedge/Member		Decrease	USD	4,800	4,800	4,000	4,000
NY 3.0% FUEL OIL (PLATTS) FUT (H1)								
H1	Spec		Decrease	USD	4,730	4,300	3,740	3,400
H1	Hedge/Member		Decrease	USD	4,300	4,300	3,400	3,400
NY BUCKEYE JET FUEL (PLATTS) FUTURE (BUC)								
BUC	Spec		Decrease	USD	6,600	6,000	6,050	5,500
BUC	Hedge/Member		Decrease	USD	6,000	6,000	5,500	5,500
NY HARBOR 1% FUEL OIL BALMO (VK)								
VK	Spec	Tier 1	Decrease	USD	7,700	7,000	5,500	5,000
VK	Hedge/Member	Tier 1	Decrease	USD	7,000	7,000	5,000	5,000
VK	Spec	Tier 2	Decrease	USD	7,700	7,000	5,500	5,000
VK	Hedge/Member	Tier 2	Decrease	USD	7,000	7,000	5,000	5,000
NY HARBOR RESIDUAL FUEL 1.0% S FUT (MM)								
MM	Spec	Mnth 1	Decrease	USD	3,850	3,500	3,080	2,800
MM	Hedge/Member	Mnth 1	Decrease	USD	3,500	3,500	2,800	2,800
MM	Spec	Mnths 2-6	Decrease	USD	3,850	3,500	3,080	2,800
MM	Hedge/Member	Mnths 2-6	Decrease	USD	3,500	3,500	2,800	2,800
MM	Spec	Mnths 7+	Decrease	USD	3,520	3,200	2,860	2,600
MM	Hedge/Member	Mnths 7+	Decrease	USD	3,200	3,200	2,600	2,600

SPAN MINIMUM PERFORMANCE BOND REQUIREMENTS

CC	Rate Type	Description	Change	ISO	Current Initial	Current Maintenance	New Initial	New Maintenance
Outright Rates								
PREM UNL GAS 10 PPM BALMO (7N)								
7N	Spec		Decrease	USD	71,500	65,000	60,500	55,000
7N	Hedge/Member		Decrease	USD	65,000	65,000	55,000	55,000
PREM UNL GAS 10 PPM (PLTS) RDM (7L)								
7L	Spec		Decrease	USD	53,900	49,000	49,500	45,000
7L	Hedge/Member		Decrease	USD	49,000	49,000	45,000	45,000
PREMIUM UNLD 10P FOB MED FUT (3G)								
3G	Spec	Mnth 1	Decrease	USD	58,300	53,000	47,300	43,000
3G	Hedge/Member	Mnth 1	Decrease	USD	53,000	53,000	43,000	43,000
3G	Spec	Mnths 2+	Decrease	USD	58,300	53,000	47,300	43,000
3G	Hedge/Member	Mnths 2+	Decrease	USD	53,000	53,000	43,000	43,000
PREMIUM UNLEAD 10PPM FOB BLMO (8G)								
8G	Spec		Decrease	USD	77,000	70,000	63,800	58,000
8G	Hedge/Member		Decrease	USD	70,000	70,000	58,000	58,000
SINGAPORE 180CST BALMO (BS)								
BS	Spec	Mnth 1	Decrease	USD	33,000	30,000	26,400	24,000
BS	Hedge/Member	Mnth 1	Decrease	USD	30,000	30,000	24,000	24,000
BS	Spec	Mnths 2+	Decrease	USD	33,000	30,000	26,400	24,000
BS	Hedge/Member	Mnths 2+	Decrease	USD	30,000	30,000	24,000	24,000
SINGAPORE 380CST BALMO (BT)								
BT	Spec	Tier 1	Decrease	USD	28,600	26,000	23,100	21,000
BT	Hedge/Member	Tier 1	Decrease	USD	26,000	26,000	21,000	21,000
BT	Spec	Tier 2	Decrease	USD	28,600	26,000	23,100	21,000
BT	Hedge/Member	Tier 2	Decrease	USD	26,000	26,000	21,000	21,000
SINGAPORE 380CST FUEL OIL FUT (SE)								
SE	Spec	Mnth 1	Decrease	USD	23,100	21,000	17,600	16,000
SE	Hedge/Member	Mnth 1	Decrease	USD	21,000	21,000	16,000	16,000
SE	Spec	Mnths 2-6	Decrease	USD	23,100	21,000	17,600	16,000
SE	Hedge/Member	Mnths 2-6	Decrease	USD	21,000	21,000	16,000	16,000
SE	Spec	Mnths 7+	Decrease	USD	23,100	21,000	17,600	16,000
SE	Hedge/Member	Mnths 7+	Decrease	USD	21,000	21,000	16,000	16,000

SPAN MINIMUM PERFORMANCE BOND REQUIREMENTS

CC	Rate Type	Description	Change	ISO	Current Initial	Current Maintenance	New Initial	New Maintenance
Outright Rates								
SINGAPORE FUEL 180CST CALFUT (UA)								
UA	Spec	Mnth 1	Decrease	USD	25,850	23,500	22,000	20,000
UA	Hedge/Member	Mnth 1	Decrease	USD	23,500	23,500	20,000	20,000
UA	Spec	Mnth 2	Decrease	USD	24,530	22,300	20,130	18,300
UA	Hedge/Member	Mnth 2	Decrease	USD	22,300	22,300	18,300	18,300
UA	Spec	Mnths 3-7	Decrease	USD	24,530	22,300	20,130	18,300
UA	Hedge/Member	Mnths 3-7	Decrease	USD	22,300	22,300	18,300	18,300
UA	Spec	Mnths 8+	Decrease	USD	23,100	21,000	18,700	17,000
UA	Hedge/Member	Mnths 8+	Decrease	USD	21,000	21,000	17,000	17,000
SINGAPORE GASOIL BALMO (VU)								
VU	Spec	Tier 1	Decrease	USD	6,600	6,000	4,620	4,200
VU	Hedge/Member	Tier 1	Decrease	USD	6,000	6,000	4,200	4,200
VU	Spec	Tier 2	Decrease	USD	6,600	6,000	4,620	4,200
VU	Hedge/Member	Tier 2	Decrease	USD	6,000	6,000	4,200	4,200
SINGAPORE GASOIL FUT (SG)								
SG	Spec	Mnth 1	Decrease	USD	3,850	3,500	3,465	3,150
SG	Hedge/Member	Mnth 1	Decrease	USD	3,500	3,500	3,150	3,150
SG	Spec	Mnths 2-6	Decrease	USD	3,850	3,500	3,465	3,150
SG	Hedge/Member	Mnths 2-6	Decrease	USD	3,500	3,500	3,150	3,150
SG	Spec	Mnths 7+	Decrease	USD	3,685	3,350	3,300	3,000
SG	Hedge/Member	Mnths 7+	Decrease	USD	3,350	3,350	3,000	3,000
SINGAPORE JET KERO BALMO (BX)								
BX	Spec	Mnth 1	Decrease	USD	5,500	5,000	4,950	4,500
BX	Hedge/Member	Mnth 1	Decrease	USD	5,000	5,000	4,500	4,500
BX	Spec	Mnths 2+	Decrease	USD	5,500	5,000	4,950	4,500
BX	Hedge/Member	Mnths 2+	Decrease	USD	5,000	5,000	4,500	4,500
SINGAPORE MOGAS 95 BALMO FUT (W0)								
W0	Spec		Decrease	USD	12,100	11,000	7,700	7,000
W0	Hedge/Member		Decrease	USD	11,000	11,000	7,000	7,000
SINGAPORE MOGAS 95 FUT (V0)								
V0	Spec	Mnth 1	Decrease	USD	5,775	5,250	4,950	4,500
V0	Hedge/Member	Mnth 1	Decrease	USD	5,250	5,250	4,500	4,500
V0	Spec	Mnths 2+	Decrease	USD	5,775	5,250	4,950	4,500
V0	Hedge/Member	Mnths 2+	Decrease	USD	5,250	5,250	4,500	4,500
SINGAPORE MOGAS 97 BALMO FUT (Y0)								
Y0	Spec		Decrease	USD	9,900	9,000	7,700	7,000
Y0	Hedge/Member		Decrease	USD	9,000	9,000	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								
SINGAPORE MOGAS 97 FUT (X0)								
X0	Spec		Decrease	USD	7,260	6,600	5,500	5,000
X0	Hedge/Member		Decrease	USD	6,600	6,600	5,000	5,000
SINGAPORE NAPHTHA BALMO (KU)								
KU	Spec	Tier 1	Decrease	USD	7,700	7,000	6,600	6,000
KU	Hedge/Member	Tier 1	Decrease	USD	7,000	7,000	6,000	6,000
KU	Spec	Tier 2	Decrease	USD	7,700	7,000	6,600	6,000
KU	Hedge/Member	Tier 2	Decrease	USD	7,000	7,000	6,000	6,000
SINGAPORE NAPHTHA FUT (SP)								
SP	Spec		Decrease	USD	5,500	5,000	4,950	4,500
SP	Hedge/Member		Decrease	USD	5,000	5,000	4,500	4,500
SINGAPORE GASOIL 10PPM(PLATTS) FUT (STF)								
STF	Spec	Mnth 1	Decrease	USD	4,400	4,000	3,850	3,500
STF	Hedge/Member	Mnth 1	Decrease	USD	4,000	4,000	3,500	3,500
STF	Spec	Mnths 2+	Decrease	USD	4,400	4,000	3,850	3,500
STF	Hedge/Member	Mnths 2+	Decrease	USD	4,000	4,000	3,500	3,500
SPORE GASOIL10 PPM PLTS BALMO FUT (STL)								
STL	Spec	Mnth 1	Decrease	USD	5,500	5,000	4,950	4,500
STL	Hedge/Member	Mnth 1	Decrease	USD	5,000	5,000	4,500	4,500
STL	Spec	Mnths 2+	Decrease	USD	5,500	5,000	4,950	4,500
STL	Hedge/Member	Mnths 2+	Decrease	USD	5,000	5,000	4,500	4,500
SYNTHETIC GASOIL BULLET FUT (SBG)								
SBG	Spec	Mnth 1	Decrease	USD	29,700	27,000	26,400	24,000
SBG	Hedge/Member	Mnth 1	Decrease	USD	27,000	27,000	24,000	24,000
SBG	Spec	Mnths 2-6	Decrease	USD	28,600	26,000	25,300	23,000
SBG	Hedge/Member	Mnths 2-6	Decrease	USD	26,000	26,000	23,000	23,000
SBG	Spec	Mnths 7-11	Decrease	USD	27,500	25,000	24,200	22,000
SBG	Hedge/Member	Mnths 7-11	Decrease	USD	25,000	25,000	22,000	22,000
SBG	Spec	Mnths 12+	Decrease	USD	25,850	23,500	22,550	20,500
SBG	Hedge/Member	Mnths 12+	Decrease	USD	23,500	23,500	20,500	20,500
SYNTHETIC SINGAPORE GASOIL FUT (SSG)								
SSG	Spec	Mnth 1	Decrease	USD	3,850	3,500	3,465	3,150
SSG	Hedge/Member	Mnth 1	Decrease	USD	3,500	3,500	3,150	3,150
SSG	Spec	Mnths 2-6	Decrease	USD	3,850	3,500	3,465	3,150
SSG	Hedge/Member	Mnths 2-6	Decrease	USD	3,500	3,500	3,150	3,150
SSG	Spec	Mnths 7+	Decrease	USD	3,685	3,350	3,300	3,000
SSG	Hedge/Member	Mnths 7+	Decrease	USD	3,350	3,350	3,000	3,000

SPAN MINIMUM PERFORMANCE BOND REQUIREMENTS

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

ULSD 10PPM CIF MED BALMO FUT (X7)

X7	Spec		Decrease	USD	60,500	55,000	49,500	45,000
X7	Hedge/Member		Decrease	USD	55,000	55,000	45,000	45,000

ULSD 10PPM CIF NW BALMO FUT (B1)

B1	Spec		Decrease	USD	60,500	55,000	49,500	45,000
B1	Hedge/Member		Decrease	USD	55,000	55,000	45,000	45,000

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								
AGRICULTURE - Intra Spreads								
Corn Butterfly - Contracts 3-5 (CORN FUTURES)								
C	Spec		Increase	USD	28	25	55	50
C	Hedge/Member		Increase	USD	25	25	50	50
Corn Butterfly - Contracts 3-5 (CORN TAS FUTURE)								
ZCT	Spec		Increase	USD	28	25	55	50
ZCT	Hedge/Member		Increase	USD	25	25	50	50
Corn Butterfly - Contracts 3-5 (MINI-SIZED CORN FUTURES)								
YC	Spec		Increase	USD	6	5	11	10
YC	Hedge/Member		Increase	USD	5	5	10	10
Month 1 vs Month 2 (FEEDER CATTLE FUTURES)								
FC	Spec		Decrease	USD	1,760	1,600	1,320	1,200
FC	Hedge/Member		Decrease	USD	1,600	1,600	1,200	1,200
Month 1 vs Month 2 (FEEDER CATTLE TRADE AT SETTLE)								
GFT	Spec		Decrease	USD	1,760	1,600	1,320	1,200
GFT	Hedge/Member		Decrease	USD	1,600	1,600	1,200	1,200
Month 1 vs Month 2 (LIVE CATTLE FUTURES)								
LC	Spec		Decrease	USD	1,045	950	715	650
LC	Hedge/Member		Decrease	USD	950	950	650	650
Month 1 vs Month 2 (LIVE CATTLE TRADE AT SETTLEMENT)								
LET	Spec		Decrease	USD	1,045	950	715	650
LET	Hedge/Member		Decrease	USD	950	950	650	650
Month 1 vs Month 3 (FEEDER CATTLE FUTURES)								
FC	Spec		Decrease	USD	1,760	1,600	1,320	1,200
FC	Hedge/Member		Decrease	USD	1,600	1,600	1,200	1,200
Month 1 vs Month 3 (FEEDER CATTLE TRADE AT SETTLE)								
GFT	Spec		Decrease	USD	1,760	1,600	1,320	1,200
GFT	Hedge/Member		Decrease	USD	1,600	1,600	1,200	1,200
Month 1 vs Month 3 (LIVE CATTLE FUTURES)								
LC	Spec		Decrease	USD	1,045	950	770	700
LC	Hedge/Member		Decrease	USD	950	950	700	700
Month 1 vs Month 3 (LIVE CATTLE TRADE AT SETTLEMENT)								
LET	Spec		Decrease	USD	1,045	950	770	700
LET	Hedge/Member		Decrease	USD	950	950	700	700

SPAN MINIMUM PERFORMANCE BOND REQUIREMENTS

CC	Rate Type	Description	Change	ISO	Current Initial	Current Maintenance	New Initial	New Maintenance
Intra Spreads								
Month 1 vs Month 4 (FEEDER CATTLE FUTURES)								
FC	Spec		Decrease	USD	1,760	1,600	1,320	1,200
FC	Hedge/Member		Decrease	USD	1,600	1,600	1,200	1,200
Month 1 vs Month 4 (FEEDER CATTLE TRADE AT SETTLE)								
GFT	Spec		Decrease	USD	1,760	1,600	1,320	1,200
GFT	Hedge/Member		Decrease	USD	1,600	1,600	1,200	1,200
Month 1 vs Month 4 (LIVE CATTLE FUTURES)								
LC	Spec		Decrease	USD	1,045	950	770	700
LC	Hedge/Member		Decrease	USD	950	950	700	700
Month 1 vs Month 4 (LIVE CATTLE TRADE AT SETTLEMENT)								
LET	Spec		Decrease	USD	1,045	950	770	700
LET	Hedge/Member		Decrease	USD	950	950	700	700
Month 1 vs Month 5 (FEEDER CATTLE FUTURES)								
FC	Spec		Decrease	USD	1,760	1,600	1,320	1,200
FC	Hedge/Member		Decrease	USD	1,600	1,600	1,200	1,200
Month 1 vs Month 5 (FEEDER CATTLE TRADE AT SETTLE)								
GFT	Spec		Decrease	USD	1,760	1,600	1,320	1,200
GFT	Hedge/Member		Decrease	USD	1,600	1,600	1,200	1,200
Month 1 vs Month 5 (LIVE CATTLE FUTURES)								
LC	Spec		Decrease	USD	1,045	950	880	800
LC	Hedge/Member		Decrease	USD	950	950	800	800
Month 1 vs Month 5 (LIVE CATTLE TRADE AT SETTLEMENT)								
LET	Spec		Decrease	USD	1,045	950	880	800
LET	Hedge/Member		Decrease	USD	950	950	800	800
Month 1 vs Months 6+ (FEEDER CATTLE FUTURES)								
FC	Spec		Decrease	USD	1,760	1,600	1,320	1,200
FC	Hedge/Member		Decrease	USD	1,600	1,600	1,200	1,200
Month 1 vs Months 6+ (FEEDER CATTLE TRADE AT SETTLE)								
GFT	Spec		Decrease	USD	1,760	1,600	1,320	1,200
GFT	Hedge/Member		Decrease	USD	1,600	1,600	1,200	1,200
Month 2 vs Month 3 (FEEDER CATTLE FUTURES)								
FC	Spec		Decrease	USD	1,320	1,200	990	900
FC	Hedge/Member		Decrease	USD	1,200	1,200	900	900

SPAN MINIMUM PERFORMANCE BOND REQUIREMENTS

CC	Rate Type	Description	Change	ISO	Current Initial	Current Maintenance	New Initial	New Maintenance
Intra Spreads								
Month 2 vs Month 3 (FEEDER CATTLE TRADE AT SETTLE)								
GFT	Spec		Decrease	USD	1,320	1,200	990	900
GFT	Hedge/Member		Decrease	USD	1,200	1,200	900	900
Month 2 vs Month 3 (LIVE CATTLE FUTURES)								
LC	Spec		Decrease	USD	935	850	605	550
LC	Hedge/Member		Decrease	USD	850	850	550	550
Month 2 vs Month 3 (LIVE CATTLE TRADE AT SETTLEMENT)								
LET	Spec		Decrease	USD	935	850	605	550
LET	Hedge/Member		Decrease	USD	850	850	550	550
Month 2 vs Month 4 (FEEDER CATTLE FUTURES)								
FC	Spec		Decrease	USD	1,320	1,200	990	900
FC	Hedge/Member		Decrease	USD	1,200	1,200	900	900
Month 2 vs Month 4 (FEEDER CATTLE TRADE AT SETTLE)								
GFT	Spec		Decrease	USD	1,320	1,200	990	900
GFT	Hedge/Member		Decrease	USD	1,200	1,200	900	900
Month 2 vs Month 4 (LIVE CATTLE FUTURES)								
LC	Spec		Decrease	USD	935	850	660	600
LC	Hedge/Member		Decrease	USD	850	850	600	600
Month 2 vs Month 4 (LIVE CATTLE TRADE AT SETTLEMENT)								
LET	Spec		Decrease	USD	935	850	660	600
LET	Hedge/Member		Decrease	USD	850	850	600	600
Month 2 vs Month 5 (FEEDER CATTLE FUTURES)								
FC	Spec		Decrease	USD	1,320	1,200	990	900
FC	Hedge/Member		Decrease	USD	1,200	1,200	900	900
Month 2 vs Month 5 (FEEDER CATTLE TRADE AT SETTLE)								
GFT	Spec		Decrease	USD	1,320	1,200	990	900
GFT	Hedge/Member		Decrease	USD	1,200	1,200	900	900
Month 2 vs Month 5 (LIVE CATTLE FUTURES)								
LC	Spec		Decrease	USD	935	850	825	750
LC	Hedge/Member		Decrease	USD	850	850	750	750
Month 2 vs Month 5 (LIVE CATTLE TRADE AT SETTLEMENT)								
LET	Spec		Decrease	USD	935	850	825	750
LET	Hedge/Member		Decrease	USD	850	850	750	750

SPAN MINIMUM PERFORMANCE BOND REQUIREMENTS

CC	Rate Type	Description	Change	ISO	Current Initial	Current Maintenance	New Initial	New Maintenance
Intra Spreads								
Month 2 vs Months 6+ (FEEDER CATTLE FUTURES)								
FC	Spec		Decrease	USD	1,320	1,200	990	900
FC	Hedge/Member		Decrease	USD	1,200	1,200	900	900
Month 2 vs Months 6+ (FEEDER CATTLE TRADE AT SETTLE)								
GFT	Spec		Decrease	USD	1,320	1,200	990	900
GFT	Hedge/Member		Decrease	USD	1,200	1,200	900	900
Month 3 vs Month 4 (FEEDER CATTLE FUTURES)								
FC	Spec		Decrease	USD	1,320	1,200	990	900
FC	Hedge/Member		Decrease	USD	1,200	1,200	900	900
Month 3 vs Month 4 (FEEDER CATTLE TRADE AT SETTLE)								
GFT	Spec		Decrease	USD	1,320	1,200	990	900
GFT	Hedge/Member		Decrease	USD	1,200	1,200	900	900
Month 3 vs Month 4 (LIVE CATTLE FUTURES)								
LC	Spec		Decrease	USD	770	700	495	450
LC	Hedge/Member		Decrease	USD	700	700	450	450
Month 3 vs Month 4 (LIVE CATTLE TRADE AT SETTLEMENT)								
LET	Spec		Decrease	USD	770	700	495	450
LET	Hedge/Member		Decrease	USD	700	700	450	450
Month 3 vs Month 5 (FEEDER CATTLE FUTURES)								
FC	Spec		Decrease	USD	1,320	1,200	990	900
FC	Hedge/Member		Decrease	USD	1,200	1,200	900	900
Month 3 vs Month 5 (FEEDER CATTLE TRADE AT SETTLE)								
GFT	Spec		Decrease	USD	1,320	1,200	990	900
GFT	Hedge/Member		Decrease	USD	1,200	1,200	900	900
Month 3 vs Month 5 (LIVE CATTLE FUTURES)								
LC	Spec		Decrease	USD	770	700	660	600
LC	Hedge/Member		Decrease	USD	700	700	600	600
Month 3 vs Month 5 (LIVE CATTLE TRADE AT SETTLEMENT)								
LET	Spec		Decrease	USD	770	700	660	600
LET	Hedge/Member		Decrease	USD	700	700	600	600
Month 3 vs Months 6+ (FEEDER CATTLE FUTURES)								
FC	Spec		Decrease	USD	1,320	1,200	990	900
FC	Hedge/Member		Decrease	USD	1,200	1,200	900	900

SPAN MINIMUM PERFORMANCE BOND REQUIREMENTS

CC	Rate Type	Description	Change	ISO	Current Initial	Current Maintenance	New Initial	New Maintenance
Intra Spreads								
Month 3 vs Months 6+ (FEEDER CATTLE TRADE AT SETTLE)								
GFT	Spec		Decrease	USD	1,320	1,200	990	900
GFT	Hedge/Member		Decrease	USD	1,200	1,200	900	900
Month 4 vs Month 5 (FEEDER CATTLE FUTURES)								
FC	Spec		Decrease	USD	1,320	1,200	990	900
FC	Hedge/Member		Decrease	USD	1,200	1,200	900	900
Month 4 vs Month 5 (FEEDER CATTLE TRADE AT SETTLE)								
GFT	Spec		Decrease	USD	1,320	1,200	990	900
GFT	Hedge/Member		Decrease	USD	1,200	1,200	900	900
Month 4 vs Month 5 (LIVE CATTLE FUTURES)								
LC	Spec		Decrease	USD	770	700	495	450
LC	Hedge/Member		Decrease	USD	700	700	450	450
Month 4 vs Month 5 (LIVE CATTLE TRADE AT SETTLEMENT)								
LET	Spec		Decrease	USD	770	700	495	450
LET	Hedge/Member		Decrease	USD	700	700	450	450
Month 4 vs Months 6+ (FEEDER CATTLE FUTURES)								
FC	Spec		Decrease	USD	1,320	1,200	990	900
FC	Hedge/Member		Decrease	USD	1,200	1,200	900	900
Month 4 vs Months 6+ (FEEDER CATTLE TRADE AT SETTLE)								
GFT	Spec		Decrease	USD	1,320	1,200	990	900
GFT	Hedge/Member		Decrease	USD	1,200	1,200	900	900
Month 4 vs Months 6+ (LIVE CATTLE FUTURES)								
LC	Spec		Decrease	USD	770	700	605	550
LC	Hedge/Member		Decrease	USD	700	700	550	550
Month 4 vs Months 6+ (LIVE CATTLE TRADE AT SETTLEMENT)								
LET	Spec		Decrease	USD	770	700	605	550
LET	Hedge/Member		Decrease	USD	700	700	550	550
Month 5 vs Months 6+ (FEEDER CATTLE FUTURES)								
FC	Spec		Decrease	USD	1,320	1,200	990	900
FC	Hedge/Member		Decrease	USD	1,200	1,200	900	900
Month 5 vs Months 6+ (FEEDER CATTLE TRADE AT SETTLE)								
GFT	Spec		Decrease	USD	1,320	1,200	990	900
GFT	Hedge/Member		Decrease	USD	1,200	1,200	900	900

SPAN MINIMUM PERFORMANCE BOND REQUIREMENTS

CC	Rate Type	Description	Change	ISO	Current Initial	Current Maintenance	New Initial	New Maintenance
Intra Spreads								
Month 5 vs Months 6+ (LIVE CATTLE FUTURES)								
LC	Spec		Decrease	USD	770	700	550	500
LC	Hedge/Member		Decrease	USD	700	700	500	500
Month 5 vs Months 6+ (LIVE CATTLE TRADE AT SETTLEMENT)								
LET	Spec		Decrease	USD	770	700	550	500
LET	Hedge/Member		Decrease	USD	700	700	500	500
Soybean Butterfly - Contracts 2-4 (MINI-SIZED SOYBEANS FUTURES)								
YK	Spec		Increase	USD	11	10	17	15
YK	Hedge/Member		Increase	USD	10	10	15	15
Soybean Butterfly - Contracts 2-4 (SOYBEAN FUTURES)								
S	Spec		Increase	USD	55	50	83	75
S	Hedge/Member		Increase	USD	50	50	75	75
Soybean Butterfly - Contracts 2-4 (SOYBEAN TAS FUTURE)								
SBT	Spec		Increase	USD	55	50	83	75
SBT	Hedge/Member		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
Intra Spreads								
COAL - Intra Spreads								
COAL API2 CIF ARA ARG-MCCLOCK : MTF-1 vs MTF-10 (COAL API2 CIF ARA ARG-MCCLOCKY FUT)								
MTF	Spec		Increase	USD	1,595	1,450	1,705	1,550
MTF	Hedge/Member		Increase	USD	1,450	1,450	1,550	1,550
COAL API2 CIF ARA ARG-MCCLOCK : MTF-1 vs MTF-11 (COAL API2 CIF ARA ARG-MCCLOCKY FUT)								
MTF	Spec		Increase	USD	1,595	1,450	1,705	1,550
MTF	Hedge/Member		Increase	USD	1,450	1,450	1,550	1,550
COAL API2 CIF ARA ARG-MCCLOCK : MTF-1 vs MTF-12 (COAL API2 CIF ARA ARG-MCCLOCKY FUT)								
MTF	Spec		Increase	USD	1,595	1,450	1,705	1,550
MTF	Hedge/Member		Increase	USD	1,450	1,450	1,550	1,550
COAL API2 CIF ARA ARG-MCCLOCK : MTF-1 vs MTF-13 (COAL API2 CIF ARA ARG-MCCLOCKY FUT)								
MTF	Spec		Increase	USD	1,595	1,450	1,705	1,550
MTF	Hedge/Member		Increase	USD	1,450	1,450	1,550	1,550
COAL API2 CIF ARA ARG-MCCLOCK : MTF-1 vs MTF-14 (COAL API2 CIF ARA ARG-MCCLOCKY FUT)								
MTF	Spec		Increase	USD	1,595	1,450	1,705	1,550
MTF	Hedge/Member		Increase	USD	1,450	1,450	1,550	1,550
COAL API2 CIF ARA ARG-MCCLOCK : MTF-1 vs MTF-15 (COAL API2 CIF ARA ARG-MCCLOCKY FUT)								
MTF	Spec		Increase	USD	1,595	1,450	1,705	1,550
MTF	Hedge/Member		Increase	USD	1,450	1,450	1,550	1,550
COAL API2 CIF ARA ARG-MCCLOCK : MTF-1 vs MTF-16 (COAL API2 CIF ARA ARG-MCCLOCKY FUT)								
MTF	Spec		Increase	USD	1,595	1,450	1,705	1,550
MTF	Hedge/Member		Increase	USD	1,450	1,450	1,550	1,550
COAL API2 CIF ARA ARG-MCCLOCK : MTF-1 vs MTF-3 (COAL API2 CIF ARA ARG-MCCLOCKY FUT)								
MTF	Spec		Increase	USD	1,595	1,450	1,705	1,550
MTF	Hedge/Member		Increase	USD	1,450	1,450	1,550	1,550
COAL API2 CIF ARA ARG-MCCLOCK : MTF-1 vs MTF-4 (COAL API2 CIF ARA ARG-MCCLOCKY FUT)								
MTF	Spec		Increase	USD	1,595	1,450	1,705	1,550
MTF	Hedge/Member		Increase	USD	1,450	1,450	1,550	1,550
COAL API2 CIF ARA ARG-MCCLOCK : MTF-1 vs MTF-5 (COAL API2 CIF ARA ARG-MCCLOCKY FUT)								
MTF	Spec		Increase	USD	1,595	1,450	1,705	1,550
MTF	Hedge/Member		Increase	USD	1,450	1,450	1,550	1,550
COAL API2 CIF ARA ARG-MCCLOCK : MTF-1 vs MTF-6 (COAL API2 CIF ARA ARG-MCCLOCKY FUT)								
MTF	Spec		Increase	USD	1,595	1,450	1,705	1,550
MTF	Hedge/Member		Increase	USD	1,450	1,450	1,550	1,550

SPAN MINIMUM PERFORMANCE BOND REQUIREMENTS

CC	Rate Type	Description	Change	ISO	Current Initial	Current Maintenance	New Initial	New Maintenance
Intra Spreads								
COAL API2 CIF ARA ARG-MCCLOSK : MTF-1 vs MTF-7 (COAL API2 CIF ARA ARG-MCCLOSKY FUT)								
MTF	Spec		Increase	USD	1,595	1,450	1,705	1,550
MTF	Hedge/Member		Increase	USD	1,450	1,450	1,550	1,550
COAL API2 CIF ARA ARG-MCCLOSK : MTF-1 vs MTF-8 (COAL API2 CIF ARA ARG-MCCLOSKY FUT)								
MTF	Spec		Increase	USD	1,595	1,450	1,705	1,550
MTF	Hedge/Member		Increase	USD	1,450	1,450	1,550	1,550
COAL API2 CIF ARA ARG-MCCLOSK : MTF-1 vs MTF-9 (COAL API2 CIF ARA ARG-MCCLOSKY FUT)								
MTF	Spec		Increase	USD	1,595	1,450	1,705	1,550
MTF	Hedge/Member		Increase	USD	1,450	1,450	1,550	1,550
Eastern Rail CSX Coal Swap Futures - All Months (EASTERN RAIL DELIVERY CSX COAL FUT)								
QX	Spec		Increase	USD	3,168	2,880	3,564	3,240
QX	Hedge/Member		Increase	USD	2,880	2,880	3,240	3,240
PRB Coal Swap - Mnths 1-2 vs Mnths 1-2 (WESTERN RAIL DELIVERY PRB COAL FUT)								
QP	Spec		Increase	USD	605	550	688	625
QP	Hedge/Member		Increase	USD	550	550	625	625
PRB Coal Swap - Mnths 1-2 vs Mnths 3+ (WESTERN RAIL DELIVERY PRB COAL FUT)								
QP	Spec		Increase	USD	754	685	902	820
QP	Hedge/Member		Increase	USD	685	685	820	820
PRB Coal Swap - Mnths 3+ vs Mnths 3+ (WESTERN RAIL DELIVERY PRB COAL FUT)								
QP	Spec		Increase	USD	660	600	770	700
QP	Hedge/Member		Increase	USD	600	600	700	700

SPAN MINIMUM PERFORMANCE BOND REQUIREMENTS

CC	Rate Type	Description	Change	ISO	Current Initial	Current Maintenance	New Initial	New Maintenance
Intra Spreads								
FX - Intra Spreads								
British Pound (BP) - Contracts 1-4 vs. 5-8 (BRITISH POUND FUTURES)								
BP	Spec		Increase	USD	204	185	242	220
BP	Hedge/Member		Increase	USD	185	185	220	220
British Pound (BP) - Contracts 1-4 vs. 5-8 (E-MICRO GBP/USD FUTURES)								
M6B	Spec		Increase	USD	20	19	24	22
M6B	Hedge/Member		Increase	USD	19	19	22	22
British Pound (BP) - Contracts 1-4 vs. 9+ (BRITISH POUND FUTURES)								
BP	Spec		Increase	USD	550	500	660	600
BP	Hedge/Member		Increase	USD	500	500	600	600
British Pound (BP) - Contracts 1-4 vs. 9+ (E-MICRO GBP/USD FUTURES)								
M6B	Spec		Increase	USD	55	50	66	60
M6B	Hedge/Member		Increase	USD	50	50	60	60
British Pound (BP) - Contracts 5-8 vs. 5-8 (BRITISH POUND FUTURES)								
BP	Spec		Increase	USD	204	185	242	220
BP	Hedge/Member		Increase	USD	185	185	220	220
British Pound (BP) - Contracts 5-8 vs. 5-8 (E-MICRO GBP/USD FUTURES)								
M6B	Spec		Increase	USD	20	19	24	22
M6B	Hedge/Member		Increase	USD	19	19	22	22
British Pound (BP) - Contracts 5-8 vs. 9+ (BRITISH POUND FUTURES)								
BP	Spec		Increase	USD	550	500	660	600
BP	Hedge/Member		Increase	USD	500	500	600	600
British Pound (BP) - Contracts 5-8 vs. 9+ (E-MICRO GBP/USD FUTURES)								
M6B	Spec		Increase	USD	55	50	66	60
M6B	Hedge/Member		Increase	USD	50	50	60	60
British Pound (BP) - Contracts 9+ vs. 9+ (BRITISH POUND FUTURES)								
BP	Spec		Increase	USD	550	500	660	600
BP	Hedge/Member		Increase	USD	500	500	600	600
British Pound (BP) - Contracts 9+ vs. 9+ (E-MICRO GBP/USD FUTURES)								
M6B	Spec		Increase	USD	55	50	66	60
M6B	Hedge/Member		Increase	USD	50	50	60	60
Canadian Dollar (CD) - Contracts 1-4 vs. 9+ (CANADIAN DOLLAR FUTURES)								
CD	Spec		Decrease	USD	413	375	341	310
CD	Hedge/Member		Decrease	USD	375	375	310	310

SPAN MINIMUM PERFORMANCE BOND REQUIREMENTS

CC	Rate Type	Description	Change	ISO	Current Initial	Current Maintenance	New Initial	New Maintenance
Intra Spreads								
Canadian Dollar (CD) - Contracts 1-4 vs. 9+ (E-MICRO CAD/USD FUTURES)								
MCD	Spec		Decrease	USD	41	38	34	31
MCD	Hedge/Member		Decrease	USD	38	38	31	31
Canadian Dollar (CD) - Contracts 5-8 vs. 9+ (CANADIAN DOLLAR FUTURES)								
CD	Spec		Decrease	USD	413	375	341	310
CD	Hedge/Member		Decrease	USD	375	375	310	310
Canadian Dollar (CD) - Contracts 5-8 vs. 9+ (E-MICRO CAD/USD FUTURES)								
MCD	Spec		Decrease	USD	41	38	34	31
MCD	Hedge/Member		Decrease	USD	38	38	31	31
Canadian Dollar (CD) - Contracts 9+ vs. 9+ (CANADIAN DOLLAR FUTURES)								
CD	Spec		Decrease	USD	413	375	341	310
CD	Hedge/Member		Decrease	USD	375	375	310	310
Canadian Dollar (CD) - Contracts 9+ vs. 9+ (E-MICRO CAD/USD FUTURES)								
MCD	Spec		Decrease	USD	41	38	34	31
MCD	Hedge/Member		Decrease	USD	38	38	31	31
Euro FX (EC) - Contracts 1-4 vs. 1-4 (E-MICRO EUR/USD FUTURES)								
M6E	Spec		Decrease	USD	13	12	11	10
M6E	Hedge/Member		Decrease	USD	12	12	10	10
Euro FX (EC) - Contracts 1-4 vs. 1-4 (E-MINI EURO FX FUTURE)								
E7	Spec		Decrease	USD	66	60	55	50
E7	Hedge/Member		Decrease	USD	60	60	50	50
Euro FX (EC) - Contracts 1-4 vs. 1-4 (EURO FUTURE)								
EC	Spec		Decrease	USD	132	120	110	100
EC	Hedge/Member		Decrease	USD	120	120	100	100
Euro FX (EC) - Contracts 1-4 vs. 5-8 (E-MICRO EUR/USD FUTURES)								
M6E	Spec		Decrease	USD	35	32	31	28
M6E	Hedge/Member		Decrease	USD	32	32	28	28
Euro FX (EC) - Contracts 1-4 vs. 5-8 (E-MINI EURO FX FUTURE)								
E7	Spec		Decrease	USD	176	160	154	140
E7	Hedge/Member		Decrease	USD	160	160	140	140
Euro FX (EC) - Contracts 1-4 vs. 5-8 (EURO FUTURE)								
EC	Spec		Decrease	USD	352	320	308	280
EC	Hedge/Member		Decrease	USD	320	320	280	280

SPAN MINIMUM PERFORMANCE BOND REQUIREMENTS

CC	Rate Type	Description	Change	ISO	Current Initial	Current Maintenance	New Initial	New Maintenance
Intra Spreads								
Euro FX (EC) - Contracts 1-4 vs. 9+ (E-MICRO EUR/USD FUTURES)								
M6E	Spec		Decrease	USD	83	75	66	60
M6E	Hedge/Member		Decrease	USD	75	75	60	60
Euro FX (EC) - Contracts 1-4 vs. 9+ (E-MINI EURO FX FUTURE)								
E7	Spec		Decrease	USD	413	375	330	300
E7	Hedge/Member		Decrease	USD	375	375	300	300
Euro FX (EC) - Contracts 1-4 vs. 9+ (EURO FUTURE)								
EC	Spec		Decrease	USD	825	750	660	600
EC	Hedge/Member		Decrease	USD	750	750	600	600
Euro FX (EC) - Contracts 5-8 vs. 9+ (E-MICRO EUR/USD FUTURES)								
M6E	Spec		Decrease	USD	83	75	66	60
M6E	Hedge/Member		Decrease	USD	75	75	60	60
Euro FX (EC) - Contracts 5-8 vs. 9+ (E-MINI EURO FX FUTURE)								
E7	Spec		Decrease	USD	413	375	330	300
E7	Hedge/Member		Decrease	USD	375	375	300	300
Euro FX (EC) - Contracts 5-8 vs. 9+ (EURO FUTURE)								
EC	Spec		Decrease	USD	825	750	660	600
EC	Hedge/Member		Decrease	USD	750	750	600	600
Euro FX (EC) - Contracts 9+ vs. 9+ (E-MICRO EUR/USD FUTURES)								
M6E	Spec		Decrease	USD	83	75	66	60
M6E	Hedge/Member		Decrease	USD	75	75	60	60
Euro FX (EC) - Contracts 9+ vs. 9+ (E-MINI EURO FX FUTURE)								
E7	Spec		Decrease	USD	413	375	330	300
E7	Hedge/Member		Decrease	USD	375	375	300	300
Euro FX (EC) - Contracts 9+ vs. 9+ (EURO FUTURE)								
EC	Spec		Decrease	USD	825	750	660	600
EC	Hedge/Member		Decrease	USD	750	750	600	600
Japanese Yen (JY) - Contract 1-4 vs. 9+ (E-MICRO JPY/USD)								
MJY	Spec		Decrease	USD	110	100	88	80
MJY	Hedge/Member		Decrease	USD	100	100	80	80
Japanese Yen (JY) - Contract 1-4 vs. 9+ (E-MINI J-YEN FUTURE)								
J7	Spec		Decrease	USD	550	500	440	400
J7	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								
Japanese Yen (JY) - Contract 1-4 vs. 9+ (JAPANESE YEN FUTURES)								
JY	Spec		Decrease	USD	1,100	1,000	880	800
JY	Hedge/Member		Decrease	USD	1,000	1,000	800	800
Japanese Yen (JY) - Contracts 5-8 vs. 9+ (E-MICRO JPY/USD)								
MJY	Spec		Decrease	USD	110	100	88	80
MJY	Hedge/Member		Decrease	USD	100	100	80	80
Japanese Yen (JY) - Contracts 5-8 vs. 9+ (E-MINI J-YEN FUTURE)								
J7	Spec		Decrease	USD	550	500	440	400
J7	Hedge/Member		Decrease	USD	500	500	400	400
Japanese Yen (JY) - Contracts 5-8 vs. 9+ (JAPANESE YEN FUTURES)								
JY	Spec		Decrease	USD	1,100	1,000	880	800
JY	Hedge/Member		Decrease	USD	1,000	1,000	800	800
Japanese Yen (JY) - Contracts 9+ vs. 9+ (E-MICRO JPY/USD)								
MJY	Spec		Decrease	USD	110	100	88	80
MJY	Hedge/Member		Decrease	USD	100	100	80	80
Japanese Yen (JY) - Contracts 9+ vs. 9+ (E-MINI J-YEN FUTURE)								
J7	Spec		Decrease	USD	550	500	440	400
J7	Hedge/Member		Decrease	USD	500	500	400	400
Japanese Yen (JY) - Contracts 9+ vs. 9+ (JAPANESE YEN FUTURES)								
JY	Spec		Decrease	USD	1,100	1,000	880	800
JY	Hedge/Member		Decrease	USD	1,000	1,000	800	800
Swiss Franc (SF) - Contracts 1-4 vs. 9+ (E-MICRO CHF/USD FUTURES)								
MSF	Spec		Decrease	USD	110	100	88	80
MSF	Hedge/Member		Decrease	USD	100	100	80	80
Swiss Franc (SF) - Contracts 1-4 vs. 9+ (SWISS FRANC FUTURES)								
SF	Spec		Decrease	USD	1,100	1,000	880	800
SF	Hedge/Member		Decrease	USD	1,000	1,000	800	800
Swiss Franc (SF) - Contracts 5-8 vs. 9+ (E-MICRO CHF/USD FUTURES)								
MSF	Spec		Decrease	USD	110	100	88	80
MSF	Hedge/Member		Decrease	USD	100	100	80	80
Swiss Franc (SF) - Contracts 5-8 vs. 9+ (SWISS FRANC FUTURES)								
SF	Spec		Decrease	USD	1,100	1,000	880	800
SF	Hedge/Member		Decrease	USD	1,000	1,000	800	800

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

Swiss Franc (SF) - Contracts 9+ vs. 9+ (E-MICRO CHF/USD FUTURES)

MSF	Spec		Decrease	USD	110	100	88	80
MSF	Hedge/Member		Decrease	USD	100	100	80	80

Swiss Franc (SF) - Contracts 9+ vs. 9+ (SWISS FRANC FUTURES)

SF	Spec		Decrease	USD	1,100	1,000	880	800
SF	Hedge/Member		Decrease	USD	1,000	1,000	800	800

METALS - Intra Spreads

All Months (ALUMINIUM EURO PREM DUTY-PAID FUT)

EDP	Spec		Increase	USD	248	225	297	270
EDP	Hedge/Member		Increase	USD	225	225	270	270

SPAN MINIMUM PERFORMANCE BOND REQUIREMENTS

CC	Rate Type	Description	Change	ISO	Current Initial	Current Maintenance	New Initial	New Maintenance
Intra Spreads								
REFINED PRODUCTS - Intra Spreads								
European 3.5% Fuel Oil Rotterdam Calendar Swap - Mnth 1 vs Mnth 2+ (EUROPE 3.5% FUEL OIL RDAM CALFUT)								
UV	Spec		New	USD			11,000	10,000
UV	Hedge/Member		New	USD			10,000	10,000
European 3.5% Fuel Oil Rotterdam Calendar Swap - Mnth 1 vs Mnth 2+ (MINI EURO 3.5% FUEL OIL FOB RDM FUT)								
OD	Spec		New	USD			1,100	1,000
OD	Hedge/Member		New	USD			1,000	1,000
European 3.5% Fuel Oil Rotterdam Calendar Swap - Mnths 2+ (EUROPE 3.5% FUEL OIL RDAM CALFUT)								
UV	Spec		New	USD			6,600	6,000
UV	Hedge/Member		New	USD			6,000	6,000
European 3.5% Fuel Oil Rotterdam Calendar Swap - Mnths 2+ (MINI EURO 3.5% FUEL OIL FOB RDM FUT)								
OD	Spec		New	USD			660	600
OD	Hedge/Member		New	USD			600	600
European Naphtha Calendar Swap - Mnth 1 vs Mnths 2+ (EUROPE NAPHTHA CALFUT)								
UN	Spec		New	USD			17,600	16,000
UN	Hedge/Member		New	USD			16,000	16,000
European Naphtha Calendar Swap - Mnth 1 vs Mnths 2+ (MIN EURO NPHTHA CIF NWE FUT)								
MNC	Spec		New	USD			1,760	1,600
MNC	Hedge/Member		New	USD			1,600	1,600
European Naphtha Calendar Swap - Mnths 2+ (EUROPE NAPHTHA CALFUT)								
UN	Spec		New	USD			13,200	12,000
UN	Hedge/Member		New	USD			12,000	12,000
European Naphtha Calendar Swap - Mnths 2+ (MIN EURO NPHTHA CIF NWE FUT)								
MNC	Spec		New	USD			1,320	1,200
MNC	Hedge/Member		New	USD			1,200	1,200
Gasoline Euro-bob Oxy (Argus) NWE Barges Swap - Mnth 1 vs Mtnhs 2+ (GAS EURO-BOB OXY (ARG) NEW BRG)								
7H	Spec		New	USD			17,600	16,000
7H	Hedge/Member		New	USD			16,000	16,000
Gasoline Euro-bob Oxy (Argus) NWE Barges Swap - Mnth 1 vs Mtnhs 2+ (MINI GAS EUROBOB OXY BARGES FUT)								
MEO	Spec		New	USD			1,760	1,600
MEO	Hedge/Member		New	USD			1,600	1,600
Gasoline Euro-bob Oxy (Argus) NWE Barges Swap - Mnths 2+ (GAS EURO-BOB OXY (ARG) NEW BRG)								
7H	Spec		New	USD			13,200	12,000
7H	Hedge/Member		New	USD			12,000	12,000

SPAN MINIMUM PERFORMANCE BOND REQUIREMENTS

CC	Rate Type	Description	Change	ISO	Current Initial	Current Maintenance	New Initial	New Maintenance
Intra Spreads								
Gasoline Euro-bob Oxy (Argus) NWE Barges Swap - Mnths 2+ (MINI GAS EUROBOB OXY BARGES FUT)								
MEO	Spec		New	USD			1,320	1,200
MEO	Hedge/Member		New	USD			1,200	1,200
Gulf Coast Ultra Low Sulfur Diesel (ULSD) Swap - Mth 1 vs Mth 2+ (GULF COAST ULSD CALENDAR FUT)								
LY	Spec		Increase	USD	1,540	1,400	2,420	2,200
LY	Hedge/Member		Increase	USD	1,400	1,400	2,200	2,200

Rate Type	Change	Ratio	Current Initial	Current Maintenance	New Initial	New Maintenance
Inter-commodity Spread Rates						
AGRICULTURE - Inter-commodity Spread Rates						
CORN (C - CME) vs CHICAGO ETHANOL (PLATTS) SWAP FUTURES (NY-CU - CME)						
Spread Credit Rate	Decrease	+4:-1	60%	60%	50%	50%
ELECTRICITY - Inter-commodity Spread Rates						
PJM Off-Peak Calendar-Month LMP Futures (NY-JP-CME) vs PJM PPL Zone Peak Calendar-Month Day-Ahead LMP Futures (NY-L5-CME)						
Spread Credit Rate	Decrease	+1:-12	70%	70%	60%	60%
PJM WESTERN HUB PEAK CAL REAL-TIME LMP SWAP FUT (NY-L1- CME) vs PJM PPL ZONE PEAK CAL DA LMP SWAP FUT (NY-L5- CME)						
Spread Credit Rate	Decrease	+1:-1	75%	75%	65%	65%
PJM Western Hub Real-Time Peak Calendar-Month 2.5 MW Futures (NY-JM-CME) vs PJM PPL Zone Peak Calendar-Month Day-Ahead LMP Futures (NY-L5-CME)						
Spread Credit Rate	Decrease	+1:-10	75%	75%	65%	65%
ETHANOL - Inter-commodity Spread Rates						
CORN (C - CME) vs CHICAGO ETHANOL (PLATTS) SWAP FUTURES (NY-CU - CME)						
Spread Credit Rate	Decrease	+4:-1	60%	60%	50%	50%
REFINED PRODUCTS - Inter-commodity Spread Rates						
EUROPEAN 3.5% FUEL OIL (PLATTS) BARGES FOB RDAM CALENDAR SWAP FUTURES (NY-UV - CME) vs GULF COAST NO. 6 FUEL OIL 3.0% (PLATTS) SWAP FUTURES (NY-MF - CME)						
Spread Credit Rate	Decrease	+3:-19	90%	90%	81%	81%

SPAN MINIMUM PERFORMANCE BOND REQUIREMENTS

Rate Type	<u>Tier Description</u>	Change	Current Initial	Current Maintenance	New Initial	New Maintenance
Volatility Scan (volScan) Rate						
ELECTRICITY - Volatility Scan (volScan) Rate						
PJM NORTHERN ILLINOIS HUB OFF-PEAK CALENDAR-MONTH DAY-AHEAD LMP SWAP FUTURES (L3) - volScan						
Clearing Member Rate	Mnths 12+	New				0.025