



14-161

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

FROM: CME Clearing

SUBJECT: Performance Bond Requirements

DATE: Thursday, April 17, 2014

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 **Monday, April 21, 2014.**

Current rates as of:

Thursday, April 17, 2014.

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								
AGRICULTURE - Outright Rates								
DAP FOB NOLA SWAP (DFL)								
DFL	Spec		Increase	USD	3,630	3,300	4,950	4,500
DFL	Hedge/Member		Increase	USD	3,300	3,300	4,500	4,500
ELECTRICITY - Outright Rates								
AEP-DAYTON HUB OFF-PEAK MONTHLY (VP)								
VP	Spec	Mnth 1	Decrease	USD	13,200	12,000	4,125	3,750
VP	Hedge/Member	Mnth 1	Decrease	USD	12,000	12,000	3,750	3,750
VP	Spec	Mnth 2	Decrease	USD	11,000	10,000	3,960	3,600
VP	Hedge/Member	Mnth 2	Decrease	USD	10,000	10,000	3,600	3,600
VP	Spec	Mnths 3-11	Decrease	USD	3,300	3,000	1,650	1,500
VP	Hedge/Member	Mnths 3-11	Decrease	USD	3,000	3,000	1,500	1,500
VP	Spec	Mnths 12+	Decrease	USD	2,750	2,500	1,650	1,500
VP	Hedge/Member	Mnths 12+	Decrease	USD	2,500	2,500	1,500	1,500
AER-DAYTON HUB MONTHLY (VM)								
VM	Spec	Mnth 1	Decrease	USD	82,500	75,000	31,900	29,000
VM	Hedge/Member	Mnth 1	Decrease	USD	75,000	75,000	29,000	29,000
VM	Spec	Mnth 2	Decrease	USD	27,500	25,000	6,600	6,000
VM	Hedge/Member	Mnth 2	Decrease	USD	25,000	25,000	6,000	6,000
VM	Spec	Mnths 3-11	Decrease	USD	2,860	2,600	1,870	1,700
VM	Hedge/Member	Mnths 3-11	Decrease	USD	2,600	2,600	1,700	1,700
VM	Spec	Mnths 12+	Decrease	USD	2,640	2,400	1,650	1,500
VM	Hedge/Member	Mnths 12+	Decrease	USD	2,400	2,400	1,500	1,500
ALBERTA POWER POOL CAL DAY FUTURES (AOD)								
AOD	Spec	Days 1-9	Decrease	CAD	330	300	110	100
AOD	Hedge/Member	Days 1-9	Decrease	CAD	300	300	100	100
ALBERTA POWER POOL EXT. PK CAL DAY (AXP)								
AXP	Spec		Decrease	CAD	35,200	32,000	6,600	6,000
AXP	Hedge/Member		Decrease	CAD	32,000	32,000	6,000	6,000
ALBERTA POWER POOL OF-PK CAL DAY (ALF)								
ALF	Spec		Decrease	CAD	2,200	2,000	385	350
ALF	Hedge/Member		Decrease	CAD	2,000	2,000	350	350
ALBERTA POWER POOL PK CAL DAY FUT (ALP)								
ALP	Spec		Decrease	CAD	35,200	32,000	6,600	6,000
ALP	Hedge/Member		Decrease	CAD	32,000	32,000	6,000	6,000
ALBERTA PWR POOL EXT. OF-PK CAL DAY (AFP)								

SPAN MINIMUM PERFORMANCE BOND REQUIREMENTS

CC	Rate Type	Description	Change	ISO	Current Initial	Current Maintenance	New Initial	New Maintenance
Outright Rates								
AFP	Spec		Decrease	CAD	2,200	2,000	385	350
AFP	Hedge/Member		Decrease	CAD	2,000	2,000	350	350
CAISO NP15 EZGNHUB5 MW P DAY A (1Y)								
1Y	Spec	Mnth 1	Decrease	USD	220	200	187	170
1Y	Hedge/Member	Mnth 1	Decrease	USD	200	200	170	170
1Y	Spec	Mnths 2-6	Decrease	USD	220	200	187	170
1Y	Hedge/Member	Mnths 2-6	Decrease	USD	200	200	170	170
1Y	Spec	Mnths 7-11	Decrease	USD	220	200	187	170
1Y	Hedge/Member	Mnths 7-11	Decrease	USD	200	200	170	170
1Y	Spec	Mnths 12+	Decrease	USD	220	200	187	170
1Y	Hedge/Member	Mnths 12+	Decrease	USD	200	200	170	170
CAISO NP15 EZGNHUB5 MW P DAY A (4X)								
4X	Spec	Mnth 1	Decrease	USD	220	200	187	170
4X	Hedge/Member	Mnth 1	Decrease	USD	200	200	170	170
4X	Spec	Mnths 2-6	Decrease	USD	220	200	187	170
4X	Hedge/Member	Mnths 2-6	Decrease	USD	200	200	170	170
4X	Spec	Mnths 7-11	Decrease	USD	220	200	187	170
4X	Hedge/Member	Mnths 7-11	Decrease	USD	200	200	170	170
4X	Spec	Mnths 12+	Decrease	USD	220	200	187	170
4X	Hedge/Member	Mnths 12+	Decrease	USD	200	200	170	170
CAISO NP15 EZGNHUB5 OFF P CLN (2J)								
2J	Spec		Decrease	USD	495	450	154	140
2J	Hedge/Member		Decrease	USD	450	450	140	140
CAISO NP15 EZGNHUB5 OFF P CLN (2Z)								
2Z	Spec		Decrease	USD	495	450	55	50
2Z	Hedge/Member		Decrease	USD	450	450	50	50
CAISO NP15 EZGNHUB5 PEAK CLN D (2F)								
2F	Spec		Decrease	USD	9,900	9,000	1,045	950
2F	Hedge/Member		Decrease	USD	9,000	9,000	950	950
CAISO NP15 EZGNHUB5 PEAK CLN D (3Z)								
3Z	Spec		Decrease	USD	9,900	9,000	743	675
3Z	Hedge/Member		Decrease	USD	9,000	9,000	675	675

SPAN MINIMUM PERFORMANCE BOND REQUIREMENTS

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

CAISO SP15 EZGNHUB5 MW OFF P D (2E)

2E	Spec	Mnth 1	Decrease	USD	22	20	17	15
2E	Hedge/Member	Mnth 1	Decrease	USD	20	20	15	15
2E	Spec	Mnths 2-6	Decrease	USD	22	20	17	15
2E	Hedge/Member	Mnths 2-6	Decrease	USD	20	20	15	15
2E	Spec	Mnths 7-11	Decrease	USD	22	20	17	15
2E	Hedge/Member	Mnths 7-11	Decrease	USD	20	20	15	15
2E	Spec	Mnths 12+	Decrease	USD	22	20	17	15
2E	Hedge/Member	Mnths 12+	Decrease	USD	20	20	15	15

CAISO SP15 EZGNHUB5 MW OFF P D (5X)

5X	Spec	Mnth 1	Decrease	USD	22	20	11	10
5X	Hedge/Member	Mnth 1	Decrease	USD	20	20	10	10
5X	Spec	Mnths 2-6	Decrease	USD	22	20	11	10
5X	Hedge/Member	Mnths 2-6	Decrease	USD	20	20	10	10
5X	Spec	Mnths 7-11	Decrease	USD	22	20	11	10
5X	Hedge/Member	Mnths 7-11	Decrease	USD	20	20	10	10
5X	Spec	Mnths 12+	Decrease	USD	22	20	11	10
5X	Hedge/Member	Mnths 12+	Decrease	USD	20	20	10	10

CAISO SP15 EZGNHUB5 MW P DAY A (1Z)

1Z	Spec	Mnth 1	Decrease	USD	220	200	209	190
1Z	Hedge/Member	Mnth 1	Decrease	USD	200	200	190	190
1Z	Spec	Mnths 2-6	Decrease	USD	220	200	209	190
1Z	Hedge/Member	Mnths 2-6	Decrease	USD	200	200	190	190
1Z	Spec	Mnths 7-11	Decrease	USD	220	200	209	190
1Z	Hedge/Member	Mnths 7-11	Decrease	USD	200	200	190	190
1Z	Spec	Mnths 12+	Decrease	USD	220	200	209	190
1Z	Hedge/Member	Mnths 12+	Decrease	USD	200	200	190	190

CAISO SP15 EZGNHUB5 MW P DAY A (9X)

9X	Spec	Mnth 1	Decrease	USD	220	200	209	190
9X	Hedge/Member	Mnth 1	Decrease	USD	200	200	190	190
9X	Spec	Mnths 2-6	Decrease	USD	220	200	209	190
9X	Hedge/Member	Mnths 2-6	Decrease	USD	200	200	190	190
9X	Spec	Mnths 7-11	Decrease	USD	220	200	209	190
9X	Hedge/Member	Mnths 7-11	Decrease	USD	200	200	190	190
9X	Spec	Mnths 12+	Decrease	USD	220	200	209	190
9X	Hedge/Member	Mnths 12+	Decrease	USD	200	200	190	190

SPAN MINIMUM PERFORMANCE BOND REQUIREMENTS

CC	Rate Type	Description	Change	ISO	Current Initial	Current Maintenance	New Initial	New Maintenance
Outright Rates								
CAISO SP15 EZGNHUB5 OFF P CLN (2K)								
2K	Spec		Decrease	USD	495	450	176	160
2K	Hedge/Member		Decrease	USD	450	450	160	160
CAISO SP15 EZGNHUB5 OFF P CLN (4Z)								
4Z	Spec		Decrease	USD	495	450	55	50
4Z	Hedge/Member		Decrease	USD	450	450	50	50
CAISO SP15 EZGNHUB5 PEAK CLN D (2H)								
2H	Spec		Decrease	USD	9,900	9,000	1,238	1,125
2H	Hedge/Member		Decrease	USD	9,000	9,000	1,125	1,125
CAISO SP15 EZGNHUB5 PEAK CLN D (9Z)								
9Z	Spec		Decrease	USD	9,900	9,000	743	675
9Z	Hedge/Member		Decrease	USD	9,000	9,000	675	675
ERCOT HOUST 345KV HUB DAYH 5MW OFPK (EHW)								
EHW	Spec		Decrease	USD	4,125	3,750	1,100	1,000
EHW	Hedge/Member		Decrease	USD	3,750	3,750	1,000	1,000
ERCOT HSTN 345KV HUB DAYHD 5MW PK (EHF)								
EHF	Spec		Decrease	USD	66,000	60,000	16,500	15,000
EHF	Hedge/Member		Decrease	USD	60,000	60,000	15,000	15,000
ERCOT NORTH 345KV HUB DAYHD 5MW PK (ERW)								
ERW	Spec		Decrease	USD	66,000	60,000	16,500	15,000
ERW	Hedge/Member		Decrease	USD	60,000	60,000	15,000	15,000
ERCOT NRTH 345 KV HUB 5 MW PEAK FUT (I5)								
I5	Spec	Mnth 1	Decrease	USD	2,585	2,350	1,870	1,700
I5	Hedge/Member	Mnth 1	Decrease	USD	2,350	2,350	1,700	1,700
I5	Spec	Mnth 2	Decrease	USD	1,870	1,700	1,430	1,300
I5	Hedge/Member	Mnth 2	Decrease	USD	1,700	1,700	1,300	1,300
ERCOT NRTH 345KV HUB DAYHD 5MW OFPK (ERP)								
ERP	Spec		Decrease	USD	4,125	3,750	1,100	1,000
ERP	Hedge/Member		Decrease	USD	3,750	3,750	1,000	1,000
ERCOT S. 345KV HUB DAYHD 5MW OFPK (EUP)								
EUP	Spec		Decrease	USD	4,125	3,750	1,100	1,000
EUP	Hedge/Member		Decrease	USD	3,750	3,750	1,000	1,000
ERCOT SOUTH 345KV HUB DAYHD 5MW PK (EUW)								
EUW	Spec		Decrease	USD	66,000	60,000	16,500	15,000
EUW	Hedge/Member		Decrease	USD	60,000	60,000	15,000	15,000

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

ERCOT WEST 345 KV HUB MW PEAK FUT (N1)

N1	Spec	Mnth 1	Decrease	USD	3,080	2,800	1,540	1,400
N1	Hedge/Member	Mnth 1	Decrease	USD	2,800	2,800	1,400	1,400
N1	Spec	Mnth 2	Decrease	USD	1,650	1,500	1,100	1,000
N1	Hedge/Member	Mnth 2	Decrease	USD	1,500	1,500	1,000	1,000
N1	Spec	Mnths 3-11	Decrease	USD	1,485	1,350	990	900
N1	Hedge/Member	Mnths 3-11	Decrease	USD	1,350	1,350	900	900
N1	Spec	Mnths 12+	Increase	USD	660	600	825	750
N1	Hedge/Member	Mnths 12+	Increase	USD	600	600	750	750

ERCOT WEST 345KV HB DAYHD 5MW PK (EWW)

EWW	Spec		Decrease	USD	66,000	60,000	16,500	15,000
EWW	Hedge/Member		Decrease	USD	60,000	60,000	15,000	15,000

ERCOT WEST 345KV HUB DAYHD 5MW OFPK (EWF)

EWF	Spec		Decrease	USD	4,125	3,750	1,100	1,000
EWF	Hedge/Member		Decrease	USD	3,750	3,750	1,000	1,000

ILLINOIS HUB PEAK MONTH FUT (OM)

OM	Spec	Mnth 1	Decrease	USD	7,700	7,000	990	900
OM	Hedge/Member	Mnth 1	Decrease	USD	7,000	7,000	900	900
OM	Spec	Mnths 2-6	Decrease	USD	7,700	7,000	495	450
OM	Hedge/Member	Mnths 2-6	Decrease	USD	7,000	7,000	450	450
OM	Spec	Mnths 7-11	Decrease	USD	7,700	7,000	193	175
OM	Hedge/Member	Mnths 7-11	Decrease	USD	7,000	7,000	175	175
OM	Spec	Mnths 12+	Decrease	USD	7,700	7,000	550	500
OM	Hedge/Member	Mnths 12+	Decrease	USD	7,000	7,000	500	500

ILLINOIS OFF-PEAK MONTH FUT (OJ)

OJ	Spec	Mnth 1	Decrease	USD	5,500	5,000	50	45
OJ	Hedge/Member	Mnth 1	Decrease	USD	5,000	5,000	45	45
OJ	Spec	Mnths 2-6	Decrease	USD	5,500	5,000	39	35
OJ	Hedge/Member	Mnths 2-6	Decrease	USD	5,000	5,000	35	35
OJ	Spec	Mnths 7-11	Decrease	USD	5,500	5,000	11	10
OJ	Hedge/Member	Mnths 7-11	Decrease	USD	5,000	5,000	10	10
OJ	Spec	Mnths 12+	Decrease	USD	5,500	5,000	11	10
OJ	Hedge/Member	Mnths 12+	Decrease	USD	5,000	5,000	10	10

SPAN MINIMUM PERFORMANCE BOND REQUIREMENTS

CC	Rate Type	Description	Change	ISO	Current Initial	Current Maintenance	New Initial	New Maintenance
Outright Rates								
ISO NEW ENGLAND OFF-PEAK LMP FUT (KI)								
KI	Spec	Mnth 1	Decrease	USD	49,500	45,000	22,000	20,000
KI	Hedge/Member	Mnth 1	Decrease	USD	45,000	45,000	20,000	20,000
KI	Spec	Mnth 2	Decrease	USD	44,000	40,000	19,250	17,500
KI	Hedge/Member	Mnth 2	Decrease	USD	40,000	40,000	17,500	17,500
KI	Spec	Mnths 3-5	Decrease	USD	13,200	12,000	7,700	7,000
KI	Hedge/Member	Mnths 3-5	Decrease	USD	12,000	12,000	7,000	7,000
KI	Spec	Mnths 6-11	Decrease	USD	4,125	3,750	2,475	2,250
KI	Hedge/Member	Mnths 6-11	Decrease	USD	3,750	3,750	2,250	2,250
KI	Spec	Mnths 12+	Decrease	USD	12,540	11,400	5,500	5,000
KI	Hedge/Member	Mnths 12+	Decrease	USD	11,400	11,400	5,000	5,000
ISO NEW ENGLAND PEAK LMP FUT (NI)								
NI	Spec	Mnth 1	Decrease	USD	48,400	44,000	13,200	12,000
NI	Hedge/Member	Mnth 1	Decrease	USD	44,000	44,000	12,000	12,000
NI	Spec	Mnth 2	Decrease	USD	44,000	40,000	11,000	10,000
NI	Hedge/Member	Mnth 2	Decrease	USD	40,000	40,000	10,000	10,000
NI	Spec	Mnths 3-5	Decrease	USD	13,200	12,000	7,700	7,000
NI	Hedge/Member	Mnths 3-5	Decrease	USD	12,000	12,000	7,000	7,000
NI	Spec	Mnths 6-11	Decrease	USD	5,500	5,000	3,850	3,500
NI	Hedge/Member	Mnths 6-11	Decrease	USD	5,000	5,000	3,500	3,500
NI	Spec	Mnths 12+	Decrease	USD	13,200	12,000	5,500	5,000
NI	Hedge/Member	Mnths 12+	Decrease	USD	12,000	12,000	5,000	5,000
MDWST ISO IND. HUB 5MW PK CAL-MO RT (PTM)								
PTM	Spec	Mnth 1	Decrease	USD	2,915	2,650	990	900
PTM	Hedge/Member	Mnth 1	Decrease	USD	2,650	2,650	900	900
PTM	Spec	Mnth 2	Decrease	USD	1,485	1,350	633	575
PTM	Hedge/Member	Mnth 2	Decrease	USD	1,350	1,350	575	575
PTM	Spec	Mnths 3-11	Decrease	USD	358	325	193	175
PTM	Hedge/Member	Mnths 3-11	Decrease	USD	325	325	175	175
MDWST ISO INDIANA HUB 5MWPK CAL MO (PDM)								
PDM	Spec	Mnth 1	Decrease	USD	2,420	2,200	990	900
PDM	Hedge/Member	Mnth 1	Decrease	USD	2,200	2,200	900	900
PDM	Spec	Mnth 2	Decrease	USD	1,485	1,350	660	600
PDM	Hedge/Member	Mnth 2	Decrease	USD	1,350	1,350	600	600
PDM	Spec	Mnths 3-11	Decrease	USD	413	375	193	175
PDM	Hedge/Member	Mnths 3-11	Decrease	USD	375	375	175	175

SPAN MINIMUM PERFORMANCE BOND REQUIREMENTS

CC	Rate Type	Description	Change	ISO	Current Initial	Current Maintenance	New Initial	New Maintenance
Outright Rates								
MICHIGAN HUB OFF-PEAK MONTH FUT (HJ)								
HJ	Spec	Mnth 1	Decrease	USD	12,100	11,000	6,600	6,000
HJ	Hedge/Member	Mnth 1	Decrease	USD	11,000	11,000	6,000	6,000
HJ	Spec	Mnth 2	Decrease	USD	6,600	6,000	4,125	3,750
HJ	Hedge/Member	Mnth 2	Decrease	USD	6,000	6,000	3,750	3,750
HJ	Spec	Mnths 3-11	Decrease	USD	2,750	2,500	1,650	1,500
HJ	Hedge/Member	Mnths 3-11	Decrease	USD	2,500	2,500	1,500	1,500
HJ	Spec	Mnths 12+	Decrease	USD	2,750	2,500	1,650	1,500
HJ	Hedge/Member	Mnths 12+	Decrease	USD	2,500	2,500	1,500	1,500
MICHIGAN HUB PEAK MONTH FUT (HM)								
HM	Spec	Mnth 1	Decrease	USD	24,750	22,500	7,700	7,000
HM	Hedge/Member	Mnth 1	Decrease	USD	22,500	22,500	7,000	7,000
HM	Spec	Mnth 2	Decrease	USD	16,500	15,000	5,500	5,000
HM	Hedge/Member	Mnth 2	Decrease	USD	15,000	15,000	5,000	5,000
HM	Spec	Mnths 3-11	Decrease	USD	4,400	4,000	2,475	2,250
HM	Hedge/Member	Mnths 3-11	Decrease	USD	4,000	4,000	2,250	2,250
HM	Spec	Mnth 12+	Decrease	USD	3,300	3,000	1,650	1,500
HM	Hedge/Member	Mnth 12+	Decrease	USD	3,000	3,000	1,500	1,500
MID IND TRAN SO IL HUB5MW PEAK (4Q)								
4Q	Spec	Mnth 1	Decrease	USD	1,980	1,800	990	900
4Q	Hedge/Member	Mnth 1	Decrease	USD	1,800	1,800	900	900
4Q	Spec	Mnth 2	Decrease	USD	1,320	1,200	633	575
4Q	Hedge/Member	Mnth 2	Decrease	USD	1,200	1,200	575	575
4Q	Spec	Mnths 3-11	Decrease	USD	440	400	193	175
4Q	Hedge/Member	Mnths 3-11	Decrease	USD	400	400	175	175
MID-COLMBIA DAYAHEAD PEAK DAILY FIX (MDA)								
MDA	Spec	Mnth 1	Decrease	USD	2,750	2,500	2,200	2,000
MDA	Hedge/Member	Mnth 1	Decrease	USD	2,500	2,500	2,000	2,000
MDA	Spec	Mnths 2-3	Decrease	USD	2,750	2,500	2,200	2,000
MDA	Hedge/Member	Mnths 2-3	Decrease	USD	2,500	2,500	2,000	2,000
MIDWEST ISO MICHIGAN HUB 5MW PEAK C (HMW)								
HMW	Spec	Mnth 1	Decrease	USD	3,410	3,100	990	900
HMW	Hedge/Member	Mnth 1	Decrease	USD	3,100	3,100	900	900
HMW	Spec	Mnth 2-4	Decrease	USD	2,035	1,850	495	450
HMW	Hedge/Member	Mnth 2-4	Decrease	USD	1,850	1,850	450	450
HMW	Spec	Mnth 5-11	Decrease	USD	6,050	5,500	193	175
HMW	Hedge/Member	Mnth 5-11	Decrease	USD	5,500	5,500	175	175

SPAN MINIMUM PERFORMANCE BOND REQUIREMENTS

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

MINNESOTA OFF-PEAK MONTH FUT (LJ)

LJ	Spec	Mnth 1	Decrease	USD	7,700	7,000	33	30
LJ	Hedge/Member	Mnth 1	Decrease	USD	7,000	7,000	30	30
LJ	Spec	Mnths 2-6	Decrease	USD	7,700	7,000	22	20
LJ	Hedge/Member	Mnths 2-6	Decrease	USD	7,000	7,000	20	20
LJ	Spec	Mnths 7-11	Decrease	USD	7,700	7,000	11	10
LJ	Hedge/Member	Mnths 7-11	Decrease	USD	7,000	7,000	10	10
LJ	Spec	Mnths 12+	Decrease	USD	7,700	7,000	11	10
LJ	Hedge/Member	Mnths 12+	Decrease	USD	7,000	7,000	10	10

MINNESOTA HUB PEAK MONTH FUT (LM)

LM	Spec	Mnth 1	Decrease	USD	7,700	7,000	990	900
LM	Hedge/Member	Mnth 1	Decrease	USD	7,000	7,000	900	900
LM	Spec	Mnths 2-6	Decrease	USD	7,700	7,000	495	450
LM	Hedge/Member	Mnths 2-6	Decrease	USD	7,000	7,000	450	450
LM	Spec	Mnths 7-11	Decrease	USD	7,700	7,000	193	175
LM	Hedge/Member	Mnths 7-11	Decrease	USD	7,000	7,000	175	175
LM	Spec	Mnths 12+	Decrease	USD	7,700	7,000	550	500
LM	Hedge/Member	Mnths 12+	Decrease	USD	7,000	7,000	500	500

MISO IND. HUB 5MW OFPK CAL MTH DA (FDM)

FDM	Spec	Mnth 1	Decrease	USD	66	60	22	20
FDM	Hedge/Member	Mnth 1	Decrease	USD	60	60	20	20
FDM	Spec	Mnth 2	Decrease	USD	61	55	17	15
FDM	Hedge/Member	Mnth 2	Decrease	USD	55	55	15	15
FDM	Spec	Mnths 3-11	Decrease	USD	22	20	11	10
FDM	Hedge/Member	Mnths 3-11	Decrease	USD	20	20	10	10
FDM	Spec	Mnths 12+	Decrease	USD	22	20	11	10
FDM	Hedge/Member	Mnths 12+	Decrease	USD	20	20	10	10

MISO INDIANA HUB 5MW D AH O PK (K2)

K2	Spec	Mnth 1	Decrease	USD	66	60	22	20
K2	Hedge/Member	Mnth 1	Decrease	USD	60	60	20	20
K2	Spec	Mnth 2	Decrease	USD	50	45	17	15
K2	Hedge/Member	Mnth 2	Decrease	USD	45	45	15	15
K2	Spec	Mnths 3-11	Decrease	USD	22	20	11	10
K2	Hedge/Member	Mnths 3-11	Decrease	USD	20	20	10	10
K2	Spec	Mnths 4+	Decrease	USD	22	20	11	10
K2	Hedge/Member	Mnths 4+	Decrease	USD	20	20	10	10

SPAN MINIMUM PERFORMANCE BOND REQUIREMENTS

CC	Rate Type	Description	Change	ISO	Current Initial	Current Maintenance	New Initial	New Maintenance
Outright Rates								
MISO INDIANA HUB 5MW D AH PK (H5)								
H5	Spec	Mnth 1	Decrease	USD	2,365	2,150	990	900
H5	Hedge/Member	Mnth 1	Decrease	USD	2,150	2,150	900	900
H5	Spec	Mnth 2	Decrease	USD	1,485	1,350	495	450
H5	Hedge/Member	Mnth 2	Decrease	USD	1,350	1,350	450	450
H5	Spec	Mnths 3-11	Decrease	USD	413	375	193	175
H5	Hedge/Member	Mnths 3-11	Decrease	USD	375	375	175	175
MISO INDIANA HUB 5MW OFPK CAL MO RT (FTM)								
FTM	Spec	Mnth 1	Decrease	USD	66	60	22	20
FTM	Hedge/Member	Mnth 1	Decrease	USD	60	60	20	20
FTM	Spec	Mnth 2	Decrease	USD	50	45	17	15
FTM	Hedge/Member	Mnth 2	Decrease	USD	45	45	15	15
FTM	Spec	Mnths 3-11	Decrease	USD	17	15	11	10
FTM	Hedge/Member	Mnths 3-11	Decrease	USD	15	15	10	10
FTM	Spec	Mnths 12+	Decrease	USD	17	15	11	10
FTM	Hedge/Member	Mnths 12+	Decrease	USD	15	15	10	10
MISO INDIANA HUB 5MW OFPK CALDAY DA (FAD)								
FAD	Spec		Decrease	USD	330	300	248	225
FAD	Hedge/Member		Decrease	USD	300	300	225	225
MISO INDIANA HUB 5MW OFPK CALDAY RT (FTD)								
FTD	Spec		Decrease	USD	330	300	248	225
FTD	Hedge/Member		Decrease	USD	300	300	225	225
MISO INDIANA HUB 5MW PK CAL DAYHD (PDD)								
PDD	Spec		Decrease	USD	5,280	4,800	3,300	3,000
PDD	Hedge/Member		Decrease	USD	4,800	4,800	3,000	3,000
MISO INDIANA HUB 5MW PK CAL-DAY RT (PTD)								
PTD	Spec		Decrease	USD	6,600	6,000	3,300	3,000
PTD	Hedge/Member		Decrease	USD	6,000	6,000	3,000	3,000
MISO INDIANA HUB 5MW REAL TIME OFPK (H4)								
H4	Spec	Mnth 1	Decrease	USD	66	60	22	20
H4	Hedge/Member	Mnth 1	Decrease	USD	60	60	20	20
H4	Spec	Mnth 2	Decrease	USD	50	45	17	15
H4	Hedge/Member	Mnth 2	Decrease	USD	45	45	15	15
H4	Spec	Mnths 3-11	Decrease	USD	22	20	11	10
H4	Hedge/Member	Mnths 3-11	Decrease	USD	20	20	10	10
H4	Spec	Mnths 12+	Decrease	USD	22	20	11	10
H4	Hedge/Member	Mnths 12+	Decrease	USD	20	20	10	10

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 REAL TIME PK (H3)								
H3	Spec	Mnth 1	Decrease	USD	2,915	2,650	990	900
H3	Hedge/Member	Mnth 1	Decrease	USD	2,650	2,650	900	900
H3	Spec	Mnth 2	Decrease	USD	1,485	1,350	495	450
H3	Hedge/Member	Mnth 2	Decrease	USD	1,350	1,350	450	450
H3	Spec	Mnths 3-11	Decrease	USD	413	375	193	175
H3	Hedge/Member	Mnths 3-11	Decrease	USD	375	375	175	175
MISO INDIANA HUB OFF-PEAK MO FUT (EJ)								
EJ	Spec	Mnth 1	Decrease	USD	12,100	11,000	3,850	3,500
EJ	Hedge/Member	Mnth 1	Decrease	USD	11,000	11,000	3,500	3,500
EJ	Spec	Mnth 2	Decrease	USD	11,550	10,500	3,025	2,750
EJ	Hedge/Member	Mnth 2	Decrease	USD	10,500	10,500	2,750	2,750
EJ	Spec	Mnths 3-11	Decrease	USD	1,870	1,700	1,650	1,500
EJ	Hedge/Member	Mnths 3-11	Decrease	USD	1,700	1,700	1,500	1,500
EJ	Spec	Mnth 12+	Decrease	USD	2,750	2,500	1,650	1,500
EJ	Hedge/Member	Mnth 12+	Decrease	USD	2,500	2,500	1,500	1,500
MISO INDIANA HUB PEAK MONTH FUT (EM)								
EM	Spec	Mnth 1	Decrease	USD	17,380	15,800	7,700	7,000
EM	Hedge/Member	Mnth 1	Decrease	USD	15,800	15,800	7,000	7,000
EM	Spec	Mnth 2	Decrease	USD	14,410	13,100	5,500	5,000
EM	Hedge/Member	Mnth 2	Decrease	USD	13,100	13,100	5,000	5,000
EM	Spec	Mnths 3-11	Decrease	USD	3,300	3,000	2,475	2,250
EM	Hedge/Member	Mnths 3-11	Decrease	USD	3,000	3,000	2,250	2,250
EM	Spec	Mnth 12+	Decrease	USD	3,300	3,000	1,650	1,500
EM	Hedge/Member	Mnth 12+	Decrease	USD	3,000	3,000	1,500	1,500
MISO MICHIGAN HUB OF-PK DA MONTHLY (HMO)								
HMO	Spec	Mnth 1	Decrease	USD	132	120	33	30
HMO	Hedge/Member	Mnth 1	Decrease	USD	120	120	30	30
HMO	Spec	Mnths 2-6	Decrease	USD	121	110	22	20
HMO	Hedge/Member	Mnths 2-6	Decrease	USD	110	110	20	20
HMO	Spec	Mnths 7-11	Decrease	USD	22	20	17	15
HMO	Hedge/Member	Mnths 7-11	Decrease	USD	20	20	15	15
HMO	Spec	Mnths 12+	Decrease	USD	22	20	17	15
HMO	Hedge/Member	Mnths 12+	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 CNCTCT 5MW D AH O PK (P3)								
P3	Spec	Mnth 1	Decrease	USD	330	300	165	150
P3	Hedge/Member	Mnth 1	Decrease	USD	300	300	150	150
P3	Spec	Mnth 2	Decrease	USD	275	250	83	75
P3	Hedge/Member	Mnth 2	Decrease	USD	250	250	75	75
P3	Spec	Mnths 3-11	Decrease	USD	220	200	55	50
P3	Hedge/Member	Mnths 3-11	Decrease	USD	200	200	50	50
NEPOOL CONECTIC 5MW D AH PK (P2)								
P2	Spec	Mnth 1	Decrease	USD	8,250	7,500	4,400	4,000
P2	Hedge/Member	Mnth 1	Decrease	USD	7,500	7,500	4,000	4,000
P2	Spec	Mnth 2	Decrease	USD	7,425	6,750	3,300	3,000
P2	Hedge/Member	Mnth 2	Decrease	USD	6,750	6,750	3,000	3,000
NEPOOL INTR HUB 5MW D AH O PK (H2)								
H2	Spec	Mnth 1	Decrease	USD	220	200	165	150
H2	Hedge/Member	Mnth 1	Decrease	USD	200	200	150	150
H2	Spec	Mnth 2	Decrease	USD	209	190	83	75
H2	Hedge/Member	Mnth 2	Decrease	USD	190	190	75	75
H2	Spec	Mnths 3-11	Decrease	USD	55	50	22	20
H2	Hedge/Member	Mnths 3-11	Decrease	USD	50	50	20	20
H2	Spec	Mnths 12+	Decrease	USD	55	50	22	20
H2	Hedge/Member	Mnths 12+	Decrease	USD	50	50	20	20
NEPOOL INTR HUB 5MW D AH PK (U6)								
U6	Spec	Month 1	Decrease	USD	5,610	5,100	2,200	2,000
U6	Hedge/Member	Month 1	Decrease	USD	5,100	5,100	2,000	2,000
U6	Spec	Month 2	Decrease	USD	5,500	5,000	1,650	1,500
U6	Hedge/Member	Month 2	Decrease	USD	5,000	5,000	1,500	1,500
U6	Spec	Mnths 3-5	Decrease	USD	1,320	1,200	770	700
U6	Hedge/Member	Mnths 3-5	Decrease	USD	1,200	1,200	700	700
U6	Spec	Mnths 6-11	Decrease	USD	550	500	440	400
U6	Hedge/Member	Mnths 6-11	Decrease	USD	500	500	400	400
U6	Spec	Mnths 12+	Decrease	USD	1,430	1,300	440	400
U6	Hedge/Member	Mnths 12+	Decrease	USD	1,300	1,300	400	400
NEPOOL MAINE 5MW D AH O EAK (W2)								
W2	Spec	Mnth 1	Decrease	USD	275	250	220	200
W2	Hedge/Member	Mnth 1	Decrease	USD	250	250	200	200
W2	Spec	Mnth 2	Decrease	USD	275	250	165	150
W2	Hedge/Member	Mnth 2	Decrease	USD	250	250	150	150

SPAN MINIMUM PERFORMANCE BOND REQUIREMENTS

CC	Rate Type	Description	Change	ISO	Current Initial	Current Maintenance	New Initial	New Maintenance
Outright Rates								
NEPOOL MAINE 5MW D AH PK (P9)								
P9	Spec	Mnth 1	Decrease	USD	11,000	10,000	2,200	2,000
P9	Hedge/Member	Mnth 1	Decrease	USD	10,000	10,000	2,000	2,000
P9	Spec	Mnth 2	Decrease	USD	9,900	9,000	1,650	1,500
P9	Hedge/Member	Mnth 2	Decrease	USD	9,000	9,000	1,500	1,500
P9	Spec	Mnths 3-11	Decrease	USD	2,200	2,000	1,100	1,000
P9	Hedge/Member	Mnths 3-11	Decrease	USD	2,000	2,000	1,000	1,000
NEPOOL NE MASS 5MW D AH O PK (P8)								
P8	Spec	Mnth 1	Decrease	USD	220	200	165	150
P8	Hedge/Member	Mnth 1	Decrease	USD	200	200	150	150
P8	Spec	Mnth 2	Decrease	USD	209	190	55	50
P8	Hedge/Member	Mnth 2	Decrease	USD	190	190	50	50
P8	Spec	Mnths 3-11	Decrease	USD	55	50	33	30
P8	Hedge/Member	Mnths 3-11	Decrease	USD	50	50	30	30
P8	Spec	Mnths 12+	Decrease	USD	55	50	33	30
P8	Hedge/Member	Mnths 12+	Decrease	USD	50	50	30	30
NEPOOL NE MASS 5MW D AH PK (P7)								
P7	Spec	Mnth 1	Decrease	USD	8,250	7,500	2,200	2,000
P7	Hedge/Member	Mnth 1	Decrease	USD	7,500	7,500	2,000	2,000
P7	Spec	Mnth 2	Decrease	USD	7,425	6,750	825	750
P7	Hedge/Member	Mnth 2	Decrease	USD	6,750	6,750	750	750
P7	Spec	Mnths 3-5	Decrease	USD	1,320	1,200	550	500
P7	Hedge/Member	Mnths 3-5	Decrease	USD	1,200	1,200	500	500
P7	Spec	Mnths 12+	Decrease	USD	1,430	1,300	550	500
P7	Hedge/Member	Mnths 12+	Decrease	USD	1,300	1,300	500	500
NEPOOL NEW HAMP 5MW D AH O PK (U3)								
U3	Spec	Mnth 1	Decrease	USD	495	450	220	200
U3	Hedge/Member	Mnth 1	Decrease	USD	450	450	200	200
U3	Spec	Mnth 2	Decrease	USD	330	300	165	150
U3	Hedge/Member	Mnth 2	Decrease	USD	300	300	150	150
NEPOOL NEW HAMP 5MW D AH PK (U2)								
U2	Spec	Mnth 1	Decrease	USD	8,250	7,500	3,850	3,500
U2	Hedge/Member	Mnth 1	Decrease	USD	7,500	7,500	3,500	3,500
U2	Spec	Mnth 2	Decrease	USD	7,425	6,750	3,300	3,000
U2	Hedge/Member	Mnth 2	Decrease	USD	6,750	6,750	3,000	3,000
U2	Spec	Mnths 3-11	Increase	USD	1,320	1,200	2,200	2,000
U2	Hedge/Member	Mnths 3-11	Increase	USD	1,200	1,200	2,000	2,000

SPAN MINIMUM PERFORMANCE BOND REQUIREMENTS

CC	Rate Type	Description	Change	ISO	Current Initial	Current Maintenance	New Initial	New Maintenance
Outright Rates								
NEPOOL RHD ISLD 5MW D AH PK (U4)								
U4	Spec	Mnth 1	Decrease	USD	7,425	6,750	2,200	2,000
U4	Hedge/Member	Mnth 1	Decrease	USD	6,750	6,750	2,000	2,000
U4	Spec	Mnth 2	Decrease	USD	6,600	6,000	1,650	1,500
U4	Hedge/Member	Mnth 2	Decrease	USD	6,000	6,000	1,500	1,500
U4	Spec	Mnths 3-11	Decrease	USD	1,320	1,200	770	700
U4	Hedge/Member	Mnths 3-11	Decrease	USD	1,200	1,200	700	700
NEPOOL RHODE IL 5MW D AH O PK (U5)								
U5	Spec	Mnth 1	Decrease	USD	275	250	220	200
U5	Hedge/Member	Mnth 1	Decrease	USD	250	250	200	200
U5	Spec	Mnth 2	Decrease	USD	248	225	165	150
U5	Hedge/Member	Mnth 2	Decrease	USD	225	225	150	150
NEPOOL SE MASS 5MW D AH O PK (P5)								
P5	Spec	Mnth 1	Decrease	USD	330	300	165	150
P5	Hedge/Member	Mnth 1	Decrease	USD	300	300	150	150
P5	Spec	Mnth 2	Decrease	USD	220	200	83	75
P5	Hedge/Member	Mnth 2	Decrease	USD	200	200	75	75
P5	Spec	Mnths 3-11	Decrease	USD	55	50	28	25
P5	Hedge/Member	Mnths 3-11	Decrease	USD	50	50	25	25
P5	Spec	Mnths 12+	Decrease	USD	33	30	28	25
P5	Hedge/Member	Mnths 12+	Decrease	USD	30	30	25	25
NEPOOL SE MASS 5MW D AH PK (P4)								
P4	Spec	Mnth 1	Decrease	USD	5,500	5,000	2,200	2,000
P4	Hedge/Member	Mnth 1	Decrease	USD	5,000	5,000	2,000	2,000
P4	Spec	Mnth 2	Decrease	USD	2,475	2,250	825	750
P4	Hedge/Member	Mnth 2	Decrease	USD	2,250	2,250	750	750
P4	Spec	Mnths 3-11	Decrease	USD	1,320	1,200	550	500
P4	Hedge/Member	Mnths 3-11	Decrease	USD	1,200	1,200	500	500
NEPOOL W CNT MASS 5MW D AH O PK (L9)								
L9	Spec	Mnth 1	Decrease	USD	220	200	165	150
L9	Hedge/Member	Mnth 1	Decrease	USD	200	200	150	150
L9	Spec	Mnth 2	Decrease	USD	209	190	83	75
L9	Hedge/Member	Mnth 2	Decrease	USD	190	190	75	75
L9	Spec	Mnths 3-11	Decrease	USD	55	50	22	20
L9	Hedge/Member	Mnths 3-11	Decrease	USD	50	50	20	20
L9	Spec	Mnths 12+	Decrease	USD	55	50	22	20
L9	Hedge/Member	Mnths 12+	Decrease	USD	50	50	20	20

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	11,000	10,000	2,750	2,500
R6	Hedge/Member	Mnth 1	Decrease	USD	10,000	10,000	2,500	2,500
R6	Spec	Mnth 2	Decrease	USD	9,900	9,000	1,650	1,500
R6	Hedge/Member	Mnth 2	Decrease	USD	9,000	9,000	1,500	1,500
R6	Spec	Mnths 3-5	Decrease	USD	1,320	1,200	770	700
R6	Hedge/Member	Mnths 3-5	Decrease	USD	1,200	1,200	700	700
R6	Spec	Mnths 6-11	Decrease	USD	550	500	440	400
R6	Hedge/Member	Mnths 6-11	Decrease	USD	500	500	400	400
R6	Spec	Mnths +12	Decrease	USD	1,430	1,300	440	400
R6	Hedge/Member	Mnths +12	Decrease	USD	1,300	1,300	400	400
NEW ENGLAND HUB PEAK DAILY (CE)								
CE	Spec		Decrease	USD	22,000	20,000	11,000	10,000
CE	Hedge/Member		Decrease	USD	20,000	20,000	10,000	10,000
NEW YORK HUB ZONE J PEAK DAILY (JN)								
JN	Spec		Decrease	USD	13,200	12,000	9,900	9,000
JN	Hedge/Member		Decrease	USD	12,000	12,000	9,000	9,000
NORTHERN ILLINOIS HUB MONTHLY (UM)								
UM	Spec	Mnth 1	Decrease	USD	77,000	70,000	27,500	25,000
UM	Hedge/Member	Mnth 1	Decrease	USD	70,000	70,000	25,000	25,000
UM	Spec	Mnth 2	Decrease	USD	26,400	24,000	5,500	5,000
UM	Hedge/Member	Mnth 2	Decrease	USD	24,000	24,000	5,000	5,000
UM	Spec	Mnths 3-11	Decrease	USD	3,300	3,000	1,870	1,700
UM	Hedge/Member	Mnths 3-11	Decrease	USD	3,000	3,000	1,700	1,700
UM	Spec	Mnths 12+	Decrease	USD	3,135	2,850	1,650	1,500
UM	Hedge/Member	Mnths 12+	Decrease	USD	2,850	2,850	1,500	1,500
NORTHERN ILLINOIS OFF-PEAK MONTHLY (UO)								
UO	Spec	Mnth 1	Decrease	USD	22,000	20,000	3,850	3,500
UO	Hedge/Member	Mnth 1	Decrease	USD	20,000	20,000	3,500	3,500
UO	Spec	Mnth 2	Decrease	USD	22,000	20,000	3,300	3,000
UO	Hedge/Member	Mnth 2	Decrease	USD	20,000	20,000	3,000	3,000
UO	Spec	Mnths 3-11	Decrease	USD	3,850	3,500	2,200	2,000
UO	Hedge/Member	Mnths 3-11	Decrease	USD	3,500	3,500	2,000	2,000
UO	Spec	Mnths 12+	Decrease	USD	2,200	2,000	1,375	1,250
UO	Hedge/Member	Mnths 12+	Decrease	USD	2,000	2,000	1,250	1,250

SPAN MINIMUM PERFORMANCE BOND REQUIREMENTS

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

NYISO A (KA)

KA	Spec	Mnth 1	Decrease	USD	21,450	19,500	6,600	6,000
KA	Hedge/Member	Mnth 1	Decrease	USD	19,500	19,500	6,000	6,000
KA	Spec	Mnth 2	Decrease	USD	16,500	15,000	6,380	5,800
KA	Hedge/Member	Mnth 2	Decrease	USD	15,000	15,000	5,800	5,800
KA	Spec	Mnths 3-11	Decrease	USD	2,200	2,000	1,210	1,100
KA	Hedge/Member	Mnths 3-11	Decrease	USD	2,000	2,000	1,100	1,100
KA	Spec	Mnths 12+	Decrease	USD	1,870	1,700	880	800
KA	Hedge/Member	Mnths 12+	Decrease	USD	1,700	1,700	800	800

NYISO A OFF-PEAK (KB)

KB	Spec	Mnth 1	Decrease	USD	16,500	15,000	7,150	6,500
KB	Hedge/Member	Mnth 1	Decrease	USD	15,000	15,000	6,500	6,500
KB	Spec	Mnth 2	Decrease	USD	14,850	13,500	6,710	6,100
KB	Hedge/Member	Mnth 2	Decrease	USD	13,500	13,500	6,100	6,100
KB	Spec	Mnths 3-11	Decrease	USD	2,750	2,500	1,925	1,750
KB	Hedge/Member	Mnths 3-11	Decrease	USD	2,500	2,500	1,750	1,750
KB	Spec	Mnths 12+	Decrease	USD	2,200	2,000	1,650	1,500
KB	Hedge/Member	Mnths 12+	Decrease	USD	2,000	2,000	1,500	1,500

NYISO G (KG)

KG	Spec	Mnth 1	Decrease	USD	26,400	24,000	7,700	7,000
KG	Hedge/Member	Mnth 1	Decrease	USD	24,000	24,000	7,000	7,000
KG	Spec	Mnth 2	Decrease	USD	24,750	22,500	7,150	6,500
KG	Hedge/Member	Mnth 2	Decrease	USD	22,500	22,500	6,500	6,500
KG	Spec	Mnths 3-11	Decrease	USD	3,850	3,500	1,650	1,500
KG	Hedge/Member	Mnths 3-11	Decrease	USD	3,500	3,500	1,500	1,500
KG	Spec	Mnths 12+	Decrease	USD	3,300	3,000	1,375	1,250
KG	Hedge/Member	Mnths 12+	Decrease	USD	3,000	3,000	1,250	1,250

NYISO G OFF-PEAK (KH)

KH	Spec	Mnth 1	Decrease	USD	28,050	25,500	9,900	9,000
KH	Hedge/Member	Mnth 1	Decrease	USD	25,500	25,500	9,000	9,000
KH	Spec	Mnth 2	Decrease	USD	27,060	24,600	9,350	8,500
KH	Hedge/Member	Mnth 2	Decrease	USD	24,600	24,600	8,500	8,500
KH	Spec	Mnths 3-11	Decrease	USD	6,050	5,500	3,025	2,750
KH	Hedge/Member	Mnths 3-11	Decrease	USD	5,500	5,500	2,750	2,750
KH	Spec	Mnths 12+	Decrease	USD	4,675	4,250	2,860	2,600
KH	Hedge/Member	Mnths 12+	Decrease	USD	4,250	4,250	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								
NYISO J (KJ)								
KJ	Spec	Mnth 1	Decrease	USD	24,750	22,500	7,425	6,750
KJ	Hedge/Member	Mnth 1	Decrease	USD	22,500	22,500	6,750	6,750
KJ	Spec	Mnth 2	Decrease	USD	23,100	21,000	7,260	6,600
KJ	Hedge/Member	Mnth 2	Decrease	USD	21,000	21,000	6,600	6,600
KJ	Spec	Mnths 3-11	Decrease	USD	3,850	3,500	1,925	1,750
KJ	Hedge/Member	Mnths 3-11	Decrease	USD	3,500	3,500	1,750	1,750
KJ	Spec	Mnths 12+	Decrease	USD	3,850	3,500	1,430	1,300
KJ	Hedge/Member	Mnths 12+	Decrease	USD	3,500	3,500	1,300	1,300
NYISO J OFF-PEAK (KK)								
KK	Spec	Mnth 1	Decrease	USD	30,800	28,000	10,175	9,250
KK	Hedge/Member	Mnth 1	Decrease	USD	28,000	28,000	9,250	9,250
KK	Spec	Mnth 2	Decrease	USD	30,800	28,000	9,625	8,750
KK	Hedge/Member	Mnth 2	Decrease	USD	28,000	28,000	8,750	8,750
KK	Spec	Mnths 3-11	Decrease	USD	4,400	4,000	3,025	2,750
KK	Hedge/Member	Mnths 3-11	Decrease	USD	4,000	4,000	2,750	2,750
KK	Spec	Mnths 12+	Decrease	USD	4,675	4,250	2,475	2,250
KK	Hedge/Member	Mnths 12+	Decrease	USD	4,250	4,250	2,250	2,250
NYISO NYC IN-CITY CAPACITY CAL MO (NNC)								
NNC	Spec		Decrease	USD	12,100	11,000	8,800	8,000
NNC	Hedge/Member		Decrease	USD	11,000	11,000	8,000	8,000
NYISO REST OF STATE CAPACITY CAL MO (NRS)								
NRS	Spec	Mnth 1	Decrease	USD	13,200	12,000	9,900	9,000
NRS	Hedge/Member	Mnth 1	Decrease	USD	12,000	12,000	9,000	9,000
NRS	Spec	Mnths 2+	Decrease	USD	11,000	10,000	8,800	8,000
NRS	Hedge/Member	Mnths 2+	Decrease	USD	10,000	10,000	8,000	8,000
NYISO ZONE A 5MW D AH O PK (K4)								
K4	Spec	Mnth 1	Decrease	USD	132	120	39	35
K4	Hedge/Member	Mnth 1	Decrease	USD	120	120	35	35
K4	Spec	Mnth 2	Decrease	USD	83	75	33	30
K4	Hedge/Member	Mnth 2	Decrease	USD	75	75	30	30
K4	Spec	Mnths 3-11	Decrease	USD	22	20	11	10
K4	Hedge/Member	Mnths 3-11	Decrease	USD	20	20	10	10
K4	Spec	Mnths 12+	Decrease	USD	22	20	11	10
K4	Hedge/Member	Mnths 12+	Decrease	USD	20	20	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 A 5MW D AH PK (K3)								
K3	Spec	Mnth 1	Decrease	USD	4,290	3,900	1,320	1,200
K3	Hedge/Member	Mnth 1	Decrease	USD	3,900	3,900	1,200	1,200
K3	Spec	Mnth 2	Decrease	USD	3,300	3,000	1,276	1,160
K3	Hedge/Member	Mnth 2	Decrease	USD	3,000	3,000	1,160	1,160
K3	Spec	Mnths 3-11	Decrease	USD	440	400	242	220
K3	Hedge/Member	Mnths 3-11	Decrease	USD	400	400	220	220
K3	Spec	Mnths 12+	Decrease	USD	374	340	176	160
K3	Hedge/Member	Mnths 12+	Decrease	USD	340	340	160	160
NYISO ZONE A LBMP FUT (AN)								
AN	Spec		Decrease	USD	19,800	18,000	9,350	8,500
AN	Hedge/Member		Decrease	USD	18,000	18,000	8,500	8,500
NYISO ZONE C 5MW D AH O PK (A3)								
A3	Spec	Mnth 1	Decrease	USD	165	150	39	35
A3	Hedge/Member	Mnth 1	Decrease	USD	150	150	35	35
A3	Spec	Mnth 2	Decrease	USD	99	90	33	30
A3	Hedge/Member	Mnth 2	Decrease	USD	90	90	30	30
NYISO ZONE C 5MW D AH PK (Q5)								
Q5	Spec	Mnth 1	Decrease	USD	5,940	5,400	1,650	1,500
Q5	Hedge/Member	Mnth 1	Decrease	USD	5,400	5,400	1,500	1,500
Q5	Spec	Mnth 2	Decrease	USD	3,630	3,300	1,375	1,250
Q5	Hedge/Member	Mnth 2	Decrease	USD	3,300	3,300	1,250	1,250
Q5	Spec	Mnths 3-11	Decrease	USD	440	400	358	325
Q5	Hedge/Member	Mnths 3-11	Decrease	USD	400	400	325	325
NYISO ZONE E 5MW OFF- PK CAL MO FUT (58)								
58	Spec	Mnth 1	Decrease	USD	792	720	77	70
58	Hedge/Member	Mnth 1	Decrease	USD	720	720	70	70
58	Spec	Mnths 2-6	Decrease	USD	264	240	44	40
58	Hedge/Member	Mnths 2-6	Decrease	USD	240	240	40	40
NYISO ZONE E 5MW PK CAL MO FUT (55)								
55	Spec	Mnth 1	Decrease	USD	13,200	12,000	6,875	6,250
55	Hedge/Member	Mnth 1	Decrease	USD	12,000	12,000	6,250	6,250
55	Spec	Mnths 2-6	Decrease	USD	6,930	6,300	1,650	1,500
55	Hedge/Member	Mnths 2-6	Decrease	USD	6,300	6,300	1,500	1,500
55	Spec	Mnths 7-11	Decrease	USD	523	475	193	175
55	Hedge/Member	Mnths 7-11	Decrease	USD	475	475	175	175
55	Spec	Mnths 12+	Decrease	USD	523	475	193	175
55	Hedge/Member	Mnths 12+	Decrease	USD	475	475	175	175

SPAN MINIMUM PERFORMANCE BOND REQUIREMENTS

CC	Rate Type	Description	Change	ISO	Current Initial	Current Maintenance	New Initial	New Maintenance
Outright Rates								
NYISO ZONE F 5MW O PK FUT (4M)								
4M	Spec	Mnth 1	Decrease	USD	171	155	66	60
4M	Hedge/Member	Mnth 1	Decrease	USD	155	155	60	60
4M	Spec	Mnth 2	Decrease	USD	165	150	61	55
4M	Hedge/Member	Mnth 2	Decrease	USD	150	150	55	55
4M	Spec	Mnths 3-11	Decrease	USD	55	50	44	40
4M	Hedge/Member	Mnths 3-11	Decrease	USD	50	50	40	40
NYISO ZONE F 5MW PK FUT (4L)								
4L	Spec	Mnth 1	Decrease	USD	4,400	4,000	2,200	2,000
4L	Hedge/Member	Mnth 1	Decrease	USD	4,000	4,000	2,000	2,000
4L	Spec	Mnth 2	Decrease	USD	4,400	4,000	1,925	1,750
4L	Hedge/Member	Mnth 2	Decrease	USD	4,000	4,000	1,750	1,750
4L	Spec	Mnths 3-11	Decrease	USD	1,650	1,500	935	850
4L	Hedge/Member	Mnths 3-11	Decrease	USD	1,500	1,500	850	850
NYISO ZONE G 5MW D AH O PK (D2)								
D2	Spec	Mnth 1	Decrease	USD	198	180	61	55
D2	Hedge/Member	Mnth 1	Decrease	USD	180	180	55	55
D2	Spec	Mnth 2	Decrease	USD	165	150	44	40
D2	Hedge/Member	Mnth 2	Decrease	USD	150	150	40	40
NYISO ZONE G 5MW D AH PK (T3)								
T3	Spec	Mnth 1	Decrease	USD	5,280	4,800	1,540	1,400
T3	Hedge/Member	Mnth 1	Decrease	USD	4,800	4,800	1,400	1,400
T3	Spec	Mnth 2	Decrease	USD	4,950	4,500	1,430	1,300
T3	Hedge/Member	Mnth 2	Decrease	USD	4,500	4,500	1,300	1,300
T3	Spec	Mnths 3-11	Decrease	USD	770	700	330	300
T3	Hedge/Member	Mnths 3-11	Decrease	USD	700	700	300	300
T3	Spec	Mnths 12+	Decrease	USD	660	600	275	250
T3	Hedge/Member	Mnths 12+	Decrease	USD	600	600	250	250
NYISO ZONE G DA OP DAILY (ZGO)								
ZGO	Spec		Decrease	USD	605	550	330	300
ZGO	Hedge/Member		Decrease	USD	550	550	300	300
NYISO ZONE G DAY-AHEAD PK CAL DAY (GN)								
GN	Spec		Decrease	USD	22,000	20,000	9,900	9,000
GN	Hedge/Member		Decrease	USD	20,000	20,000	9,000	9,000

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

NYISO ZONE J 5MW D AH O PK (D4)

D4	Spec	Mnth 1	Decrease	USD	165	150	66	60
D4	Hedge/Member	Mnth 1	Decrease	USD	150	150	60	60
D4	Spec	Mnth 2	Decrease	USD	165	150	50	45
D4	Hedge/Member	Mnth 2	Decrease	USD	150	150	45	45

NYISO ZONE J 5MW D AH PK (D3)

D3	Spec	Mnth 1	Decrease	USD	4,950	4,500	1,485	1,350
D3	Hedge/Member	Mnth 1	Decrease	USD	4,500	4,500	1,350	1,350
D3	Spec	Mnth 2	Decrease	USD	4,620	4,200	1,452	1,320
D3	Hedge/Member	Mnth 2	Decrease	USD	4,200	4,200	1,320	1,320
D3	Spec	Mnths 3-11	Decrease	USD	770	700	385	350
D3	Hedge/Member	Mnths 3-11	Decrease	USD	700	700	350	350
D3	Spec	Mnths 12+	Decrease	USD	770	700	286	260
D3	Hedge/Member	Mnths 12+	Decrease	USD	700	700	260	260

NYISO ZONE J DA OP DAILY (ZJO)

ZJO	Spec		Decrease	USD	396	360	330	300
ZJO	Hedge/Member		Decrease	USD	360	360	300	300

ONTARIO OFF-PK CALENDAR DAY FUTURES (OFD)

OFD	Spec		Decrease	CAD	330	300	165	150
OFD	Hedge/Member		Decrease	CAD	300	300	150	150

ONTARIO OFF-PK CAL-MO FUTURES (OFM)

OFM	Spec	Mnth 1	Decrease	CAD	110	100	55	50
OFM	Hedge/Member	Mnth 1	Decrease	CAD	100	100	50	50
OFM	Spec	Mnth 2	Decrease	CAD	105	95	55	50
OFM	Hedge/Member	Mnth 2	Decrease	CAD	95	95	50	50

ONTARIO PEAK CAL-DAY FUTURES (OPD)

OPD	Spec		Decrease	CAD	8,140	7,400	5,500	5,000
OPD	Hedge/Member		Decrease	CAD	7,400	7,400	5,000	5,000

PALO VERDE DAY AHEAD PEAK DAILY FIX (VDP)

VDP	Spec	Mnth 1	Decrease	USD	2,750	2,500	2,475	2,250
VDP	Hedge/Member	Mnth 1	Decrease	USD	2,500	2,500	2,250	2,250
VDP	Spec	Mnths 2-3	Decrease	USD	2,750	2,500	2,475	2,250
VDP	Hedge/Member	Mnths 2-3	Decrease	USD	2,500	2,500	2,250	2,250

SPAN MINIMUM PERFORMANCE BOND REQUIREMENTS

CC	Rate Type	Description	Change	ISO	Current Initial	Current Maintenance	New Initial	New Maintenance
Outright Rates								
PJM AD HUB 5MW REAL TIME O PK (V3)								
V3	Spec	Mnth 1	Decrease	USD	110	100	44	40
V3	Hedge/Member	Mnth 1	Decrease	USD	100	100	40	40
V3	Spec	Mnth 2	Decrease	USD	83	75	22	20
V3	Hedge/Member	Mnth 2	Decrease	USD	75	75	20	20
V3	Spec	Mnths 3-11	Decrease	USD	22	20	17	15
V3	Hedge/Member	Mnths 3-11	Decrease	USD	20	20	15	15
PJM AD HUB 5MW REAL TIME PK (Z9)								
Z9	Spec	Mnth 1	Decrease	USD	3,630	3,300	1,540	1,400
Z9	Hedge/Member	Mnth 1	Decrease	USD	3,300	3,300	1,400	1,400
Z9	Spec	Mnth 2	Decrease	USD	3,025	2,750	660	600
Z9	Hedge/Member	Mnth 2	Decrease	USD	2,750	2,750	600	600
Z9	Spec	Mnths 3-11	Decrease	USD	440	400	220	200
Z9	Hedge/Member	Mnths 3-11	Decrease	USD	400	400	200	200
Z9	Spec	Mnths 12+	Decrease	USD	385	350	275	250
Z9	Hedge/Member	Mnths 12+	Decrease	USD	350	350	250	250
PJM AECO DA OFF-PEAK (X1)								
X1	Spec	Mnth 1	Decrease	USD	198	180	44	40
X1	Hedge/Member	Mnth 1	Decrease	USD	180	180	40	40
X1	Spec	Mnth 2	Decrease	USD	165	150	33	30
X1	Hedge/Member	Mnth 2	Decrease	USD	150	150	30	30
X1	Spec	Mnths 3-11	Decrease	USD	88	80	22	20
X1	Hedge/Member	Mnths 3-11	Decrease	USD	80	80	20	20
X1	Spec	Mnths 12+	Decrease	USD	66	60	17	15
X1	Hedge/Member	Mnths 12+	Decrease	USD	60	60	15	15
PJM AECO DA PEAK (Y1)								
Y1	Spec	Mnth 1	Decrease	USD	6,600	6,000	1,870	1,700
Y1	Hedge/Member	Mnth 1	Decrease	USD	6,000	6,000	1,700	1,700
Y1	Spec	Mnth 2	Decrease	USD	4,400	4,000	1,100	1,000
Y1	Hedge/Member	Mnth 2	Decrease	USD	4,000	4,000	1,000	1,000
Y1	Spec	Mnths 3-11	Decrease	USD	2,200	2,000	330	300
Y1	Hedge/Member	Mnths 3-11	Decrease	USD	2,000	2,000	300	300
Y1	Spec	Mnths 12+	Decrease	USD	1,650	1,500	275	250
Y1	Hedge/Member	Mnths 12+	Decrease	USD	1,500	1,500	250	250
PJM AEP DAYTON HUB DA PEAK DAILY (PAP)								
PAP	Spec		Decrease	USD	5,280	4,800	2,750	2,500
PAP	Hedge/Member		Decrease	USD	4,800	4,800	2,500	2,500

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 RT PK CALDAY 5MW (VD)								
VD	Spec		Decrease	USD	10,560	9,600	8,800	8,000
VD	Hedge/Member		Decrease	USD	9,600	9,600	8,000	8,000
PJM APS ZONE DA OFF-PEAK (W4)								
W4	Spec	Mnth 1	Decrease	USD	231	210	165	150
W4	Hedge/Member	Mnth 1	Decrease	USD	210	210	150	150
W4	Spec	Mnth 2	Decrease	USD	231	210	160	145
W4	Hedge/Member	Mnth 2	Decrease	USD	210	210	145	145
PJM APS ZONE DA PEAK (S4)								
S4	Spec	Mnth 1	Decrease	USD	8,250	7,500	4,950	4,500
S4	Hedge/Member	Mnth 1	Decrease	USD	7,500	7,500	4,500	4,500
PJM ASTI ZONE PEAK DA MO (MOD)								
MOD	Spec	Mnth 1	Decrease	USD	132	120	44	40
MOD	Hedge/Member	Mnth 1	Decrease	USD	120	120	40	40
MOD	Spec	Mnths 2-3	Decrease	USD	99	90	28	25
MOD	Hedge/Member	Mnths 2-3	Decrease	USD	90	90	25	25
MOD	Spec	Mnths 4-12	Decrease	USD	22	20	17	15
MOD	Hedge/Member	Mnths 4-12	Decrease	USD	20	20	15	15
PJM ATSI ZONE MONTHLY DAILY (MPD)								
MPD	Spec	Mnth 1	Decrease	USD	4,950	4,500	2,750	2,500
MPD	Hedge/Member	Mnth 1	Decrease	USD	4,500	4,500	2,500	2,500
MPD	Spec	Mnths 2-3	Decrease	USD	3,080	2,800	1,100	1,000
MPD	Hedge/Member	Mnths 2-3	Decrease	USD	2,800	2,800	1,000	1,000
PJM BGE DA OFF-PEAK (R3)								
R3	Spec	Mnth 1	Decrease	USD	231	210	66	60
R3	Hedge/Member	Mnth 1	Decrease	USD	210	210	60	60
R3	Spec	Mnth 2	Decrease	USD	171	155	44	40
R3	Hedge/Member	Mnth 2	Decrease	USD	155	155	40	40
R3	Spec	Mnths 3-11	Decrease	USD	28	25	22	20
R3	Hedge/Member	Mnths 3-11	Decrease	USD	25	25	20	20
R3	Spec	Mnths 12+	Decrease	USD	28	25	17	15
R3	Hedge/Member	Mnths 12+	Decrease	USD	25	25	15	15

SPAN MINIMUM PERFORMANCE BOND REQUIREMENTS

CC	Rate Type	Description	Change	ISO	Current Initial	Current Maintenance	New Initial	New Maintenance
Outright Rates								
PJM BGE DA PEAK (E3)								
E3	Spec	Mnth 1	Decrease	USD	6,600	6,000	220	200
E3	Hedge/Member	Mnth 1	Decrease	USD	6,000	6,000	200	200
E3	Spec	Mnth 2	Decrease	USD	2,640	2,400	880	800
E3	Hedge/Member	Mnth 2	Decrease	USD	2,400	2,400	800	800
E3	Spec	Mnths 3-11	Decrease	USD	770	700	440	400
E3	Hedge/Member	Mnths 3-11	Decrease	USD	700	700	400	400
E3	Spec	Mnths 12+	Decrease	USD	990	900	330	300
E3	Hedge/Member	Mnths 12+	Decrease	USD	900	900	300	300
PJM COMED 5MW D AH O PK (D9)								
D9	Spec	Mnth 1	Decrease	USD	55	50	33	30
D9	Hedge/Member	Mnth 1	Decrease	USD	50	50	30	30
D9	Spec	Mnth 2	Decrease	USD	50	45	22	20
D9	Hedge/Member	Mnth 2	Decrease	USD	45	45	20	20
D9	Spec	Mnths 12+	Decrease	USD	28	25	22	20
D9	Hedge/Member	Mnths 12+	Decrease	USD	25	25	20	20
PJM COMED 5MW D AH PK (D8)								
D8	Spec	Mnth 1	Decrease	USD	1,870	1,700	770	700
D8	Hedge/Member	Mnth 1	Decrease	USD	1,700	1,700	700	700
D8	Spec	Mnth 2	Decrease	USD	1,540	1,400	660	600
D8	Hedge/Member	Mnth 2	Decrease	USD	1,400	1,400	600	600
D8	Spec	Mnths 3-11	Decrease	USD	385	350	220	200
D8	Hedge/Member	Mnths 3-11	Decrease	USD	350	350	200	200
D8	Spec	Mnths 12+	Decrease	USD	303	275	193	175
D8	Hedge/Member	Mnths 12+	Decrease	USD	275	275	175	175
PJM DAILY (JD)								
JD	Spec	Days 1-6	Decrease	USD	38,500	35,000	16,500	15,000
JD	Hedge/Member	Days 1-6	Decrease	USD	35,000	35,000	15,000	15,000
JD	Spec	Days 7-14	Decrease	USD	23,100	21,000	15,400	14,000
JD	Hedge/Member	Days 7-14	Decrease	USD	21,000	21,000	14,000	14,000
JD	Spec	Days 15+	Decrease	USD	19,800	18,000	14,300	13,000
JD	Hedge/Member	Days 15+	Decrease	USD	18,000	18,000	13,000	13,000

SPAN MINIMUM PERFORMANCE BOND REQUIREMENTS

CC	Rate Type	Description	Change	ISO	Current Initial	Current Maintenance	New Initial	New Maintenance
Outright Rates								
PJM DAYTON DA OFF-PEAK (R7)								
R7	Spec	Mnth 1	Decrease	USD	66	60	33	30
R7	Hedge/Member	Mnth 1	Decrease	USD	60	60	30	30
R7	Spec	Mnth 2	Decrease	USD	50	45	22	20
R7	Hedge/Member	Mnth 2	Decrease	USD	45	45	20	20
R7	Spec	Mnths 3-11	Decrease	USD	17	15	11	10
R7	Hedge/Member	Mnths 3-11	Decrease	USD	15	15	10	10
PJM DAYTON DA PEAK (D7)								
D7	Spec	Mnth 1	Decrease	USD	2,640	2,400	880	800
D7	Hedge/Member	Mnth 1	Decrease	USD	2,400	2,400	800	800
D7	Spec	Mnth 2	Decrease	USD	1,540	1,400	660	600
D7	Hedge/Member	Mnth 2	Decrease	USD	1,400	1,400	600	600
D7	Spec	Mnths 3-11	Decrease	USD	330	300	220	200
D7	Hedge/Member	Mnths 3-11	Decrease	USD	300	300	200	200
D7	Spec	Mnths 12+	Decrease	USD	303	275	193	175
D7	Hedge/Member	Mnths 12+	Decrease	USD	275	275	175	175
PJM DPL DA OFF-PEAK (E8)								
E8	Spec	Mnth 1	Decrease	USD	138	125	50	45
E8	Hedge/Member	Mnth 1	Decrease	USD	125	125	45	45
E8	Spec	Mnth 2	Decrease	USD	83	75	28	25
E8	Hedge/Member	Mnth 2	Decrease	USD	75	75	25	25
E8	Spec	Mnths 3-11	Decrease	USD	50	45	22	20
E8	Hedge/Member	Mnths 3-11	Decrease	USD	45	45	20	20
E8	Spec	Mnths 12+	Decrease	USD	28	25	17	15
E8	Hedge/Member	Mnths 12+	Decrease	USD	25	25	15	15
PJM DPL DA PEAK (L8)								
L8	Spec	Mnth 1	Decrease	USD	5,500	5,000	1,980	1,800
L8	Hedge/Member	Mnth 1	Decrease	USD	5,000	5,000	1,800	1,800
L8	Spec	Mnth 2	Decrease	USD	3,300	3,000	880	800
L8	Hedge/Member	Mnth 2	Decrease	USD	3,000	3,000	800	800
L8	Spec	Mnths 3-11	Decrease	USD	660	600	330	300
L8	Hedge/Member	Mnths 3-11	Decrease	USD	600	600	300	300
L8	Spec	Mnths 12+	Decrease	USD	660	600	303	275
L8	Hedge/Member	Mnths 12+	Decrease	USD	600	600	275	275

SPAN MINIMUM PERFORMANCE BOND REQUIREMENTS

CC	Rate Type	Description	Change	ISO	Current Initial	Current Maintenance	New Initial	New Maintenance
Outright Rates								
PJM DUQUESNE 5MW D AH PK (D5)								
D5	Spec	Mnth 1	Decrease	USD	1,980	1,800	660	600
D5	Hedge/Member	Mnth 1	Decrease	USD	1,800	1,800	600	600
D5	Spec	Mnth 2	Decrease	USD	1,650	1,500	605	550
D5	Hedge/Member	Mnth 2	Decrease	USD	1,500	1,500	550	550
D5	Spec	Mnths 3-11	Decrease	USD	440	400	220	200
D5	Hedge/Member	Mnths 3-11	Decrease	USD	400	400	200	200
PJM DUQUS 5MW D AH O PK (D6)								
D6	Spec	Mnth 1	Decrease	USD	66	60	39	35
D6	Hedge/Member	Mnth 1	Decrease	USD	60	60	35	35
D6	Spec	Mnth 2	Decrease	USD	55	50	28	25
D6	Hedge/Member	Mnth 2	Decrease	USD	50	50	25	25
D6	Spec	Mnths 3-11	Decrease	USD	22	20	17	15
D6	Hedge/Member	Mnths 3-11	Decrease	USD	20	20	15	15
D6	Spec	Mnths 12+	Decrease	USD	22	20	17	15
D6	Hedge/Member	Mnths 12+	Decrease	USD	20	20	15	15
PJM JCPL DA PEAK (J2)								
J2	Spec	Mnth 1	Decrease	USD	6,820	6,200	2,200	2,000
J2	Hedge/Member	Mnth 1	Decrease	USD	6,200	6,200	2,000	2,000
J2	Spec	Mnth 2	Decrease	USD	3,850	3,500	1,100	1,000
J2	Hedge/Member	Mnth 2	Decrease	USD	3,500	3,500	1,000	1,000
J2	Spec	Mnths 3-11	Decrease	USD	1,320	1,200	550	500
J2	Hedge/Member	Mnths 3-11	Decrease	USD	1,200	1,200	500	500
J2	Spec	Mnths 12+	Decrease	USD	1,100	1,000	440	400
J2	Hedge/Member	Mnths 12+	Decrease	USD	1,000	1,000	400	400
PJM METED ZONE OFFPK CAL MO LMP FUT (46)								
46	Spec	Mnth 1	Decrease	USD	198	180	44	40
46	Hedge/Member	Mnth 1	Decrease	USD	180	180	40	40
46	Spec	Mnth 2	Decrease	USD	99	90	33	30
46	Hedge/Member	Mnth 2	Decrease	USD	90	90	30	30
46	Spec	Mnths 3-11	Decrease	USD	88	80	28	25
46	Hedge/Member	Mnths 3-11	Decrease	USD	80	80	25	25
46	Spec	Mnths 12+	Decrease	USD	28	25	22	20
46	Hedge/Member	Mnths 12+	Decrease	USD	25	25	20	20

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 1	Decrease	USD	7,150	6,500	2,310	2,100
47	Hedge/Member	Mnth 1	Decrease	USD	6,500	6,500	2,100	2,100
47	Spec	Mnth 2	Decrease	USD	4,620	4,200	990	900
47	Hedge/Member	Mnth 2	Decrease	USD	4,200	4,200	900	900
47	Spec	Mnths 3-11	Decrease	USD	1,540	1,400	385	350
47	Hedge/Member	Mnths 3-11	Decrease	USD	1,400	1,400	350	350
47	Spec	Mnths 12+	Decrease	USD	1,100	1,000	220	200
47	Hedge/Member	Mnths 12+	Decrease	USD	1,000	1,000	200	200

PJM MONTHLY (JM)

JM	Spec	Mnth 1	Decrease	USD	132,000	120,000	50,600	46,000
JM	Hedge/Member	Mnth 1	Decrease	USD	120,000	120,000	46,000	46,000
JM	Spec	Mnth 2	Decrease	USD	55,000	50,000	7,150	6,500
JM	Hedge/Member	Mnth 2	Decrease	USD	50,000	50,000	6,500	6,500
JM	Spec	Mnths 3-11	Decrease	USD	6,050	5,500	2,750	2,500
JM	Hedge/Member	Mnths 3-11	Decrease	USD	5,500	5,500	2,500	2,500
JM	Spec	Mnths 12-23	Decrease	USD	5,500	5,000	2,200	2,000
JM	Hedge/Member	Mnths 12-23	Decrease	USD	5,000	5,000	2,000	2,000
JM	Spec	Mnths 24+	Decrease	USD	4,950	4,500	1,925	1,750
JM	Hedge/Member	Mnths 24+	Decrease	USD	4,500	4,500	1,750	1,750

PJM N ILLINOIS HUB RT PK CAL DAY5MW (UD)

UD	Spec		Decrease	USD	10,560	9,600	7,700	7,000
UD	Hedge/Member		Decrease	USD	9,600	9,600	7,000	7,000

PJM NI HUB 5MW REAL TIME O PK (B6)

B6	Spec	Mnth 1	Decrease	USD	55	50	39	35
B6	Hedge/Member	Mnth 1	Decrease	USD	50	50	35	35
B6	Spec	Mnth 2	Decrease	USD	44	40	28	25
B6	Hedge/Member	Mnth 2	Decrease	USD	40	40	25	25
B6	Spec	Mnths 3-11	Decrease	USD	22	20	17	15
B6	Hedge/Member	Mnths 3-11	Decrease	USD	20	20	15	15
B6	Spec	Mnths 12+	Decrease	USD	28	25	17	15
B6	Hedge/Member	Mnths 12+	Decrease	USD	25	25	15	15

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	4,400	4,000	1,760	1,600
B3	Hedge/Member	Mnth 1	Decrease	USD	4,000	4,000	1,600	1,600
B3	Spec	Mnth 2	Decrease	USD	2,475	2,250	660	600
B3	Hedge/Member	Mnth 2	Decrease	USD	2,250	2,250	600	600
B3	Spec	Mnths 3-11	Decrease	USD	440	400	220	200
B3	Hedge/Member	Mnths 3-11	Decrease	USD	400	400	200	200
B3	Spec	Mnths 12+	Decrease	USD	440	400	193	175
B3	Hedge/Member	Mnths 12+	Decrease	USD	400	400	175	175

PJM NILL DA OFF-PEAK (L3)

L3	Spec	Mnth 1	Decrease	USD	66	60	33	30
L3	Hedge/Member	Mnth 1	Decrease	USD	60	60	30	30
L3	Spec	Mnth 2	Decrease	USD	55	50	28	25
L3	Hedge/Member	Mnth 2	Decrease	USD	50	50	25	25
L3	Spec	Mnths 12+	Decrease	USD	28	25	22	20
L3	Hedge/Member	Mnths 12+	Decrease	USD	25	25	20	20

PJM NILL DA PEAK (N3)

N3	Spec	Mnth 1	Decrease	USD	2,420	2,200	880	800
N3	Hedge/Member	Mnth 1	Decrease	USD	2,200	2,200	800	800
N3	Spec	Mnth 2	Decrease	USD	2,090	1,900	660	600
N3	Hedge/Member	Mnth 2	Decrease	USD	1,900	1,900	600	600
N3	Spec	Mnths 3-11	Decrease	USD	303	275	220	200
N3	Hedge/Member	Mnths 3-11	Decrease	USD	275	275	200	200
N3	Spec	Mnths 12+	Decrease	USD	248	225	193	175
N3	Hedge/Member	Mnths 12+	Decrease	USD	225	225	175	175

PJM NORTERN ILL HUB DA OP DAILY (PNO)

PNO	Spec		Decrease	USD	165	150	77	70
PNO	Hedge/Member		Decrease	USD	150	150	70	70

PJM NORTERN ILL HUB DA PEAK DAILY (PNP)

PNP	Spec		Decrease	USD	4,950	4,500	2,530	2,300
PNP	Hedge/Member		Decrease	USD	4,500	4,500	2,300	2,300

SPAN MINIMUM PERFORMANCE BOND REQUIREMENTS

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

PJM OFF-PEAK LMP FUT (JP)

JP	Spec	Mnth 1	Decrease	USD	27,500	25,000	5,500	5,000
JP	Hedge/Member	Mnth 1	Decrease	USD	25,000	25,000	5,000	5,000
JP	Spec	Mnth 2	Decrease	USD	27,500	25,000	3,300	3,000
JP	Hedge/Member	Mnth 2	Decrease	USD	25,000	25,000	3,000	3,000
JP	Spec	Mnths 3-11	Decrease	USD	3,300	3,000	1,925	1,750
JP	Hedge/Member	Mnths 3-11	Decrease	USD	3,000	3,000	1,750	1,750
JP	Spec	Mnths 12+	Decrease	USD	2,310	2,100	1,100	1,000
JP	Hedge/Member	Mnths 12+	Decrease	USD	2,100	2,100	1,000	1,000

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

4P	Spec	Mnth 1	Decrease	USD	165	150	44	40
4P	Hedge/Member	Mnth 1	Decrease	USD	150	150	40	40
4P	Spec	Mnth 2	Decrease	USD	99	90	33	30
4P	Hedge/Member	Mnth 2	Decrease	USD	90	90	30	30
4P	Spec	Mnths 3-11	Decrease	USD	99	90	28	25
4P	Hedge/Member	Mnths 3-11	Decrease	USD	90	90	25	25

PJM PECO Z5 MW PK CLM DA LMP (4N)

4N	Spec	Mnth 1	Decrease	USD	7,150	6,500	1,870	1,700
4N	Hedge/Member	Mnth 1	Decrease	USD	6,500	6,500	1,700	1,700
4N	Spec	Mnth 2	Decrease	USD	4,620	4,200	880	800
4N	Hedge/Member	Mnth 2	Decrease	USD	4,200	4,200	800	800
4N	Spec	Mnths 3-11	Decrease	USD	1,100	1,000	440	400
4N	Hedge/Member	Mnths 3-11	Decrease	USD	1,000	1,000	400	400
4N	Spec	Mnths 12+	Decrease	USD	1,650	1,500	550	500
4N	Hedge/Member	Mnths 12+	Decrease	USD	1,500	1,500	500	500

PJM PENELEC ZONE PK CAL LMP FUT (49)

49	Spec	Mnth 1	Increase	USD	440	400	1,320	1,200
49	Hedge/Member	Mnth 1	Increase	USD	400	400	1,200	1,200
49	Spec	Mnth 2	Increase	USD	330	300	660	600
49	Hedge/Member	Mnth 2	Increase	USD	300	300	600	600
49	Spec	Mnths 3-11	Increase	USD	220	200	440	400
49	Hedge/Member	Mnths 3-11	Increase	USD	200	200	400	400
49	Spec	Mnths 12+	Increase	USD	165	150	330	300
49	Hedge/Member	Mnths 12+	Increase	USD	150	150	300	300

SPAN MINIMUM PERFORMANCE BOND REQUIREMENTS

CC	Rate Type	Description	Change	ISO	Current Initial	Current Maintenance	New Initial	New Maintenance
Outright Rates								
PJM PEPCO DA PEAK (R8)								
R8	Spec	Mnth 1	Decrease	USD	6,600	6,000	1,650	1,500
R8	Hedge/Member	Mnth 1	Decrease	USD	6,000	6,000	1,500	1,500
R8	Spec	Mnth 2	Decrease	USD	3,850	3,500	880	800
R8	Hedge/Member	Mnth 2	Decrease	USD	3,500	3,500	800	800
PJM PPL DA OFF-PEAK (F5)								
F5	Spec	Mnth 1	Decrease	USD	385	350	55	50
F5	Hedge/Member	Mnth 1	Decrease	USD	350	350	50	50
F5	Spec	Mnth 2	Decrease	USD	165	150	44	40
F5	Hedge/Member	Mnth 2	Decrease	USD	150	150	40	40
F5	Spec	Mnths 3-11	Decrease	USD	39	35	28	25
F5	Hedge/Member	Mnths 3-11	Decrease	USD	35	35	25	25
F5	Spec	Mnths 12+	Decrease	USD	28	25	22	20
F5	Hedge/Member	Mnths 12+	Decrease	USD	25	25	20	20
PJM PPL DA PEAK (L5)								
L5	Spec	Mnth 1	Decrease	USD	7,150	6,500	2,200	2,000
L5	Hedge/Member	Mnth 1	Decrease	USD	6,500	6,500	2,000	2,000
L5	Spec	Mnth 2	Decrease	USD	3,850	3,500	880	800
L5	Hedge/Member	Mnth 2	Decrease	USD	3,500	3,500	800	800
L5	Spec	Mnths 3-11	Decrease	USD	550	500	330	300
L5	Hedge/Member	Mnths 3-11	Decrease	USD	500	500	300	300
L5	Spec	Mnths 12+	Decrease	USD	660	600	303	275
L5	Hedge/Member	Mnths 12+	Decrease	USD	600	600	275	275
PJM PSEG DA OFF-PEAK (W6)								
W6	Spec	Mnth 1	Decrease	USD	220	200	83	75
W6	Hedge/Member	Mnth 1	Decrease	USD	200	200	75	75
W6	Spec	Mnth 2	Decrease	USD	198	180	44	40
W6	Hedge/Member	Mnth 2	Decrease	USD	180	180	40	40
W6	Spec	Mnths 3-11	Decrease	USD	187	170	22	20
W6	Hedge/Member	Mnths 3-11	Decrease	USD	170	170	20	20
W6	Spec	Mnths 12+	Decrease	USD	138	125	17	15
W6	Hedge/Member	Mnths 12+	Decrease	USD	125	125	15	15

SPAN MINIMUM PERFORMANCE BOND REQUIREMENTS

CC	Rate Type	Description	Change	ISO	Current Initial	Current Maintenance	New Initial	New Maintenance
Outright Rates								
PJM PSEG DA PEAK (L6)								
L6	Spec	Mnth 1	Decrease	USD	7,810	7,100	2,750	2,500
L6	Hedge/Member	Mnth 1	Decrease	USD	7,100	7,100	2,500	2,500
L6	Spec	Mnth 2	Decrease	USD	4,400	4,000	880	800
L6	Hedge/Member	Mnth 2	Decrease	USD	4,000	4,000	800	800
L6	Spec	Mnths 3-11	Decrease	USD	4,125	3,750	440	400
L6	Hedge/Member	Mnths 3-11	Decrease	USD	3,750	3,750	400	400
L6	Spec	Mnths 12+	Decrease	USD	2,310	2,100	550	500
L6	Hedge/Member	Mnths 12+	Decrease	USD	2,100	2,100	500	500
PJM WES HUB PEAK CAL MON REAL TIME (L1)								
L1	Spec	Mth 1	Decrease	USD	8,800	8,000	2,860	2,600
L1	Hedge/Member	Mth 1	Decrease	USD	8,000	8,000	2,600	2,600
L1	Spec	Mnth 2	Decrease	USD	5,445	4,950	770	700
L1	Hedge/Member	Mnth 2	Decrease	USD	4,950	4,950	700	700
L1	Spec	Mnths 3-11	Decrease	USD	385	350	220	200
L1	Hedge/Member	Mnths 3-11	Decrease	USD	350	350	200	200
L1	Spec	Mnths 12+	Decrease	USD	550	500	193	175
L1	Hedge/Member	Mnths 12+	Decrease	USD	500	500	175	175
PJM WES HUB PEAK LMP 50 MW (4S)								
4S	Spec	Mth 1	Decrease	USD	88,000	80,000	28,600	26,000
4S	Hedge/Member	Mth 1	Decrease	USD	80,000	80,000	26,000	26,000
4S	Spec	Mnth 2	Decrease	USD	54,450	49,500	7,700	7,000
4S	Hedge/Member	Mnth 2	Decrease	USD	49,500	49,500	7,000	7,000
4S	Spec	Mnths 3-11	Decrease	USD	3,850	3,500	2,200	2,000
4S	Hedge/Member	Mnths 3-11	Decrease	USD	3,500	3,500	2,000	2,000
4S	Spec	Mnths 12+	Decrease	USD	5,500	5,000	1,925	1,750
4S	Hedge/Member	Mnths 12+	Decrease	USD	5,000	5,000	1,750	1,750
PJM WESTERN HUB DA OP DAILY FUT (PWO)								
PWO	Spec		Decrease	USD	660	600	165	150
PWO	Hedge/Member		Decrease	USD	600	600	150	150
PJM WESTERN HUB DA PEAK DAILY (PWP)								
PWP	Spec		Decrease	USD	19,800	18,000	1,650	1,500
PWP	Hedge/Member		Decrease	USD	18,000	18,000	1,500	1,500
PJM WESTERN HUB RT OP DAILY (WOR)								
WOR	Spec		Decrease	USD	2,200	2,000	286	260
WOR	Hedge/Member		Decrease	USD	2,000	2,000	260	260

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	138	125	44	40
E4	Hedge/Member	Mnth 1	Decrease	USD	125	125	40	40
E4	Spec	Mnth 2	Decrease	USD	99	90	33	30
E4	Hedge/Member	Mnth 2	Decrease	USD	90	90	30	30
E4	Spec	Mnths 3-11	Decrease	USD	22	20	17	15
E4	Hedge/Member	Mnths 3-11	Decrease	USD	20	20	15	15
E4	Spec	Mnths 12+	Decrease	USD	22	20	11	10
E4	Hedge/Member	Mnths 12+	Decrease	USD	20	20	10	10

PJM WESTH RT OFF-PEAK (N9)

N9	Spec	Mnth 1	Decrease	USD	193	175	55	50
N9	Hedge/Member	Mnth 1	Decrease	USD	175	175	50	50
N9	Spec	Mnth 2	Decrease	USD	171	155	33	30
N9	Hedge/Member	Mnth 2	Decrease	USD	155	155	30	30
N9	Spec	Mnths 3-11	Decrease	USD	22	20	17	15
N9	Hedge/Member	Mnths 3-11	Decrease	USD	20	20	15	15
N9	Spec	Mnths 12+	Decrease	USD	22	20	17	15
N9	Hedge/Member	Mnths 12+	Decrease	USD	20	20	15	15

PJM WESTHDA PEAK (J4)

J4	Spec	Mnth 1	Decrease	USD	8,250	7,500	2,200	2,000
J4	Hedge/Member	Mnth 1	Decrease	USD	7,500	7,500	2,000	2,000
J4	Spec	Mnth 2	Decrease	USD	3,300	3,000	825	750
J4	Hedge/Member	Mnth 2	Decrease	USD	3,000	3,000	750	750
J4	Spec	Mnths 3-11	Decrease	USD	440	400	275	250
J4	Hedge/Member	Mnths 3-11	Decrease	USD	400	400	250	250
J4	Spec	Mnths 12+	Decrease	USD	605	550	220	200
J4	Hedge/Member	Mnths 12+	Decrease	USD	550	550	200	200

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

FX - Outright Rates

AD/JY FUTURES (AJ)

AJ	Spec		Decrease	JPY	643,500	585,000	577,500	525,000
AJ	Hedge/Member		Decrease	JPY	585,000	585,000	525,000	525,000

CZECH KORUNA FUTURES (CZ)

CZ	Spec		Decrease	USD	7,150	6,500	6,270	5,700
CZ	Hedge/Member		Decrease	USD	6,500	6,500	5,700	5,700

CZECH KORUNA/EURO FX FUTURES (K)

K	Spec		Decrease	EUR	2,750	2,500	2,200	2,000
K	Hedge/Member		Decrease	EUR	2,500	2,500	2,000	2,000

EURO FX/JY FUTURE (RY)

RY	Spec		Decrease	JPY	522,500	475,000	467,500	425,000
RY	Hedge/Member		Decrease	JPY	475,000	475,000	425,000	425,000

RU RUSSIAN RUBLE FUTURES (RU)

RU	Spec	Jan 14 - Dec 14	Increase	USD	4,400	4,000	5,280	4,800
RU	Hedge/Member	Jan 14 - Dec 14	Increase	USD	4,000	4,000	4,800	4,800
RU	Spec	Jan 17+	Increase	USD	13,200	12,000	15,400	14,000
RU	Hedge/Member	Jan 17+	Increase	USD	12,000	12,000	14,000	14,000

SFJY FUTURES (SJ)

SJ	Spec		Decrease	JPY	715,000	650,000	643,500	585,000
SJ	Hedge/Member		Decrease	JPY	650,000	650,000	585,000	585,000

SPAN MINIMUM PERFORMANCE BOND REQUIREMENTS

CC	Rate Type	Description	Change	ISO	Current Initial	Current Maintenance	New Initial	New Maintenance
Outright Rates								
NATURAL GAS - Outright Rates								
COLUMBIA GAS TCO (IFERC) FIXED (CFS)								
CFS	Spec	Mnths 2+	Decrease	USD	1,100	1,000	770	700
CFS	Hedge/Member	Mnths 2+	Decrease	USD	1,000	1,000	700	700
DOMINION (IFERC) FIXED PRICE FUT (DSF)								
DSF	Spec	Mnths 2+	Decrease	USD	1,210	1,100	880	800
DSF	Hedge/Member	Mnths 2+	Decrease	USD	1,100	1,100	800	800
E-MINI NATURAL GAS FUTURES (QG)								
QG	Spec	Mth 1	Decrease	USD	825	750	784	713
QG	Hedge/Member	Mth 1	Decrease	USD	750	750	713	713
HENRY HUB FUT (NN)								
NN	Spec	Mth 1	Decrease	USD	825	750	784	713
NN	Hedge/Member	Mth 1	Decrease	USD	750	750	713	713
HENRY HUB FUT TRADE AT SETTLEMENT (NNT)								
NNT	Spec	Mth 1	Decrease	USD	825	750	784	713
NNT	Hedge/Member	Mth 1	Decrease	USD	750	750	713	713
HENRY HUB IFERC FIXED PRICE FUT (HHS)								
HHS	Spec	Mnth 1	Decrease	USD	2,310	2,100	1,320	1,200
HHS	Hedge/Member	Mnth 1	Decrease	USD	2,100	2,100	1,200	1,200
HHS	Spec	Mnths 2	Decrease	USD	1,870	1,700	1,100	1,000
HHS	Hedge/Member	Mnths 2	Decrease	USD	1,700	1,700	1,000	1,000
HHS	Spec	Mnths 3+	Decrease	USD	990	900	770	700
HHS	Hedge/Member	Mnths 3+	Decrease	USD	900	900	700	700
HENRY HUB INDEX FUT (IN)								
IN	Spec	Mnth 1-2	Decrease	USD	1,540	1,400	1,100	1,000
IN	Hedge/Member	Mnth 1-2	Decrease	USD	1,400	1,400	1,000	1,000
IN	Spec	Mnth 3+	Decrease	USD	83	75	55	50
IN	Hedge/Member	Mnth 3+	Decrease	USD	75	75	50	50
HENRY HUB NAT GAS LAST DAY DELV (MNG)								
MNG	Spec	Mth 1	Decrease	USD	825	750	784	713
MNG	Hedge/Member	Mth 1	Decrease	USD	750	750	713	713
HENRY HUB PENULTIMATE (NP)								
NP	Spec	Mth 1	Decrease	USD	825	750	784	713
NP	Hedge/Member	Mth 1	Decrease	USD	750	750	713	713

SPAN MINIMUM PERFORMANCE BOND REQUIREMENTS

CC	Rate Type	Description	Change	ISO	Current Initial	Current Maintenance	New Initial	New Maintenance
Outright Rates								
HH TAS NYMEX NATURAL GAS FUTURES (HHT)								
HHT	Spec	Mth 1	Decrease	USD	3,300	3,000	3,135	2,850
HHT	Hedge/Member	Mth 1	Decrease	USD	3,000	3,000	2,850	2,850
MICHCON IFERC FIXED PRICE FUT (MFS)								
MFS	Spec	Mnths 1-2	Increase	USD	715	650	1,320	1,200
MFS	Hedge/Member	Mnths 1-2	Increase	USD	650	650	1,200	1,200
MFS	Spec	Mnths 3-5	Increase	USD	660	600	825	750
MFS	Hedge/Member	Mnths 3-5	Increase	USD	600	600	750	750
NATURAL GAS HENRY HUB FUTURE (NG)								
NG	Spec	Mth 1	Decrease	USD	3,300	3,000	3,135	2,850
NG	Hedge/Member	Mth 1	Decrease	USD	3,000	3,000	2,850	2,850
NATURAL GAS TRADE AT SETTLEMENT (NGT)								
NGT	Spec	Mth 1	Decrease	USD	3,300	3,000	3,135	2,850
NGT	Hedge/Member	Mth 1	Decrease	USD	3,000	3,000	2,850	2,850
NGPL MID-CON (IFERC) FIXED PRICE (NFS)								
NFS	Spec	Mth 1	Increase	USD	743	675	1,045	950
NFS	Hedge/Member	Mth 1	Increase	USD	675	675	950	950
NFS	Spec	Mth 2	Increase	USD	743	675	990	900
NFS	Hedge/Member	Mth 2	Increase	USD	675	675	900	900
NFS	Spec	Mths 3-6	Increase	USD	693	630	825	750
NFS	Hedge/Member	Mths 3-6	Increase	USD	630	630	750	750
NFS	Spec	Mths 13+	Decrease	USD	693	630	550	500
NFS	Hedge/Member	Mths 13+	Decrease	USD	630	630	500	500
NORTHERN ROCKIES PIPE FUT (XR)								
XR	Spec		Decrease	USD	1,540	1,400	1,155	1,050
XR	Hedge/Member		Decrease	USD	1,400	1,400	1,050	1,050
NYMEX NATURAL GAS (H.HUB LTD) FUT (HH)								
HH	Spec	Mth 1	Decrease	USD	3,300	3,000	3,135	2,850
HH	Hedge/Member	Mth 1	Decrease	USD	3,000	3,000	2,850	2,850
NYMEX NATURAL GAS FUTURES (HP)								
HP	Spec	Mth 1	Decrease	USD	3,300	3,000	3,135	2,850
HP	Hedge/Member	Mth 1	Decrease	USD	3,000	3,000	2,850	2,850
PANHANDLE PIPE FUT (XH)								
XH	Spec	Mnths 2+	Decrease	USD	990	900	825	750
XH	Hedge/Member	Mnths 2+	Decrease	USD	900	900	750	750

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

PERMIAN IFERC FIXED PRICE FUT (PFS)

PFS	Spec	Mnths 7-12	Decrease	USD	847	770	715	650
PFS	Hedge/Member	Mnths 7-12	Decrease	USD	770	770	650	650
PFS	Spec	Mnths 13+	Decrease	USD	847	770	550	500
PFS	Hedge/Member	Mnths 13+	Decrease	USD	770	770	500	500

SOCAL PIPE FUT (XN)

XN	Spec	Mnth 1	Decrease	USD	1,815	1,650	990	900
XN	Hedge/Member	Mnth 1	Decrease	USD	1,650	1,650	900	900
XN	Spec	Mnth 2	Decrease	USD	1,513	1,375	935	850
XN	Hedge/Member	Mnth 2	Decrease	USD	1,375	1,375	850	850
XN	Spec	Mnths 7-12	Decrease	USD	660	600	605	550
XN	Hedge/Member	Mnths 7-12	Decrease	USD	600	600	550	550

TRANSCO ZONE 6 PIPE FUT (XZ)

XZ	Spec	Mnth 1	Decrease	USD	13,200	12,000	6,050	5,500
XZ	Hedge/Member	Mnth 1	Decrease	USD	12,000	12,000	5,500	5,500
XZ	Spec	Mnth 2+	Decrease	USD	13,200	12,000	2,200	2,000
XZ	Hedge/Member	Mnth 2+	Decrease	USD	12,000	12,000	2,000	2,000

TRANSCO ZONE 6 PIPE SWAP (XZW)

XZW	Spec	Mnth 1	Decrease	USD	13,200	12,000	6,050	5,500
XZW	Hedge/Member	Mnth 1	Decrease	USD	12,000	12,000	5,500	5,500
XZW	Spec	Mnth 2+	Decrease	USD	13,200	12,000	2,200	2,000
XZW	Hedge/Member	Mnth 2+	Decrease	USD	12,000	12,000	2,000	2,000

WAHA IFERC FIXED PRICE FUT (WFS)

WFS	Spec	Mths 1	Increase	USD	743	675	880	800
WFS	Hedge/Member	Mths 1	Increase	USD	675	675	800	800
WFS	Spec	Mnths 2	Increase	USD	666	605	880	800
WFS	Hedge/Member	Mnths 2	Increase	USD	605	605	800	800
WFS	Spec	Mnths 3-6	Increase	USD	666	605	770	700
WFS	Hedge/Member	Mnths 3-6	Increase	USD	605	605	700	700
WFS	Spec	Mnths 13+	Decrease	USD	649	590	495	450
WFS	Hedge/Member	Mnths 13+	Decrease	USD	590	590	450	450

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 1	Decrease	USD	88,000	80,000	66,000	60,000
7E	Hedge/Member	Mnth 1	Decrease	USD	80,000	80,000	60,000	60,000
7E	Spec	Mnth 2+	Decrease	USD	60,500	55,000	44,000	40,000
7E	Hedge/Member	Mnth 2+	Decrease	USD	55,000	55,000	40,000	40,000
ARGUS PROPAN(SAUDI ARAMCO) FUT (9N)								
9N	Spec		Decrease	USD	66,000	60,000	52,800	48,000
9N	Hedge/Member		Decrease	USD	60,000	60,000	48,000	48,000
BUTANE 5 DECIMAL (D0)								
D0	Spec	Mth 1	Decrease	USD	4,400	4,000	3,300	3,000
D0	Hedge/Member	Mth 1	Decrease	USD	4,000	4,000	3,000	3,000
D0	Spec	Mnths 2-6	Decrease	USD	3,740	3,400	2,750	2,500
D0	Hedge/Member	Mnths 2-6	Decrease	USD	3,400	3,400	2,500	2,500
D0	Spec	Mnths 7+	Decrease	USD	3,025	2,750	2,475	2,250
D0	Hedge/Member	Mnths 7+	Decrease	USD	2,750	2,750	2,250	2,250
CONWAY NAT GASOLINE FUT (8L)								
8L	Spec		Decrease	USD	8,250	7,500	6,600	6,000
8L	Hedge/Member		Decrease	USD	7,500	7,500	6,000	6,000
CONWAY PROPANE 5 DEC. FUT (8K)								
8K	Spec	Mth 2	Decrease	USD	11,000	10,000	7,700	7,000
8K	Hedge/Member	Mth 2	Decrease	USD	10,000	10,000	7,000	7,000
8K	Spec	Mth 3+	Decrease	USD	7,700	7,000	5,500	5,000
8K	Hedge/Member	Mth 3+	Decrease	USD	7,000	7,000	5,000	5,000
ETHANE 5 DECIMAL (C0)								
C0	Spec	Mnths 1-3	Decrease	USD	1,650	1,500	1,100	1,000
C0	Hedge/Member	Mnths 1-3	Decrease	USD	1,500	1,500	1,000	1,000
C0	Spec	Mnths 4+	Decrease	USD	1,100	1,000	825	750
C0	Hedge/Member	Mnths 4+	Decrease	USD	1,000	1,000	750	750
EURO PROPANE CIF ARA FUT (PS)								
PS	Spec	Mnth 1	Decrease	USD	60,500	55,000	49,500	45,000
PS	Hedge/Member	Mnth 1	Decrease	USD	55,000	55,000	45,000	45,000
PS	Spec	Mths 2 - 3	Decrease	USD	55,000	50,000	44,000	40,000
PS	Hedge/Member	Mths 2 - 3	Decrease	USD	50,000	50,000	40,000	40,000
PS	Spec	Mths 4+	Decrease	USD	38,500	35,000	33,000	30,000
PS	Hedge/Member	Mths 4+	Decrease	USD	35,000	35,000	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								
HDPE HIGH DEN POLYETHYLENE CAL FUT (HPE)								
HPE	Spec	Mth 1	Increase	USD	3,575	3,250	6,600	6,000
HPE	Hedge/Member	Mth 1	Increase	USD	3,250	3,250	6,000	6,000
HPE	Spec	Mth 2+	New	USD			3,575	3,250
HPE	Hedge/Member	Mth 2+	New	USD			3,250	3,250
MIN ARGUS PROPANE SAUDI ARAMCO FUT (MAS)								
MAS	Spec		Decrease	USD	6,600	6,000	5,280	4,800
MAS	Hedge/Member		Decrease	USD	6,000	6,000	4,800	4,800
MINI ARGUS PROPANE FAR EAST IDX (MAE)								
MAE	Spec	Mnth 1	Decrease	USD	8,800	8,000	6,600	6,000
MAE	Hedge/Member	Mnth 1	Decrease	USD	8,000	8,000	6,000	6,000
MAE	Spec	Mnth 2+	Decrease	USD	6,050	5,500	4,400	4,000
MAE	Hedge/Member	Mnth 2+	Decrease	USD	5,500	5,500	4,000	4,000
MONT BELVIEU NAT GAS (OPIS) FUT (W3)								
W3	Spec	Mnth 1	Increase	USD	4,675	4,250	5,500	5,000
W3	Hedge/Member	Mnth 1	Increase	USD	4,250	4,250	5,000	5,000
MT BELVIEU ETHYLENE IN-WELL(PCW) (MBE)								
MBE	Spec		Decrease	USD	4,400	4,000	3,300	3,000
MBE	Hedge/Member		Decrease	USD	4,000	4,000	3,000	3,000
MT BELVIEU NAT GAS 5 D. OPIS (7Q)								
7Q	Spec	Mnth 1	Increase	USD	4,675	4,250	5,500	5,000
7Q	Hedge/Member	Mnth 1	Increase	USD	4,250	4,250	5,000	5,000
MT. BELVIEU ETHYLENE(PCW) FIN FUT (MBN)								
MBN	Spec		Decrease	USD	5,280	4,800	4,400	4,000
MBN	Hedge/Member		Decrease	USD	4,800	4,800	4,000	4,000
MT. BELVIEU MINI LDH PROPANE FUT (81)								
81	Spec	Mth 1	Decrease	USD	633	575	440	400
81	Hedge/Member	Mth 1	Decrease	USD	575	575	400	400
81	Spec	Mth 2-3	Decrease	USD	330	300	275	250
81	Hedge/Member	Mth 2-3	Decrease	USD	300	300	250	250
81	Spec	Mth 4+	New	USD			220	200
81	Hedge/Member	Mth 4+	New	USD			200	200
PGP POLYMER GRD PROPYLENE CAL FUT (PGP)								
PGP	Spec	Mth 1	Decrease	USD	9,350	8,500	7,150	6,500
PGP	Hedge/Member	Mth 1	Decrease	USD	8,500	8,500	6,500	6,500
PGP	Spec	Mth 2+	Decrease	USD	5,775	5,250	4,400	4,000
PGP	Hedge/Member	Mth 2+	Decrease	USD	5,250	5,250	4,000	4,000

SPAN MINIMUM PERFORMANCE BOND REQUIREMENTS

CC	Rate Type	Description	Change	ISO	Current Initial	Current Maintenance	New Initial	New Maintenance
Outright Rates								
PP POLYPROPYLENE(PCW) CAL FUT (PPP)								
PPP	Spec	Mth 1	Increase	USD	5,500	5,000	8,800	8,000
PPP	Hedge/Member	Mth 1	Increase	USD	5,000	5,000	8,000	8,000
PPP	Spec	Mth 2+	New	USD			5,500	5,000
PPP	Hedge/Member	Mth 2+	New	USD			5,000	5,000
PROPANE 5 DECIMAL (B0)								
B0	Spec	Mth 1	Decrease	USD	6,325	5,750	4,400	4,000
B0	Hedge/Member	Mth 1	Decrease	USD	5,750	5,750	4,000	4,000
B0	Spec	Mth 2-3	Decrease	USD	3,300	3,000	2,750	2,500
B0	Hedge/Member	Mth 2-3	Decrease	USD	3,000	3,000	2,500	2,500
B0	Spec	Mth 4+	New	USD			2,200	2,000
B0	Hedge/Member	Mth 4+	New	USD			2,000	2,000
PROPANE NON LDH MT BELVIEU (1R)								
1R	Spec	Mth 1	Decrease	USD	5,500	5,000	4,400	4,000
1R	Hedge/Member	Mth 1	Decrease	USD	5,000	5,000	4,000	4,000
1R	Spec	Mth 2+	Decrease	USD	4,400	4,000	3,300	3,000
1R	Hedge/Member	Mth 2+	Decrease	USD	4,000	4,000	3,000	3,000
PETROLEUM CRACKS AND SPREADS - Outright Rates								
SINGAPORE FUEL OIL SPREAD FUT (SD)								
SD	Spec	Mnths 5+	Increase	USD	2,200	2,000	2,750	2,500
SD	Hedge/Member	Mnths 5+	Increase	USD	2,000	2,000	2,500	2,500

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

REFINED PRODUCTS - Outright Rates

1% FUEL OIL (PLT) CARG CIF MED (1W)

1W	Spec		Increase	USD	23,100	21,000	28,600	26,000
1W	Hedge/Member		Increase	USD	21,000	21,000	26,000	26,000

EIA FLAT TAX ONHWAY DIESEL FUT (A5)

A5	Spec	Mnth 1	Decrease	USD	4,400	4,000	3,300	3,000
A5	Hedge/Member	Mnth 1	Decrease	USD	4,000	4,000	3,000	3,000
A5	Spec	Mnths 2-6	Decrease	USD	4,400	4,000	3,300	3,000
A5	Hedge/Member	Mnths 2-6	Decrease	USD	4,000	4,000	3,000	3,000
A5	Spec	Mnths 7+	Decrease	USD	3,300	3,000	2,750	2,500
A5	Hedge/Member	Mnths 7+	Decrease	USD	3,000	3,000	2,500	2,500

EUROPE 1% FUEL OIL NWE CALFUT (UF)

UF	Spec	Mnths 2-6	Decrease	USD	22,550	20,500	19,800	18,000
UF	Hedge/Member	Mnths 2-6	Decrease	USD	20,500	20,500	18,000	18,000
UF	Spec	Mnths 7+	Decrease	USD	20,350	18,500	17,600	16,000
UF	Hedge/Member	Mnths 7+	Decrease	USD	18,500	18,500	16,000	16,000

EUROPE 1% FUEL OIL RDAM CALFUT (UH)

UH	Spec	Mnth 1	Increase	USD	22,550	20,500	24,750	22,500
UH	Hedge/Member	Mnth 1	Increase	USD	20,500	20,500	22,500	22,500
UH	Spec	Mnth 2	New	USD			22,000	20,000
UH	Hedge/Member	Mnth 2	New	USD			20,000	20,000
UH	Spec	Mnths 3-7	New	USD			19,800	18,000
UH	Hedge/Member	Mnths 3-7	New	USD			18,000	18,000
UH	Spec	Mnths 8+	New	USD			16,500	15,000
UH	Hedge/Member	Mnths 8+	New	USD			15,000	15,000

EUROPE 3.5% FUEL OIL MED CALFUT (UI)

UI	Spec		Decrease	USD	22,000	20,000	18,700	17,000
UI	Hedge/Member		Decrease	USD	20,000	20,000	17,000	17,000

EUROPE 3.5% FUEL OIL RDAM CALFUT (UV)

UV	Spec	Mnths 11+	New	USD			9,900	9,000
UV	Hedge/Member	Mnths 11+	New	USD			9,000	9,000

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

EUROPE JET KERO NWE CALFUT (UJ)

UJ	Spec	Mths 1	Decrease	USD	34,100	31,000	33,000	30,000
UJ	Hedge/Member	Mths 1	Decrease	USD	31,000	31,000	30,000	30,000
UJ	Spec	Mths 2-6	Decrease	USD	34,100	31,000	33,000	30,000
UJ	Hedge/Member	Mths 2-6	Decrease	USD	31,000	31,000	30,000	30,000
UJ	Spec	Mnths 7+	Decrease	USD	31,900	29,000	29,700	27,000
UJ	Hedge/Member	Mnths 7+	Decrease	USD	29,000	29,000	27,000	27,000

EUROPEAN GASOIL ICE FUTURE (7F)

7F	Spec	Mnth 1	Decrease	USD	2,365	2,150	2,200	2,000
7F	Hedge/Member	Mnth 1	Decrease	USD	2,150	2,150	2,000	2,000
7F	Spec	Mnths 2-6	Decrease	USD	2,365	2,150	1,980	1,800
7F	Hedge/Member	Mnths 2-6	Decrease	USD	2,150	2,150	1,800	1,800
7F	Spec	Mnths 7-11	Decrease	USD	1,870	1,700	1,705	1,550
7F	Hedge/Member	Mnths 7-11	Decrease	USD	1,700	1,700	1,550	1,550
7F	Spec	Mnths 12+	Decrease	USD	1,870	1,700	1,595	1,450
7F	Hedge/Member	Mnths 12+	Decrease	USD	1,700	1,700	1,450	1,450

EUROPEAN GASOIL ICE TAS FUTURE (7FT)

7FT	Spec	Mnth 1	Decrease	USD	2,365	2,150	2,200	2,000
7FT	Hedge/Member	Mnth 1	Decrease	USD	2,150	2,150	2,000	2,000
7FT	Spec	Mnths 2-6	Decrease	USD	2,365	2,150	1,980	1,800
7FT	Hedge/Member	Mnths 2-6	Decrease	USD	2,150	2,150	1,800	1,800
7FT	Spec	Mnths 7-11	Decrease	USD	1,870	1,700	1,705	1,550
7FT	Hedge/Member	Mnths 7-11	Decrease	USD	1,700	1,700	1,550	1,550
7FT	Spec	Mnths 12+	Decrease	USD	1,870	1,700	1,595	1,450
7FT	Hedge/Member	Mnths 12+	Decrease	USD	1,700	1,700	1,450	1,450

GAS EURO-BOB OXY (ARG) NEW BRG (7H)

7H	Spec	Mnth 1	Decrease	USD	45,100	41,000	38,500	35,000
7H	Hedge/Member	Mnth 1	Decrease	USD	41,000	41,000	35,000	35,000
7H	Spec	Mnths 2-6	Decrease	USD	33,000	30,000	28,600	26,000
7H	Hedge/Member	Mnths 2-6	Decrease	USD	30,000	30,000	26,000	26,000
7H	Spec	Mnths 7+	Decrease	USD	33,000	30,000	28,600	26,000
7H	Hedge/Member	Mnths 7+	Decrease	USD	30,000	30,000	26,000	26,000

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

GASOIL BULLET FUT (BG)

BG	Spec	Mnth 1	Decrease	USD	23,650	21,500	22,000	20,000
BG	Hedge/Member	Mnth 1	Decrease	USD	21,500	21,500	20,000	20,000
BG	Spec	Mnths 2-6	Decrease	USD	23,650	21,500	19,800	18,000
BG	Hedge/Member	Mnths 2-6	Decrease	USD	21,500	21,500	18,000	18,000
BG	Spec	Mnths 7-11	Decrease	USD	18,700	17,000	17,050	15,500
BG	Hedge/Member	Mnths 7-11	Decrease	USD	17,000	17,000	15,500	15,500
BG	Spec	Mnths 12+	Decrease	USD	18,700	17,000	15,950	14,500
BG	Hedge/Member	Mnths 12+	Decrease	USD	17,000	17,000	14,500	14,500

GASOIL CALENDAR FUT (GX)

GX	Spec	Mth 1	Decrease	USD	23,650	21,500	22,000	20,000
GX	Hedge/Member	Mth 1	Decrease	USD	21,500	21,500	20,000	20,000
GX	Spec	Mnths 2-6	Decrease	USD	23,650	21,500	19,800	18,000
GX	Hedge/Member	Mnths 2-6	Decrease	USD	21,500	21,500	18,000	18,000
GX	Spec	Mnths 7-11	Decrease	USD	18,700	17,000	17,050	15,500
GX	Hedge/Member	Mnths 7-11	Decrease	USD	17,000	17,000	15,500	15,500
GX	Spec	Mnths 12+	Decrease	USD	18,700	17,000	15,950	14,500
GX	Hedge/Member	Mnths 12+	Decrease	USD	17,000	17,000	14,500	14,500

GASOIL MINI CALENDAR FUT (QA)

QA	Spec	Mth 1	Decrease	USD	2,365	2,150	2,200	2,000
QA	Hedge/Member	Mth 1	Decrease	USD	2,150	2,150	2,000	2,000
QA	Spec	Mnths 2-6	Decrease	USD	2,365	2,150	1,980	1,800
QA	Hedge/Member	Mnths 2-6	Decrease	USD	2,150	2,150	1,800	1,800
QA	Spec	Mnths 7-11	Decrease	USD	1,870	1,700	1,705	1,550
QA	Hedge/Member	Mnths 7-11	Decrease	USD	1,700	1,700	1,550	1,550
QA	Spec	Mnths 12+	Decrease	USD	1,870	1,700	1,595	1,450
QA	Hedge/Member	Mnths 12+	Decrease	USD	1,700	1,700	1,450	1,450

GROUP THREE ULSD (PLATTS) FUT (A7)

A7	Spec	Mnth 1	Decrease	USD	4,400	4,000	3,300	3,000
A7	Hedge/Member	Mnth 1	Decrease	USD	4,000	4,000	3,000	3,000
A7	Spec	Mnths 2-6	Decrease	USD	4,400	4,000	3,300	3,000
A7	Hedge/Member	Mnths 2-6	Decrease	USD	4,000	4,000	3,000	3,000
A7	Spec	Mnths 7+	Decrease	USD	3,850	3,500	3,300	3,000
A7	Hedge/Member	Mnths 7+	Decrease	USD	3,500	3,500	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								
GULF COAST GASOLINE CLNDR FUT (GS)								
GS	Spec	Mths 1	Decrease	USD	5,500	5,000	3,960	3,600
GS	Hedge/Member	Mths 1	Decrease	USD	5,000	5,000	3,600	3,600
GS	Spec	Mths 2	Decrease	USD	5,500	5,000	3,960	3,600
GS	Hedge/Member	Mths 2	Decrease	USD	5,000	5,000	3,600	3,600
GS	Spec	Mths 3+	Decrease	USD	4,950	4,500	3,520	3,200
GS	Hedge/Member	Mths 3+	Decrease	USD	4,500	4,500	3,200	3,200
GULF COAST JET FUEL CLNDR FUT (GE)								
GE	Spec	Mnth 1	Decrease	USD	4,400	4,000	4,180	3,800
GE	Hedge/Member	Mnth 1	Decrease	USD	4,000	4,000	3,800	3,800
GE	Spec	Mnths 2-6	Decrease	USD	3,850	3,500	3,630	3,300
GE	Hedge/Member	Mnths 2-6	Decrease	USD	3,500	3,500	3,300	3,300
GE	Spec	Mnths 7+	Decrease	USD	3,300	3,000	3,080	2,800
GE	Hedge/Member	Mnths 7+	Decrease	USD	3,000	3,000	2,800	2,800
GULF COAST NO.6 FUEL OIL 3.0%S FUT (MF)								
MF	Spec	Mnth 1	Decrease	USD	2,420	2,200	2,090	1,900
MF	Hedge/Member	Mnth 1	Decrease	USD	2,200	2,200	1,900	1,900
MF	Spec	Mnths 2-6	Decrease	USD	2,200	2,000	1,870	1,700
MF	Hedge/Member	Mnths 2-6	Decrease	USD	2,000	2,000	1,700	1,700
MF	Spec	Mnths 7+	Decrease	USD	1,980	1,800	1,650	1,500
MF	Hedge/Member	Mnths 7+	Decrease	USD	1,800	1,800	1,500	1,500
GULF COAST ULSD CALENDAR FUT (LY)								
LY	Spec	Mnth 1	Decrease	USD	4,400	4,000	3,850	3,500
LY	Hedge/Member	Mnth 1	Decrease	USD	4,000	4,000	3,500	3,500
LY	Spec	Mnths 2-6	Decrease	USD	3,960	3,600	3,300	3,000
LY	Hedge/Member	Mnths 2-6	Decrease	USD	3,600	3,600	3,000	3,000
LY	Spec	Mnths 7-12	Decrease	USD	3,850	3,500	2,750	2,500
LY	Hedge/Member	Mnths 7-12	Decrease	USD	3,500	3,500	2,500	2,500
LY	Spec	Mnths 13+	Decrease	USD	2,970	2,700	2,530	2,300
LY	Hedge/Member	Mnths 13+	Decrease	USD	2,700	2,700	2,300	2,300

SPAN MINIMUM PERFORMANCE BOND REQUIREMENTS

CC	Rate Type	Description	Change	ISO	Current Initial	Current Maintenance	New Initial	New Maintenance
Outright Rates								
HEATING OIL TAM PLATTS PRIC (HOS)								
HOS	Spec	Mth 1	Decrease	USD	4,015	3,650	3,465	3,150
HOS	Hedge/Member	Mth 1	Decrease	USD	3,650	3,650	3,150	3,150
HOS	Spec	Mth 2	Decrease	USD	4,015	3,650	3,465	3,150
HOS	Hedge/Member	Mth 2	Decrease	USD	3,650	3,650	3,150	3,150
HOS	Spec	Mnths 3-7	Decrease	USD	3,740	3,400	3,190	2,900
HOS	Hedge/Member	Mnths 3-7	Decrease	USD	3,400	3,400	2,900	2,900
HOS	Spec	Mnths 8-12	Decrease	USD	3,410	3,100	2,860	2,600
HOS	Hedge/Member	Mnths 8-12	Decrease	USD	3,100	3,100	2,600	2,600
HOS	Spec	Mnths 13+	Decrease	USD	3,190	2,900	2,640	2,400
HOS	Hedge/Member	Mnths 13+	Decrease	USD	2,900	2,900	2,400	2,400
HEATING OIL TAM PLATTS PRICE (HO4)								
HO4	Spec	Mth 1	Decrease	USD	4,015	3,650	3,465	3,150
HO4	Hedge/Member	Mth 1	Decrease	USD	3,650	3,650	3,150	3,150
HO4	Spec	Mth 2	Decrease	USD	4,015	3,650	3,465	3,150
HO4	Hedge/Member	Mth 2	Decrease	USD	3,650	3,650	3,150	3,150
HO4	Spec	Mnths 3-7	Decrease	USD	3,740	3,400	3,190	2,900
HO4	Hedge/Member	Mnths 3-7	Decrease	USD	3,400	3,400	2,900	2,900
HO4	Spec	Mnths 8-12	Decrease	USD	3,410	3,100	2,860	2,600
HO4	Hedge/Member	Mnths 8-12	Decrease	USD	3,100	3,100	2,600	2,600
HO4	Spec	Mnths 13+	Decrease	USD	3,190	2,900	2,640	2,400
HO4	Hedge/Member	Mnths 13+	Decrease	USD	2,900	2,900	2,400	2,400
JAPAN C&F NAPHTHA FUT (JA)								
JA	Spec	Mnth 1	Decrease	USD	28,600	26,000	25,300	23,000
JA	Hedge/Member	Mnth 1	Decrease	USD	26,000	26,000	23,000	23,000
JA	Spec	Mnths 2-6	Decrease	USD	28,600	26,000	25,300	23,000
JA	Hedge/Member	Mnths 2-6	Decrease	USD	26,000	26,000	23,000	23,000
JA	Spec	Mnths 7+	Decrease	USD	25,300	23,000	22,000	20,000
JA	Hedge/Member	Mnths 7+	Decrease	USD	23,000	23,000	20,000	20,000
JAPAN NAPHTHA BALMO FUT (E6)								
E6	Spec		Decrease	USD	55,000	50,000	33,000	30,000
E6	Hedge/Member		Decrease	USD	50,000	50,000	30,000	30,000
JET FUEL CARGOES CIF NEW BALMO (F3)								
F3	Spec		Decrease	USD	66,000	60,000	44,000	40,000
F3	Hedge/Member		Decrease	USD	60,000	60,000	40,000	40,000

SPAN MINIMUM PERFORMANCE BOND REQUIREMENTS

CC	Rate Type	Description	Change	ISO	Current Initial	Current Maintenance	New Initial	New Maintenance
Outright Rates								
LA CARB DIESEL (OPIS) (LX)								
LX	Spec	Mnth 1	Decrease	USD	4,400	4,000	4,070	3,700
LX	Hedge/Member	Mnth 1	Decrease	USD	4,000	4,000	3,700	3,700
LX	Spec	Mnths 2-6	Decrease	USD	4,400	4,000	4,070	3,700
LX	Hedge/Member	Mnths 2-6	Decrease	USD	4,000	4,000	3,700	3,700
LX	Spec	Mnths 7+	Decrease	USD	4,125	3,750	3,520	3,200
LX	Hedge/Member	Mnths 7+	Decrease	USD	3,750	3,750	3,200	3,200
MIN EUR 1% FUEL OIL CRGO FOBNWE FUT (0B)								
0B	Spec	Mnths 2-6	Decrease	USD	2,255	2,050	1,980	1,800
0B	Hedge/Member	Mnths 2-6	Decrease	USD	2,050	2,050	1,800	1,800
0B	Spec	Mnths 7+	Decrease	USD	2,035	1,850	1,760	1,600
0B	Hedge/Member	Mnths 7+	Decrease	USD	1,850	1,850	1,600	1,600
MIN JAPAN C&F NAPHTHA PLATTS FUT (MJN)								
MJN	Spec	Mnth 1	Decrease	USD	2,860	2,600	2,530	2,300
MJN	Hedge/Member	Mnth 1	Decrease	USD	2,600	2,600	2,300	2,300
MJN	Spec	Mnths 2-6	Decrease	USD	2,860	2,600	2,530	2,300
MJN	Hedge/Member	Mnths 2-6	Decrease	USD	2,600	2,600	2,300	2,300
MJN	Spec	Mnths 7+	Decrease	USD	2,530	2,300	2,200	2,000
MJN	Hedge/Member	Mnths 7+	Decrease	USD	2,300	2,300	2,000	2,000
MINI 3.5% FUEL OIL CAR MED FUT (MMF)								
MMF	Spec		Decrease	USD	2,200	2,000	1,870	1,700
MMF	Hedge/Member		Decrease	USD	2,000	2,000	1,700	1,700
MINI EURO 1% FUEL OIL FOBRDM FUT (T0)								
T0	Spec	Mnth 1	Increase	USD	2,255	2,050	2,475	2,250
T0	Hedge/Member	Mnth 1	Increase	USD	2,050	2,050	2,250	2,250
T0	Spec	Mnth 2	New	USD			2,200	2,000
T0	Hedge/Member	Mnth 2	New	USD			2,000	2,000
T0	Spec	Mnths 3-7	New	USD			1,980	1,800
T0	Hedge/Member	Mnths 3-7	New	USD			1,800	1,800
T0	Spec	Mnths 8+	New	USD			1,650	1,500
T0	Hedge/Member	Mnths 8+	New	USD			1,500	1,500
MINI EURO 3.5% FUEL OIL FOB RDM FUT (0D)								
0D	Spec	Mnths 11+	New	USD			990	900
0D	Hedge/Member	Mnths 11+	New	USD			900	900

SPAN MINIMUM PERFORMANCE BOND REQUIREMENTS

CC	Rate Type	Description	Change	ISO	Current Initial	Current Maintenance	New Initial	New Maintenance
Outright Rates								
MINI GAS EUROBOB OXY BARGES FUT (MEO)								
MEO	Spec	Mnth 1	Decrease	USD	4,510	4,100	3,850	3,500
MEO	Hedge/Member	Mnth 1	Decrease	USD	4,100	4,100	3,500	3,500
MEO	Spec	Mnths 2-6	Decrease	USD	3,300	3,000	2,860	2,600
MEO	Hedge/Member	Mnths 2-6	Decrease	USD	3,000	3,000	2,600	2,600
MEO	Spec	Mnths 7+	Decrease	USD	3,300	3,000	2,860	2,600
MEO	Hedge/Member	Mnths 7+	Decrease	USD	3,000	3,000	2,600	2,600
MINI JAPAN NAPHTHA BALMO FUT (E6M)								
E6M	Spec		Decrease	USD	5,500	5,000	3,300	3,000
E6M	Hedge/Member		Decrease	USD	5,000	5,000	3,000	3,000
MINI SINGAPORE 380CST FUEL OIL FUT (MTS)								
MTS	Spec	Mnths 7+	New	USD			1,430	1,300
MTS	Hedge/Member	Mnths 7+	New	USD			1,300	1,300
MINI SINGAPORE GASOIL PLATS FUTURES (MSG)								
MSG	Spec	Mnth 1	Decrease	USD	308	280	275	250
MSG	Hedge/Member	Mnth 1	Decrease	USD	280	280	250	250
MSG	Spec	Mnths 2-6	Decrease	USD	308	280	275	250
MSG	Hedge/Member	Mnths 2-6	Decrease	USD	280	280	250	250
MSG	Spec	Mnths 7+	Decrease	USD	286	260	253	230
MSG	Hedge/Member	Mnths 7+	Decrease	USD	260	260	230	230
MINI SINGP FUEL OIL 180CST FUTURES (OF)								
OF	Spec	Mnths 3-7	New	USD			1,320	1,200
OF	Hedge/Member	Mnths 3-7	New	USD			1,200	1,200
OF	Spec	Mnths 8+	New	USD			1,100	1,000
OF	Hedge/Member	Mnths 8+	New	USD			1,000	1,000
MOGAS92 UNLEADED (PLATTS) FUT (1N)								
1N	Spec	Mnths 2+	Decrease	USD	5,390	4,900	4,400	4,000
1N	Hedge/Member	Mnths 2+	Decrease	USD	4,900	4,900	4,000	4,000
1N	Spec	Mnth 1	Decrease	USD	5,390	4,900	3,300	3,000
1N	Hedge/Member	Mnth 1	Decrease	USD	4,900	4,900	3,000	3,000
NY HARBOR RESIDUAL FUEL 1.0% S FUT (MM)								
MM	Spec	Mnth 1	Decrease	USD	2,530	2,300	2,310	2,100
MM	Hedge/Member	Mnth 1	Decrease	USD	2,300	2,300	2,100	2,100
MM	Spec	Mnths 2-6	New	USD			2,310	2,100
MM	Hedge/Member	Mnths 2-6	New	USD			2,100	2,100
MM	Spec	Mnths 7+	New	USD			2,090	1,900
MM	Hedge/Member	Mnths 7+	New	USD			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								
NY HARBOR ULSD FUT (HO)								
HO	Spec	Mth 1	Decrease	USD	4,015	3,650	3,465	3,150
HO	Hedge/Member	Mth 1	Decrease	USD	3,650	3,650	3,150	3,150
HO	Spec	Mth 2	Decrease	USD	4,015	3,650	3,465	3,150
HO	Hedge/Member	Mth 2	Decrease	USD	3,650	3,650	3,150	3,150
HO	Spec	Mnths 3-7	Decrease	USD	3,740	3,400	3,190	2,900
HO	Hedge/Member	Mnths 3-7	Decrease	USD	3,400	3,400	2,900	2,900
HO	Spec	Mnths 8-12	Decrease	USD	3,410	3,100	2,860	2,600
HO	Hedge/Member	Mnths 8-12	Decrease	USD	3,100	3,100	2,600	2,600
HO	Spec	Mnths 13+	Decrease	USD	3,190	2,900	2,640	2,400
HO	Hedge/Member	Mnths 13+	Decrease	USD	2,900	2,900	2,400	2,400
NY HRBR ULSD LNDN TRD MRK (HOL)								
HOL	Spec	Mth 1	Decrease	USD	4,015	3,650	3,465	3,150
HOL	Hedge/Member	Mth 1	Decrease	USD	3,650	3,650	3,150	3,150
HOL	Spec	Mth 2	Decrease	USD	4,015	3,650	3,465	3,150
HOL	Hedge/Member	Mth 2	Decrease	USD	3,650	3,650	3,150	3,150
HOL	Spec	Mnths 3-7	Decrease	USD	3,740	3,400	3,190	2,900
HOL	Hedge/Member	Mnths 3-7	Decrease	USD	3,400	3,400	2,900	2,900
HOL	Spec	Mnths 8-12	Decrease	USD	3,410	3,100	2,860	2,600
HOL	Hedge/Member	Mnths 8-12	Decrease	USD	3,100	3,100	2,600	2,600
HOL	Spec	Mnths 13+	Decrease	USD	3,190	2,900	2,640	2,400
HOL	Hedge/Member	Mnths 13+	Decrease	USD	2,900	2,900	2,400	2,400
NY HRBR ULSD PLATTS 3:15 MRK (HO3)								
HO3	Spec	Mth 1	Decrease	USD	4,015	3,650	3,465	3,150
HO3	Hedge/Member	Mth 1	Decrease	USD	3,650	3,650	3,150	3,150
HO3	Spec	Mth 2	Decrease	USD	4,015	3,650	3,465	3,150
HO3	Hedge/Member	Mth 2	Decrease	USD	3,650	3,650	3,150	3,150
HO3	Spec	Mnths 3-7	Decrease	USD	3,740	3,400	3,190	2,900
HO3	Hedge/Member	Mnths 3-7	Decrease	USD	3,400	3,400	2,900	2,900
HO3	Spec	Mnths 8-12	Decrease	USD	3,410	3,100	2,860	2,600
HO3	Hedge/Member	Mnths 8-12	Decrease	USD	3,100	3,100	2,600	2,600
HO3	Spec	Mnths 13+	Decrease	USD	3,190	2,900	2,640	2,400
HO3	Hedge/Member	Mnths 13+	Decrease	USD	2,900	2,900	2,400	2,400

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

NY HRBR ULSD PLATTS 3:15 TRD MRK (HOP)

HOP	Spec	Mth 1	Decrease	USD	4,015	3,650	3,465	3,150
HOP	Hedge/Member	Mth 1	Decrease	USD	3,650	3,650	3,150	3,150
HOP	Spec	Mth 2	Decrease	USD	4,015	3,650	3,465	3,150
HOP	Hedge/Member	Mth 2	Decrease	USD	3,650	3,650	3,150	3,150
HOP	Spec	Mnths 3-7	Decrease	USD	3,740	3,400	3,190	2,900
HOP	Hedge/Member	Mnths 3-7	Decrease	USD	3,400	3,400	2,900	2,900
HOP	Spec	Mnths 8-12	Decrease	USD	3,410	3,100	2,860	2,600
HOP	Hedge/Member	Mnths 8-12	Decrease	USD	3,100	3,100	2,600	2,600
HOP	Spec	Mnths 13+	Decrease	USD	3,190	2,900	2,640	2,400
HOP	Hedge/Member	Mnths 13+	Decrease	USD	2,900	2,900	2,400	2,400

NY HRBR ULSD TAS (HOT)

HOT	Spec	Mth 1	Decrease	USD	4,015	3,650	3,465	3,150
HOT	Hedge/Member	Mth 1	Decrease	USD	3,650	3,650	3,150	3,150
HOT	Spec	Mth 2	Decrease	USD	4,015	3,650	3,465	3,150
HOT	Hedge/Member	Mth 2	Decrease	USD	3,650	3,650	3,150	3,150
HOT	Spec	Mnths 3-7	Decrease	USD	3,740	3,400	3,190	2,900
HOT	Hedge/Member	Mnths 3-7	Decrease	USD	3,400	3,400	2,900	2,900
HOT	Spec	Mnths 8-12	Decrease	USD	3,410	3,100	2,860	2,600
HOT	Hedge/Member	Mnths 8-12	Decrease	USD	3,100	3,100	2,600	2,600
HOT	Spec	Mnths 13+	Decrease	USD	3,190	2,900	2,640	2,400
HOT	Hedge/Member	Mnths 13+	Decrease	USD	2,900	2,900	2,400	2,400

PREM UNL GAS 10 PPM (PLTS) RDM (7L)

7L	Spec		Decrease	USD	53,900	49,000	47,300	43,000
7L	Hedge/Member		Decrease	USD	49,000	49,000	43,000	43,000

PREMIUM UNLD 10P FOB MED FUT (3G)

3G	Spec	Mnths 2+	Decrease	USD	41,800	38,000	38,500	35,000
3G	Hedge/Member	Mnths 2+	Decrease	USD	38,000	38,000	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								
RBOB GASOLINE FUTURES (RB)								
RB	Spec	Mnth 1	Decrease	USD	4,400	4,000	3,850	3,500
RB	Hedge/Member	Mnth 1	Decrease	USD	4,000	4,000	3,500	3,500
RB	Spec	Mnth 2	Decrease	USD	4,180	3,800	3,630	3,300
RB	Hedge/Member	Mnth 2	Decrease	USD	3,800	3,800	3,300	3,300
RB	Spec	Summer 2014	Decrease	USD	3,850	3,500	3,300	3,000
RB	Hedge/Member	Summer 2014	Decrease	USD	3,500	3,500	3,000	3,000
RB	Spec	Winter 2014/2015+	Decrease	USD	3,410	3,100	2,860	2,600
RB	Hedge/Member	Winter 2014/2015+	Decrease	USD	3,100	3,100	2,600	2,600
RB	Spec	April 2015+	Decrease	USD	3,300	3,000	2,750	2,500
RB	Hedge/Member	April 2015+	Decrease	USD	3,000	3,000	2,500	2,500
RBOB GASOLINE TAM LONDON (RBL)								
RBL	Spec	Mnth 1	Decrease	USD	4,400	4,000	3,850	3,500
RBL	Hedge/Member	Mnth 1	Decrease	USD	4,000	4,000	3,500	3,500
RBL	Spec	Mnth 2	Decrease	USD	4,180	3,800	3,630	3,300
RBL	Hedge/Member	Mnth 2	Decrease	USD	3,800	3,800	3,300	3,300
RBL	Spec	Summer 2014	Decrease	USD	3,850	3,500	3,300	3,000
RBL	Hedge/Member	Summer 2014	Decrease	USD	3,500	3,500	3,000	3,000
RBL	Spec	Winter 2014/2015+	Decrease	USD	3,410	3,100	2,860	2,600
RBL	Hedge/Member	Winter 2014/2015+	Decrease	USD	3,100	3,100	2,600	2,600
RBL	Spec	April 2015+	Decrease	USD	3,300	3,000	2,750	2,500
RBL	Hedge/Member	April 2015+	Decrease	USD	3,000	3,000	2,500	2,500
RBOB GASOLINE TAM PLATTS PR (RBS)								
RBS	Spec	Mnth 1	Decrease	USD	4,400	4,000	3,850	3,500
RBS	Hedge/Member	Mnth 1	Decrease	USD	4,000	4,000	3,500	3,500
RBS	Spec	Mnth 2	Decrease	USD	4,180	3,800	3,630	3,300
RBS	Hedge/Member	Mnth 2	Decrease	USD	3,800	3,800	3,300	3,300
RBS	Spec	Summer 2014	Decrease	USD	3,850	3,500	3,300	3,000
RBS	Hedge/Member	Summer 2014	Decrease	USD	3,500	3,500	3,000	3,000
RBS	Spec	Winter 2014/2015+	Decrease	USD	3,410	3,100	2,860	2,600
RBS	Hedge/Member	Winter 2014/2015+	Decrease	USD	3,100	3,100	2,600	2,600
RBS	Spec	April 2015+	Decrease	USD	3,300	3,000	2,750	2,500
RBS	Hedge/Member	April 2015+	Decrease	USD	3,000	3,000	2,500	2,500

SPAN MINIMUM PERFORMANCE BOND REQUIREMENTS

CC	Rate Type	Description	Change	ISO	Current Initial	Current Maintenance	New Initial	New Maintenance
Outright Rates								
RBOB GASOLINE TAM PLATTS PRICE (4RB)								
4RB	Spec	Mnth 1	Decrease	USD	4,400	4,000	3,850	3,500
4RB	Hedge/Member	Mnth 1	Decrease	USD	4,000	4,000	3,500	3,500
4RB	Spec	Mnth 2	Decrease	USD	4,180	3,800	3,630	3,300
4RB	Hedge/Member	Mnth 2	Decrease	USD	3,800	3,800	3,300	3,300
4RB	Spec	Summer 2014	Decrease	USD	3,850	3,500	3,300	3,000
4RB	Hedge/Member	Summer 2014	Decrease	USD	3,500	3,500	3,000	3,000
4RB	Spec	Winter 2014/2015+	Decrease	USD	3,410	3,100	2,860	2,600
4RB	Hedge/Member	Winter 2014/2015+	Decrease	USD	3,100	3,100	2,600	2,600
4RB	Spec	April 2015+	Decrease	USD	3,300	3,000	2,750	2,500
4RB	Hedge/Member	April 2015+	Decrease	USD	3,000	3,000	2,500	2,500
RBOB GASOLINE TAM PLATTS PRICING (3RB)								
3RB	Spec	Mnth 1	Decrease	USD	4,400	4,000	3,850	3,500
3RB	Hedge/Member	Mnth 1	Decrease	USD	4,000	4,000	3,500	3,500
3RB	Spec	Mnth 2	Decrease	USD	4,180	3,800	3,630	3,300
3RB	Hedge/Member	Mnth 2	Decrease	USD	3,800	3,800	3,300	3,300
3RB	Spec	Summer 2014	Decrease	USD	3,850	3,500	3,300	3,000
3RB	Hedge/Member	Summer 2014	Decrease	USD	3,500	3,500	3,000	3,000
3RB	Spec	Winter 2014/2015+	Decrease	USD	3,410	3,100	2,860	2,600
3RB	Hedge/Member	Winter 2014/2015+	Decrease	USD	3,100	3,100	2,600	2,600
3RB	Spec	April 2015+	Decrease	USD	3,300	3,000	2,750	2,500
3RB	Hedge/Member	April 2015+	Decrease	USD	3,000	3,000	2,500	2,500
RBOB PLATTS 3:15 TRADABLE MARKER (RBP)								
RBP	Spec	Mnth 1	Decrease	USD	4,400	4,000	3,850	3,500
RBP	Hedge/Member	Mnth 1	Decrease	USD	4,000	4,000	3,500	3,500
RBP	Spec	Mnth 2	Decrease	USD	4,180	3,800	3,630	3,300
RBP	Hedge/Member	Mnth 2	Decrease	USD	3,800	3,800	3,300	3,300
RBP	Spec	Summer 2014	Decrease	USD	3,850	3,500	3,300	3,000
RBP	Hedge/Member	Summer 2014	Decrease	USD	3,500	3,500	3,000	3,000
RBP	Spec	Winter 2014/2015+	Decrease	USD	3,410	3,100	2,860	2,600
RBP	Hedge/Member	Winter 2014/2015+	Decrease	USD	3,100	3,100	2,600	2,600
RBP	Spec	April 2015+	Decrease	USD	3,300	3,000	2,750	2,500
RBP	Hedge/Member	April 2015+	Decrease	USD	3,000	3,000	2,500	2,500

SPAN MINIMUM PERFORMANCE BOND REQUIREMENTS

CC	Rate Type	Description	Change	ISO	Current Initial	Current Maintenance	New Initial	New Maintenance
Outright Rates								
RBOB TRADE AT SETTLEMENT (RBT)								
RBT	Spec	Mnth 1	Decrease	USD	4,400	4,000	3,850	3,500
RBT	Hedge/Member	Mnth 1	Decrease	USD	4,000	4,000	3,500	3,500
RBT	Spec	Mnth 2	Decrease	USD	4,180	3,800	3,630	3,300
RBT	Hedge/Member	Mnth 2	Decrease	USD	3,800	3,800	3,300	3,300
RBT	Spec	Summer 2014	Decrease	USD	3,850	3,500	3,300	3,000
RBT	Hedge/Member	Summer 2014	Decrease	USD	3,500	3,500	3,000	3,000
RBT	Spec	Winter 2014/2015+	Decrease	USD	3,410	3,100	2,860	2,600
RBT	Hedge/Member	Winter 2014/2015+	Decrease	USD	3,100	3,100	2,600	2,600
RBT	Spec	April 2015+	Decrease	USD	3,300	3,000	2,750	2,500
RBT	Hedge/Member	April 2015+	Decrease	USD	3,000	3,000	2,500	2,500
SINGAPORE 380CST FUEL OIL FUT (SE)								
SE	Spec	Mnths 7+	New	USD			14,300	13,000
SE	Hedge/Member	Mnths 7+	New	USD			13,000	13,000
SINGAPORE FUEL 180CST CALFUT (UA)								
UA	Spec	Mnths 3-7	New	USD			13,200	12,000
UA	Hedge/Member	Mnths 3-7	New	USD			12,000	12,000
UA	Spec	Mnths 8+	New	USD			11,000	10,000
UA	Hedge/Member	Mnths 8+	New	USD			10,000	10,000
SINGAPORE GASOIL FUT (SG)								
SG	Spec	Mnth 1	Decrease	USD	3,080	2,800	2,750	2,500
SG	Hedge/Member	Mnth 1	Decrease	USD	2,800	2,800	2,500	2,500
SG	Spec	Mnths 2-6	Decrease	USD	3,080	2,800	2,750	2,500
SG	Hedge/Member	Mnths 2-6	Decrease	USD	2,800	2,800	2,500	2,500
SG	Spec	Mnths 7+	Decrease	USD	2,860	2,600	2,530	2,300
SG	Hedge/Member	Mnths 7+	Decrease	USD	2,600	2,600	2,300	2,300
SINGAPORE JET KERO BALMO (BX)								
BX	Spec	Mnth 1	Decrease	USD	8,250	7,500	5,500	5,000
BX	Hedge/Member	Mnth 1	Decrease	USD	7,500	7,500	5,000	5,000
BX	Spec	Mnths 2+	Decrease	USD	8,250	7,500	5,500	5,000
BX	Hedge/Member	Mnths 2+	Decrease	USD	7,500	7,500	5,000	5,000
SINGAPORE NAPHTHA FUT (SP)								
SP	Spec		Decrease	USD	3,300	3,000	2,860	2,600
SP	Hedge/Member		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
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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								
ENVIRONMENTAL - Intra Spreads								
In Delivery Month European Union Allowance (EUA) Futures - (Consecutives Mnth 1+) (IN DELIVERY MONTH EUA FUTURES)								
6T	Spec		New	EUR			165	150
6T	Hedge/Member		New	EUR			150	150
In Delivery Month European Union Allowance (EUA) Futures - All Months (IN DELIVERY MONTH EUA FUTURES)								
6T	Spec		Decrease	EUR	880	800	495	450
6T	Hedge/Member		Decrease	EUR	800	800	450	450
In Delivery Month European Union Allowance (EUA) Futures - Dec 2014 vs Dec 2015 (IN DELIVERY MONTH EUA FUTURES)								
6T	Spec		New	EUR			66	60
6T	Hedge/Member		New	EUR			60	60
In Delivery Month European Union Allowance (EUA) Futures - Dec 2014 vs Dec 2016 (IN DELIVERY MONTH EUA FUTURES)								
6T	Spec		New	EUR			132	120
6T	Hedge/Member		New	EUR			120	120
In Delivery Month European Union Allowance (EUA) Futures - Dec 2014 vs Dec 2017 (IN DELIVERY MONTH EUA FUTURES)								
6T	Spec		New	EUR			198	180
6T	Hedge/Member		New	EUR			180	180
In Delivery Month European Union Allowance (EUA) Futures - Dec 2014 vs Dec 2018 (IN DELIVERY MONTH EUA FUTURES)								
6T	Spec		New	EUR			275	250
6T	Hedge/Member		New	EUR			250	250
In Delivery Month European Union Allowance (EUA) Futures - Dec 2014 vs Dec 2019 (IN DELIVERY MONTH EUA FUTURES)								
6T	Spec		New	EUR			347	315
6T	Hedge/Member		New	EUR			315	315
In Delivery Month European Union Allowance (EUA) Futures - Dec 2015 vs Dec 2016 (IN DELIVERY MONTH EUA FUTURES)								
6T	Spec		New	EUR			77	70
6T	Hedge/Member		New	EUR			70	70
In Delivery Month European Union Allowance (EUA) Futures - Dec 2015 vs Dec 2017 (IN DELIVERY MONTH EUA FUTURES)								
6T	Spec		New	EUR			154	140
6T	Hedge/Member		New	EUR			140	140

SPAN MINIMUM PERFORMANCE BOND REQUIREMENTS

CC	Rate Type	Description	Change	ISO	Current Initial	Current Maintenance	New Initial	New Maintenance
Intra Spreads								
In Delivery Month European Union Allowance (EUA) Futures - Dec 2015 vs Dec 2018 (IN DELIVERY MONTH EUA FUTURES)								
6T	Spec		New	EUR			248	225
6T	Hedge/Member		New	EUR			225	225
In Delivery Month European Union Allowance (EUA) Futures - Dec 2015 vs Dec 2019 (IN DELIVERY MONTH EUA FUTURES)								
6T	Spec		New	EUR			303	275
6T	Hedge/Member		New	EUR			275	275
In Delivery Month European Union Allowance (EUA) Futures - Dec 2016 vs Dec 2017 (IN DELIVERY MONTH EUA FUTURES)								
6T	Spec		New	EUR			77	70
6T	Hedge/Member		New	EUR			70	70
In Delivery Month European Union Allowance (EUA) Futures - Dec 2016 vs Dec 2018 (IN DELIVERY MONTH EUA FUTURES)								
6T	Spec		New	EUR			176	160
6T	Hedge/Member		New	EUR			160	160
In Delivery Month European Union Allowance (EUA) Futures - Dec 2016 vs Dec 2019 (IN DELIVERY MONTH EUA FUTURES)								
6T	Spec		New	EUR			248	225
6T	Hedge/Member		New	EUR			225	225
In Delivery Month European Union Allowance (EUA) Futures - Dec 2017 vs Dec 2018 (IN DELIVERY MONTH EUA FUTURES)								
6T	Spec		New	EUR			110	100
6T	Hedge/Member		New	EUR			100	100
In Delivery Month European Union Allowance (EUA) Futures - Dec 2017 vs Dec 2019 (IN DELIVERY MONTH EUA FUTURES)								
6T	Spec		New	EUR			193	175
6T	Hedge/Member		New	EUR			175	175
In Delivery Month European Union Allowance (EUA) Futures - Dec 2018 vs Dec 2019 (IN DELIVERY MONTH EUA FUTURES)								
6T	Spec		New	EUR			110	100
6T	Hedge/Member		New	EUR			100	100

SPAN MINIMUM PERFORMANCE BOND REQUIREMENTS

Rate Type	Change	Ratio	Current Initial	Current Maintenance	New Initial	New Maintenance
Inter-commodity Spread Rates						
NATURAL GAS - Inter-commodity Spread Rates						
COLUMBIA GAS TCO (PLATTS IFERC) FIXED PRICE SWAP FUTURES (NY-CFS - CME) vs HENRY HUB NATURAL GAS FUTURES (NY-NG - CME)						
Spread Credit Rate	Decrease	-4:+1	85%	85%	80%	80%
HENRY HUB NATURAL GAS FUTURES (NY-NG - CME) vs NORTHERN ROCKIES PIPE SWAP (NY-XR - CME)						
Spread Credit Rate	Increase	+1:-4	85%	85%	90%	90%
HENRY HUB NATURAL GAS FUTURES (NY-NG - CME) vs SOCAL PIPE SWAP (NY-XN - CME)						
Spread Credit Rate	Increase	+1:-4	80%	80%	85%	85%
NGPL MID-CON (PLATTS IFERC) FIXED PRICE SWAP FUTURES (NY-NFS - CME) vs HENRY HUB NATURAL GAS FUTURES (NY-NG - CME)						
Spread Credit Rate	Decrease	-4:+1	80%	80%	75%	75%
PERMIAN (PLATTS IFERC) FIXED PRICE SWAP FUTURES (NY-PFS - CME) vs HENRY HUB NATURAL GAS FUTURES (NY-NG - CME)						
Spread Credit Rate	Decrease	-4:+1	85%	85%	80%	80%
WAHA (PLATTS IFERC) FIXED PRICE SWAP FUTURES (NY-WFS - CME) vs HENRY HUB NATURAL GAS FUTURES (NY-NG - CME)						
Spread Credit Rate	Decrease	-4:+1	85%	85%	80%	80%

SPAN MINIMUM PERFORMANCE BOND REQUIREMENTS

Rate Type	Tier Description	Change	Current Initial	Current Maintenance	New Initial	New Maintenance
Volatility Scan (volScan) Rate						
NATURAL GAS - Volatility Scan (volScan) Rate						
HENRY HUB (PLATTS IFERC) FIXED PRICE SWAP FUTURES (HHS) - volScan						
Clearing Member Rate	Mnth 1	Increase		0.070		0.150
HENRY HUB NATURAL GAS FUTURES (HHQ, KD, LN, MNG, NG, NGT, ON, 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	Mth 1	Decrease		0.220		0.150
Clearing Member Rate	Mth 2	Decrease		0.120		0.080
HENRY HUB NATURAL GAS PENULTIMATE FINANCIAL FUTURES (E7, HH, HP, NP, QG) - volScan						
Clearing Member Rate	Mth 2	Decrease		0.120		0.080
Clearing Member Rate	Mth 1	Decrease		0.220		0.150
NYMEX NATURAL GAS (H.HUB LTD) FUT (E7, HH, HHT, NN, NNT) - volScan						
Clearing Member Rate	Mth 1	Decrease		0.220		0.150
Clearing Member Rate	Mth 2	Decrease		0.120		0.080
TRANSCO ZONE 6 NATURAL GAS (PLATTS IFERC) FIXED PRICE FUTURES (TZ, XZ, XZW) - volScan						
Clearing Member Rate	Mnth 1	Increase		0.070		0.200