



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

FROM: CME Clearing

SUBJECT: Performance Bond Requirements

DATE: Thursday, May 04, 2017

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

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

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As per the normal review of market volatility to ensure adequate collateral coverage, the Chicago Mercantile Exchange Inc., Clearing House Risk Management staff approved the performance bond requirements for the following products listed below. The advisory also includes changes to certain products' erosion methodology. The specific products can be found on page 3 of the advisory.

The rates will be effective after the close of business on

Friday, May 05, 2017.

Current rates as of:

Thursday, May 04, 2017.

In this current advisory there are changes to the Short Option Minimum and/or the Volatility Scan Range.

Below are descriptions of what each change affects:

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

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

SPAN MINIMUM PERFORMANCE BOND REQUIREMENTS

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

AGRICULTURE - Outright Rates

FEEDER CATTLE FUTURES (FC)

FC	Spec	Month 1	Increase	USD	3,300	3,000	3,713	3,375
FC	Hedge/Member	Month 1	Increase	USD	3,000	3,000	3,375	3,375
FC	Spec	Month 2	Increase	USD	3,300	3,000	3,713	3,375
FC	Hedge/Member	Month 2	Increase	USD	3,000	3,000	3,375	3,375
FC	Spec	Month 3	Increase	USD	3,300	3,000	3,713	3,375
FC	Hedge/Member	Month 3	Increase	USD	3,000	3,000	3,375	3,375
FC	Spec	Month 4	Increase	USD	3,300	3,000	3,713	3,375
FC	Hedge/Member	Month 4	Increase	USD	3,000	3,000	3,375	3,375
FC	Spec	Month 5	Increase	USD	3,300	3,000	3,713	3,375
FC	Hedge/Member	Month 5	Increase	USD	3,000	3,000	3,375	3,375
FC	Spec	Months 6+	Increase	USD	3,300	3,000	3,713	3,375
FC	Hedge/Member	Months 6+	Increase	USD	3,000	3,000	3,375	3,375

FEEDER CATTLE TRADE AT SETTLE (GFT)

GFT	Spec	Month 1	Increase	USD	3,300	3,000	3,713	3,375
GFT	Hedge/Member	Month 1	Increase	USD	3,000	3,000	3,375	3,375
GFT	Spec	Month 2	Increase	USD	3,300	3,000	3,713	3,375
GFT	Hedge/Member	Month 2	Increase	USD	3,000	3,000	3,375	3,375
GFT	Spec	Month 3	Increase	USD	3,300	3,000	3,713	3,375
GFT	Hedge/Member	Month 3	Increase	USD	3,000	3,000	3,375	3,375
GFT	Spec	Month 4	Increase	USD	3,300	3,000	3,713	3,375
GFT	Hedge/Member	Month 4	Increase	USD	3,000	3,000	3,375	3,375
GFT	Spec	Month 5	Increase	USD	3,300	3,000	3,713	3,375
GFT	Hedge/Member	Month 5	Increase	USD	3,000	3,000	3,375	3,375
GFT	Spec	Months 6+	Increase	USD	3,300	3,000	3,713	3,375
GFT	Hedge/Member	Months 6+	Increase	USD	3,000	3,000	3,375	3,375

LIVE CATTLE FUTURES (LC)

LC	Spec	Month 2	Increase	USD	1,705	1,550	1,980	1,800
LC	Hedge/Member	Month 2	Increase	USD	1,550	1,550	1,800	1,800
LC	Spec	Month 1	Increase	USD	1,705	1,550	1,980	1,800
LC	Hedge/Member	Month 1	Increase	USD	1,550	1,550	1,800	1,800
LC	Spec	Month 3	Increase	USD	1,705	1,550	1,980	1,800
LC	Hedge/Member	Month 3	Increase	USD	1,550	1,550	1,800	1,800
LC	Spec	Month 4	Increase	USD	1,705	1,550	1,980	1,800
LC	Hedge/Member	Month 4	Increase	USD	1,550	1,550	1,800	1,800
LC	Spec	Month 5	Increase	USD	1,705	1,550	1,980	1,800
LC	Hedge/Member	Month 5	Increase	USD	1,550	1,550	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								
LC	Spec	Months 6+	Increase	USD	1,705	1,550	1,980	1,800
LC	Hedge/Member	Months 6+	Increase	USD	1,550	1,550	1,800	1,800
LIVE CATTLE TRADE AT SETTLEMENT (LET)								
LET	Spec	Month 2	Increase	USD	1,705	1,550	1,980	1,800
LET	Hedge/Member	Month 2	Increase	USD	1,550	1,550	1,800	1,800
LET	Spec	Month 1	Increase	USD	1,705	1,550	1,980	1,800
LET	Hedge/Member	Month 1	Increase	USD	1,550	1,550	1,800	1,800
LET	Spec	Month 3	Increase	USD	1,705	1,550	1,980	1,800
LET	Hedge/Member	Month 3	Increase	USD	1,550	1,550	1,800	1,800
LET	Spec	Month 4	Increase	USD	1,705	1,550	1,980	1,800
LET	Hedge/Member	Month 4	Increase	USD	1,550	1,550	1,800	1,800
LET	Spec	Month 5	Increase	USD	1,705	1,550	1,980	1,800
LET	Hedge/Member	Month 5	Increase	USD	1,550	1,550	1,800	1,800
LET	Spec	Months 6+	Increase	USD	1,705	1,550	1,980	1,800
LET	Hedge/Member	Months 6+	Increase	USD	1,550	1,550	1,800	1,800

Erosion Methodology

CC	Name	Current Erosion	New Erosion
JET	NY Buckeye Jet Fuel (Platts) vs. NY Harbor ULSD Futures	Square Root	None

SPAN MINIMUM PERFORMANCE BOND REQUIREMENTS

CC	Rate Type	Description	Change	ISO	Current Initial	Current Maintenance	New Initial	New Maintenance
Outright Rates								
ELECTRICITY - Outright Rates								
AEP-DAYTON HUB OFF-PEAK MONTHLY (VP)								
VP	Spec	Mnth 1	Decrease	USD	2,200	2,000	1,925	1,750
VP	Hedge/Member	Mnth 1	Decrease	USD	2,000	2,000	1,750	1,750
VP	Spec	Mnth 2	Decrease	USD	2,035	1,850	1,595	1,450
VP	Hedge/Member	Mnth 2	Decrease	USD	1,850	1,850	1,450	1,450
VP	Spec	Mnths 3-11	Decrease	USD	1,650	1,500	1,100	1,000
VP	Hedge/Member	Mnths 3-11	Decrease	USD	1,500	1,500	1,000	1,000
AER-DAYTON HUB MONTHLY (VM)								
VM	Spec	Mnths 3-4	Decrease	USD	2,750	2,500	1,925	1,750
VM	Hedge/Member	Mnths 3-4	Decrease	USD	2,500	2,500	1,750	1,750
VM	Spec	Mnths 5-11	Decrease	USD	1,430	1,300	1,100	1,000
VM	Hedge/Member	Mnths 5-11	Decrease	USD	1,300	1,300	1,000	1,000
VM	Spec	Mnths 12+	Decrease	USD	1,430	1,300	1,100	1,000
VM	Hedge/Member	Mnths 12+	Decrease	USD	1,300	1,300	1,000	1,000
ILLINOIS HUB PEAK MONTH FUT (OM)								
OM	Spec	Mnths 2-6	Decrease	USD	248	225	198	180
OM	Hedge/Member	Mnths 2-6	Decrease	USD	225	225	180	180
ISO NEW ENGLAND OFF-PEAK LMP FUT (KI)								
KI	Spec	Mnth 1	Decrease	USD	7,150	6,500	3,850	3,500
KI	Hedge/Member	Mnth 1	Decrease	USD	6,500	6,500	3,500	3,500
KI	Spec	Mnth 2	Decrease	USD	6,600	6,000	3,850	3,500
KI	Hedge/Member	Mnth 2	Decrease	USD	6,000	6,000	3,500	3,500
ISO NEW ENGLAND PEAK LMP FUT (NI)								
NI	Spec	Mnth 1	Decrease	USD	6,600	6,000	3,740	3,400
NI	Hedge/Member	Mnth 1	Decrease	USD	6,000	6,000	3,400	3,400
NI	Spec	Mnth 2	Decrease	USD	6,600	6,000	3,740	3,400
NI	Hedge/Member	Mnth 2	Decrease	USD	6,000	6,000	3,400	3,400
NI	Spec	Mnths 3-5	Decrease	USD	5,170	4,700	2,640	2,400
NI	Hedge/Member	Mnths 3-5	Decrease	USD	4,700	4,700	2,400	2,400
MID IND TRAN SO IL HUB5MW PEAK (4Q)								
4Q	Spec	Mnth 2	Decrease	USD	330	300	275	250
4Q	Hedge/Member	Mnth 2	Decrease	USD	300	300	250	250

SPAN MINIMUM PERFORMANCE BOND REQUIREMENTS

CC	Rate Type	Description	Change	ISO	Current Initial	Current Maintenance	New Initial	New Maintenance
Outright Rates								
MIDWEST ISO MICHIGAN HUB 5MW PEAK C (HMW)								
HMW	Spec	Mnth 1	Decrease	USD	330	300	275	250
HMW	Hedge/Member	Mnth 1	Decrease	USD	300	300	250	250
HMW	Spec	Mnth 2	Decrease	USD	248	225	154	140
HMW	Hedge/Member	Mnth 2	Decrease	USD	225	225	140	140
HMW	Spec	Mnths 3-4	Decrease	USD	248	225	154	140
HMW	Hedge/Member	Mnths 3-4	Decrease	USD	225	225	140	140
HMW	Spec	Mnths 5-11	Decrease	USD	110	100	99	90
HMW	Hedge/Member	Mnths 5-11	Decrease	USD	100	100	90	90
HMW	Spec	Mnths 12+	Decrease	USD	110	100	99	90
HMW	Hedge/Member	Mnths 12+	Decrease	USD	100	100	90	90
MINNESOTA HUB PEAK MONTH FUT (LM)								
LM	Spec	Mnths 2-6	Decrease	USD	248	225	198	180
LM	Hedge/Member	Mnths 2-6	Decrease	USD	225	225	180	180
MISO INDIANA HUB 5MW D AH PK (H5)								
H5	Spec	Mnth 1	Decrease	USD	275	250	165	150
H5	Hedge/Member	Mnth 1	Decrease	USD	250	250	150	150
H5	Spec	Mnth 2	Decrease	USD	242	220	154	140
H5	Hedge/Member	Mnth 2	Decrease	USD	220	220	140	140
H5	Spec	Mnths 3-4	Decrease	USD	165	150	110	100
H5	Hedge/Member	Mnths 3-4	Decrease	USD	150	150	100	100
H5	Spec	Mnth 5-11	Decrease	USD	110	100	99	90
H5	Hedge/Member	Mnth 5-11	Decrease	USD	100	100	90	90
H5	Spec	Mnths 12+	Decrease	USD	110	100	99	90
H5	Hedge/Member	Mnths 12+	Decrease	USD	100	100	90	90
MISO INDIANA HUB 5MW REAL TIME OFPK (H4)								
H4	Spec	Mnth 1	Decrease	USD	11	10	8	7
H4	Hedge/Member	Mnth 1	Decrease	USD	10	10	7	7
MISO INDIANA HUB 5MW REAL TIME PK (H3)								
H3	Spec	Mnth 1	Decrease	USD	275	250	154	140
H3	Hedge/Member	Mnth 1	Decrease	USD	250	250	140	140
H3	Spec	Mnth 2	Decrease	USD	220	200	110	100
H3	Hedge/Member	Mnth 2	Decrease	USD	200	200	100	100
H3	Spec	Mnths 3-11	Decrease	USD	138	125	99	90
H3	Hedge/Member	Mnths 3-11	Decrease	USD	125	125	90	90
H3	Spec	Mnth 12+	Decrease	USD	110	100	99	90
H3	Hedge/Member	Mnth 12+	Decrease	USD	100	100	90	90

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

MISO INDIANA HUB OFF-PEAK MO FUT (EJ)

EJ	Spec	Mnth 2	Decrease	USD	1,870	1,700	1,430	1,300
EJ	Hedge/Member	Mnth 2	Decrease	USD	1,700	1,700	1,300	1,300
EJ	Spec	Mnths 3-5	Decrease	USD	1,540	1,400	1,100	1,000
EJ	Hedge/Member	Mnths 3-5	Decrease	USD	1,400	1,400	1,000	1,000

NEPOOL CNCTCT 5MW D AH O PK (P3)

P3	Spec	Mnth 1	Decrease	USD	39	35	28	25
P3	Hedge/Member	Mnth 1	Decrease	USD	35	35	25	25
P3	Spec	Mnth 2	Decrease	USD	31	28	17	15
P3	Hedge/Member	Mnth 2	Decrease	USD	28	28	15	15
P3	Spec	Mnths 3-4	Decrease	USD	28	25	17	15
P3	Hedge/Member	Mnths 3-4	Decrease	USD	25	25	15	15

NEPOOL CONECTIC 5MW D AH PK (P2)

P2	Spec	Mnth 1	Decrease	USD	660	600	550	500
P2	Hedge/Member	Mnth 1	Decrease	USD	600	600	500	500
P2	Spec	Mnth 2	Decrease	USD	660	600	385	350
P2	Hedge/Member	Mnth 2	Decrease	USD	600	600	350	350
P2	Spec	Mnths 3-5	Decrease	USD	495	450	275	250
P2	Hedge/Member	Mnths 3-5	Decrease	USD	450	450	250	250
P2	Spec	Mnths 6-11	Decrease	USD	220	200	193	175
P2	Hedge/Member	Mnths 6-11	Decrease	USD	200	200	175	175
P2	Spec	Mnths +12	Decrease	USD	220	200	193	175
P2	Hedge/Member	Mnths +12	Decrease	USD	200	200	175	175

NEPOOL INTR HUB 5MW D AH O PK (H2)

H2	Spec	Mnth 1	Decrease	USD	28	25	17	15
H2	Hedge/Member	Mnth 1	Decrease	USD	25	25	15	15
H2	Spec	Mnth 2	Decrease	USD	22	20	17	15
H2	Hedge/Member	Mnth 2	Decrease	USD	20	20	15	15
H2	Spec	Mnths 3-4	Decrease	USD	10	9	9	8
H2	Hedge/Member	Mnths 3-4	Decrease	USD	9	9	8	8

SPAN MINIMUM PERFORMANCE BOND REQUIREMENTS

CC	Rate Type	Description	Change	ISO	Current Initial	Current Maintenance	New Initial	New Maintenance
Outright Rates								
NEPOOL INTR HUB 5MW D AH PK (U6)								
U6	Spec	Month 1	Decrease	USD	578	525	385	350
U6	Hedge/Member	Month 1	Decrease	USD	525	525	350	350
U6	Spec	Month 2	Decrease	USD	440	400	275	250
U6	Hedge/Member	Month 2	Decrease	USD	400	400	250	250
U6	Spec	Mnths 3-5	Decrease	USD	275	250	220	200
U6	Hedge/Member	Mnths 3-5	Decrease	USD	250	250	200	200
U6	Spec	Mnths 6-11	Decrease	USD	198	180	165	150
U6	Hedge/Member	Mnths 6-11	Decrease	USD	180	180	150	150
U6	Spec	Mnths 12+	Decrease	USD	198	180	165	150
U6	Hedge/Member	Mnths 12+	Decrease	USD	180	180	150	150
NEPOOL MAINE 5MW D AH O EAK (W2)								
W2	Spec	Mnth 1	Decrease	USD	39	35	28	25
W2	Hedge/Member	Mnth 1	Decrease	USD	35	35	25	25
W2	Spec	Mnth 2	Decrease	USD	28	25	17	15
W2	Hedge/Member	Mnth 2	Decrease	USD	25	25	15	15
NEPOOL MAINE 5MW D AH PK (P9)								
P9	Spec	Mnth 1	Decrease	USD	633	575	495	450
P9	Hedge/Member	Mnth 1	Decrease	USD	575	575	450	450
P9	Spec	Mnth 2	Decrease	USD	550	500	440	400
P9	Hedge/Member	Mnth 2	Decrease	USD	500	500	400	400
P9	Spec	Mnths 3-4	Decrease	USD	413	375	275	250
P9	Hedge/Member	Mnths 3-4	Decrease	USD	375	375	250	250
P9	Spec	Mnths 5-11	Decrease	USD	220	200	193	175
P9	Hedge/Member	Mnths 5-11	Decrease	USD	200	200	175	175
P9	Spec	Mnths 12+	Decrease	USD	220	200	193	175
P9	Hedge/Member	Mnths 12+	Decrease	USD	200	200	175	175
NEPOOL NE MASS 5MW D AH O PK (P8)								
P8	Spec	Mnth 1	Decrease	USD	33	30	22	20
P8	Hedge/Member	Mnth 1	Decrease	USD	30	30	20	20
P8	Spec	Mnth 2	Decrease	USD	22	20	17	15
P8	Hedge/Member	Mnth 2	Decrease	USD	20	20	15	15
P8	Spec	Mnths 3-4	Decrease	USD	22	20	17	15
P8	Hedge/Member	Mnths 3-4	Decrease	USD	20	20	15	15

SPAN MINIMUM PERFORMANCE BOND REQUIREMENTS

CC	Rate Type	Description	Change	ISO	Current Initial	Current Maintenance	New Initial	New Maintenance
Outright Rates								
NEPOOL NE MASS 5MW D AH PK (P7)								
P7	Spec	Mnth 1	Decrease	USD	633	575	495	450
P7	Hedge/Member	Mnth 1	Decrease	USD	575	575	450	450
P7	Spec	Mnth 2	Decrease	USD	550	500	440	400
P7	Hedge/Member	Mnth 2	Decrease	USD	500	500	400	400
P7	Spec	Mnths 3-5	Decrease	USD	413	375	275	250
P7	Hedge/Member	Mnths 3-5	Decrease	USD	375	375	250	250
P7	Spec	Mnths 6-11	Decrease	USD	220	200	193	175
P7	Hedge/Member	Mnths 6-11	Decrease	USD	200	200	175	175
P7	Spec	Mnths 12+	Decrease	USD	220	200	193	175
P7	Hedge/Member	Mnths 12+	Decrease	USD	200	200	175	175
NEPOOL NEW HAMP 5MW D AH O PK (U3)								
U3	Spec	Mnth 1	Decrease	USD	33	30	17	15
U3	Hedge/Member	Mnth 1	Decrease	USD	30	30	15	15
U3	Spec	Mnth 2	Decrease	USD	17	15	11	10
U3	Hedge/Member	Mnth 2	Decrease	USD	15	15	10	10
NEPOOL NEW HAMP 5MW D AH PK (U2)								
U2	Spec	Mnth 1	Decrease	USD	633	575	495	450
U2	Hedge/Member	Mnth 1	Decrease	USD	575	575	450	450
U2	Spec	Mnth 2	Decrease	USD	550	500	440	400
U2	Hedge/Member	Mnth 2	Decrease	USD	500	500	400	400
U2	Spec	Mnths 3-11	Decrease	USD	385	350	275	250
U2	Hedge/Member	Mnths 3-11	Decrease	USD	350	350	250	250
U2	Spec	Mnth 12+	Decrease	USD	385	350	275	250
U2	Hedge/Member	Mnth 12+	Decrease	USD	350	350	250	250
NEPOOL RHD ISLD 5MW D AH PK (U4)								
U4	Spec	Mnth 1	Decrease	USD	633	575	550	500
U4	Hedge/Member	Mnth 1	Decrease	USD	575	575	500	500
U4	Spec	Mnth 2	Decrease	USD	550	500	440	400
U4	Hedge/Member	Mnth 2	Decrease	USD	500	500	400	400
U4	Spec	Mnths 3-4	Decrease	USD	413	375	275	250
U4	Hedge/Member	Mnths 3-4	Decrease	USD	375	375	250	250
U4	Spec	Mnths 5-11	Decrease	USD	198	180	193	175
U4	Hedge/Member	Mnths 5-11	Decrease	USD	180	180	175	175
U4	Spec	Mnths 12+	Decrease	USD	198	180	193	175
U4	Hedge/Member	Mnths 12+	Decrease	USD	180	180	175	175

SPAN MINIMUM PERFORMANCE BOND REQUIREMENTS

CC	Rate Type	Description	Change	ISO	Current Initial	Current Maintenance	New Initial	New Maintenance
Outright Rates								
NEPOOL RHODE IL 5MW D AH O PK (U5)								
U5	Spec	Mnth 1	Decrease	USD	44	40	28	25
U5	Hedge/Member	Mnth 1	Decrease	USD	40	40	25	25
U5	Spec	Mnth 2	Decrease	USD	24	22	17	15
U5	Hedge/Member	Mnth 2	Decrease	USD	22	22	15	15
U5	Spec	Mnths 3-4	Decrease	USD	20	18	11	10
U5	Hedge/Member	Mnths 3-4	Decrease	USD	18	18	10	10
NEPOOL SE MASS 5MW D AH O PK (P5)								
P5	Spec	Mnth 1	Decrease	USD	33	30	22	20
P5	Hedge/Member	Mnth 1	Decrease	USD	30	30	20	20
P5	Spec	Mnth 2	Decrease	USD	25	23	17	15
P5	Hedge/Member	Mnth 2	Decrease	USD	23	23	15	15
P5	Spec	Mnths 3-4	Decrease	USD	17	15	13	12
P5	Hedge/Member	Mnths 3-4	Decrease	USD	15	15	12	12
NEPOOL SE MASS 5MW D AH PK (P4)								
P4	Spec	Mnth 1	Decrease	USD	715	650	495	450
P4	Hedge/Member	Mnth 1	Decrease	USD	650	650	450	450
P4	Spec	Mnth 2	Decrease	USD	660	600	440	400
P4	Hedge/Member	Mnth 2	Decrease	USD	600	600	400	400
P4	Spec	Mnths 3-4	Decrease	USD	440	400	275	250
P4	Hedge/Member	Mnths 3-4	Decrease	USD	400	400	250	250
P4	Spec	Mths 5-11	Decrease	USD	220	200	193	175
P4	Hedge/Member	Mths 5-11	Decrease	USD	200	200	175	175
P4	Spec	Mnths 12+	Decrease	USD	220	200	193	175
P4	Hedge/Member	Mnths 12+	Decrease	USD	200	200	175	175
NEPOOL W CNT MASS 5MW D AH O PK (L9)								
L9	Spec	Mnth 1	Decrease	USD	33	30	22	20
L9	Hedge/Member	Mnth 1	Decrease	USD	30	30	20	20
L9	Spec	Mnth 2	Decrease	USD	22	20	17	15
L9	Hedge/Member	Mnth 2	Decrease	USD	20	20	15	15
L9	Spec	Mnths 3-5	Decrease	USD	17	15	11	10
L9	Hedge/Member	Mnths 3-5	Decrease	USD	15	15	10	10

SPAN MINIMUM PERFORMANCE BOND REQUIREMENTS

CC	Rate Type	Description	Change	ISO	Current Initial	Current Maintenance	New Initial	New Maintenance
Outright Rates								
NEPOOL W CNTR M 5MW D AH PK (R6)								
R6	Spec	Mnth 1	Decrease	USD	633	575	495	450
R6	Hedge/Member	Mnth 1	Decrease	USD	575	575	450	450
R6	Spec	Mnth 2	Decrease	USD	550	500	385	350
R6	Hedge/Member	Mnth 2	Decrease	USD	500	500	350	350
R6	Spec	Mnths 3-5	Decrease	USD	385	350	275	250
R6	Hedge/Member	Mnths 3-5	Decrease	USD	350	350	250	250
R6	Spec	Mnths 6-11	Decrease	USD	220	200	193	175
R6	Hedge/Member	Mnths 6-11	Decrease	USD	200	200	175	175
R6	Spec	Mnths +12	Decrease	USD	220	200	193	175
R6	Hedge/Member	Mnths +12	Decrease	USD	200	200	175	175
NYISO J (KJ)								
KJ	Spec	Mnth 2	Decrease	USD	2,750	2,500	1,870	1,700
KJ	Hedge/Member	Mnth 2	Decrease	USD	2,500	2,500	1,700	1,700
KJ	Spec	Mnths 3-6	Decrease	USD	1,650	1,500	1,100	1,000
KJ	Hedge/Member	Mnths 3-6	Decrease	USD	1,500	1,500	1,000	1,000
NYISO J OFF-PEAK (KK)								
KK	Spec	Mnth 1	Decrease	USD	5,720	5,200	3,025	2,750
KK	Hedge/Member	Mnth 1	Decrease	USD	5,200	5,200	2,750	2,750
KK	Spec	Mnth 2	Decrease	USD	5,720	5,200	3,025	2,750
KK	Hedge/Member	Mnth 2	Decrease	USD	5,200	5,200	2,750	2,750
KK	Spec	Mnths 3-5	Decrease	USD	4,290	3,900	2,310	2,100
KK	Hedge/Member	Mnths 3-5	Decrease	USD	3,900	3,900	2,100	2,100
NYISO ZONE A 5MW D AH PK (K3)								
K3	Spec	Mnth 2	Decrease	USD	330	300	275	250
K3	Hedge/Member	Mnth 2	Decrease	USD	300	300	250	250
K3	Spec	Mnths 6-11	Decrease	USD	193	175	165	150
K3	Hedge/Member	Mnths 6-11	Decrease	USD	175	175	150	150
K3	Spec	Mnths 12+	Decrease	USD	193	175	165	150
K3	Hedge/Member	Mnths 12+	Decrease	USD	175	175	150	150
NYISO ZONE C 5MW D AH O PK (A3)								
A3	Spec	Mnths 3-11	Decrease	USD	17	15	11	10
A3	Hedge/Member	Mnths 3-11	Decrease	USD	15	15	10	10
A3	Spec	Mnths 12+	Decrease	USD	17	15	11	10
A3	Hedge/Member	Mnths 12+	Decrease	USD	15	15	10	10

SPAN MINIMUM PERFORMANCE BOND REQUIREMENTS

CC	Rate Type	Description	Change	ISO	Current Initial	Current Maintenance	New Initial	New Maintenance
Outright Rates								
NYISO ZONE C 5MW D AH PK (Q5)								
Q5	Spec	Mnth 1	Decrease	USD	660	600	385	350
Q5	Hedge/Member	Mnth 1	Decrease	USD	600	600	350	350
Q5	Spec	Mnth 2	Decrease	USD	330	300	220	200
Q5	Hedge/Member	Mnth 2	Decrease	USD	300	300	200	200
Q5	Spec	Mnths 3-4	Decrease	USD	330	300	220	200
Q5	Hedge/Member	Mnths 3-4	Decrease	USD	300	300	200	200
NYISO ZONE E 5MW OFF- PK CAL MO FUT (58)								
58	Spec	Mnth 1	Decrease	USD	28	25	24	22
58	Hedge/Member	Mnth 1	Decrease	USD	25	25	22	22
58	Spec	Mnths 2-6	Decrease	USD	17	15	11	10
58	Hedge/Member	Mnths 2-6	Decrease	USD	15	15	10	10
NYISO ZONE E 5MW PK CAL MO FUT (55)								
55	Spec	Mnth 1	Decrease	USD	495	450	330	300
55	Hedge/Member	Mnth 1	Decrease	USD	450	450	300	300
55	Spec	Mnth 2	Decrease	USD	440	400	275	250
55	Hedge/Member	Mnth 2	Decrease	USD	400	400	250	250
NYISO ZONE F 5MW PK FUT (4L)								
4L	Spec	Mnth 1	Decrease	USD	523	475	330	300
4L	Hedge/Member	Mnth 1	Decrease	USD	475	475	300	300
4L	Spec	Mnth 2	Decrease	USD	523	475	330	300
4L	Hedge/Member	Mnth 2	Decrease	USD	475	475	300	300
4L	Spec	Mnths 3-4	Decrease	USD	385	350	303	275
4L	Hedge/Member	Mnths 3-4	Decrease	USD	350	350	275	275
4L	Spec	Mnths 5+	Decrease	USD	193	175	165	150
4L	Hedge/Member	Mnths 5+	Decrease	USD	175	175	150	150
NYISO ZONE G 5MW D AH O PK (D2)								
D2	Spec	Mnth 1	Decrease	USD	28	25	17	15
D2	Hedge/Member	Mnth 1	Decrease	USD	25	25	15	15
D2	Spec	Mnth 2	Decrease	USD	17	15	11	10
D2	Hedge/Member	Mnth 2	Decrease	USD	15	15	10	10
D2	Spec	Mnths 3-4	Decrease	USD	11	10	7	6
D2	Hedge/Member	Mnths 3-4	Decrease	USD	10	10	6	6
D2	Spec	Mnths 5-11	Decrease	USD	11	10	7	6
D2	Hedge/Member	Mnths 5-11	Decrease	USD	10	10	6	6
D2	Spec	Mnths 12+	Decrease	USD	11	10	7	6
D2	Hedge/Member	Mnths 12+	Decrease	USD	10	10	6	6

SPAN MINIMUM PERFORMANCE BOND REQUIREMENTS

CC	Rate Type	Description	Change	ISO	Current Initial	Current Maintenance	New Initial	New Maintenance
Outright Rates								
NYISO ZONE G 5MW D AH PK (T3)								
T3	Spec	Mnth 1	Decrease	USD	550	500	303	275
T3	Hedge/Member	Mnth 1	Decrease	USD	500	500	275	275
T3	Spec	Mnth 2	Decrease	USD	413	375	220	200
T3	Hedge/Member	Mnth 2	Decrease	USD	375	375	200	200
T3	Spec	Mnths 3-4	Decrease	USD	220	200	154	140
T3	Hedge/Member	Mnths 3-4	Decrease	USD	200	200	140	140
T3	Spec	Mnths 5-11	Decrease	USD	193	175	138	125
T3	Hedge/Member	Mnths 5-11	Decrease	USD	175	175	125	125
T3	Spec	Mnths 12+	Decrease	USD	193	175	138	125
T3	Hedge/Member	Mnths 12+	Decrease	USD	175	175	125	125
NYISO ZONE J 5MW D AH O PK (D4)								
D4	Spec	Mnth 1	Decrease	USD	22	20	17	15
D4	Hedge/Member	Mnth 1	Decrease	USD	20	20	15	15
D4	Spec	Mnth 2	Decrease	USD	17	15	11	10
D4	Hedge/Member	Mnth 2	Decrease	USD	15	15	10	10
NYISO ZONE J 5MW D AH PK (D3)								
D3	Spec	Mnth 1	Decrease	USD	660	600	330	300
D3	Hedge/Member	Mnth 1	Decrease	USD	600	600	300	300
D3	Spec	Mnth 2	Decrease	USD	550	500	275	250
D3	Hedge/Member	Mnth 2	Decrease	USD	500	500	250	250
D3	Spec	Mnths 3-6	Decrease	USD	330	300	165	150
D3	Hedge/Member	Mnths 3-6	Decrease	USD	300	300	150	150
D3	Spec	Mnths 7-11	Decrease	USD	220	200	138	125
D3	Hedge/Member	Mnths 7-11	Decrease	USD	200	200	125	125
D3	Spec	Mnths 12+	Decrease	USD	220	200	138	125
D3	Hedge/Member	Mnths 12+	Decrease	USD	200	200	125	125
PJM AD HUB 5MW REAL TIME PK (Z9)								
Z9	Spec	Mnth 1	Decrease	USD	275	250	154	140
Z9	Hedge/Member	Mnth 1	Decrease	USD	250	250	140	140
Z9	Spec	Mnth 2	Decrease	USD	248	225	110	100
Z9	Hedge/Member	Mnth 2	Decrease	USD	225	225	100	100
Z9	Spec	Mnths 3-4	Decrease	USD	138	125	99	90
Z9	Hedge/Member	Mnths 3-4	Decrease	USD	125	125	90	90
Z9	Spec	Mnths 5-11	Decrease	USD	110	100	99	90
Z9	Hedge/Member	Mnths 5-11	Decrease	USD	100	100	90	90
Z9	Spec	Mnths 12+	Decrease	USD	110	100	99	90
Z9	Hedge/Member	Mnths 12+	Decrease	USD	100	100	90	90

SPAN MINIMUM PERFORMANCE BOND REQUIREMENTS

CC	Rate Type	Description	Change	ISO	Current Initial	Current Maintenance	New Initial	New Maintenance
Outright Rates								
PJM AECO DA OFF-PEAK (X1)								
X1	Spec	Mnth 2	Decrease	USD	17	15	11	10
X1	Hedge/Member	Mnth 2	Decrease	USD	15	15	10	10
X1	Spec	Mnths 3-4	Decrease	USD	17	15	11	10
X1	Hedge/Member	Mnths 3-4	Decrease	USD	15	15	10	10
PJM AECO DA PEAK (Y1)								
Y1	Spec	Mnth 1	Decrease	USD	385	350	308	280
Y1	Hedge/Member	Mnth 1	Decrease	USD	350	350	280	280
Y1	Spec	Mnth 2	Decrease	USD	363	330	242	220
Y1	Hedge/Member	Mnth 2	Decrease	USD	330	330	220	220
Y1	Spec	Mnths 3-5	Decrease	USD	275	250	165	150
Y1	Hedge/Member	Mnths 3-5	Decrease	USD	250	250	150	150
PJM APS ZONE DA OFF-PEAK (W4)								
W4	Spec	Mnth 2	Decrease	USD	17	15	11	10
W4	Hedge/Member	Mnth 2	Decrease	USD	15	15	10	10
W4	Spec	Mnths 3-11	Decrease	USD	11	10	9	8
W4	Hedge/Member	Mnths 3-11	Decrease	USD	10	10	8	8
PJM ASTI ZONE PEAK DA MO (MOD)								
MOD	Spec	Mnths 2-3	Decrease	USD	11	10	9	8
MOD	Hedge/Member	Mnths 2-3	Decrease	USD	10	10	8	8
PJM BGE DA OFF-PEAK (R3)								
R3	Spec	Mnth 2	Decrease	USD	20	18	11	10
R3	Hedge/Member	Mnth 2	Decrease	USD	18	18	10	10
R3	Spec	Mnths 3-4	Decrease	USD	17	15	9	8
R3	Hedge/Member	Mnths 3-4	Decrease	USD	15	15	8	8
PJM BGE DA PEAK (E3)								
E3	Spec	Mnth 1	Decrease	USD	385	350	330	300
E3	Hedge/Member	Mnth 1	Decrease	USD	350	350	300	300
E3	Spec	Mnth 2	Decrease	USD	363	330	275	250
E3	Hedge/Member	Mnth 2	Decrease	USD	330	330	250	250
E3	Spec	Mnths 3-4	Decrease	USD	352	320	275	250
E3	Hedge/Member	Mnths 3-4	Decrease	USD	320	320	250	250
PJM COMED 5MW D AH O PK (D9)								
D9	Spec	Mnth 2	Decrease	USD	17	15	11	10
D9	Hedge/Member	Mnth 2	Decrease	USD	15	15	10	10
D9	Spec	Mnths 3-4	Decrease	USD	13	12	8	7
D9	Hedge/Member	Mnths 3-4	Decrease	USD	12	12	7	7

SPAN MINIMUM PERFORMANCE BOND REQUIREMENTS

CC	Rate Type	Description	Change	ISO	Current Initial	Current Maintenance	New Initial	New Maintenance
Outright Rates								
PJM COMED 5MW D AH PK (D8)								
D8	Spec	Mnth 2	Decrease	USD	270	245	193	175
D8	Hedge/Member	Mnth 2	Decrease	USD	245	245	175	175
D8	Spec	Mnths 3-4	Decrease	USD	220	200	165	150
D8	Hedge/Member	Mnths 3-4	Decrease	USD	200	200	150	150
D8	Spec	Mnths 5-11	Decrease	USD	121	110	110	100
D8	Hedge/Member	Mnths 5-11	Decrease	USD	110	110	100	100
D8	Spec	Mnths 12+	Decrease	USD	121	110	110	100
D8	Hedge/Member	Mnths 12+	Decrease	USD	110	110	100	100
PJM DAYTON DA PEAK (D7)								
D7	Spec	Mnth 1	Decrease	USD	248	225	193	175
D7	Hedge/Member	Mnth 1	Decrease	USD	225	225	175	175
D7	Spec	Mnth 2	Decrease	USD	220	200	154	140
D7	Hedge/Member	Mnth 2	Decrease	USD	200	200	140	140
D7	Spec	Mnths 3-4	Decrease	USD	165	150	110	100
D7	Hedge/Member	Mnths 3-4	Decrease	USD	150	150	100	100
D7	Spec	Mnths 5-11	Decrease	USD	110	100	99	90
D7	Hedge/Member	Mnths 5-11	Decrease	USD	100	100	90	90
D7	Spec	Mnths 12+	Decrease	USD	110	100	99	90
D7	Hedge/Member	Mnths 12+	Decrease	USD	100	100	90	90
PJM DPL DA OFF-PEAK (E8)								
E8	Spec	Mnth 2	Decrease	USD	22	20	17	15
E8	Hedge/Member	Mnth 2	Decrease	USD	20	20	15	15
E8	Spec	Mnths 3-11	Decrease	USD	17	15	11	10
E8	Hedge/Member	Mnths 3-11	Decrease	USD	15	15	10	10
PJM DUQUESNE 5MW D AH PK (D5)								
D5	Spec	Mnth 2	Decrease	USD	220	200	193	175
D5	Hedge/Member	Mnth 2	Decrease	USD	200	200	175	175
D5	Spec	Mnths 3-11	Decrease	USD	121	110	110	100
D5	Hedge/Member	Mnths 3-11	Decrease	USD	110	110	100	100
D5	Spec	Mnths 12+	Decrease	USD	121	110	110	100
D5	Hedge/Member	Mnths 12+	Decrease	USD	110	110	100	100
PJM DUQUS 5MW D AH O PK (D6)								
D6	Spec	Mnth 2	Decrease	USD	22	20	11	10
D6	Hedge/Member	Mnth 2	Decrease	USD	20	20	10	10
PJM EASTERNH DA OFF-PEAK (F4)								
F4	Spec	Mnth 2	Decrease	USD	22	20	17	15
F4	Hedge/Member	Mnth 2	Decrease	USD	20	20	15	15

SPAN MINIMUM PERFORMANCE BOND REQUIREMENTS

CC	Rate Type	Description	Change	ISO	Current Initial	Current Maintenance	New Initial	New Maintenance
Outright Rates								
PJM EASTERNH DA PEAK (E9)								
E9	Spec	Mnth 2	Decrease	USD	385	350	220	200
E9	Hedge/Member	Mnth 2	Decrease	USD	350	350	200	200
E9	Spec	Mnths 3-11	Decrease	USD	220	200	160	145
E9	Hedge/Member	Mnths 3-11	Decrease	USD	200	200	145	145
PJM JCPL DA OFF-PEAK (F2)								
F2	Spec	Mnth 1	Increase	USD	20	18	22	20
F2	Hedge/Member	Mnth 1	Increase	USD	18	18	20	20
F2	Spec	Mnth 2 - 3	Decrease	USD	18	16	17	15
F2	Hedge/Member	Mnth 2 - 3	Decrease	USD	16	16	15	15
PJM JCPL DA PEAK (J2)								
J2	Spec	Mnth 2	Decrease	USD	363	330	275	250
J2	Hedge/Member	Mnth 2	Decrease	USD	330	330	250	250
J2	Spec	Mnths 3-11	Decrease	USD	165	150	132	120
J2	Hedge/Member	Mnths 3-11	Decrease	USD	150	150	120	120
PJM METED ZONE OFFPK CAL MO LMP FUT (46)								
46	Spec	Mnth 2	Decrease	USD	17	15	11	10
46	Hedge/Member	Mnth 2	Decrease	USD	15	15	10	10
46	Spec	Mnths 3-4	Decrease	USD	17	15	11	10
46	Hedge/Member	Mnths 3-4	Decrease	USD	15	15	10	10
PJM MONTHLY (JM)								
JM	Spec	Mnth 3	Decrease	USD	2,420	2,200	2,090	1,900
JM	Hedge/Member	Mnth 3	Decrease	USD	2,200	2,200	1,900	1,900
JM	Spec	Mnths 4-5	Decrease	USD	1,650	1,500	1,540	1,400
JM	Hedge/Member	Mnths 4-5	Decrease	USD	1,500	1,500	1,400	1,400
JM	Spec	Mnths 6-11	Decrease	USD	1,100	1,000	880	800
JM	Hedge/Member	Mnths 6-11	Decrease	USD	1,000	1,000	800	800
JM	Spec	Mnths 12-23	Decrease	USD	1,100	1,000	880	800
JM	Hedge/Member	Mnths 12-23	Decrease	USD	1,000	1,000	800	800
JM	Spec	Mnths 24+	Decrease	USD	1,100	1,000	880	800
JM	Hedge/Member	Mnths 24+	Decrease	USD	1,000	1,000	800	800
PJM NI HUB 5MW REAL TIME O PK (B6)								
B6	Spec	Mnth 1	Decrease	USD	11	10	9	8
B6	Hedge/Member	Mnth 1	Decrease	USD	10	10	8	8
B6	Spec	Mnth 2	Decrease	USD	8	7	6	5
B6	Hedge/Member	Mnth 2	Decrease	USD	7	7	5	5

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 NI HUB 5MW REAL TIME PK (B3)

B3	Spec	Mnth 1	Decrease	USD	242	220	154	140
B3	Hedge/Member	Mnth 1	Decrease	USD	220	220	140	140
B3	Spec	Mnth 2	Decrease	USD	237	215	110	100
B3	Hedge/Member	Mnth 2	Decrease	USD	215	215	100	100
B3	Spec	Mnths 3-4	Decrease	USD	121	110	99	90
B3	Hedge/Member	Mnths 3-4	Decrease	USD	110	110	90	90
B3	Spec	Mnths 5-11	Decrease	USD	121	110	99	90
B3	Hedge/Member	Mnths 5-11	Decrease	USD	110	110	90	90
B3	Spec	Mnths 12+	Decrease	USD	121	110	99	90
B3	Hedge/Member	Mnths 12+	Decrease	USD	110	110	90	90

PJM NILL DA PEAK (N3)

N3	Spec	Mnth 1	Decrease	USD	220	200	193	175
N3	Hedge/Member	Mnth 1	Decrease	USD	200	200	175	175
N3	Spec	Mnth 2	Decrease	USD	220	200	154	140
N3	Hedge/Member	Mnth 2	Decrease	USD	200	200	140	140
N3	Spec	Mnths 3-4	Decrease	USD	110	100	99	90
N3	Hedge/Member	Mnths 3-4	Decrease	USD	100	100	90	90
N3	Spec	Mnths 5-11	Decrease	USD	110	100	99	90
N3	Hedge/Member	Mnths 5-11	Decrease	USD	100	100	90	90
N3	Spec	Mnths 12+	Decrease	USD	110	100	99	90
N3	Hedge/Member	Mnths 12+	Decrease	USD	100	100	90	90

PJM OFF-PEAK LMP FUT (JP)

JP	Spec	Mnth 1	Decrease	USD	2,530	2,300	1,925	1,750
JP	Hedge/Member	Mnth 1	Decrease	USD	2,300	2,300	1,750	1,750
JP	Spec	Mnth 2	Decrease	USD	2,530	2,300	1,595	1,450
JP	Hedge/Member	Mnth 2	Decrease	USD	2,300	2,300	1,450	1,450
JP	Spec	Mnths 3-4	Decrease	USD	1,650	1,500	1,210	1,100
JP	Hedge/Member	Mnths 3-4	Decrease	USD	1,500	1,500	1,100	1,100
JP	Spec	Mnths 5-11	Decrease	USD	825	750	770	700
JP	Hedge/Member	Mnths 5-11	Decrease	USD	750	750	700	700
JP	Spec	Mnths 12+	Decrease	USD	825	750	770	700
JP	Hedge/Member	Mnths 12+	Decrease	USD	750	750	700	700

PJM PECO Z5 MW OFFPK CLM DA LMP (4P)

4P	Spec	Mnth 2	Decrease	USD	17	15	11	10
4P	Hedge/Member	Mnth 2	Decrease	USD	15	15	10	10

SPAN MINIMUM PERFORMANCE BOND REQUIREMENTS

CC	Rate Type	Description	Change	ISO	Current Initial	Current Maintenance	New Initial	New Maintenance
Outright Rates								
PJM PENELEC ZN OFF-PK CAL LMP FUT (50)								
50	Spec	Mnth 2	Decrease	USD	17	15	11	10
50	Hedge/Member	Mnth 2	Decrease	USD	15	15	10	10
PJM PPL DA OFF-PEAK (F5)								
F5	Spec	Mnth 2	Decrease	USD	17	15	11	10
F5	Hedge/Member	Mnth 2	Decrease	USD	15	15	10	10
F5	Spec	Mnths 3-4	Decrease	USD	11	10	8	7
F5	Hedge/Member	Mnths 3-4	Decrease	USD	10	10	7	7
PJM PSEG DA OFF-PEAK (W6)								
W6	Spec	Mnth 2	Decrease	USD	17	15	11	10
W6	Hedge/Member	Mnth 2	Decrease	USD	15	15	10	10
W6	Spec	Mnths 3-4	Decrease	USD	13	12	9	8
W6	Hedge/Member	Mnths 3-4	Decrease	USD	12	12	8	8
PJM PSEG DA PEAK (L6)								
L6	Spec	Mnths 3-11	Decrease	USD	220	200	165	150
L6	Hedge/Member	Mnths 3-11	Decrease	USD	200	200	150	150
PJM WES HUB PEAK CAL MON REAL TIME (L1)								
L1	Spec	Mth 1	Decrease	USD	303	275	193	175
L1	Hedge/Member	Mth 1	Decrease	USD	275	275	175	175
L1	Spec	Mnth 2	Decrease	USD	248	225	110	100
L1	Hedge/Member	Mnth 2	Decrease	USD	225	225	100	100
L1	Spec	Mnths 3-5	Decrease	USD	149	135	110	100
L1	Hedge/Member	Mnths 3-5	Decrease	USD	135	135	100	100
L1	Spec	Mnths 6-11	Decrease	USD	110	100	99	90
L1	Hedge/Member	Mnths 6-11	Decrease	USD	100	100	90	90
L1	Spec	Mnths 12	Decrease	USD	110	100	99	90
L1	Hedge/Member	Mnths 12	Decrease	USD	100	100	90	90
PJM WES HUB PEAK LMP 50 MW (4S)								
4S	Spec	Mth 1	Decrease	USD	3,025	2,750	1,925	1,750
4S	Hedge/Member	Mth 1	Decrease	USD	2,750	2,750	1,750	1,750
4S	Spec	Mnth 2	Decrease	USD	2,475	2,250	1,100	1,000
4S	Hedge/Member	Mnth 2	Decrease	USD	2,250	2,250	1,000	1,000
4S	Spec	Mnths 3-5	Decrease	USD	1,485	1,350	1,100	1,000
4S	Hedge/Member	Mnths 3-5	Decrease	USD	1,350	1,350	1,000	1,000
4S	Spec	Mnths 6-11	Decrease	USD	1,100	1,000	990	900
4S	Hedge/Member	Mnths 6-11	Decrease	USD	1,000	1,000	900	900
4S	Spec	Mnths 12	Decrease	USD	1,100	1,000	990	900
4S	Hedge/Member	Mnths 12	Decrease	USD	1,000	1,000	900	900

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 WESTH DA OFF-PEAK (E4)

E4	Spec	Mnth 1	Decrease	USD	13	12	10	9
E4	Hedge/Member	Mnth 1	Decrease	USD	12	12	9	9
E4	Spec	Mnths 3-4	Decrease	USD	7	6	6	5
E4	Hedge/Member	Mnths 3-4	Decrease	USD	6	6	5	5
E4	Spec	Mnths 5-11	Decrease	USD	7	6	6	5
E4	Hedge/Member	Mnths 5-11	Decrease	USD	6	6	5	5
E4	Spec	Mnths12+	Decrease	USD	7	6	6	5
E4	Hedge/Member	Mnths12+	Decrease	USD	6	6	5	5

PJM WESTHDA PEAK (J4)

J4	Spec	Mnth 1	Decrease	USD	385	350	193	175
J4	Hedge/Member	Mnth 1	Decrease	USD	350	350	175	175
J4	Spec	Mnth 2	Decrease	USD	248	225	165	150
J4	Hedge/Member	Mnth 2	Decrease	USD	225	225	150	150
J4	Spec	Mnths 3-5	Decrease	USD	149	135	110	100
J4	Hedge/Member	Mnths 3-5	Decrease	USD	135	135	100	100
J4	Spec	Mnths 6-11	Decrease	USD	110	100	99	90
J4	Hedge/Member	Mnths 6-11	Decrease	USD	100	100	90	90
J4	Spec	Mnths 12+	Decrease	USD	110	100	99	90
J4	Hedge/Member	Mnths 12+	Decrease	USD	100	100	90	90

ERIS Standards - Outright Rates

ERIS 2-YR INT RATE SWAP SEC COUPON (ZA9202)

ZA9202 Spec	Mnths 1-6	Decrease	USD	550	500	440	400
ZA9202 Hedge/Member	Mnths 1-6	Decrease	USD	500	500	400	400
ZA9202 Spec	Months 7-13	Decrease	USD	660	600	550	500
ZA9202 Hedge/Member	Months 7-13	Decrease	USD	600	600	500	500
ZA9202 Spec	Mnths 14-19	Decrease	USD	660	600	550	500
ZA9202 Hedge/Member	Mnths 14-19	Decrease	USD	600	600	500	500
ZA9202 Spec	Months 20+	Decrease	USD	660	600	550	500
ZA9202 Hedge/Member	Months 20+	Decrease	USD	600	600	500	500

ERIS STANDARD 2Y INT RATE SWAP FUTU (ZA9102)

ZA9102 Spec	Contracts 1-4	Decrease	USD	330	300	275	250
ZA9102 Hedge/Member	Contracts 1-4	Decrease	USD	300	300	250	250
ZA9102 Spec	Contracts 5-8	Decrease	USD	550	500	440	400
ZA9102 Hedge/Member	Contracts 5-8	Decrease	USD	500	500	400	400
ZA9102 Spec	Contracts 9+	Decrease	USD	605	550	495	450
ZA9102 Hedge/Member	Contracts 9+	Decrease	USD	550	550	450	450

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

2-YEAR USD MAC SWAP FUTURES (T1U)

T1U	Spec		Decrease	USD	605	550	495	450
T1U	Hedge/Member		Decrease	USD	550	550	450	450

PETROLEUM CRACKS AND SPREADS - Outright Rates

3.5% FUEL OIL CIF MED VS 3.5% FUEL (CMF)

CMF	Spec	Mnth 1	New	USD			5,500	5,000
CMF	Hedge/Member	Mnth 1	New	USD			5,000	5,000
CMF	Spec	Mnth 2	New	USD			1,540	1,400
CMF	Hedge/Member	Mnth 2	New	USD			1,400	1,400
CMF	Spec	Mnths 3-11	New	USD			1,540	1,400
CMF	Hedge/Member	Mnths 3-11	New	USD			1,400	1,400
CMF	Spec	Mnths 12+	New	USD			1,540	1,400
CMF	Hedge/Member	Mnths 12+	New	USD			1,400	1,400

3.5% FUEL OIL MED VS FOB BALMO FUT (CMB)

CMB	Spec		New	USD			6,600	6,000
CMB	Hedge/Member		New	USD			6,000	6,000
CMB	Spec		New	USD			6,600	6,000
CMB	Hedge/Member		New	USD			6,000	6,000

3.5% FUEL OIL RDAM VS FOB MED BALM (63)

63	Spec		Decrease	USD	11,000	10,000	6,600	6,000
63	Hedge/Member		Decrease	USD	10,000	10,000	6,000	6,000
63	Spec		Decrease	USD	11,000	10,000	6,600	6,000
63	Hedge/Member		Decrease	USD	10,000	10,000	6,000	6,000

GULF COAST SME BIO (ARGUS) FUT (GSI)

GSI	Spec		Decrease	USD	5,500	5,000	4,400	4,000
GSI	Hedge/Member		Decrease	USD	5,000	5,000	4,000	4,000

NY BUCKEYE JET FUEL V. NY HR BALMO (JTB)

JTB	Spec		New	USD			3,300	3,000
JTB	Hedge/Member		New	USD			3,000	3,000

NY BUCKEYE JET FUEL VS NY HARB ULSD (JET)

JET	Spec	Mnth 1	Decrease	USD	2,750	2,500	1,650	1,500
JET	Hedge/Member	Mnth 1	Decrease	USD	2,500	2,500	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								
REFINED PRODUCTS - Outright Rates								
Gulf Coast Unl 87 (Platts) Calendar Swap Futures (GS)								
GS	Spec	Mths 1	Decrease	USD	7,150	6,500	5,500	5,000
GS	Hedge/Member	Mths 1	Decrease	USD	6,500	6,500	5,000	5,000
GS	Spec	Mths 2	Decrease	USD	6,600	6,000	4,950	4,500
GS	Hedge/Member	Mths 2	Decrease	USD	6,000	6,000	4,500	4,500
GS	Spec	Mths 3-8	Decrease	USD	6,160	5,600	4,510	4,100
GS	Hedge/Member	Mths 3-8	Decrease	USD	5,600	5,600	4,100	4,100
GS	Spec	Mnths 9+	Decrease	USD	6,160	5,600	4,510	4,100
GS	Hedge/Member	Mnths 9+	Decrease	USD	5,600	5,600	4,100	4,100
1% FUEL OIL (PLT) CARG CIF MED (1W)								
1W	Spec	Mth 1	Decrease	USD	21,175	19,250	19,800	18,000
1W	Hedge/Member	Mth 1	Decrease	USD	19,250	19,250	18,000	18,000
1W	Spec	Mths 2+	Decrease	USD	18,975	17,250	17,600	16,000
1W	Hedge/Member	Mths 2+	Decrease	USD	17,250	17,250	16,000	16,000
1% FUEL OIL (PLT) CARG CIF NWE (1X)								
1X	Spec		Decrease	USD	26,950	24,500	17,600	16,000
1X	Hedge/Member		Decrease	USD	24,500	24,500	16,000	16,000
1% FUEL OIL PLATTS CIF BALMO FUT (FOB)								
FOB	Spec		Decrease	USD	30,800	28,000	22,000	20,000
FOB	Hedge/Member		Decrease	USD	28,000	28,000	20,000	20,000
CHICAGO ULSD (PLATTS) FUT (4C)								
4C	Spec		Decrease	USD	5,500	5,000	4,675	4,250
4C	Hedge/Member		Decrease	USD	5,000	5,000	4,250	4,250
CHICAGO UNLEADED GAS(PLATTS) S (2C)								
2C	Spec		Decrease	USD	4,950	4,500	4,400	4,000
2C	Hedge/Member		Decrease	USD	4,500	4,500	4,000	4,000
DALY EUROP NAPHTHA PLTS CIF NWE FUT (NCP)								
NCP	Spec		Decrease	USD	6,600	6,000	5,500	5,000
NCP	Hedge/Member		Decrease	USD	6,000	6,000	5,000	5,000
DIESEL 10PPM BARGES FOB BALMO (U7)								
U7	Spec		Decrease	USD	44,000	40,000	38,500	35,000
U7	Hedge/Member		Decrease	USD	40,000	40,000	35,000	35,000

SPAN MINIMUM PERFORMANCE BOND REQUIREMENTS

CC	Rate Type	Description	Change	ISO	Current Initial	Current Maintenance	New Initial	New Maintenance
Outright Rates								
EIA FLAT TAX ONHWAY DIESEL FUT (A5)								
A5	Spec	Mnth 1	Decrease	USD	4,950	4,500	4,400	4,000
A5	Hedge/Member	Mnth 1	Decrease	USD	4,500	4,500	4,000	4,000
A5	Spec	Mnths 2-6	Decrease	USD	3,850	3,500	3,300	3,000
A5	Hedge/Member	Mnths 2-6	Decrease	USD	3,500	3,500	3,000	3,000
A5	Spec	Mnths 7+	Decrease	USD	3,190	2,900	2,970	2,700
A5	Hedge/Member	Mnths 7+	Decrease	USD	2,900	2,900	2,700	2,700
EUR 1% FUEL OIL FOB RDM BALMO FUT (6L)								
6L	Spec		Decrease	USD	27,500	25,000	22,000	20,000
6L	Hedge/Member		Decrease	USD	25,000	25,000	20,000	20,000
EUR3.5%FUEL OIL CARG FOB MED BALMO (EFF)								
EFF	Spec		Decrease	USD	30,800	28,000	22,000	20,000
EFF	Hedge/Member		Decrease	USD	28,000	28,000	20,000	20,000
EUROBOB GAS10PPM (PLTS) RD FOB (7P)								
7P	Spec	Mnth 1	Decrease	USD	49,500	45,000	44,000	40,000
7P	Hedge/Member	Mnth 1	Decrease	USD	45,000	45,000	40,000	40,000
7P	Spec	Mnths 2+	Decrease	USD	44,000	40,000	38,500	35,000
7P	Hedge/Member	Mnths 2+	Decrease	USD	40,000	40,000	35,000	35,000
EUROPE JET KERO RDAM CALFUT (UR)								
UR	Spec	Mnth 1	Decrease	USD	35,200	32,000	31,900	29,000
UR	Hedge/Member	Mnth 1	Decrease	USD	32,000	32,000	29,000	29,000
UR	Spec	Mnths 2+	Decrease	USD	35,200	32,000	31,900	29,000
UR	Hedge/Member	Mnths 2+	Decrease	USD	32,000	32,000	29,000	29,000
EUROPEAN NAPHTHA BALMO (KZ)								
KZ	Spec	Mnth 1	Decrease	USD	44,000	40,000	33,000	30,000
KZ	Hedge/Member	Mnth 1	Decrease	USD	40,000	40,000	30,000	30,000
KZ	Spec	Mnths 2+	Decrease	USD	44,000	40,000	33,000	30,000
KZ	Hedge/Member	Mnths 2+	Decrease	USD	40,000	40,000	30,000	30,000
GAS EURO-BOB OXY (ARG) NEW BRG (7H)								
7H	Spec	Mnth 1	Decrease	USD	29,700	27,000	26,950	24,500
7H	Hedge/Member	Mnth 1	Decrease	USD	27,000	27,000	24,500	24,500
7H	Spec	Mnths 2-6	Decrease	USD	29,700	27,000	26,950	24,500
7H	Hedge/Member	Mnths 2-6	Decrease	USD	27,000	27,000	24,500	24,500
7H	Spec	Mnths 7+	Decrease	USD	28,600	26,000	25,850	23,500
7H	Hedge/Member	Mnths 7+	Decrease	USD	26,000	26,000	23,500	23,500

SPAN MINIMUM PERFORMANCE BOND REQUIREMENTS

CC	Rate Type	Description	Change	ISO	Current Initial	Current Maintenance	New Initial	New Maintenance
Outright Rates								
GASOIL 0.1 BARGES FOB RD BALMO (B8)								
B8	Spec		Decrease	USD	44,000	40,000	38,500	35,000
B8	Hedge/Member		Decrease	USD	40,000	40,000	35,000	35,000
GASOIL 0.1 CIF MED BALMO FUT (X6)								
X6	Spec		Decrease	USD	44,000	40,000	38,500	35,000
X6	Hedge/Member		Decrease	USD	40,000	40,000	35,000	35,000
GASOIL 0.1 CIF NW BALMO FUT (B7)								
B7	Spec		Decrease	USD	44,000	40,000	38,500	35,000
B7	Hedge/Member		Decrease	USD	40,000	40,000	35,000	35,000
GC ULSD ARGUS CAL FUT (AJ)								
AJ	Spec		Decrease	USD	4,950	4,500	4,125	3,750
AJ	Hedge/Member		Decrease	USD	4,500	4,500	3,750	3,750
GROUP THREE SUB-OCT GAS (PLATTS) (A9)								
A9	Spec		Decrease	USD	5,500	5,000	4,400	4,000
A9	Hedge/Member		Decrease	USD	5,000	5,000	4,000	4,000
GROUP THREE ULSD (PLATTS) FUT (A7)								
A7	Spec	Mnth 1	Decrease	USD	5,225	4,750	4,675	4,250
A7	Hedge/Member	Mnth 1	Decrease	USD	4,750	4,750	4,250	4,250
A7	Spec	Mnths 2-6	Decrease	USD	4,070	3,700	3,520	3,200
A7	Hedge/Member	Mnths 2-6	Decrease	USD	3,700	3,700	3,200	3,200
A7	Spec	Mnths 7+	Decrease	USD	4,070	3,700	3,520	3,200
A7	Hedge/Member	Mnths 7+	Decrease	USD	3,700	3,700	3,200	3,200
GULF COAST HEATING OIL CLNDR FUT (GP)								
GP	Spec		Decrease	USD	4,070	3,700	3,520	3,200
GP	Hedge/Member		Decrease	USD	3,700	3,700	3,200	3,200
GULF COAST HSFO (PLATTS) FUTURES (MF)								
MF	Spec	Mnth 1	Decrease	USD	2,640	2,400	2,420	2,200
MF	Hedge/Member	Mnth 1	Decrease	USD	2,400	2,400	2,200	2,200
MF	Spec	Mnths 2-6	Decrease	USD	2,640	2,400	2,420	2,200
MF	Hedge/Member	Mnths 2-6	Decrease	USD	2,400	2,400	2,200	2,200
GULF COAST JET FUEL CLNDR FUT (GE)								
GE	Spec	Mnth 1	Decrease	USD	3,465	3,150	3,135	2,850
GE	Hedge/Member	Mnth 1	Decrease	USD	3,150	3,150	2,850	2,850
GE	Spec	Mnths 2-6	Decrease	USD	3,465	3,150	3,135	2,850
GE	Hedge/Member	Mnths 2-6	Decrease	USD	3,150	3,150	2,850	2,850
GE	Spec	Mnths 7+	Decrease	USD	3,465	3,150	3,135	2,850
GE	Hedge/Member	Mnths 7+	Decrease	USD	3,150	3,150	2,850	2,850

SPAN MINIMUM PERFORMANCE BOND REQUIREMENTS

CC	Rate Type	Description	Change	ISO	Current Initial	Current Maintenance	New Initial	New Maintenance
Outright Rates								
GULF COAST ULSD CALENDAR FUT (LY)								
LY	Spec	Mnth 1	Decrease	USD	3,740	3,400	3,300	3,000
LY	Hedge/Member	Mnth 1	Decrease	USD	3,400	3,400	3,000	3,000
LY	Spec	Mnths 2-6	Decrease	USD	3,575	3,250	3,135	2,850
LY	Hedge/Member	Mnths 2-6	Decrease	USD	3,250	3,250	2,850	2,850
LY	Spec	Mnths 7-12	Decrease	USD	3,190	2,900	2,860	2,600
LY	Hedge/Member	Mnths 7-12	Decrease	USD	2,900	2,900	2,600	2,600
LY	Spec	Mnths 13+	Decrease	USD	3,080	2,800	2,750	2,500
LY	Hedge/Member	Mnths 13+	Decrease	USD	2,800	2,800	2,500	2,500
GULF COST HEAT OIL(ARGUS) FUT (4U)								
4U	Spec		Decrease	USD	4,950	4,500	4,400	4,000
4U	Hedge/Member		Decrease	USD	4,500	4,500	4,000	4,000
GULF CST CBOB GAS A1 PLATTS FUTURES (CBO)								
CBO	Spec	Tier 1	Decrease	USD	5,775	5,250	4,950	4,500
CBO	Hedge/Member	Tier 1	Decrease	USD	5,250	5,250	4,500	4,500
CBO	Spec	Tier 2	Decrease	USD	5,775	5,250	4,950	4,500
CBO	Hedge/Member	Tier 2	Decrease	USD	5,250	5,250	4,500	4,500
CBO	Spec	Tier 3	Decrease	USD	5,775	5,250	4,950	4,500
CBO	Hedge/Member	Tier 3	Decrease	USD	5,250	5,250	4,500	4,500
GULF CST CBOB GAS PLATTS A2 FUTURES (CRG)								
CRG	Spec	Mnth 1	Decrease	USD	5,500	5,000	4,400	4,000
CRG	Hedge/Member	Mnth 1	Decrease	USD	5,000	5,000	4,000	4,000
CRG	Spec	Mnth 2	Decrease	USD	5,500	5,000	4,400	4,000
CRG	Hedge/Member	Mnth 2	Decrease	USD	5,000	5,000	4,000	4,000
CRG	Spec	Mnths 3+	Decrease	USD	5,500	5,000	4,400	4,000
CRG	Hedge/Member	Mnths 3+	Decrease	USD	5,000	5,000	4,000	4,000
JAPAN C&F NAPHTHA FUT (JA)								
JA	Spec	Mnth 1	Increase	USD	24,475	22,250	26,400	24,000
JA	Hedge/Member	Mnth 1	Increase	USD	22,250	22,250	24,000	24,000
JA	Spec	Mnths 2-6	Increase	USD	24,475	22,250	26,400	24,000
JA	Hedge/Member	Mnths 2-6	Increase	USD	22,250	22,250	24,000	24,000
JA	Spec	Mnths 7+	Increase	USD	24,475	22,250	26,400	24,000
JA	Hedge/Member	Mnths 7+	Increase	USD	22,250	22,250	24,000	24,000
JAPAN NAPHTHA BALMO FUT (E6)								
E6	Spec		Decrease	USD	36,300	33,000	33,000	30,000
E6	Hedge/Member		Decrease	USD	33,000	33,000	30,000	30,000

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	41,800	38,000	36,300	33,000
1T	Hedge/Member		Decrease	USD	38,000	38,000	33,000	33,000
JET FUEL BARGES RDAM BALMO (X9)								
X9	Spec		Decrease	USD	55,000	50,000	44,000	40,000
X9	Hedge/Member		Decrease	USD	50,000	50,000	40,000	40,000
LA CARB DIESEL (OPIS) (LX)								
LX	Spec	Mnth 1	Decrease	USD	4,675	4,250	4,125	3,750
LX	Hedge/Member	Mnth 1	Decrease	USD	4,250	4,250	3,750	3,750
LX	Spec	Mnths 2-6	Decrease	USD	4,675	4,250	4,125	3,750
LX	Hedge/Member	Mnths 2-6	Decrease	USD	4,250	4,250	3,750	3,750
LX	Spec	Mnths 7+	Decrease	USD	4,675	4,250	4,125	3,750
LX	Hedge/Member	Mnths 7+	Decrease	USD	4,250	4,250	3,750	3,750
LOS ANGELES CARB GASOLINE FUT (MH)								
MH	Spec		Decrease	USD	6,050	5,500	4,950	4,500
MH	Hedge/Member		Decrease	USD	5,500	5,500	4,500	4,500
MID EAST GASOIL ARAB GULF BALMO (MBS)								
MBS	Spec		Decrease	USD	5,775	5,250	4,950	4,500
MBS	Hedge/Member		Decrease	USD	5,250	5,250	4,500	4,500
MIDDLE EAST GASOIL ARAB GULF (MPE)								
MPE	Spec	Mnth 1	Decrease	USD	4,950	4,500	4,400	4,000
MPE	Hedge/Member	Mnth 1	Decrease	USD	4,500	4,500	4,000	4,000
MPE	Spec	Mnths 2-6	Decrease	USD	4,950	4,500	4,400	4,000
MPE	Hedge/Member	Mnths 2-6	Decrease	USD	4,500	4,500	4,000	4,000
MPE	Spec	Mnths 7+	Decrease	USD	4,950	4,500	4,400	4,000
MPE	Hedge/Member	Mnths 7+	Decrease	USD	4,500	4,500	4,000	4,000
MIDEAST FUEL OIL 180 CST PLATTS FUT (DHE)								
DHE	Spec	All Months	Decrease	USD	29,700	27,000	23,100	21,000
DHE	Hedge/Member	All Months	Decrease	USD	27,000	27,000	21,000	21,000
MIN 1% FUEL OIL CIF CARGOES FUTURES (MFP)								
MFP	Spec		Decrease	USD	2,695	2,450	1,760	1,600
MFP	Hedge/Member		Decrease	USD	2,450	2,450	1,600	1,600

SPAN MINIMUM PERFORMANCE BOND REQUIREMENTS

CC	Rate Type	Description	Change	ISO	Current Initial	Current Maintenance	New Initial	New Maintenance
Outright Rates								
MIN JAPAN C&F NAPHTHA PLATTS FUT (MJN)								
MJN	Spec	Mnth 1	Increase	USD	2,448	2,225	2,640	2,400
MJN	Hedge/Member	Mnth 1	Increase	USD	2,225	2,225	2,400	2,400
MJN	Spec	Mnths 2-6	Increase	USD	2,448	2,225	2,640	2,400
MJN	Hedge/Member	Mnths 2-6	Increase	USD	2,225	2,225	2,400	2,400
MJN	Spec	Mnths 7+	Increase	USD	2,448	2,225	2,640	2,400
MJN	Hedge/Member	Mnths 7+	Increase	USD	2,225	2,225	2,400	2,400
MIN SPORE FUELOIL380CST(PLTS) BALMO (MTB)								
MTB	Spec	Tier 1	Decrease	USD	2,310	2,100	2,200	2,000
MTB	Hedge/Member	Tier 1	Decrease	USD	2,100	2,100	2,000	2,000
MTB	Spec	Tier 2	Decrease	USD	2,310	2,100	2,200	2,000
MTB	Hedge/Member	Tier 2	Decrease	USD	2,100	2,100	2,000	2,000
MINI EUR1%FUELOIL FOB RDM BALMO FUT (0A)								
0A	Spec		Decrease	USD	2,750	2,500	2,200	2,000
0A	Hedge/Member		Decrease	USD	2,500	2,500	2,000	2,000
MINI EURO NAPHTHA BALMO FUT (MEN)								
MEN	Spec	Mnth 1	Decrease	USD	4,400	4,000	3,300	3,000
MEN	Hedge/Member	Mnth 1	Decrease	USD	4,000	4,000	3,000	3,000
MEN	Spec	Mnths 2+	Decrease	USD	4,400	4,000	3,300	3,000
MEN	Hedge/Member	Mnths 2+	Decrease	USD	4,000	4,000	3,000	3,000
MINI GAS EUROBOB OXY BARGES FUT (MEO)								
MEO	Spec	Mnth 1	Decrease	USD	29,700	27,000	26,950	24,500
MEO	Hedge/Member	Mnth 1	Decrease	USD	27,000	27,000	24,500	24,500
MEO	Spec	Mnths 2-6	Decrease	USD	29,700	27,000	26,950	24,500
MEO	Hedge/Member	Mnths 2-6	Decrease	USD	27,000	27,000	24,500	24,500
MEO	Spec	Mnths 7+	Decrease	USD	28,600	26,000	25,850	23,500
MEO	Hedge/Member	Mnths 7+	Decrease	USD	26,000	26,000	23,500	23,500
MINI JAPAN NAPHTHA BALMO FUT (E6M)								
E6M	Spec		Decrease	USD	3,630	3,300	3,300	3,000
E6M	Hedge/Member		Decrease	USD	3,300	3,300	3,000	3,000
MINI NAPHTHA CARGOES CIF ARA ARGUS (NBF)								
NBF	Spec	Mnth 1	Decrease	USD	3,850	3,500	3,520	3,200
NBF	Hedge/Member	Mnth 1	Decrease	USD	3,500	3,500	3,200	3,200
NBF	Spec	Mnths 2-6	Decrease	USD	3,520	3,200	3,300	3,000
NBF	Hedge/Member	Mnths 2-6	Decrease	USD	3,200	3,200	3,000	3,000
NBF	Spec	Mnths 7+	Decrease	USD	3,520	3,200	3,300	3,000
NBF	Hedge/Member	Mnths 7+	Decrease	USD	3,200	3,200	3,000	3,000

SPAN MINIMUM PERFORMANCE BOND REQUIREMENTS

CC	Rate Type	Description	Change	ISO	Current Initial	Current Maintenance	New Initial	New Maintenance
Outright Rates								
MINI SINGAPORE GASOIL PLATS FUTURES (MSG)								
MSG	Spec	Mnth 1	Decrease	USD	336	305	292	265
MSG	Hedge/Member	Mnth 1	Decrease	USD	305	305	265	265
MSG	Spec	Mnths 2-6	Decrease	USD	336	305	292	265
MSG	Hedge/Member	Mnths 2-6	Decrease	USD	305	305	265	265
MSG	Spec	Mnths 7+	Decrease	USD	319	290	275	250
MSG	Hedge/Member	Mnths 7+	Decrease	USD	290	290	250	250
MINI SINGP FUEL OIL 180CST FUTURES (0F)								
0F	Spec	Mnth 1	Decrease	USD	1,705	1,550	1,540	1,400
0F	Hedge/Member	Mnth 1	Decrease	USD	1,550	1,550	1,400	1,400
0F	Spec	Mnth 2	Decrease	USD	1,705	1,550	1,540	1,400
0F	Hedge/Member	Mnth 2	Decrease	USD	1,550	1,550	1,400	1,400
0F	Spec	Mnths 3-7	Decrease	USD	1,705	1,550	1,540	1,400
0F	Hedge/Member	Mnths 3-7	Decrease	USD	1,550	1,550	1,400	1,400
0F	Spec	Mnths 8+	Decrease	USD	1,980	1,800	1,650	1,500
0F	Hedge/Member	Mnths 8+	Decrease	USD	1,800	1,800	1,500	1,500
MINI SINGP FUELOIL 180 BALMO FUT (5L)								
5L	Spec	Mnth 1	Decrease	USD	2,640	2,400	2,200	2,000
5L	Hedge/Member	Mnth 1	Decrease	USD	2,400	2,400	2,000	2,000
5L	Spec	Mnths 2+	Decrease	USD	2,640	2,400	2,200	2,000
5L	Hedge/Member	Mnths 2+	Decrease	USD	2,400	2,400	2,000	2,000
MOGAS92 UNLEADED (PLATTS) FUT (1N)								
1N	Spec	Mnths 2+	Decrease	USD	2,970	2,700	2,695	2,450
1N	Hedge/Member	Mnths 2+	Decrease	USD	2,700	2,700	2,450	2,450
1N	Spec	Mnth 1	Decrease	USD	2,970	2,700	2,695	2,450
1N	Hedge/Member	Mnth 1	Decrease	USD	2,700	2,700	2,450	2,450
MOGAS92 UNLEADED (PLTS) BLM FUT (1P)								
1P	Spec		Decrease	USD	6,600	6,000	4,950	4,500
1P	Hedge/Member		Decrease	USD	6,000	6,000	4,500	4,500
NEW YORK 3% FUEL OIL BALMO FUT (NYT)								
NYT	Spec	Tier 1	Decrease	USD	7,150	6,500	4,950	4,500
NYT	Hedge/Member	Tier 1	Decrease	USD	6,500	6,500	4,500	4,500
NYT	Spec	Tier 2	Decrease	USD	7,150	6,500	4,950	4,500
NYT	Hedge/Member	Tier 2	Decrease	USD	6,500	6,500	4,500	4,500
NEW YORK HEATING OIL PLATTS FUT (YF)								
YF	Spec		Decrease	USD	5,500	5,000	4,180	3,800
YF	Hedge/Member		Decrease	USD	5,000	5,000	3,800	3,800

SPAN MINIMUM PERFORMANCE BOND REQUIREMENTS

CC	Rate Type	Description	Change	ISO	Current Initial	Current Maintenance	New Initial	New Maintenance
Outright Rates								
NEW YORK ULSD (ARGUS) FUT (5Y)								
5Y	Spec		Decrease	USD	4,840	4,400	4,400	4,000
5Y	Hedge/Member		Decrease	USD	4,400	4,400	4,000	4,000
NY 0.7% FUEL OIL (PLATTS) FUT (Y4)								
Y4	Spec		Decrease	USD	3,850	3,500	3,300	3,000
Y4	Hedge/Member		Decrease	USD	3,500	3,500	3,000	3,000
NY BUCKEYE JET FUEL (PLATTS) FUTURE (BUC)								
BUC	Spec		Decrease	USD	4,950	4,500	4,400	4,000
BUC	Hedge/Member		Decrease	USD	4,500	4,500	4,000	4,000
NY HARBOR 1% FUEL OIL BALMO (VK)								
VK	Spec	Tier 1	Decrease	USD	5,500	5,000	4,400	4,000
VK	Hedge/Member	Tier 1	Decrease	USD	5,000	5,000	4,000	4,000
VK	Spec	Tier 2	Decrease	USD	5,500	5,000	4,400	4,000
VK	Hedge/Member	Tier 2	Decrease	USD	5,000	5,000	4,000	4,000
NY ULTRA LOW S DIESEL CAL FUT (YS)								
YS	Spec		Decrease	USD	4,950	4,500	4,400	4,000
YS	Hedge/Member		Decrease	USD	4,500	4,500	4,000	4,000
PREM UNL GAS 10 PPM (PLTS) RDM (7L)								
7L	Spec		Decrease	USD	38,500	35,000	33,000	30,000
7L	Hedge/Member		Decrease	USD	35,000	35,000	30,000	30,000
PREMIUM UNLD 10P FOB MED FUT (3G)								
3G	Spec	Mnth 1	Decrease	USD	41,800	38,000	36,300	33,000
3G	Hedge/Member	Mnth 1	Decrease	USD	38,000	38,000	33,000	33,000
3G	Spec	Mnths 2+	Decrease	USD	41,800	38,000	36,300	33,000
3G	Hedge/Member	Mnths 2+	Decrease	USD	38,000	38,000	33,000	33,000
PREMIUM UNLD 10PPM CARGOES CIF (4G)								
4G	Spec		Decrease	USD	44,000	40,000	37,400	34,000
4G	Hedge/Member		Decrease	USD	40,000	40,000	34,000	34,000
RBOB (PLATTS) CAL FUT (RY)								
RY	Spec		Decrease	USD	4,950	4,500	4,510	4,100
RY	Hedge/Member		Decrease	USD	4,500	4,500	4,100	4,100
SINGAPORE 180CST BALMO (BS)								
BS	Spec	Mnth 1	Decrease	USD	26,400	24,000	22,000	20,000
BS	Hedge/Member	Mnth 1	Decrease	USD	24,000	24,000	20,000	20,000
BS	Spec	Mnths 2+	Decrease	USD	26,400	24,000	22,000	20,000
BS	Hedge/Member	Mnths 2+	Decrease	USD	24,000	24,000	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								
SINGAPORE 380CST BALMO (BT)								
BT	Spec	Tier 1	Decrease	USD	23,100	21,000	22,000	20,000
BT	Hedge/Member	Tier 1	Decrease	USD	21,000	21,000	20,000	20,000
BT	Spec	Tier 2	Decrease	USD	23,100	21,000	22,000	20,000
BT	Hedge/Member	Tier 2	Decrease	USD	21,000	21,000	20,000	20,000
SINGAPORE FUEL 180CST CALFUT (UA)								
UA	Spec	Mnth 1	Decrease	USD	17,050	15,500	15,400	14,000
UA	Hedge/Member	Mnth 1	Decrease	USD	15,500	15,500	14,000	14,000
UA	Spec	Mnth 2	Decrease	USD	17,050	15,500	15,400	14,000
UA	Hedge/Member	Mnth 2	Decrease	USD	15,500	15,500	14,000	14,000
UA	Spec	Mnths 3-7	Decrease	USD	17,050	15,500	15,400	14,000
UA	Hedge/Member	Mnths 3-7	Decrease	USD	15,500	15,500	14,000	14,000
UA	Spec	Mnths 8+	Decrease	USD	19,800	18,000	16,500	15,000
UA	Hedge/Member	Mnths 8+	Decrease	USD	18,000	18,000	15,000	15,000
SINGAPORE GASOIL BALMO (VU)								
VU	Spec	Tier 1	Decrease	USD	4,620	4,200	3,850	3,500
VU	Hedge/Member	Tier 1	Decrease	USD	4,200	4,200	3,500	3,500
VU	Spec	Tier 2	Decrease	USD	4,620	4,200	3,850	3,500
VU	Hedge/Member	Tier 2	Decrease	USD	4,200	4,200	3,500	3,500
SINGAPORE GASOIL FUT (SG)								
SG	Spec	Mnth 1	Decrease	USD	3,355	3,050	2,915	2,650
SG	Hedge/Member	Mnth 1	Decrease	USD	3,050	3,050	2,650	2,650
SG	Spec	Mnths 2-6	Decrease	USD	3,355	3,050	2,915	2,650
SG	Hedge/Member	Mnths 2-6	Decrease	USD	3,050	3,050	2,650	2,650
SG	Spec	Mnths 7+	Decrease	USD	3,190	2,900	2,750	2,500
SG	Hedge/Member	Mnths 7+	Decrease	USD	2,900	2,900	2,500	2,500
SINGAPORE JET KERO BALMO (BX)								
BX	Spec	Mnth 1	Decrease	USD	4,950	4,500	4,400	4,000
BX	Hedge/Member	Mnth 1	Decrease	USD	4,500	4,500	4,000	4,000
BX	Spec	Mnths 2+	Decrease	USD	4,950	4,500	4,400	4,000
BX	Hedge/Member	Mnths 2+	Decrease	USD	4,500	4,500	4,000	4,000
SINGAPORE MOGAS 95 FUT (V0)								
V0	Spec	Mnth 1	Decrease	USD	3,960	3,600	3,520	3,200
V0	Hedge/Member	Mnth 1	Decrease	USD	3,600	3,600	3,200	3,200
V0	Spec	Mnths 2+	Decrease	USD	3,960	3,600	3,520	3,200
V0	Hedge/Member	Mnths 2+	Decrease	USD	3,600	3,600	3,200	3,200

SPAN MINIMUM PERFORMANCE BOND REQUIREMENTS

CC	Rate Type	Description	Change	ISO	Current Initial	Current Maintenance	New Initial	New Maintenance
Outright Rates								
SINGAPORE MOGAS 97 BALMO FUT (Y0)								
Y0	Spec		Decrease	USD	7,700	7,000	5,500	5,000
Y0	Hedge/Member		Decrease	USD	7,000	7,000	5,000	5,000
SINGAPORE MOGAS 97 FUT (X0)								
X0	Spec		Decrease	USD	4,400	4,000	3,850	3,500
X0	Hedge/Member		Decrease	USD	4,000	4,000	3,500	3,500
SYNTHET GULF COAST GASOLINE CLNDR F (SGS)								
SGS	Spec	Mths 1	Decrease	USD	7,150	6,500	5,500	5,000
SGS	Hedge/Member	Mths 1	Decrease	USD	6,500	6,500	5,000	5,000
SGS	Spec	Mths 2	Decrease	USD	6,600	6,000	4,950	4,500
SGS	Hedge/Member	Mths 2	Decrease	USD	6,000	6,000	4,500	4,500
SGS	Spec	Mths 3-8	Decrease	USD	6,160	5,600	4,510	4,100
SGS	Hedge/Member	Mths 3-8	Decrease	USD	5,600	5,600	4,100	4,100
SGS	Spec	Mnths 9+	Decrease	USD	6,160	5,600	4,510	4,100
SGS	Hedge/Member	Mnths 9+	Decrease	USD	5,600	5,600	4,100	4,100
SYNTHET GULF COAST NO.6 FUEL OIL 3 (SMF)								
SMF	Spec	Mnth 1	Decrease	USD	2,640	2,400	2,420	2,200
SMF	Hedge/Member	Mnth 1	Decrease	USD	2,400	2,400	2,200	2,200
SMF	Spec	Mnths 2-6	Decrease	USD	2,640	2,400	2,420	2,200
SMF	Hedge/Member	Mnths 2-6	Decrease	USD	2,400	2,400	2,200	2,200
SYNTHETIC SINGAPORE GASOIL FUT (SSG)								
SSG	Spec	Mnth 1	Decrease	USD	3,355	3,050	2,915	2,650
SSG	Hedge/Member	Mnth 1	Decrease	USD	3,050	3,050	2,650	2,650
SSG	Spec	Mnths 2-6	Decrease	USD	3,355	3,050	2,915	2,650
SSG	Hedge/Member	Mnths 2-6	Decrease	USD	3,050	3,050	2,650	2,650
SSG	Spec	Mnths 7+	Decrease	USD	3,190	2,900	2,750	2,500
SSG	Hedge/Member	Mnths 7+	Decrease	USD	2,900	2,900	2,500	2,500
ULSD 10PPM CIF MED BALMO FUT (X7)								
X7	Spec		Decrease	USD	49,500	45,000	38,500	35,000
X7	Hedge/Member		Decrease	USD	45,000	45,000	35,000	35,000
ULSD 10PPM CIF NW BALMO FUT (B1)								
B1	Spec		Decrease	USD	49,500	45,000	38,500	35,000
B1	Hedge/Member		Decrease	USD	45,000	45,000	35,000	35,000

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								
Month 1 vs Month 2 (LIVE CATTLE FUTURES)								
LC	Spec		Increase	USD	578	525	770	700
LC	Hedge/Member		Increase	USD	525	525	700	700
Month 1 vs Month 2 (LIVE CATTLE TRADE AT SETTLEMENT)								
LET	Spec		Increase	USD	578	525	770	700
LET	Hedge/Member		Increase	USD	525	525	700	700
Month 1 vs Month 3 (LIVE CATTLE FUTURES)								
LC	Spec		Increase	USD	715	650	880	800
LC	Hedge/Member		Increase	USD	650	650	800	800
Month 1 vs Month 3 (LIVE CATTLE TRADE AT SETTLEMENT)								
LET	Spec		Increase	USD	715	650	880	800
LET	Hedge/Member		Increase	USD	650	650	800	800
Month 1 vs Month 4 (LIVE CATTLE FUTURES)								
LC	Spec		Increase	USD	770	700	990	900
LC	Hedge/Member		Increase	USD	700	700	900	900
Month 1 vs Month 4 (LIVE CATTLE TRADE AT SETTLEMENT)								
LET	Spec		Increase	USD	770	700	990	900
LET	Hedge/Member		Increase	USD	700	700	900	900
Month 1 vs Month 5 (LIVE CATTLE FUTURES)								
LC	Spec		Increase	USD	1,045	950	1,210	1,100
LC	Hedge/Member		Increase	USD	950	950	1,100	1,100
Month 1 vs Month 5 (LIVE CATTLE TRADE AT SETTLEMENT)								
LET	Spec		Increase	USD	1,045	950	1,210	1,100
LET	Hedge/Member		Increase	USD	950	950	1,100	1,100
Month 1 vs Months 6+ (LIVE CATTLE FUTURES)								
LC	Spec		Increase	USD	1,045	950	1,210	1,100
LC	Hedge/Member		Increase	USD	950	950	1,100	1,100
Month 1 vs Months 6+ (LIVE CATTLE TRADE AT SETTLEMENT)								
LET	Spec		Increase	USD	1,045	950	1,210	1,100
LET	Hedge/Member		Increase	USD	950	950	1,100	1,100
Month 2 vs Month 4 (FEEDER CATTLE FUTURES)								
FC	Spec		Increase	USD	715	650	825	750
FC	Hedge/Member		Increase	USD	650	650	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 Month 4 (FEEDER CATTLE TRADE AT SETTLE)								
GFT	Spec		Increase	USD	715	650	825	750
GFT	Hedge/Member		Increase	USD	650	650	750	750
Month 2 vs Month 4 (LIVE CATTLE FUTURES)								
LC	Spec		Increase	USD	550	500	770	700
LC	Hedge/Member		Increase	USD	500	500	700	700
Month 2 vs Month 4 (LIVE CATTLE TRADE AT SETTLEMENT)								
LET	Spec		Increase	USD	550	500	770	700
LET	Hedge/Member		Increase	USD	500	500	700	700
Month 2 vs Month 5 (FEEDER CATTLE FUTURES)								
FC	Spec		Increase	USD	825	750	990	900
FC	Hedge/Member		Increase	USD	750	750	900	900
Month 2 vs Month 5 (FEEDER CATTLE TRADE AT SETTLE)								
GFT	Spec		Increase	USD	825	750	990	900
GFT	Hedge/Member		Increase	USD	750	750	900	900
Month 2 vs Month 5 (LIVE CATTLE FUTURES)								
LC	Spec		Increase	USD	715	650	880	800
LC	Hedge/Member		Increase	USD	650	650	800	800
Month 2 vs Month 5 (LIVE CATTLE TRADE AT SETTLEMENT)								
LET	Spec		Increase	USD	715	650	880	800
LET	Hedge/Member		Increase	USD	650	650	800	800
Month 2 vs Months 6+ (FEEDER CATTLE FUTURES)								
FC	Spec		Increase	USD	1,320	1,200	1,540	1,400
FC	Hedge/Member		Increase	USD	1,200	1,200	1,400	1,400
Month 2 vs Months 6+ (FEEDER CATTLE TRADE AT SETTLE)								
GFT	Spec		Increase	USD	1,320	1,200	1,540	1,400
GFT	Hedge/Member		Increase	USD	1,200	1,200	1,400	1,400
Month 3 vs Month 4 (LIVE CATTLE FUTURES)								
LC	Spec		Increase	USD	413	375	550	500
LC	Hedge/Member		Increase	USD	375	375	500	500
Month 3 vs Month 4 (LIVE CATTLE TRADE AT SETTLEMENT)								
LET	Spec		Increase	USD	413	375	550	500
LET	Hedge/Member		Increase	USD	375	375	500	500

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

Month 3 vs Month 5 (FEEDER CATTLE FUTURES)

FC	Spec		Increase	USD	715	650	880	800
FC	Hedge/Member		Increase	USD	650	650	800	800

Month 3 vs Month 5 (FEEDER CATTLE TRADE AT SETTLE)

GFT	Spec		Increase	USD	715	650	880	800
GFT	Hedge/Member		Increase	USD	650	650	800	800

Month 3 vs Month 5 (LIVE CATTLE FUTURES)

LC	Spec		Increase	USD	550	500	660	600
LC	Hedge/Member		Increase	USD	500	500	600	600

Month 3 vs Month 5 (LIVE CATTLE TRADE AT SETTLEMENT)

LET	Spec		Increase	USD	550	500	660	600
LET	Hedge/Member		Increase	USD	500	500	600	600

Month 3 vs Months 6+ (FEEDER CATTLE FUTURES)

FC	Spec		Increase	USD	1,155	1,050	1,540	1,400
FC	Hedge/Member		Increase	USD	1,050	1,050	1,400	1,400

Month 3 vs Months 6+ (FEEDER CATTLE TRADE AT SETTLE)

GFT	Spec		Increase	USD	1,155	1,050	1,540	1,400
GFT	Hedge/Member		Increase	USD	1,050	1,050	1,400	1,400

Month 4 vs Months 6+ (FEEDER CATTLE FUTURES)

FC	Spec		Increase	USD	990	900	1,073	975
FC	Hedge/Member		Increase	USD	900	900	975	975

Month 4 vs Months 6+ (FEEDER CATTLE TRADE AT SETTLE)

GFT	Spec		Increase	USD	990	900	1,073	975
GFT	Hedge/Member		Increase	USD	900	900	975	975

SPAN MINIMUM PERFORMANCE BOND REQUIREMENTS

CC	Rate Type	Description	Change	ISO	Current Initial	Current Maintenance	New Initial	New Maintenance
Intra Spreads								
PETROLEUM CRACKS AND SPREADS - Intra Spreads								
3.5% Fuel Oil CIF Med (Platts) vs. 3.5% Fuel Oil FOB Med (Platts) BALMO Futures - All Days (3.5% FUEL OIL MED VS FOB BALMO FUT)								
CMB	Spec		New	USD			2,200	2,000
CMB	Hedge/Member		New	USD			2,000	2,000
3.5% Fuel Oil CIF Med (Platts) vs. 3.5% Fuel Oil FOB Med (Platts) Futures - All Months (3.5% FUEL OIL CIF MED VS 3.5% FUEL)								
CMF	Spec		New	USD			2,200	2,000
CMF	Hedge/Member		New	USD			2,000	2,000
NY Buckeye Jet Fuel (Platts) vs. NY Harbor ULSD BALMO Futures - All Days (NY BUCKEYE JET FUEL V. NY HR BALMO)								
JTB	Spec		New	USD			1,100	1,000
JTB	Hedge/Member		New	USD			1,000	1,000

SPAN MINIMUM PERFORMANCE BOND REQUIREMENTS

Rate Type	Change	Ratio	Current Initial	Current Maintenance	New Initial	New Maintenance
Inter-commodity Spread Rates						
ELECTRICITY - Inter-commodity Spread Rates						
NYISO ZONE J DAY-AHEAD PEAK CALENDAR-MONTH 5 MW FUTURES (NY-D3 - CME) vs NYISO ZONE G PEAK LBMP SWAP FUTURES (NY-T3 - CME)						
Spread Credit Rate	Increase	+1:-1	60%	60%	70%	70%
ETHANOL - Inter-commodity Spread Rates						
CHICAGO ETHANOL (PLATTS) SWAP FUTURES (NY-CU - CME) vs NY ETHANOL (PLATTS) SWAP FUTURES (NY-EZ - CME)						
Spread Credit Rate	Decrease	+1:-1	85%	85%	65%	65%
ETHANOL (EH - CME) vs CHICAGO ETHANOL (PLATTS) SWAP FUTURES (NY-CU - CME)						
Spread Credit Rate	Decrease	+7:-5	70%	70%	55%	55%
FX - Inter-commodity Spread Rates						
Australian Dollar (AD) vs. Canadian Dollar (CD)						
Spread Credit Rate	Decrease	+1:-1	69%	69%	60%	60%
METALS - Inter-commodity Spread Rates						
KILO GOLD FUTURES (CX-GCK - CME) vs COPPER FUTURES (CX-HG - CME)						
Spread Credit Rate	Decrease	+3:-2	20%	20%	0%	0%
PETROLEUM CRACKS AND SPREADS - Inter-commodity Spread Rates						
3.5% FUEL OIL CIF MED (PLATTS) VS. 3.5% FUEL OIL FOB MED (PLATTS) BALMO FUTURES (NY-CMB - CME) vs 3.5% FUEL OIL CIF MED (PLATTS) VS. 3.5% FUEL OIL FOB MED (PLATTS) FUTURES (NY-CMF - CME)						
Spread Credit Rate	New	+1:-1			75%	75%
3.5% FUEL OIL CIF MED (PLATTS) VS. 3.5% FUEL OIL FOB MED (PLATTS) FUTURES (NY-CMF - CME) vs 3.5% FUEL OIL (PLATTS) CIF MED SWAP FUTURES (NY-7D - CME) vs EUROPEAN 3.5% FUEL OIL (PLATTS) CARGOES FOB MED CALENDAR SWAP FUTURES (NY-UI - CME)						
Spread Credit Rate	New	+1:-1:+1			99%	99%
3.5% FUEL OIL CIF MED (PLATTS) VS. 3.5% FUEL OIL FOB MED (PLATTS) FUTURES (NY-CMF - CME) vs 3.5% FUEL OIL BARGES FOB RDAM VS. 3.5% FOB MED SPREAD (PLATTS) SWAP FUTURES (NY-FK - CME)						
Spread Credit Rate	New	+1:-1			80%	80%
NY BUCKEYE JET FUEL (PLATTS) VS. NY HARBOR ULSD FUTURES (NY-JET - CME) vs NY BUCKEYE JET FUEL (PLATTS) VS. NY HARBOR ULSD BALMO FUTURES (NY-JTB - CME)						
Spread Credit Rate	New	+1:-1			75%	75%
REFINED PRODUCTS - Inter-commodity Spread Rates						
3.5% FUEL OIL CIF MED (PLATTS) VS. 3.5% FUEL OIL FOB MED (PLATTS) FUTURES (NY-CMF - CME) vs 3.5% FUEL OIL (PLATTS) CIF MED SWAP FUTURES (NY-7D - CME) vs EUROPEAN 3.5% FUEL OIL (PLATTS) CARGOES FOB MED CALENDAR SWAP FUTURES (NY-UI - CME)						
Spread Credit Rate	New	+1:-1:+1			99%	99%

SPAN MINIMUM PERFORMANCE BOND REQUIREMENTS

SPAN MINIMUM PERFORMANCE BOND REQUIREMENTS

Rate Type	<u>Tier Description</u>	Change	Current Initial	Current Maintenance	New Initial	New Maintenance
Short Option Minimum (SOM) Rate						

SPAN MINIMUM PERFORMANCE BOND REQUIREMENTS

Rate Type	Tier Description	Change	Current Initial	Current Maintenance	New Initial	New Maintenance
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Volatility Scan (volScan) Rate

NATURAL GAS - Volatility Scan (volScan) Rate

HENRY HUB NATURAL GAS FUTURES (HHQ, KD, LN, LNW, MNG, NG, NGT, ON, ONW, U01, U02, U03, U04, U05, U06, U07, U08, U09, U10, U11, U12, U13, U14, U15, U16, U17, U18, U19, U20, U21, U22, U23, U24, U25, U26, U27, U28, U29, U30, U31) - volScan

Clearing Member Rate	Mnth2	Decrease		0.050		0.035
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