



14-049

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

FROM: CME Clearing

SUBJECT: Performance Bond Requirements

DATE: Tuesday, January 28, 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

Wednesday, January 29, 2014.

Current rates as of:

Monday, January 27, 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	3,300	3,000	3,630	3,300
DFL	Hedge/Member		Increase	USD	3,000	3,000	3,300	3,300
DAP FOB TAMPA SWAP (DFT)								
DFT	Spec		Increase	USD	4,400	4,000	5,500	5,000
DFT	Hedge/Member		Increase	USD	4,000	4,000	5,000	5,000
NONFAT DRY MILK FUTURES (NF)								
NF	Spec	Month 1-2	Increase	USD	2,363	1,750	2,903	2,150
NF	Hedge/Member	Month 1-2	Increase	USD	1,750	1,750	2,150	2,150
NF	Spec	Month 3+	Increase	USD	2,363	1,750	2,903	2,150
NF	Hedge/Member	Month 3+	Increase	USD	1,750	1,750	2,150	2,150
COAL - Outright Rates								
AUSTRALIAN COKING (PLATTS) LOW VOL (ALW)								
ALW	Spec		Increase	USD	7,700	7,000	8,800	8,000
ALW	Hedge/Member		Increase	USD	7,000	7,000	8,000	8,000
COAL API 8 CFR SOUTH CHINA (SSI)								
SSI	Spec		Increase	USD	2,750	2,500	3,190	2,900
SSI	Hedge/Member		Increase	USD	2,500	2,500	2,900	2,900
COAL API4 RCH BAY ARGS MCCLOSKEY FUT (MFF)								
MFF	Spec	Mnth 2-6	Increase	USD	2,585	2,350	2,915	2,650
MFF	Hedge/Member	Mnth 2-6	Increase	USD	2,350	2,350	2,650	2,650
COAL API5 FOB NEWCASTLE ARG/MC FUT (ACM)								
ACM	Spec		Increase	USD	3,025	2,750	3,300	3,000
ACM	Hedge/Member		Increase	USD	2,750	2,750	3,000	3,000
EASTERN RAIL DELIVERY CSX COAL FUT (QX)								
QX	Spec		Increase	USD	2,860	2,600	3,025	2,750
QX	Hedge/Member		Increase	USD	2,600	2,600	2,750	2,750

SPAN MINIMUM PERFORMANCE BOND REQUIREMENTS

CC	Rate Type	Description	Change	ISO	Current Initial	Current Maintenance	New Initial	New Maintenance
Outright Rates								
ELECTRICITY - Outright Rates								
AEP-DAYTON HUB OFF-PEAK MONTHLY (VP)								
VP	Spec	Mnth 1	Increase	USD	6,600	6,000	13,200	12,000
VP	Hedge/Member	Mnth 1	Increase	USD	6,000	6,000	12,000	12,000
VP	Spec	Mnth 2	Increase	USD	4,400	4,000	11,000	10,000
VP	Hedge/Member	Mnth 2	Increase	USD	4,000	4,000	10,000	10,000
VP	Spec	Mnths 3-11	Increase	USD	2,200	2,000	3,300	3,000
VP	Hedge/Member	Mnths 3-11	Increase	USD	2,000	2,000	3,000	3,000
VP	Spec	Mnths 12+	Increase	USD	1,650	1,500	2,750	2,500
VP	Hedge/Member	Mnths 12+	Increase	USD	1,500	1,500	2,500	2,500
AER-DAYTON HUB MONTHLY (VM)								
VM	Spec	Mnth 1	Increase	USD	14,300	13,000	36,300	33,000
VM	Hedge/Member	Mnth 1	Increase	USD	13,000	13,000	33,000	33,000
VM	Spec	Mnth 2	Increase	USD	5,500	5,000	16,500	15,000
VM	Hedge/Member	Mnth 2	Increase	USD	5,000	5,000	15,000	15,000
VM	Spec	Mnths 3-11	Increase	USD	2,090	1,900	2,860	2,600
VM	Hedge/Member	Mnths 3-11	Increase	USD	1,900	1,900	2,600	2,600
VM	Spec	Mnths 12+	Increase	USD	1,980	1,800	2,640	2,400
VM	Hedge/Member	Mnths 12+	Increase	USD	1,800	1,800	2,400	2,400
NORTHERN ILLINOIS HUB MONTHLY (UM)								
UM	Spec	Mnth 1	Increase	USD	26,400	24,000	44,000	40,000
UM	Hedge/Member	Mnth 1	Increase	USD	24,000	24,000	40,000	40,000
UM	Spec	Mnth 2	Increase	USD	6,600	6,000	13,200	12,000
UM	Hedge/Member	Mnth 2	Increase	USD	6,000	6,000	12,000	12,000
UM	Spec	Mnths 3-11	Increase	USD	2,750	2,500	3,300	3,000
UM	Hedge/Member	Mnths 3-11	Increase	USD	2,500	2,500	3,000	3,000
UM	Spec	Mnths 12+	Increase	USD	2,200	2,000	2,750	2,500
UM	Hedge/Member	Mnths 12+	Increase	USD	2,000	2,000	2,500	2,500
NORTHERN ILLINOIS OFF-PEAK MONTHLY (UO)								
UO	Spec	Mnth 1	Increase	USD	6,600	6,000	11,000	10,000
UO	Hedge/Member	Mnth 1	Increase	USD	6,000	6,000	10,000	10,000
UO	Spec	Mnth 2	Increase	USD	3,300	3,000	9,900	9,000
UO	Hedge/Member	Mnth 2	Increase	USD	3,000	3,000	9,000	9,000
UO	Spec	Mnths 3-11	Increase	USD	1,650	1,500	2,530	2,300
UO	Hedge/Member	Mnths 3-11	Increase	USD	1,500	1,500	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								
PJM AD HUB 5MW REAL TIME O PK (V3)								
V3	Spec	Mnth 1	Increase	USD	33	30	66	60
V3	Hedge/Member	Mnth 1	Increase	USD	30	30	60	60
V3	Spec	Mnth 2	Increase	USD	17	15	55	50
V3	Hedge/Member	Mnth 2	Increase	USD	15	15	50	50
V3	Spec	Mnths 3-11	Increase	USD	17	15	22	20
V3	Hedge/Member	Mnths 3-11	Increase	USD	15	15	20	20
V3	Spec	Mnths 12+	Increase	USD	11	10	17	15
V3	Hedge/Member	Mnths 12+	Increase	USD	10	10	15	15
PJM AD HUB 5MW REAL TIME PK (Z9)								
Z9	Spec	Mnth 1	Increase	USD	3,080	2,800	3,630	3,300
Z9	Hedge/Member	Mnth 1	Increase	USD	2,800	2,800	3,300	3,300
Z9	Spec	Mnth 2	Increase	USD	605	550	1,650	1,500
Z9	Hedge/Member	Mnth 2	Increase	USD	550	550	1,500	1,500
PJM AECO DA OFF-PEAK (X1)								
X1	Spec	Mnth 1	Increase	USD	72	65	198	180
X1	Hedge/Member	Mnth 1	Increase	USD	65	65	180	180
X1	Spec	Mnth 2	Increase	USD	55	50	165	150
X1	Hedge/Member	Mnth 2	Increase	USD	50	50	150	150
X1	Spec	Mnths 3-11	Increase	USD	44	40	88	80
X1	Hedge/Member	Mnths 3-11	Increase	USD	40	40	80	80
X1	Spec	Mnths 12+	Increase	USD	33	30	66	60
X1	Hedge/Member	Mnths 12+	Increase	USD	30	30	60	60
PJM AECO DA PEAK (Y1)								
Y1	Spec	Mnth 1	Increase	USD	3,300	3,000	6,600	6,000
Y1	Hedge/Member	Mnth 1	Increase	USD	3,000	3,000	6,000	6,000
Y1	Spec	Mnth 2	Increase	USD	1,540	1,400	4,400	4,000
Y1	Hedge/Member	Mnth 2	Increase	USD	1,400	1,400	4,000	4,000
Y1	Spec	Mnths 3-11	Increase	USD	1,100	1,000	2,200	2,000
Y1	Hedge/Member	Mnths 3-11	Increase	USD	1,000	1,000	2,000	2,000
Y1	Spec	Mnths 12+	Increase	USD	935	850	1,650	1,500
Y1	Hedge/Member	Mnths 12+	Increase	USD	850	850	1,500	1,500

SPAN MINIMUM PERFORMANCE BOND REQUIREMENTS

CC	Rate Type	Description	Change	ISO	Current Initial	Current Maintenance	New Initial	New Maintenance
Outright Rates								
PJM APS ZONE DA OFF-PEAK (W4)								
W4	Spec	Mnth 1	Increase	USD	50	45	138	125
W4	Hedge/Member	Mnth 1	Increase	USD	45	45	125	125
W4	Spec	Mnth 2	Increase	USD	39	35	121	110
W4	Hedge/Member	Mnth 2	Increase	USD	35	35	110	110
W4	Spec	Mnths 3-11	Increase	USD	33	30	66	60
W4	Hedge/Member	Mnths 3-11	Increase	USD	30	30	60	60
PJM APS ZONE DA PEAK (S4)								
S4	Spec	Mnth 1	Increase	USD	1,980	1,800	6,050	5,500
S4	Hedge/Member	Mnth 1	Increase	USD	1,800	1,800	5,500	5,500
S4	Spec	Mnth 2	Increase	USD	924	840	2,750	2,500
S4	Hedge/Member	Mnth 2	Increase	USD	840	840	2,500	2,500
S4	Spec	Mnths 3-11	Increase	USD	550	500	1,100	1,000
S4	Hedge/Member	Mnths 3-11	Increase	USD	500	500	1,000	1,000
S4	Spec	Mnths 12+	Increase	USD	385	350	770	700
S4	Hedge/Member	Mnths 12+	Increase	USD	350	350	700	700
PJM ASTI ZONE PEAK DA MO (MOD)								
MOD	Spec	Mnth 1	Increase	USD	33	30	77	70
MOD	Hedge/Member	Mnth 1	Increase	USD	30	30	70	70
MOD	Spec	Mnths 2-3	Increase	USD	11	10	33	30
MOD	Hedge/Member	Mnths 2-3	Increase	USD	10	10	30	30
MOD	Spec	Mnths 4-12	Increase	USD	11	10	17	15
MOD	Hedge/Member	Mnths 4-12	Increase	USD	10	10	15	15
PJM ATSI ZONE MONTHLY DAILY (MPD)								
MPD	Spec	Mnth 1	Increase	USD	1,540	1,400	3,300	3,000
MPD	Hedge/Member	Mnth 1	Increase	USD	1,400	1,400	3,000	3,000
MPD	Spec	Mnths 2-3	Increase	USD	1,100	1,000	2,200	2,000
MPD	Hedge/Member	Mnths 2-3	Increase	USD	1,000	1,000	2,000	2,000
MPD	Spec	Mnths 4-12	Increase	USD	220	200	385	350
MPD	Hedge/Member	Mnths 4-12	Increase	USD	200	200	350	350
PJM BGE DA OFF-PEAK (R3)								
R3	Spec	Mnth 1	Increase	USD	55	50	165	150
R3	Hedge/Member	Mnth 1	Increase	USD	50	50	150	150
R3	Spec	Mnth 2	Increase	USD	28	25	83	75
R3	Hedge/Member	Mnth 2	Increase	USD	25	25	75	75

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	Increase	USD	2,200	2,000	6,600	6,000
E3	Hedge/Member	Mnth 1	Increase	USD	2,000	2,000	6,000	6,000
E3	Spec	Mnth 2	Increase	USD	880	800	2,640	2,400
E3	Hedge/Member	Mnth 2	Increase	USD	800	800	2,400	2,400
E3	Spec	Mnths 3-11	Increase	USD	440	400	770	700
E3	Hedge/Member	Mnths 3-11	Increase	USD	400	400	700	700
E3	Spec	Mnths 12+	Increase	USD	578	525	770	700
E3	Hedge/Member	Mnths 12+	Increase	USD	525	525	700	700
PJM COMED 5MW D AH O PK (D9)								
D9	Spec	Mnth 1	Increase	USD	39	35	55	50
D9	Hedge/Member	Mnth 1	Increase	USD	35	35	50	50
D9	Spec	Mnth 2	Increase	USD	22	20	50	45
D9	Hedge/Member	Mnth 2	Increase	USD	20	20	45	45
PJM COMED 5MW D AH PK (D8)								
D8	Spec	Mnth 1	Increase	USD	1,265	1,150	1,870	1,700
D8	Hedge/Member	Mnth 1	Increase	USD	1,150	1,150	1,700	1,700
D8	Spec	Mnth 2	Increase	USD	605	550	1,540	1,400
D8	Hedge/Member	Mnth 2	Increase	USD	550	550	1,400	1,400
D8	Spec	Mnths 3-11	Increase	USD	248	225	385	350
D8	Hedge/Member	Mnths 3-11	Increase	USD	225	225	350	350
D8	Spec	Mnths 12+	Increase	USD	165	150	275	250
D8	Hedge/Member	Mnths 12+	Increase	USD	150	150	250	250
PJM DAYTON DA OFF-PEAK (R7)								
R7	Spec	Mnth 1	Increase	USD	33	30	66	60
R7	Hedge/Member	Mnth 1	Increase	USD	30	30	60	60
R7	Spec	Mnth 2	Increase	USD	17	15	50	45
R7	Hedge/Member	Mnth 2	Increase	USD	15	15	45	45
PJM DAYTON DA PEAK (D7)								
D7	Spec	Mnth 2	Increase	USD	715	650	1,320	1,200
D7	Hedge/Member	Mnth 2	Increase	USD	650	650	1,200	1,200
D7	Spec	Mnths 3-11	Increase	USD	220	200	330	300
D7	Hedge/Member	Mnths 3-11	Increase	USD	200	200	300	300

SPAN MINIMUM PERFORMANCE BOND REQUIREMENTS

CC	Rate Type	Description	Change	ISO	Current Initial	Current Maintenance	New Initial	New Maintenance
Outright Rates								
PJM DPL DA OFF-PEAK (E8)								
E8	Spec	Mnth 1	Increase	USD	50	45	138	125
E8	Hedge/Member	Mnth 1	Increase	USD	45	45	125	125
E8	Spec	Mnth 2	Increase	USD	28	25	83	75
E8	Hedge/Member	Mnth 2	Increase	USD	25	25	75	75
E8	Spec	Mnths 3-11	Increase	USD	28	25	50	45
E8	Hedge/Member	Mnths 3-11	Increase	USD	25	25	45	45
PJM DPL DA PEAK (L8)								
L8	Spec	Mnth 1	Increase	USD	2,640	2,400	5,500	5,000
L8	Hedge/Member	Mnth 1	Increase	USD	2,400	2,400	5,000	5,000
L8	Spec	Mnth 2	Increase	USD	1,100	1,000	3,300	3,000
L8	Hedge/Member	Mnth 2	Increase	USD	1,000	1,000	3,000	3,000
PJM DUQUESNE 5MW D AH PK (D5)								
D5	Spec	Mnth 1	Increase	USD	770	700	1,980	1,800
D5	Hedge/Member	Mnth 1	Increase	USD	700	700	1,800	1,800
D5	Spec	Mnth 2	Increase	USD	605	550	1,650	1,500
D5	Hedge/Member	Mnth 2	Increase	USD	550	550	1,500	1,500
D5	Spec	Mnths 3-11	Increase	USD	275	250	440	400
D5	Hedge/Member	Mnths 3-11	Increase	USD	250	250	400	400
PJM DUQUS 5MW D AH O PK (D6)								
D6	Spec	Mnth 1	Increase	USD	33	30	66	60
D6	Hedge/Member	Mnth 1	Increase	USD	30	30	60	60
D6	Spec	Mnth 2	Increase	USD	22	20	55	50
D6	Hedge/Member	Mnth 2	Increase	USD	20	20	50	50
D6	Spec	Mnths 3-11	Increase	USD	17	15	22	20
D6	Hedge/Member	Mnths 3-11	Increase	USD	15	15	20	20
D6	Spec	Mnths 12+	Increase	USD	17	15	22	20
D6	Hedge/Member	Mnths 12+	Increase	USD	15	15	20	20
PJM JCPL DA OFF-PEAK (F2)								
F2	Spec	Mnth 1	Increase	USD	83	75	248	225
F2	Hedge/Member	Mnth 1	Increase	USD	75	75	225	225
F2	Spec	Mnth 2	Increase	USD	39	35	110	100
F2	Hedge/Member	Mnth 2	Increase	USD	35	35	100	100
F2	Spec	Mnths 3-11	Increase	USD	22	20	44	40
F2	Hedge/Member	Mnths 3-11	Increase	USD	20	20	40	40
F2	Spec	Mnths 12+	Increase	USD	22	20	44	40
F2	Hedge/Member	Mnths 12+	Increase	USD	20	20	40	40

SPAN MINIMUM PERFORMANCE BOND REQUIREMENTS

CC	Rate Type	Description	Change	ISO	Current Initial	Current Maintenance	New Initial	New Maintenance
Outright Rates								
PJM JCPL DA PEAK (J2)								
J2	Spec	Mnth 1	Increase	USD	4,400	4,000	6,820	6,200
J2	Hedge/Member	Mnth 1	Increase	USD	4,000	4,000	6,200	6,200
J2	Spec	Mnth 2	Increase	USD	1,540	1,400	3,850	3,500
J2	Hedge/Member	Mnth 2	Increase	USD	1,400	1,400	3,500	3,500
J2	Spec	Mnths 3-11	Increase	USD	880	800	1,320	1,200
J2	Hedge/Member	Mnths 3-11	Increase	USD	800	800	1,200	1,200
J2	Spec	Mnths 12+	Increase	USD	660	600	1,100	1,000
J2	Hedge/Member	Mnths 12+	Increase	USD	600	600	1,000	1,000
PJM METED ZONE OFFPK CAL MO LMP FUT (46)								
46	Spec	Mnth 1	Increase	USD	66	60	198	180
46	Hedge/Member	Mnth 1	Increase	USD	60	60	180	180
46	Spec	Mnth 2	Increase	USD	50	45	99	90
46	Hedge/Member	Mnth 2	Increase	USD	45	45	90	90
46	Spec	Mnths 3-11	Increase	USD	44	40	88	80
46	Hedge/Member	Mnths 3-11	Increase	USD	40	40	80	80
46	Spec	Mnths 12+	Increase	USD	17	15	28	25
46	Hedge/Member	Mnths 12+	Increase	USD	15	15	25	25
PJM METED ZONE PK CAL LMP FUTURES (47)								
47	Spec	Mnth 1	Increase	USD	4,840	4,400	7,150	6,500
47	Hedge/Member	Mnth 1	Increase	USD	4,400	4,400	6,500	6,500
47	Spec	Mnth 2	Increase	USD	2,310	2,100	4,620	4,200
47	Hedge/Member	Mnth 2	Increase	USD	2,100	2,100	4,200	4,200
47	Spec	Mnths 3-11	Increase	USD	770	700	1,540	1,400
47	Hedge/Member	Mnths 3-11	Increase	USD	700	700	1,400	1,400
47	Spec	Mnths 12+	Increase	USD	880	800	1,100	1,000
47	Hedge/Member	Mnths 12+	Increase	USD	800	800	1,000	1,000
PJM MONTHLY (JM)								
JM	Spec	Mnth 1	Increase	USD	33,000	30,000	66,000	60,000
JM	Hedge/Member	Mnth 1	Increase	USD	30,000	30,000	60,000	60,000
JM	Spec	Mnth 2	Increase	USD	11,880	10,800	22,000	20,000
JM	Hedge/Member	Mnth 2	Increase	USD	10,800	10,800	20,000	20,000
JM	Spec	Mnths 3-11	Increase	USD	2,585	2,350	3,850	3,500
JM	Hedge/Member	Mnths 3-11	Increase	USD	2,350	2,350	3,500	3,500
JM	Spec	Mnths 12-23	Increase	USD	2,200	2,000	3,300	3,000
JM	Hedge/Member	Mnths 12-23	Increase	USD	2,000	2,000	3,000	3,000
JM	Spec	Mnths 24+	Increase	USD	1,650	1,500	2,750	2,500
JM	Hedge/Member	Mnths 24+	Increase	USD	1,500	1,500	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 NI HUB 5MW REAL TIME O PK (B6)								
B6	Spec	Mnth 1	Increase	USD	39	35	55	50
B6	Hedge/Member	Mnth 1	Increase	USD	35	35	50	50
B6	Spec	Mnth 2	Increase	USD	22	20	44	40
B6	Hedge/Member	Mnth 2	Increase	USD	20	20	40	40
B6	Spec	Mnths 3-11	Increase	USD	17	15	22	20
B6	Hedge/Member	Mnths 3-11	Increase	USD	15	15	20	20
B6	Spec	Mnths 12+	Increase	USD	11	10	17	15
B6	Hedge/Member	Mnths 12+	Increase	USD	10	10	15	15
PJM NI HUB 5MW REAL TIME PK (B3)								
B3	Spec	Mnth 2	Increase	USD	660	600	1,980	1,800
B3	Hedge/Member	Mnth 2	Increase	USD	600	600	1,800	1,800
B3	Spec	Mnths 3-11	Increase	USD	275	250	440	400
B3	Hedge/Member	Mnths 3-11	Increase	USD	250	250	400	400
B3	Spec	Mnths 12+	Increase	USD	275	250	440	400
B3	Hedge/Member	Mnths 12+	Increase	USD	250	250	400	400
PJM NILL DA OFF-PEAK (L3)								
L3	Spec	Mnth 1	Increase	USD	33	30	66	60
L3	Hedge/Member	Mnth 1	Increase	USD	30	30	60	60
L3	Spec	Mnth 2	Increase	USD	17	15	55	50
L3	Hedge/Member	Mnth 2	Increase	USD	15	15	50	50
PJM NILL DA PEAK (N3)								
N3	Spec	Mnth 1	Increase	USD	1,760	1,600	2,420	2,200
N3	Hedge/Member	Mnth 1	Increase	USD	1,600	1,600	2,200	2,200
N3	Spec	Mnth 2	Increase	USD	440	400	1,320	1,200
N3	Hedge/Member	Mnth 2	Increase	USD	400	400	1,200	1,200
N3	Spec	Mnths 3-11	Increase	USD	220	200	275	250
N3	Hedge/Member	Mnths 3-11	Increase	USD	200	200	250	250
N3	Spec	Mnths 12+	Increase	USD	165	150	248	225
N3	Hedge/Member	Mnths 12+	Increase	USD	150	150	225	225

SPAN MINIMUM PERFORMANCE BOND REQUIREMENTS

CC	Rate Type	Description	Change	ISO	Current Initial	Current Maintenance	New Initial	New Maintenance
Outright Rates								
PJM OFF-PEAK LMP FUT (JP)								
JP	Spec	Mnth 1	Increase	USD	10,670	9,700	12,100	11,000
JP	Hedge/Member	Mnth 1	Increase	USD	9,700	9,700	11,000	11,000
JP	Spec	Mnth 2	Increase	USD	5,170	4,700	11,000	10,000
JP	Hedge/Member	Mnth 2	Increase	USD	4,700	4,700	10,000	10,000
JP	Spec	Mnths 3-11	Increase	USD	1,100	1,000	1,650	1,500
JP	Hedge/Member	Mnths 3-11	Increase	USD	1,000	1,000	1,500	1,500
JP	Spec	Mnths 12+	Increase	USD	1,100	1,000	1,650	1,500
JP	Hedge/Member	Mnths 12+	Increase	USD	1,000	1,000	1,500	1,500
PJM PECO Z5 MW OFPK CLM DA LMP (4P)								
4P	Spec	Mnth 1	Increase	USD	55	50	165	150
4P	Hedge/Member	Mnth 1	Increase	USD	50	50	150	150
4P	Spec	Mnth 2	Increase	USD	33	30	99	90
4P	Hedge/Member	Mnth 2	Increase	USD	30	30	90	90
4P	Spec	Mnths 3-11	Increase	USD	33	30	99	90
4P	Hedge/Member	Mnths 3-11	Increase	USD	30	30	90	90
4P	Spec	Mnths 12+	Increase	USD	22	20	66	60
4P	Hedge/Member	Mnths 12+	Increase	USD	20	20	60	60
PJM PECO Z5 MW PK CLM DA LMP (4N)								
4N	Spec	Mnth 1	Increase	USD	2,376	2,160	7,150	6,500
4N	Hedge/Member	Mnth 1	Increase	USD	2,160	2,160	6,500	6,500
4N	Spec	Mnth 2	Increase	USD	880	800	4,620	4,200
4N	Hedge/Member	Mnth 2	Increase	USD	800	800	4,200	4,200
4N	Spec	Mnths 3-11	Increase	USD	385	350	1,100	1,000
4N	Hedge/Member	Mnths 3-11	Increase	USD	350	350	1,000	1,000
4N	Spec	Mnths 12+	Increase	USD	825	750	1,650	1,500
4N	Hedge/Member	Mnths 12+	Increase	USD	750	750	1,500	1,500
PJM PEP CO DA PEAK (R8)								
R8	Spec	Mnth 1	Increase	USD	2,530	2,300	6,600	6,000
R8	Hedge/Member	Mnth 1	Increase	USD	2,300	2,300	6,000	6,000
R8	Spec	Mnth 2	Increase	USD	1,540	1,400	3,850	3,500
R8	Hedge/Member	Mnth 2	Increase	USD	1,400	1,400	3,500	3,500
R8	Spec	Mnths 3-11	Increase	USD	275	250	550	500
R8	Hedge/Member	Mnths 3-11	Increase	USD	250	250	500	500

SPAN MINIMUM PERFORMANCE BOND REQUIREMENTS

CC	Rate Type	Description	Change	ISO	Current Initial	Current Maintenance	New Initial	New Maintenance
Outright Rates								
PJM PPL DA OFF-PEAK (F5)								
F5	Spec	Mnth 1	Increase	USD	50	45	138	125
F5	Hedge/Member	Mnth 1	Increase	USD	45	45	125	125
F5	Spec	Mnth 2	Increase	USD	17	15	55	50
F5	Hedge/Member	Mnth 2	Increase	USD	15	15	50	50
F5	Spec	Mnths 3-11	Increase	USD	17	15	28	25
F5	Hedge/Member	Mnths 3-11	Increase	USD	15	15	25	25
F5	Spec	Mnths 12+	Increase	USD	17	15	28	25
F5	Hedge/Member	Mnths 12+	Increase	USD	15	15	25	25
PJM PPL DA PEAK (L5)								
L5	Spec	Mnth 1	Increase	USD	4,620	4,200	7,150	6,500
L5	Hedge/Member	Mnth 1	Increase	USD	4,200	4,200	6,500	6,500
L5	Spec	Mnth 2	Increase	USD	1,540	1,400	3,850	3,500
L5	Hedge/Member	Mnth 2	Increase	USD	1,400	1,400	3,500	3,500
L5	Spec	Mnths 3-11	Increase	USD	330	300	550	500
L5	Hedge/Member	Mnths 3-11	Increase	USD	300	300	500	500
L5	Spec	Mnths 12+	Increase	USD	495	450	660	600
L5	Hedge/Member	Mnths 12+	Increase	USD	450	450	600	600
PJM PSEG DA OFF-PEAK (W6)								
W6	Spec	Mnth 1	Increase	USD	99	90	220	200
W6	Hedge/Member	Mnth 1	Increase	USD	90	90	200	200
W6	Spec	Mnth 2	Increase	USD	66	60	198	180
W6	Hedge/Member	Mnth 2	Increase	USD	60	60	180	180
W6	Spec	Mnths 3-11	Increase	USD	44	40	88	80
W6	Hedge/Member	Mnths 3-11	Increase	USD	40	40	80	80
W6	Spec	Mnths 12+	Increase	USD	33	30	66	60
W6	Hedge/Member	Mnths 12+	Increase	USD	30	30	60	60
PJM PSEG DA PEAK (L6)								
L6	Spec	Mnth 1	Increase	USD	4,400	4,000	7,810	7,100
L6	Hedge/Member	Mnth 1	Increase	USD	4,000	4,000	7,100	7,100
L6	Spec	Mnth 2	Increase	USD	1,320	1,200	3,520	3,200
L6	Hedge/Member	Mnth 2	Increase	USD	1,200	1,200	3,200	3,200
L6	Spec	Mnths 3-11	Increase	USD	660	600	1,320	1,200
L6	Hedge/Member	Mnths 3-11	Increase	USD	600	600	1,200	1,200
L6	Spec	Mnths 12+	Increase	USD	660	600	1,320	1,200
L6	Hedge/Member	Mnths 12+	Increase	USD	600	600	1,200	1,200

SPAN MINIMUM PERFORMANCE BOND REQUIREMENTS

CC	Rate Type	Description	Change	ISO	Current Initial	Current Maintenance	New Initial	New Maintenance
Outright Rates								
PJM WES HUB PEAK CAL MON REAL TIME (L1)								
L1	Spec	Mth 1	Increase	USD	6,600	6,000	8,800	8,000
L1	Hedge/Member	Mth 1	Increase	USD	6,000	6,000	8,000	8,000
L1	Spec	Mnth 2	Increase	USD	990	900	2,750	2,500
L1	Hedge/Member	Mnth 2	Increase	USD	900	900	2,500	2,500
L1	Spec	Mnths 3-11	Increase	USD	193	175	385	350
L1	Hedge/Member	Mnths 3-11	Increase	USD	175	175	350	350
L1	Spec	Mnths 12+	Increase	USD	165	150	330	300
L1	Hedge/Member	Mnths 12+	Increase	USD	150	150	300	300
PJM WES HUB PEAK LMP 50 MW (4S)								
4S	Spec	Mth 1	Increase	USD	66,000	60,000	88,000	80,000
4S	Hedge/Member	Mth 1	Increase	USD	60,000	60,000	80,000	80,000
4S	Spec	Mnth 2	Increase	USD	9,900	9,000	27,500	25,000
4S	Hedge/Member	Mnth 2	Increase	USD	9,000	9,000	25,000	25,000
4S	Spec	Mnths 3-11	Increase	USD	1,925	1,750	3,850	3,500
4S	Hedge/Member	Mnths 3-11	Increase	USD	1,750	1,750	3,500	3,500
4S	Spec	Mnths 12+	Increase	USD	1,650	1,500	3,300	3,000
4S	Hedge/Member	Mnths 12+	Increase	USD	1,500	1,500	3,000	3,000
PJM WESTERN HUB DA OP DAILY FUT (PWO)								
PWO	Spec		Increase	USD	209	190	660	600
PWO	Hedge/Member		Increase	USD	190	190	600	600
PJM WESTERN HUB DA PEAK DAILY (PWP)								
PWP	Spec		Increase	USD	7,700	7,000	19,800	18,000
PWP	Hedge/Member		Increase	USD	7,000	7,000	18,000	18,000
PJM WESTERN HUB RT OP DAILY (WOR)								
WOR	Spec		Increase	USD	286	260	825	750
WOR	Hedge/Member		Increase	USD	260	260	750	750
PJM WESTH DA OFF-PEAK (E4)								
E4	Spec	Mnth 1	Increase	USD	50	45	138	125
E4	Hedge/Member	Mnth 1	Increase	USD	45	45	125	125
E4	Spec	Mnth 2	Increase	USD	33	30	99	90
E4	Hedge/Member	Mnth 2	Increase	USD	30	30	90	90
E4	Spec	Mnths 3-11	Increase	USD	17	15	22	20
E4	Hedge/Member	Mnths 3-11	Increase	USD	15	15	20	20
E4	Spec	Mnths 12+	Increase	USD	11	10	17	15
E4	Hedge/Member	Mnths 12+	Increase	USD	10	10	15	15

SPAN MINIMUM PERFORMANCE BOND REQUIREMENTS

CC	Rate Type	Description	Change	ISO	Current Initial	Current Maintenance	New Initial	New Maintenance
Outright Rates								
PJM WESTH RT OFF-PEAK (N9)								
N9	Spec	Mnth 1	Increase	USD	61	55	99	90
N9	Hedge/Member	Mnth 1	Increase	USD	55	55	90	90
N9	Spec	Mnth 2	Increase	USD	33	30	99	90
N9	Hedge/Member	Mnth 2	Increase	USD	30	30	90	90
N9	Spec	Mnths 3-11	Increase	USD	17	15	22	20
N9	Hedge/Member	Mnths 3-11	Increase	USD	15	15	20	20
N9	Spec	Mnths 12+	Increase	USD	11	10	17	15
N9	Hedge/Member	Mnths 12+	Increase	USD	10	10	15	15
PJM WESTHDA PEAK (J4)								
J4	Spec	Mnth 1	Increase	USD	4,400	4,000	8,250	7,500
J4	Hedge/Member	Mnth 1	Increase	USD	4,000	4,000	7,500	7,500
J4	Spec	Mnth 2	Increase	USD	1,210	1,100	3,300	3,000
J4	Hedge/Member	Mnth 2	Increase	USD	1,100	1,100	3,000	3,000
J4	Spec	Mnths 3-11	Increase	USD	220	200	440	400
J4	Hedge/Member	Mnths 3-11	Increase	USD	200	200	400	400
J4	Spec	Mnths 12+	Increase	USD	330	300	440	400
J4	Hedge/Member	Mnths 12+	Increase	USD	300	300	400	400

SPAN MINIMUM PERFORMANCE BOND REQUIREMENTS

CC	Rate Type	Description	Change	ISO	Current Initial	Current Maintenance	New Initial	New Maintenance
Outright Rates								
EQUITY INDEX - Outright Rates								
\$10DOW JONES FUTURES (11)								
11	Spec		Increase	USD	6,600	6,000	7,150	6,500
11	Hedge/Member		Increase	USD	6,000	6,000	6,500	6,500
\$25 DOW JONES FUTURES (DO)								
DO	Spec		Increase	USD	16,500	15,000	17,875	16,250
DO	Hedge/Member		Increase	USD	15,000	15,000	16,250	16,250
EMINI MIDCAP FUTURES (ME)								
ME	Spec		Increase	USD	6,050	5,500	6,875	6,250
ME	Hedge/Member		Increase	USD	5,500	5,500	6,250	6,250
E-MINI NASDAQ 100 FUTURES (NQ)								
NQ	Spec		Increase	USD	3,080	2,800	3,245	2,950
NQ	Hedge/Member		Increase	USD	2,800	2,800	2,950	2,950
E-MINI S&P 500 FUTURES (ES)								
ES	Spec		Increase	USD	4,510	4,100	4,758	4,325
ES	Hedge/Member		Increase	USD	4,100	4,100	4,325	4,325
EMINI SP500 - FINANCIAL SECT INDEX (XAF)								
XAF	Spec		Increase	USD	2,200	2,000	2,420	2,200
XAF	Hedge/Member		Increase	USD	2,000	2,000	2,200	2,200
EMINI SP500- HEALTH CARE SECT INDEX (XAV)								
XAV	Spec		Increase	USD	1,980	1,800	2,090	1,900
XAV	Hedge/Member		Increase	USD	1,800	1,800	1,900	1,900
EMINI SP500-INDUSTRIAL SECTOR INDEX (XAI)								
XAI	Spec		Increase	USD	1,760	1,600	2,530	2,300
XAI	Hedge/Member		Increase	USD	1,600	1,600	2,300	2,300
EMINI SP500-TECHNOLOGY SECTOR INDEX (XAK)								
XAK	Spec		Increase	USD	1,100	1,000	1,320	1,200
XAK	Hedge/Member		Increase	USD	1,000	1,000	1,200	1,200
MINI DOW JONES INDEX (YM)								
YM	Spec		Increase	USD	3,300	3,000	3,575	3,250
YM	Hedge/Member		Increase	USD	3,000	3,000	3,250	3,250
NASDAQ 100 FUTURES (ND)								
ND	Spec		Increase	USD	15,400	14,000	16,225	14,750
ND	Hedge/Member		Increase	USD	14,000	14,000	14,750	14,750

SPAN MINIMUM PERFORMANCE BOND REQUIREMENTS

CC	Rate Type	Description	Change	ISO	Current Initial	Current Maintenance	New Initial	New Maintenance
Outright Rates								
S&P 400 FUTURES (MD)								
MD	Spec		Increase	USD	30,250	27,500	34,375	31,250
MD	Hedge/Member		Increase	USD	27,500	27,500	31,250	31,250
S&P 500 FUTURES (SP)								
SP	Spec		Increase	USD	22,550	20,500	23,788	21,625
SP	Hedge/Member		Increase	USD	20,500	20,500	21,625	21,625
S&P/ CITIGROUP GROWTH INDEX FUTURES (SG)								
SG	Spec		Increase	USD	12,650	11,500	13,338	12,125
SG	Hedge/Member		Increase	USD	11,500	11,500	12,125	12,125
S&P/ CITIGROUP VALUE FUTURES (SU)								
SU	Spec		Increase	USD	9,900	9,000	10,450	9,500
SU	Hedge/Member		Increase	USD	9,000	9,000	9,500	9,500
SP 500 - INDUSTRIAL SEL SECTOR SYNT (1IT)								
1IT	Spec		Increase	USD	1,760	1,600	2,530	2,300
1IT	Hedge/Member		Increase	USD	1,600	1,600	2,300	2,300
SP 500 FINANCIAL SECTOR TIC (XFT)								
XFT	Spec		Increase	USD	2,200	2,000	2,420	2,200
XFT	Hedge/Member		Increase	USD	2,000	2,000	2,200	2,200
SP 500 FINANCIAL SLCT SEC SYNT (1FT)								
1FT	Spec		Increase	USD	2,200	2,000	2,420	2,200
1FT	Hedge/Member		Increase	USD	2,000	2,000	2,200	2,200
SP 500 HEALTH CARE SECTOR SYNTHETIC (1VT)								
1VT	Spec		Increase	USD	1,980	1,800	2,090	1,900
1VT	Hedge/Member		Increase	USD	1,800	1,800	1,900	1,900
SP 500 HEALTH CARE SECTOR TIC (XVT)								
XVT	Spec		Increase	USD	1,980	1,800	2,090	1,900
XVT	Hedge/Member		Increase	USD	1,800	1,800	1,900	1,900
SP 500 INDUSTRIAL SECTOR TIC (XIT)								
XIT	Spec		Increase	USD	1,760	1,600	2,530	2,300
XIT	Hedge/Member		Increase	USD	1,600	1,600	2,300	2,300
SP 500 TECHNOLOGY SECTOR SYNTH (1KT)								
1KT	Spec		Increase	USD	1,100	1,000	1,320	1,200
1KT	Hedge/Member		Increase	USD	1,000	1,000	1,200	1,200

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

SP 500 TECHNOLOGY SECTOR TIC (XKT)

XKT	Spec		Increase	USD	1,100	1,000	1,320	1,200
XKT	Hedge/Member		Increase	USD	1,000	1,000	1,200	1,200

FREIGHT - Outright Rates

TC2 ROTTERDAM TO USAC 37K MT (TM)

TM	Spec	Mnth 1	Increase	USD	4,125	3,750	4,675	4,250
TM	Hedge/Member	Mnth 1	Increase	USD	3,750	3,750	4,250	4,250
TM	Spec	Mnths 2+	Increase	USD	2,200	2,000	2,750	2,500
TM	Hedge/Member	Mnths 2+	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
Outright Rates								
NATURAL GAS - Outright Rates								
ALGON CITY GATES NAT GAS INDEX FUT (N7)								
N7	Spec	Mths 1 - 2	Increase	USD	19,800	18,000	33,000	30,000
N7	Hedge/Member	Mths 1 - 2	Increase	USD	18,000	18,000	30,000	30,000
ALGONQUIN CITYGATES BASIS (B4)								
B4	Spec	Mnth 1	Increase	USD	14,850	13,500	28,600	26,000
B4	Hedge/Member	Mnth 1	Increase	USD	13,500	13,500	26,000	26,000
ALGONQUIN CITY-GATES NAT SWING FUT (C8)								
C8	Spec		Increase	USD	27,500	25,000	82,500	75,000
C8	Hedge/Member		Increase	USD	25,000	25,000	75,000	75,000
DAWN BASIS FUT (DW)								
DW	Spec	Mnth 1	Increase	USD	220	200	550	500
DW	Hedge/Member	Mnth 1	Increase	USD	200	200	500	500
DW	Spec	Mnths 2+	Increase	USD	198	180	440	400
DW	Hedge/Member	Mnths 2+	Increase	USD	180	180	400	400
DOMINION (IFERC) FIXED PRICE FUT (DSF)								
DSF	Spec	Mnth 1	Increase	USD	880	800	1,210	1,100
DSF	Hedge/Member	Mnth 1	Increase	USD	800	800	1,100	1,100
DSF	Spec	Mnths 2+	Increase	USD	880	800	1,210	1,100
DSF	Hedge/Member	Mnths 2+	Increase	USD	800	800	1,100	1,100
DOMINION-APPALACHIA SWING FUT (SH)								
SH	Spec		Increase	USD	1,100	1,000	2,200	2,000
SH	Hedge/Member		Increase	USD	1,000	1,000	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								
E-MINI NATURAL GAS FUTURES (QG)								
QG	Spec	Mth 1	Increase	USD	825	750	990	900
QG	Hedge/Member	Mth 1	Increase	USD	750	750	900	900
QG	Spec	Mth 2	Increase	USD	798	725	894	813
QG	Hedge/Member	Mth 2	Increase	USD	725	725	813	813
QG	Spec	Summer 2014	Increase	USD	468	425	509	463
QG	Hedge/Member	Summer 2014	Increase	USD	425	425	463	463
QG	Spec	Winter 2014/2015	Increase	USD	461	419	502	456
QG	Hedge/Member	Winter 2014/2015	Increase	USD	419	419	456	456
QG	Spec	Summer 2015	Increase	USD	385	350	426	388
QG	Hedge/Member	Summer 2015	Increase	USD	350	350	388	388
QG	Spec	Nov 2015 - Oct 2016	Increase	USD	385	350	426	388
QG	Hedge/Member	Nov 2015 - Oct 2016	Increase	USD	350	350	388	388
QG	Spec	Nov 2016 - Oct 2017	Increase	USD	358	325	399	363
QG	Hedge/Member	Nov 2016 - Oct 2017	Increase	USD	325	325	363	363
QG	Spec	Nov 2017 - Oct 2018	Increase	USD	454	413	495	450
QG	Hedge/Member	Nov 2017 - Oct 2018	Increase	USD	413	413	450	450
QG	Spec	Nov 2018+	Increase	USD	564	513	605	550
QG	Hedge/Member	Nov 2018+	Increase	USD	513	513	550	550

SPAN MINIMUM PERFORMANCE BOND REQUIREMENTS

CC	Rate Type	Description	Change	ISO	Current Initial	Current Maintenance	New Initial	New Maintenance
Outright Rates								
HENRY HUB FUT (NN)								
NN	Spec	Mth 1	Increase	USD	825	750	990	900
NN	Hedge/Member	Mth 1	Increase	USD	750	750	900	900
NN	Spec	Mth 2	Increase	USD	798	725	894	813
NN	Hedge/Member	Mth 2	Increase	USD	725	725	813	813
NN	Spec	Summer 2014	Increase	USD	468	425	509	463
NN	Hedge/Member	Summer 2014	Increase	USD	425	425	463	463
NN	Spec	Winter 2014/2015	Increase	USD	461	419	502	456
NN	Hedge/Member	Winter 2014/2015	Increase	USD	419	419	456	456
NN	Spec	Summer 2015	Increase	USD	385	350	426	388
NN	Hedge/Member	Summer 2015	Increase	USD	350	350	388	388
NN	Spec	Nov 2015 - Oct 2016	Increase	USD	385	350	426	388
NN	Hedge/Member	Nov 2015 - Oct 2016	Increase	USD	350	350	388	388
NN	Spec	Nov 2016 - Oct 2017	Increase	USD	358	325	399	363
NN	Hedge/Member	Nov 2016 - Oct 2017	Increase	USD	325	325	363	363
NN	Spec	Nov 2017 - Oct 2018	Increase	USD	454	413	495	450
NN	Hedge/Member	Nov 2017 - Oct 2018	Increase	USD	413	413	450	450
NN	Spec	Nov 2018+	Increase	USD	564	513	605	550
NN	Hedge/Member	Nov 2018+	Increase	USD	513	513	550	550

SPAN MINIMUM PERFORMANCE BOND REQUIREMENTS

CC	Rate Type	Description	Change	ISO	Current Initial	Current Maintenance	New Initial	New Maintenance
Outright Rates								
HENRY HUB FUT TRADE AT SETTLEMENT (NNT)								
NNT	Spec	Mth 1	Increase	USD	825	750	990	900
NNT	Hedge/Member	Mth 1	Increase	USD	750	750	900	900
NNT	Spec	Mth 2	Increase	USD	798	725	894	813
NNT	Hedge/Member	Mth 2	Increase	USD	725	725	813	813
NNT	Spec	Summer 2014	Increase	USD	468	425	509	463
NNT	Hedge/Member	Summer 2014	Increase	USD	425	425	463	463
NNT	Spec	Winter 2014/2015	Increase	USD	461	419	502	456
NNT	Hedge/Member	Winter 2014/2015	Increase	USD	419	419	456	456
NNT	Spec	Summer 2015	Increase	USD	385	350	426	388
NNT	Hedge/Member	Summer 2015	Increase	USD	350	350	388	388
NNT	Spec	Nov 2015 - Oct 2016	Increase	USD	385	350	426	388
NNT	Hedge/Member	Nov 2015 - Oct 2016	Increase	USD	350	350	388	388
NNT	Spec	Nov 2016 - Oct 2017	Increase	USD	358	325	399	363
NNT	Hedge/Member	Nov 2016 - Oct 2017	Increase	USD	325	325	363	363
NNT	Spec	Nov 2017 - Oct 2018	Increase	USD	454	413	495	450
NNT	Hedge/Member	Nov 2017 - Oct 2018	Increase	USD	413	413	450	450
NNT	Spec	Nov 2018+	Increase	USD	564	513	605	550
NNT	Hedge/Member	Nov 2018+	Increase	USD	513	513	550	550
HENRY HUB IFERC FIXED PRICE FUT (HHS)								
HHS	Spec	Mnth 1	Increase	USD	798	725	1,320	1,200
HHS	Hedge/Member	Mnth 1	Increase	USD	725	725	1,200	1,200
HHS	Spec	Mnths 2+	Increase	USD	721	655	990	900
HHS	Hedge/Member	Mnths 2+	Increase	USD	655	655	900	900

SPAN MINIMUM PERFORMANCE BOND REQUIREMENTS

CC	Rate Type	Description	Change	ISO	Current Initial	Current Maintenance	New Initial	New Maintenance
Outright Rates								
HENRY HUB NAT GAS LAST DAY DELV (MNG)								
MNG	Spec	Mth 1	Increase	USD	825	750	990	900
MNG	Hedge/Member	Mth 1	Increase	USD	750	750	900	900
MNG	Spec	Mth 2	Increase	USD	798	725	894	813
MNG	Hedge/Member	Mth 2	Increase	USD	725	725	813	813
MNG	Spec	Summer 2014	Increase	USD	468	425	509	463
MNG	Hedge/Member	Summer 2014	Increase	USD	425	425	463	463
MNG	Spec	Winter 2014/2015	Increase	USD	461	419	502	456
MNG	Hedge/Member	Winter 2014/2015	Increase	USD	419	419	456	456
MNG	Spec	Summer 2015	Increase	USD	385	350	426	388
MNG	Hedge/Member	Summer 2015	Increase	USD	350	350	388	388
MNG	Spec	Nov 2015 - Oct 2016	Increase	USD	385	350	426	388
MNG	Hedge/Member	Nov 2015 - Oct 2016	Increase	USD	350	350	388	388
MNG	Spec	Nov 2016 - Oct 2017	Increase	USD	358	325	399	363
MNG	Hedge/Member	Nov 2016 - Oct 2017	Increase	USD	325	325	363	363
MNG	Spec	Nov 2017 - Oct 2018	Increase	USD	454	413	495	450
MNG	Hedge/Member	Nov 2017 - Oct 2018	Increase	USD	413	413	450	450
MNG	Spec	Nov 2018+	Increase	USD	564	513	605	550
MNG	Hedge/Member	Nov 2018+	Increase	USD	513	513	550	550

SPAN MINIMUM PERFORMANCE BOND REQUIREMENTS

CC	Rate Type	Description	Change	ISO	Current Initial	Current Maintenance	New Initial	New Maintenance
Outright Rates								
HENRY HUB PENULTIMATE (NP)								
NP	Spec	Mth 1	Increase	USD	825	750	990	900
NP	Hedge/Member	Mth 1	Increase	USD	750	750	900	900
NP	Spec	Mth 2	Increase	USD	798	725	894	813
NP	Hedge/Member	Mth 2	Increase	USD	725	725	813	813
NP	Spec	Summer 2014	Increase	USD	468	425	509	463
NP	Hedge/Member	Summer 2014	Increase	USD	425	425	463	463
NP	Spec	Winter 2014/2015	Increase	USD	461	419	502	456
NP	Hedge/Member	Winter 2014/2015	Increase	USD	419	419	456	456
NP	Spec	Summer 2015	Increase	USD	385	350	426	388
NP	Hedge/Member	Summer 2015	Increase	USD	350	350	388	388
NP	Spec	Nov 2015 - Oct 2016	Increase	USD	385	350	426	388
NP	Hedge/Member	Nov 2015 - Oct 2016	Increase	USD	350	350	388	388
NP	Spec	Nov 2016 - Oct 2017	Increase	USD	358	325	399	363
NP	Hedge/Member	Nov 2016 - Oct 2017	Increase	USD	325	325	363	363
NP	Spec	Nov 2017 - Oct 2018	Increase	USD	454	413	495	450
NP	Hedge/Member	Nov 2017 - Oct 2018	Increase	USD	413	413	450	450
NP	Spec	Nov 2018+	Increase	USD	564	513	605	550
NP	Hedge/Member	Nov 2018+	Increase	USD	513	513	550	550

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	Increase	USD	3,300	3,000	3,960	3,600
HHT	Hedge/Member	Mth 1	Increase	USD	3,000	3,000	3,600	3,600
HHT	Spec	Mth 2	Increase	USD	3,190	2,900	3,575	3,250
HHT	Hedge/Member	Mth 2	Increase	USD	2,900	2,900	3,250	3,250
HHT	Spec	Summer 2014	Increase	USD	1,870	1,700	2,035	1,850
HHT	Hedge/Member	Summer 2014	Increase	USD	1,700	1,700	1,850	1,850
HHT	Spec	Winter 2014/2015	Increase	USD	1,843	1,675	2,008	1,825
HHT	Hedge/Member	Winter 2014/2015	Increase	USD	1,675	1,675	1,825	1,825
HHT	Spec	Summer 2015	Increase	USD	1,540	1,400	1,705	1,550
HHT	Hedge/Member	Summer 2015	Increase	USD	1,400	1,400	1,550	1,550
HHT	Spec	Nov 2015 - Oct 2016	Increase	USD	1,540	1,400	1,705	1,550
HHT	Hedge/Member	Nov 2015 - Oct 2016	Increase	USD	1,400	1,400	1,550	1,550
HHT	Spec	Nov 2016 - Oct 2017	Increase	USD	1,430	1,300	1,595	1,450
HHT	Hedge/Member	Nov 2016 - Oct 2017	Increase	USD	1,300	1,300	1,450	1,450
HHT	Spec	Nov 2017 - Oct 2018	Increase	USD	1,815	1,650	1,980	1,800
HHT	Hedge/Member	Nov 2017 - Oct 2018	Increase	USD	1,650	1,650	1,800	1,800
HHT	Spec	Nov 2018+	Increase	USD	2,255	2,050	2,420	2,200
HHT	Hedge/Member	Nov 2018+	Increase	USD	2,050	2,050	2,200	2,200

SPAN MINIMUM PERFORMANCE BOND REQUIREMENTS

CC	Rate Type	Description	Change	ISO	Current Initial	Current Maintenance	New Initial	New Maintenance
Outright Rates								
NATURAL GAS HENRY HUB FUTURE (NG)								
NG	Spec	Mth 1	Increase	USD	3,300	3,000	3,960	3,600
NG	Hedge/Member	Mth 1	Increase	USD	3,000	3,000	3,600	3,600
NG	Spec	Mth 2	Increase	USD	3,190	2,900	3,575	3,250
NG	Hedge/Member	Mth 2	Increase	USD	2,900	2,900	3,250	3,250
NG	Spec	Summer 2014	Increase	USD	1,870	1,700	2,035	1,850
NG	Hedge/Member	Summer 2014	Increase	USD	1,700	1,700	1,850	1,850
NG	Spec	Winter 2014/2015	Increase	USD	1,843	1,675	2,008	1,825
NG	Hedge/Member	Winter 2014/2015	Increase	USD	1,675	1,675	1,825	1,825
NG	Spec	Summer 2015	Increase	USD	1,540	1,400	1,705	1,550
NG	Hedge/Member	Summer 2015	Increase	USD	1,400	1,400	1,550	1,550
NG	Spec	Nov 2015 - Oct 2016	Increase	USD	1,540	1,400	1,705	1,550
NG	Hedge/Member	Nov 2015 - Oct 2016	Increase	USD	1,400	1,400	1,550	1,550
NG	Spec	Nov 2016 - Oct 2017	Increase	USD	1,430	1,300	1,595	1,450
NG	Hedge/Member	Nov 2016 - Oct 2017	Increase	USD	1,300	1,300	1,450	1,450
NG	Spec	Nov 2017 - Oct 2018	Increase	USD	1,815	1,650	1,980	1,800
NG	Hedge/Member	Nov 2017 - Oct 2018	Increase	USD	1,650	1,650	1,800	1,800
NG	Spec	Nov 2018+	Increase	USD	2,255	2,050	2,420	2,200
NG	Hedge/Member	Nov 2018+	Increase	USD	2,050	2,050	2,200	2,200

SPAN MINIMUM PERFORMANCE BOND REQUIREMENTS

CC	Rate Type	Description	Change	ISO	Current Initial	Current Maintenance	New Initial	New Maintenance
Outright Rates								
NATURAL GAS TRADE AT SETTLEMENT (NGT)								
NGT	Spec	Mth 1	Increase	USD	3,300	3,000	3,960	3,600
NGT	Hedge/Member	Mth 1	Increase	USD	3,000	3,000	3,600	3,600
NGT	Spec	Mth 2	Increase	USD	3,190	2,900	3,575	3,250
NGT	Hedge/Member	Mth 2	Increase	USD	2,900	2,900	3,250	3,250
NGT	Spec	Summer 2014	Increase	USD	1,870	1,700	2,035	1,850
NGT	Hedge/Member	Summer 2014	Increase	USD	1,700	1,700	1,850	1,850
NGT	Spec	Winter 2014/2015	Increase	USD	1,843	1,675	2,008	1,825
NGT	Hedge/Member	Winter 2014/2015	Increase	USD	1,675	1,675	1,825	1,825
NGT	Spec	Summer 2015	Increase	USD	1,540	1,400	1,705	1,550
NGT	Hedge/Member	Summer 2015	Increase	USD	1,400	1,400	1,550	1,550
NGT	Spec	Nov 2015 - Oct 2016	Increase	USD	1,540	1,400	1,705	1,550
NGT	Hedge/Member	Nov 2015 - Oct 2016	Increase	USD	1,400	1,400	1,550	1,550
NGT	Spec	Nov 2016 - Oct 2017	Increase	USD	1,430	1,300	1,595	1,450
NGT	Hedge/Member	Nov 2016 - Oct 2017	Increase	USD	1,300	1,300	1,450	1,450
NGT	Spec	Nov 2017 - Oct 2018	Increase	USD	1,815	1,650	1,980	1,800
NGT	Hedge/Member	Nov 2017 - Oct 2018	Increase	USD	1,650	1,650	1,800	1,800
NGT	Spec	Nov 2018+	Increase	USD	2,255	2,050	2,420	2,200
NGT	Hedge/Member	Nov 2018+	Increase	USD	2,050	2,050	2,200	2,200

SPAN MINIMUM PERFORMANCE BOND REQUIREMENTS

CC	Rate Type	Description	Change	ISO	Current Initial	Current Maintenance	New Initial	New Maintenance
Outright Rates								
NYMEX NATURAL GAS (H.HUB LTD) FUT (HH)								
HH	Spec	Mth 1	Increase	USD	3,300	3,000	3,960	3,600
HH	Hedge/Member	Mth 1	Increase	USD	3,000	3,000	3,600	3,600
HH	Spec	Mth 2	Increase	USD	3,190	2,900	3,575	3,250
HH	Hedge/Member	Mth 2	Increase	USD	2,900	2,900	3,250	3,250
HH	Spec	Summer 2014	Increase	USD	1,870	1,700	2,035	1,850
HH	Hedge/Member	Summer 2014	Increase	USD	1,700	1,700	1,850	1,850
HH	Spec	Winter 2014/2015	Increase	USD	1,843	1,675	2,008	1,825
HH	Hedge/Member	Winter 2014/2015	Increase	USD	1,675	1,675	1,825	1,825
HH	Spec	Summer 2015	Increase	USD	1,540	1,400	1,705	1,550
HH	Hedge/Member	Summer 2015	Increase	USD	1,400	1,400	1,550	1,550
HH	Spec	Nov 2015 - Oct 2016	Increase	USD	1,540	1,400	1,705	1,550
HH	Hedge/Member	Nov 2015 - Oct 2016	Increase	USD	1,400	1,400	1,550	1,550
HH	Spec	Nov 2016 - Oct 2017	Increase	USD	1,430	1,300	1,595	1,450
HH	Hedge/Member	Nov 2016 - Oct 2017	Increase	USD	1,300	1,300	1,450	1,450
HH	Spec	Nov 2017 - Oct 2018	Increase	USD	1,815	1,650	1,980	1,800
HH	Hedge/Member	Nov 2017 - Oct 2018	Increase	USD	1,650	1,650	1,800	1,800
HH	Spec	Nov 2018+	Increase	USD	2,255	2,050	2,420	2,200
HH	Hedge/Member	Nov 2018+	Increase	USD	2,050	2,050	2,200	2,200

SPAN MINIMUM PERFORMANCE BOND REQUIREMENTS

CC	Rate Type	Description	Change	ISO	Current Initial	Current Maintenance	New Initial	New Maintenance
Outright Rates								
NYMEX NATURAL GAS FUTURES (HP)								
HP	Spec	Mth 1	Increase	USD	3,300	3,000	3,960	3,600
HP	Hedge/Member	Mth 1	Increase	USD	3,000	3,000	3,600	3,600
HP	Spec	Mth 2	Increase	USD	3,190	2,900	3,575	3,250
HP	Hedge/Member	Mth 2	Increase	USD	2,900	2,900	3,250	3,250
HP	Spec	Summer 2014	Increase	USD	1,870	1,700	2,035	1,850
HP	Hedge/Member	Summer 2014	Increase	USD	1,700	1,700	1,850	1,850
HP	Spec	Winter 2014/2015	Increase	USD	1,843	1,675	2,008	1,825
HP	Hedge/Member	Winter 2014/2015	Increase	USD	1,675	1,675	1,825	1,825
HP	Spec	Summer 2015	Increase	USD	1,540	1,400	1,705	1,550
HP	Hedge/Member	Summer 2015	Increase	USD	1,400	1,400	1,550	1,550
HP	Spec	Nov 2015 - Oct 2016	Increase	USD	1,540	1,400	1,705	1,550
HP	Hedge/Member	Nov 2015 - Oct 2016	Increase	USD	1,400	1,400	1,550	1,550
HP	Spec	Nov 2016 - Oct 2017	Increase	USD	1,430	1,300	1,595	1,450
HP	Hedge/Member	Nov 2016 - Oct 2017	Increase	USD	1,300	1,300	1,450	1,450
HP	Spec	Nov 2017 - Oct 2018	Increase	USD	1,815	1,650	1,980	1,800
HP	Hedge/Member	Nov 2017 - Oct 2018	Increase	USD	1,650	1,650	1,800	1,800
HP	Spec	Nov 2018+	Increase	USD	2,255	2,050	2,420	2,200
HP	Hedge/Member	Nov 2018+	Increase	USD	2,050	2,050	2,200	2,200
PG&E CITYGATE SWING FUT (SK)								
SK	Spec		Increase	USD	1,980	1,800	3,300	3,000
SK	Hedge/Member		Increase	USD	1,800	1,800	3,000	3,000
PGE&E CITYGATE (PC)								
PC	Spec	Mnth 1-2	Increase	USD	495	450	605	550
PC	Hedge/Member	Mnth 1-2	Increase	USD	450	450	550	550
TCO NG INDEX FUT (Q1)								
Q1	Spec	Mnth 1-2	Increase	USD	825	750	1,100	1,000
Q1	Hedge/Member	Mnth 1-2	Increase	USD	750	750	1,000	1,000
TCO NG SWING (A1)								
A1	Spec		Increase	USD	825	750	1,650	1,500
A1	Hedge/Member		Increase	USD	750	750	1,500	1,500

SPAN MINIMUM PERFORMANCE BOND REQUIREMENTS

CC	Rate Type	Description	Change	ISO	Current Initial	Current Maintenance	New Initial	New Maintenance
Outright Rates								
TENN 800 LEG NAT GAS INDEX FUT (L4)								
L4	Spec	Mnths 1-2	Increase	USD	770	700	1,100	1,000
L4	Hedge/Member	Mnths 1-2	Increase	USD	700	700	1,000	1,000
TENNESSEE 500 LEG BASIS FUT (NM)								
NM	Spec	Mnth 1	Increase	USD	55	50	110	100
NM	Hedge/Member	Mnth 1	Increase	USD	50	50	100	100
NM	Spec	Mnths 2+	Increase	USD	55	50	110	100
NM	Hedge/Member	Mnths 2+	Increase	USD	50	50	100	100
TENNESSEE 800 LEG NAT GAS SWING (W5)								
W5	Spec		Increase	USD	660	600	1,100	1,000
W5	Hedge/Member		Increase	USD	600	600	1,000	1,000
TENNESSEE ZONE 0 NG SWING (T4)								
T4	Spec	All Months	Increase	USD	880	800	1,650	1,500
T4	Hedge/Member	All Months	Increase	USD	800	800	1,500	1,500
TENNESSEE ZONE 0 BASIS FUT (NQ)								
NQ	Spec	Mnth 1	Increase	USD	165	150	330	300
NQ	Hedge/Member	Mnth 1	Increase	USD	150	150	300	300
NQ	Spec	Mnths 2+	Increase	USD	83	75	165	150
NQ	Hedge/Member	Mnths 2+	Increase	USD	75	75	150	150
TETCO M-3 INDEX (IX)								
IX	Spec	Mnths 1-2	Increase	USD	4,400	4,000	13,200	12,000
IX	Hedge/Member	Mnths 1-2	Increase	USD	4,000	4,000	12,000	12,000
TEXAS EASTERN ZONE M-3 BASIS FUT (NX)								
NX	Spec	Mth 1	Increase	USD	3,850	3,500	11,000	10,000
NX	Hedge/Member	Mth 1	Increase	USD	3,500	3,500	10,000	10,000
NX	Spec	Winter 2014/2015	Increase	USD	770	700	2,200	2,000
NX	Hedge/Member	Winter 2014/2015	Increase	USD	700	700	2,000	2,000
TRANSCO ZONE 5 GAS SWING FUT (TZ5)								
TZ5	Spec	All Months	Increase	USD	3,300	3,000	6,600	6,000
TZ5	Hedge/Member	All Months	Increase	USD	3,000	3,000	6,000	6,000

SPAN MINIMUM PERFORMANCE BOND REQUIREMENTS

CC	Rate Type	Description	Change	ISO	Current Initial	Current Maintenance	New Initial	New Maintenance
Outright Rates								
TRANSCO ZONE 6 BASIS FUT (NZ)								
NZ	Spec	Mnth 1	Increase	USD	8,800	8,000	26,400	24,000
NZ	Hedge/Member	Mnth 1	Increase	USD	8,000	8,000	24,000	24,000
NZ	Spec	Winter 2014/2015	Increase	USD	2,200	2,000	4,400	4,000
NZ	Hedge/Member	Winter 2014/2015	Increase	USD	2,000	2,000	4,000	4,000
TRANSCO ZONE 6 GAS SWING FUT (TZS)								
TZS	Spec	All Months	Increase	USD	12,870	11,700	25,300	23,000
TZS	Hedge/Member	All Months	Increase	USD	11,700	11,700	23,000	23,000
TRANSCO ZONE 6 INDEX (IT)								
IT	Spec	Mnth 1-2	Increase	USD	33,000	30,000	66,000	60,000
IT	Hedge/Member	Mnth 1-2	Increase	USD	30,000	30,000	60,000	60,000
TRANSCO ZONE 6 NON NY BASIS FUT (TZ6)								
TZ6	Spec	Mnth 1	Increase	USD	4,950	4,500	8,800	8,000
TZ6	Hedge/Member	Mnth 1	Increase	USD	4,500	4,500	8,000	8,000
TZ6	Spec	Winter 2014/2015	Increase	USD	1,760	1,600	3,520	3,200
TZ6	Hedge/Member	Winter 2014/2015	Increase	USD	1,600	1,600	3,200	3,200
TZ6	Spec	Apr 2015+	Increase	USD	550	500	1,100	1,000
TZ6	Hedge/Member	Apr 2015+	Increase	USD	500	500	1,000	1,000
TRANSCO ZONE 6 PIPE FUT (XZ)								
XZ	Spec	Mnth 1	Increase	USD	7,480	6,800	13,200	12,000
XZ	Hedge/Member	Mnth 1	Increase	USD	6,800	6,800	12,000	12,000
XZ	Spec	Mnth 2+	Increase	USD	7,480	6,800	13,200	12,000
XZ	Hedge/Member	Mnth 2+	Increase	USD	6,800	6,800	12,000	12,000
TRANSCO ZONE 6 PIPE SWAP (XZW)								
XZW	Spec	Mnth 1	Increase	USD	7,480	6,800	13,200	12,000
XZW	Hedge/Member	Mnth 1	Increase	USD	6,800	6,800	12,000	12,000
XZW	Spec	Mnth 2+	Increase	USD	7,480	6,800	13,200	12,000
XZW	Hedge/Member	Mnth 2+	Increase	USD	6,800	6,800	12,000	12,000
TRANSCO ZONE 6 SWING FUT (ST)								
ST	Spec	All Months	Increase	USD	17,600	16,000	49,500	45,000
ST	Hedge/Member	All Months	Increase	USD	16,000	16,000	45,000	45,000

SPAN MINIMUM PERFORMANCE BOND REQUIREMENTS

CC	Rate Type	Description	Change	ISO	Current Initial	Current Maintenance	New Initial	New Maintenance
Intra Spreads								
COAL - Intra Spreads								
Australian Coking Coal (Platts) Low Vol Swap Futures [All Months] (AUSTRALIAN COKING (PLATTS) LOW VOL)								
ALW	Spec		Increase	USD	2,200	2,000	3,300	3,000
ALW	Hedge/Member		Increase	USD	2,000	2,000	3,000	3,000
Coal (API 2) cif ARA (Argus/McCloskey) Swap Futures - All Months (COAL API2 CIF ARA ARG-MCCLOSKEY FUT)								
MTF	Spec		Increase	USD	1,760	1,600	2,200	2,000
MTF	Hedge/Member		Increase	USD	1,600	1,600	2,000	2,000
Coal (API 8) CFR South China (Argus/McCloskey) Swap Futures - All Months (COAL API 8 CFR SOUTH CHINA)								
SSI	Spec		Increase	USD	1,100	1,000	1,430	1,300
SSI	Hedge/Member		Increase	USD	1,000	1,000	1,300	1,300

SPAN MINIMUM PERFORMANCE BOND REQUIREMENTS

CC	Rate Type	Description	Change	ISO	Current Initial	Current Maintenance	New Initial	New Maintenance
Intra Spreads								
NATURAL GAS - Intra Spreads								
Henry Hub Natural Gas (HH, NG, NN, HP) - Tier 1 vs. Tier 2 (HENRY HUB FUT TRADE AT SETTLEMENT)								
NNT	Spec		Increase	USD	110	100	275	250
NNT	Hedge/Member		Increase	USD	100	100	250	250
Henry Hub Natural Gas (HH, NG, NN, HP) - Tier 1 vs. Tier 2 (HENRY HUB FUT)								
NN	Spec		Increase	USD	110	100	275	250
NN	Hedge/Member		Increase	USD	100	100	250	250
Henry Hub Natural Gas (HH, NG, NN, HP) - Tier 1 vs. Tier 2 (HH TAS NYMEX NATURAL GAS FUTURES)								
HHT	Spec		Increase	USD	440	400	1,100	1,000
HHT	Hedge/Member		Increase	USD	400	400	1,000	1,000
Henry Hub Natural Gas (HH, NG, NN, HP) - Tier 1 vs. Tier 2 (NYMEX NATURAL GAS (H.HUB LTD) FUT)								
HH	Spec		Increase	USD	440	400	1,100	1,000
HH	Hedge/Member		Increase	USD	400	400	1,000	1,000
Henry Hub Natural Gas (NG, NN, HP) - Tier 1 vs. Tier 2 (E-MINI NATURAL GAS FUTURES)								
QG	Spec		Increase	USD	110	100	275	250
QG	Hedge/Member		Increase	USD	100	100	250	250
Henry Hub Natural Gas (NG, NN, HP) - Tier 1 vs. Tier 2 (HENRY HUB NAT GAS LAST DAY DELV)								
MNG	Spec		Increase	USD	110	100	275	250
MNG	Hedge/Member		Increase	USD	100	100	250	250
Henry Hub Natural Gas (NG, NN, HP) - Tier 1 vs. Tier 2 (HENRY HUB PENULTIMATE)								
NP	Spec		Increase	USD	110	100	275	250
NP	Hedge/Member		Increase	USD	100	100	250	250
Henry Hub Natural Gas (NG, NN, HP) - Tier 1 vs. Tier 2 (NATURAL GAS HENRY HUB FUTURE)								
NG	Spec		Increase	USD	440	400	1,100	1,000
NG	Hedge/Member		Increase	USD	400	400	1,000	1,000
Henry Hub Natural Gas (NG, NN, HP) - Tier 1 vs. Tier 2 (NATURAL GAS TRADE AT SETTLEMENT)								
NGT	Spec		Increase	USD	440	400	1,100	1,000
NGT	Hedge/Member		Increase	USD	400	400	1,000	1,000
Henry Hub Natural Gas (NG, NN, HP) - Tier 1 vs. Tier 2 (NYMEX NATURAL GAS FUTURES)								
HP	Spec		Increase	USD	440	400	1,100	1,000
HP	Hedge/Member		Increase	USD	400	400	1,000	1,000

SPAN MINIMUM PERFORMANCE BOND REQUIREMENTS

Rate Type	Tier Description	Change	Current Initial	Current Maintenance	New Initial	New Maintenance
Volatility Scan (volScan) Rate						
CRUDE OIL - Volatility Scan (volScan) Rate						
DATED BRENT (PLATTS) CALENDAR SWAP FUTURES (DBP, UB) - volScan						
Clearing Member Rate	All Months	Increase		0.025		0.050
ELECTRICITY - Volatility Scan (volScan) Rate						
ISO NEW ENGLAND INTERNAL HUB PEAK LMP SWAP FUTURES (NI, OE) - volScan						
Clearing Member Rate	Mnth 1	Increase		0.160		0.320
Clearing Member Rate	Mnth 2	Increase		0.120		0.240
Clearing Member Rate	Mnths 3-5	Increase		0.060		0.120
Clearing Member Rate	Mnths 6-11	Increase		0.040		0.060
PJM PEAK CALENDAR-MONTH LMP SWAP FUTURES (JM, JO, PML) - volScan						
Clearing Member Rate	Mnth 1	Increase		0.250		0.450
Clearing Member Rate	Mnth 2	Increase		0.170		0.300
Clearing Member Rate	Mnths 3-11	Increase		0.050		0.060
Clearing Member Rate	Mnths 12-23	Increase		0.030		0.040
ETHANOL - Volatility Scan (volScan) Rate						
CHICAGO ETHANOL (PLATTS) SWAP FUTURES (CU, CVR) - volScan						
Clearing Member Rate	Mth 1	Increase		0.050		0.100
Clearing Member Rate	Mths 2-7	Increase		0.050		0.070
Clearing Member Rate	Mth 8+	Decrease		0.050		0.040
FREIGHT - Volatility Scan (volScan) Rate						
FREIGHT ROUTE TC2 (BALTIC) SWAP FUTURES (TCW, TM) - volScan						
Clearing Member Rate	Mnth 1	Increase		0.025		0.080
Clearing Member Rate	Mnths 2+	Increase		0.025		0.080

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 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	Increase		0.150		0.220
Clearing Member Rate	Mth 2	Increase		0.060		0.120
Clearing Member Rate	Summer 2014	Increase		0.035		0.045
HENRY HUB NATURAL GAS PENULTIMATE FINANCIAL FUTURES (E7, HH, HP, NP, QG) - volScan						
Clearing Member Rate	Mth 2	Increase		0.060		0.120
Clearing Member Rate	Mth 1	Increase		0.150		0.220
Clearing Member Rate	Summer 2014	Increase		0.035		0.045
NORTHERN ROCKIES PIPE SWAP (XR, ZR) - volScan						
Clearing Member Rate		Increase		0.080		0.110
NYMEX NATURAL GAS (H.HUB LTD) FUT (E7, HH, HHT, NN, NNT) - volScan						
Clearing Member Rate	Mth 1	Increase		0.150		0.220
Clearing Member Rate	Mth 2	Increase		0.060		0.120
Clearing Member Rate	Summer 2014	Increase		0.035		0.045
SOCAL PIPE SWAP (XN, ZN) - volScan						
Clearing Member Rate	Mnth 1	Increase		0.120		0.160
Clearing Member Rate	Mnth 2	Increase		0.080		0.100
NGL/PETROCHEMICALS - Volatility Scan (volScan) Rate						
CONWAY PROPANE 5 DECIMALS (OPIS) SWAP FUTURES (8K, CPR, W1) - volScan						
Clearing Member Rate		Increase		0.080		0.100
MONT BELVIEU LDH PROPANE 5 DECIMALS (OPIS) SWAP FUTURES (4H, 4K, 81, B0, G1, PT) - volScan						
Clearing Member Rate	Mth 1	Increase		0.080		0.100
Clearing Member Rate	Mth 2+	Increase		0.050		0.060
REFINED PRODUCTS - Volatility Scan (volScan) Rate						
EUROPEAN 1% FUEL OIL (PLATTS) BARGES FOB RDAM CALENDAR SWAP FUTURES (EFB, T0, UH) - volScan						
Clearing Member Rate		Increase		0.025		0.050