



14-056

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

FROM: CME Clearing

SUBJECT: Performance Bond Requirements

DATE: Monday, February 03, 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

Tuesday, February 04, 2014.

Current rates as of:

Friday, January 31, 2014.

SPAN MINIMUM PERFORMANCE BOND REQUIREMENTS

CC	Rate Type	Description	Change	ISO	Current Initial	Current Maintenance	New Initial	New Maintenance
Outright Rates								
ELECTRICITY - Outright Rates								
ERCOT NRTH 345 KV HUB 5 MW OFFPK S (I6)								
I6	Spec	Mnths 3-11	Increase	USD	17	15	39	35
I6	Hedge/Member	Mnths 3-11	Increase	USD	15	15	35	35
MISO MICHIGAN HUB OF-PK DA MONTHLY (HMO)								
HMO	Spec	Mnths 2-6	Increase	USD	33	30	44	40
HMO	Hedge/Member	Mnths 2-6	Increase	USD	30	30	40	40
NYISO A OFF-PEAK (KB)								
KB	Spec	Mnths 3-11	Increase	USD	1,925	1,750	2,090	1,900
KB	Hedge/Member	Mnths 3-11	Increase	USD	1,750	1,750	1,900	1,900
NYISO ZONE F 5MW O PK FUT (4M)								
4M	Spec	Mnth 2	Increase	USD	149	135	165	150
4M	Hedge/Member	Mnth 2	Increase	USD	135	135	150	150
NYISO ZONE F 5MW PK FUT (4L)								
4L	Spec	Mnth 1	Increase	USD	3,300	3,000	4,400	4,000
4L	Hedge/Member	Mnth 1	Increase	USD	3,000	3,000	4,000	4,000
4L	Spec	Mnth 2	Increase	USD	3,190	2,900	4,400	4,000
4L	Hedge/Member	Mnth 2	Increase	USD	2,900	2,900	4,000	4,000
NYISO ZONE J 5MW D AH O PK (D4)								
D4	Spec	Mnth 2	Increase	USD	132	120	165	150
D4	Hedge/Member	Mnth 2	Increase	USD	120	120	150	150
PJM AD HUB 5MW REAL TIME O PK (V3)								
V3	Spec	Mnth 1	Increase	USD	66	60	99	90
V3	Hedge/Member	Mnth 1	Increase	USD	60	60	90	90
PJM PSEG DA PEAK (L6)								
L6	Spec	Mnths 3-11	Increase	USD	1,320	1,200	2,750	2,500
L6	Hedge/Member	Mnths 3-11	Increase	USD	1,200	1,200	2,500	2,500
PJM WESTH RT OFF-PEAK (N9)								
N9	Spec	Mnth 1	Increase	USD	99	90	176	160
N9	Hedge/Member	Mnth 1	Increase	USD	90	90	160	160

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								
ANR OKLAHOMA (NE)								
NE	Spec	Mnth 1	Increase	USD	341	310	660	600
NE	Hedge/Member	Mnth 1	Increase	USD	310	310	600	600
CIG BASIS (CI)								
CI	Spec	Mnths 13+	Increase	USD	176	160	220	200
CI	Hedge/Member	Mnths 13+	Increase	USD	160	160	200	200
MICHIGAN BASIS (NF)								
NF	Spec	Mnths 1-2	Increase	USD	352	320	440	400
NF	Hedge/Member	Mnths 1-2	Increase	USD	320	320	400	400
NATURAL GAS PIPELINE TEXOK BASIS FUT (PD)								
PD	Spec	Mnth 1	Increase	USD	72	65	110	100
PD	Hedge/Member	Mnth 1	Increase	USD	65	65	100	100
NGPL MIDCONTINENT BASIS FUT (NL)								
NL	Spec	Mnth 1	Increase	USD	231	210	440	400
NL	Hedge/Member	Mnth 1	Increase	USD	210	210	400	400
NL	Spec	Mnth 2	Increase	USD	231	210	330	300
NL	Hedge/Member	Mnth 2	Increase	USD	210	210	300	300
NL	Spec	Mnths 3-6	Increase	USD	330	300	418	380
NL	Hedge/Member	Mnths 3-6	Increase	USD	300	300	380	380
NL	Spec	Mnths 7-12	Increase	USD	330	300	418	380
NL	Hedge/Member	Mnths 7-12	Increase	USD	300	300	380	380
NORTHWEST PIPELINE BASIS FUT (NR)								
NR	Spec	Mnth 1	Increase	USD	330	300	660	600
NR	Hedge/Member	Mnth 1	Increase	USD	300	300	600	600
NR	Spec	Mnths 2-6	Increase	USD	220	200	286	260
NR	Hedge/Member	Mnths 2-6	Increase	USD	200	200	260	260
NR	Spec	Mnths 7-9	Increase	USD	143	130	176	160
NR	Hedge/Member	Mnths 7-9	Increase	USD	130	130	160	160
NR	Spec	Mnths 10-16	Increase	USD	143	130	176	160
NR	Hedge/Member	Mnths 10-16	Increase	USD	130	130	160	160
NR	Spec	Mnths 17+	Increase	USD	143	130	176	160
NR	Hedge/Member	Mnths 17+	Increase	USD	130	130	160	160
SOCAL PIPE FUT (XN)								
XN	Spec	Mnth 2	Increase	USD	1,100	1,000	1,210	1,100
XN	Hedge/Member	Mnth 2	Increase	USD	1,000	1,000	1,100	1,100

SPAN MINIMUM PERFORMANCE BOND REQUIREMENTS

CC	Rate Type	Description	Change	ISO	Current Initial	Current Maintenance	New Initial	New Maintenance
Outright Rates								
SOUTH STAR TEX OKLHM KNS NG B (8Z)								
8Z	Spec	Mnth 1	Increase	USD	275	250	550	500
8Z	Hedge/Member	Mnth 1	Increase	USD	250	250	500	500
SUMAS BASIS FUT (NK)								
NK	Spec	Mth 1	Increase	USD	495	450	660	600
NK	Hedge/Member	Mth 1	Increase	USD	450	450	600	600
TENNESSEE ZONE 0 BASIS FUT (NQ)								
NQ	Spec	Mnth 1	Increase	USD	330	300	440	400
NQ	Hedge/Member	Mnth 1	Increase	USD	300	300	400	400
TETCO STX BASIS (TX)								
TX	Spec	Mth 1	Increase	USD	176	160	209	190
TX	Hedge/Member	Mth 1	Increase	USD	160	160	190	190
TRANSCO ZONE 6 BASIS FUT (NZ)								
NZ	Spec	Apr 2015+	Increase	USD	880	800	1,760	1,600
NZ	Hedge/Member	Apr 2015+	Increase	USD	800	800	1,600	1,600
TRANSCO ZONE 6 NON NY BASIS FUT (TZ6)								
TZ6	Spec	Winter 2014/2015	Increase	USD	3,520	3,200	4,400	4,000
TZ6	Hedge/Member	Winter 2014/2015	Increase	USD	3,200	3,200	4,000	4,000
VENTURA BASIS FUT (PF)								
PF	Spec	Mnth 1	Increase	USD	853	775	1,650	1,500
PF	Hedge/Member	Mnth 1	Increase	USD	775	775	1,500	1,500

SPAN MINIMUM PERFORMANCE BOND REQUIREMENTS

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Outright Rates								
PETROLEUM CRACKS AND SPREADS - Outright Rates								
GLFCST JET PLATTS UP/DN FUT (ME)								
ME	Spec	Mnth 1	Increase	USD	1,650	1,500	2,750	2,500
ME	Hedge/Member	Mnth 1	Increase	USD	1,500	1,500	2,500	2,500
GLFCST ULSD PLATTS UP/DN FUT (LT)								
LT	Spec	Mth 1	Increase	USD	1,100	1,000	1,650	1,500
LT	Hedge/Member	Mth 1	Increase	USD	1,000	1,000	1,500	1,500
NY HO (PLATTS) VS NY HRBR ULSD (YH)								
YH	Spec		Increase	USD	1,650	1,500	2,310	2,100
YH	Hedge/Member		Increase	USD	1,500	1,500	2,100	2,100
RBOB CRACK SPREAD (RM)								
RM	Spec	Mnth 1	Increase	USD	3,850	3,500	4,125	3,750
RM	Hedge/Member	Mnth 1	Increase	USD	3,500	3,500	3,750	3,750
RM	Spec	Mnths 2-4	Increase	USD	2,640	2,400	2,805	2,550
RM	Hedge/Member	Mnths 2-4	Increase	USD	2,400	2,400	2,550	2,550
RM	Spec	Mnths 5-11	Increase	USD	1,815	1,650	1,925	1,750
RM	Hedge/Member	Mnths 5-11	Increase	USD	1,650	1,650	1,750	1,750
RM	Spec	Mnths 12+	Increase	USD	1,513	1,375	1,595	1,450
RM	Hedge/Member	Mnths 12+	Increase	USD	1,375	1,375	1,450	1,450

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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								
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	330	300	743	675
NNT	Hedge/Member		Increase	USD	300	300	675	675
Henry Hub Natural Gas (HH, NG, NN, HP) - Tier 1 vs. Tier 2 (HENRY HUB FUT)								
NN	Spec		Increase	USD	330	300	743	675
NN	Hedge/Member		Increase	USD	300	300	675	675
Henry Hub Natural Gas (HH, NG, NN, HP) - Tier 1 vs. Tier 2 (HH TAS NYMEX NATURAL GAS FUTURES)								
HHT	Spec		Increase	USD	1,320	1,200	2,970	2,700
HHT	Hedge/Member		Increase	USD	1,200	1,200	2,700	2,700
Henry Hub Natural Gas (HH, NG, NN, HP) - Tier 1 vs. Tier 2 (NYMEX NATURAL GAS (H.HUB LTD) FUT)								
HH	Spec		Increase	USD	1,320	1,200	2,970	2,700
HH	Hedge/Member		Increase	USD	1,200	1,200	2,700	2,700
Henry Hub Natural Gas (HH, NG, NN, HP) - Tier 1 vs. Tier 3 (HENRY HUB FUT TRADE AT SETTLEMENT)								
NNT	Spec		Increase	USD	248	225	399	363
NNT	Hedge/Member		Increase	USD	225	225	363	363
Henry Hub Natural Gas (HH, NG, NN, HP) - Tier 1 vs. Tier 3 (HENRY HUB FUT)								
NN	Spec		Increase	USD	248	225	399	363
NN	Hedge/Member		Increase	USD	225	225	363	363
Henry Hub Natural Gas (HH, NG, NN, HP) - Tier 1 vs. Tier 3 (HH TAS NYMEX NATURAL GAS FUTURES)								
HHT	Spec		Increase	USD	990	900	1,595	1,450
HHT	Hedge/Member		Increase	USD	900	900	1,450	1,450
Henry Hub Natural Gas (HH, NG, NN, HP) - Tier 1 vs. Tier 3 (NYMEX NATURAL GAS (H.HUB LTD) FUT)								
HH	Spec		Increase	USD	990	900	1,595	1,450
HH	Hedge/Member		Increase	USD	900	900	1,450	1,450
Henry Hub Natural Gas (HH, NG, NN, HP) - Tier 1 vs. Tier 4 (HENRY HUB FUT TRADE AT SETTLEMENT)								
NNT	Spec		Increase	USD	261	238	351	319
NNT	Hedge/Member		Increase	USD	238	238	319	319
Henry Hub Natural Gas (HH, NG, NN, HP) - Tier 1 vs. Tier 4 (HENRY HUB FUT)								
NN	Spec		Increase	USD	261	238	351	319
NN	Hedge/Member		Increase	USD	238	238	319	319
Henry Hub Natural Gas (HH, NG, NN, HP) - Tier 1 vs. Tier 4 (HH TAS NYMEX NATURAL GAS FUTURES)								
HHT	Spec		Increase	USD	1,045	950	1,403	1,275
HHT	Hedge/Member		Increase	USD	950	950	1,275	1,275

SPAN MINIMUM PERFORMANCE BOND REQUIREMENTS

CC	Rate Type	Description	Change	ISO	Current Initial	Current Maintenance	New Initial	New Maintenance
Intra Spreads								
Henry Hub Natural Gas (HH, NG, NN, HP) - Tier 1 vs. Tier 4 (NYMEX NATURAL GAS (H.HUB LTD) FUT)								
HH	Spec		Increase	USD	1,045	950	1,403	1,275
HH	Hedge/Member		Increase	USD	950	950	1,275	1,275
Henry Hub Natural Gas (HH, NG, NN, HP) - Tier 1 vs. Tier 5 (HENRY HUB FUT TRADE AT SETTLEMENT)								
NNT	Spec		Increase	USD	261	238	468	425
NNT	Hedge/Member		Increase	USD	238	238	425	425
Henry Hub Natural Gas (HH, NG, NN, HP) - Tier 1 vs. Tier 5 (HENRY HUB FUT)								
NN	Spec		Increase	USD	261	238	468	425
NN	Hedge/Member		Increase	USD	238	238	425	425
Henry Hub Natural Gas (HH, NG, NN, HP) - Tier 1 vs. Tier 5 (HH TAS NYMEX NATURAL GAS FUTURES)								
HHT	Spec		Increase	USD	1,045	950	1,870	1,700
HHT	Hedge/Member		Increase	USD	950	950	1,700	1,700
Henry Hub Natural Gas (HH, NG, NN, HP) - Tier 1 vs. Tier 5 (NYMEX NATURAL GAS (H.HUB LTD) FUT)								
HH	Spec		Increase	USD	1,045	950	1,870	1,700
HH	Hedge/Member		Increase	USD	950	950	1,700	1,700
Henry Hub Natural Gas (HH, NG, NN, HP) - Tier 1 vs. Tier 6 (HENRY HUB FUT TRADE AT SETTLEMENT)								
NNT	Spec		Increase	USD	358	325	495	450
NNT	Hedge/Member		Increase	USD	325	325	450	450
Henry Hub Natural Gas (HH, NG, NN, HP) - Tier 1 vs. Tier 6 (HENRY HUB FUT)								
NN	Spec		Increase	USD	358	325	495	450
NN	Hedge/Member		Increase	USD	325	325	450	450
Henry Hub Natural Gas (HH, NG, NN, HP) - Tier 1 vs. Tier 6 (HH TAS NYMEX NATURAL GAS FUTURES)								
HHT	Spec		Increase	USD	1,430	1,300	1,980	1,800
HHT	Hedge/Member		Increase	USD	1,300	1,300	1,800	1,800
Henry Hub Natural Gas (HH, NG, NN, HP) - Tier 1 vs. Tier 6 (NYMEX NATURAL GAS (H.HUB LTD) FUT)								
HH	Spec		Increase	USD	1,430	1,300	1,980	1,800
HH	Hedge/Member		Increase	USD	1,300	1,300	1,800	1,800
Henry Hub Natural Gas (HH, NG, NN, HP) - Tier 1 vs. Tier 7 (HENRY HUB FUT TRADE AT SETTLEMENT)								
NNT	Spec		Increase	USD	413	375	523	475
NNT	Hedge/Member		Increase	USD	375	375	475	475
Henry Hub Natural Gas (HH, NG, NN, HP) - Tier 1 vs. Tier 7 (HENRY HUB FUT)								
NN	Spec		Increase	USD	413	375	523	475
NN	Hedge/Member		Increase	USD	375	375	475	475

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CC	Rate Type	Description	Change	ISO	Current Initial	Current Maintenance	New Initial	New Maintenance
Intra Spreads								
Henry Hub Natural Gas (HH, NG, NN, HP) - Tier 1 vs. Tier 7 (HH TAS NYMEX NATURAL GAS FUTURES)								
HHT	Spec		Increase	USD	1,650	1,500	2,090	1,900
HHT	Hedge/Member		Increase	USD	1,500	1,500	1,900	1,900
Henry Hub Natural Gas (HH, NG, NN, HP) - Tier 1 vs. Tier 7 (NYMEX NATURAL GAS (H.HUB LTD) FUT)								
HH	Spec		Increase	USD	1,650	1,500	2,090	1,900
HH	Hedge/Member		Increase	USD	1,500	1,500	1,900	1,900
Henry Hub Natural Gas (HH, NG, NN, HP) - Tier 1 vs. Tier 8 (HENRY HUB FUT TRADE AT SETTLEMENT)								
NNT	Spec		Increase	USD	564	513	674	613
NNT	Hedge/Member		Increase	USD	513	513	613	613
Henry Hub Natural Gas (HH, NG, NN, HP) - Tier 1 vs. Tier 8 (HENRY HUB FUT)								
NN	Spec		Increase	USD	564	513	674	613
NN	Hedge/Member		Increase	USD	513	513	613	613
Henry Hub Natural Gas (HH, NG, NN, HP) - Tier 1 vs. Tier 8 (HH TAS NYMEX NATURAL GAS FUTURES)								
HHT	Spec		Increase	USD	2,255	2,050	2,695	2,450
HHT	Hedge/Member		Increase	USD	2,050	2,050	2,450	2,450
Henry Hub Natural Gas (HH, NG, NN, HP) - Tier 1 vs. Tier 8 (NYMEX NATURAL GAS (H.HUB LTD) FUT)								
HH	Spec		Increase	USD	2,255	2,050	2,695	2,450
HH	Hedge/Member		Increase	USD	2,050	2,050	2,450	2,450
Henry Hub Natural Gas (HH, NG, NN, HP) - Tier 1 vs. Tier 9 (HENRY HUB FUT TRADE AT SETTLEMENT)								
NNT	Spec		Increase	USD	688	625	784	713
NNT	Hedge/Member		Increase	USD	625	625	713	713
Henry Hub Natural Gas (HH, NG, NN, HP) - Tier 1 vs. Tier 9 (HENRY HUB FUT)								
NN	Spec		Increase	USD	688	625	784	713
NN	Hedge/Member		Increase	USD	625	625	713	713
Henry Hub Natural Gas (HH, NG, NN, HP) - Tier 1 vs. Tier 9 (HH TAS NYMEX NATURAL GAS FUTURES)								
HHT	Spec		Increase	USD	2,750	2,500	3,135	2,850
HHT	Hedge/Member		Increase	USD	2,500	2,500	2,850	2,850
Henry Hub Natural Gas (HH, NG, NN, HP) - Tier 1 vs. Tier 9 (NYMEX NATURAL GAS (H.HUB LTD) FUT)								
HH	Spec		Increase	USD	2,750	2,500	3,135	2,850
HH	Hedge/Member		Increase	USD	2,500	2,500	2,850	2,850
Henry Hub Natural Gas (HH, NG, NN, HP) - Tier 3 vs. Tier 3 (HENRY HUB FUT TRADE AT SETTLEMENT)								
NNT	Spec		Increase	USD	96	88	138	125
NNT	Hedge/Member		Increase	USD	88	88	125	125

SPAN MINIMUM PERFORMANCE BOND REQUIREMENTS

CC	Rate Type	Description	Change	ISO	Current Initial	Current Maintenance	New Initial	New Maintenance
Intra Spreads								
Henry Hub Natural Gas (HH, NG, NN, HP) - Tier 3 vs. Tier 3 (HENRY HUB FUT)								
NN	Spec		Increase	USD	96	88	138	125
NN	Hedge/Member		Increase	USD	88	88	125	125
Henry Hub Natural Gas (HH, NG, NN, HP) - Tier 3 vs. Tier 3 (HH TAS NYMEX NATURAL GAS FUTURES)								
HHT	Spec		Increase	USD	385	350	550	500
HHT	Hedge/Member		Increase	USD	350	350	500	500
Henry Hub Natural Gas (HH, NG, NN, HP) - Tier 3 vs. Tier 3 (NYMEX NATURAL GAS (H.HUB LTD) FUT)								
HH	Spec		Increase	USD	385	350	550	500
HH	Hedge/Member		Increase	USD	350	350	500	500
Henry Hub Natural Gas (NG, NN, HP) - Tier 1 vs. Tier 2 (E-MINI NATURAL GAS FUTURES)								
QG	Spec		Increase	USD	330	300	743	675
QG	Hedge/Member		Increase	USD	300	300	675	675
Henry Hub Natural Gas (NG, NN, HP) - Tier 1 vs. Tier 2 (HENRY HUB NAT GAS LAST DAY DELV)								
MNG	Spec		Increase	USD	330	300	743	675
MNG	Hedge/Member		Increase	USD	300	300	675	675
Henry Hub Natural Gas (NG, NN, HP) - Tier 1 vs. Tier 2 (HENRY HUB PENULTIMATE)								
NP	Spec		Increase	USD	330	300	743	675
NP	Hedge/Member		Increase	USD	300	300	675	675
Henry Hub Natural Gas (NG, NN, HP) - Tier 1 vs. Tier 2 (NATURAL GAS HENRY HUB FUTURE)								
NG	Spec		Increase	USD	1,320	1,200	2,970	2,700
NG	Hedge/Member		Increase	USD	1,200	1,200	2,700	2,700
Henry Hub Natural Gas (NG, NN, HP) - Tier 1 vs. Tier 2 (NATURAL GAS TRADE AT SETTLEMENT)								
NGT	Spec		Increase	USD	1,320	1,200	2,970	2,700
NGT	Hedge/Member		Increase	USD	1,200	1,200	2,700	2,700
Henry Hub Natural Gas (NG, NN, HP) - Tier 1 vs. Tier 2 (NYMEX NATURAL GAS FUTURES)								
HP	Spec		Increase	USD	1,320	1,200	2,970	2,700
HP	Hedge/Member		Increase	USD	1,200	1,200	2,700	2,700
Henry Hub Natural Gas (NG, NN, HP) - Tier 1 vs. Tier 3 (E-MINI NATURAL GAS FUTURES)								
QG	Spec		Increase	USD	248	225	399	363
QG	Hedge/Member		Increase	USD	225	225	363	363
Henry Hub Natural Gas (NG, NN, HP) - Tier 1 vs. Tier 3 (HENRY HUB NAT GAS LAST DAY DELV)								
MNG	Spec		Increase	USD	248	225	399	363
MNG	Hedge/Member		Increase	USD	225	225	363	363

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Henry Hub Natural Gas (NG, NN, HP) - Tier 1 vs. Tier 3 (HENRY HUB PENULTIMATE)								
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NP	Hedge/Member		Increase	USD	225	225	363	363
Henry Hub Natural Gas (NG, NN, HP) - Tier 1 vs. Tier 3 (NATURAL GAS HENRY HUB FUTURE)								
NG	Spec		Increase	USD	990	900	1,595	1,450
NG	Hedge/Member		Increase	USD	900	900	1,450	1,450
Henry Hub Natural Gas (NG, NN, HP) - Tier 1 vs. Tier 3 (NATURAL GAS TRADE AT SETTLEMENT)								
NGT	Spec		Increase	USD	990	900	1,595	1,450
NGT	Hedge/Member		Increase	USD	900	900	1,450	1,450
Henry Hub Natural Gas (NG, NN, HP) - Tier 1 vs. Tier 3 (NYMEX NATURAL GAS FUTURES)								
HP	Spec		Increase	USD	990	900	1,595	1,450
HP	Hedge/Member		Increase	USD	900	900	1,450	1,450
Henry Hub Natural Gas (NG, NN, HP) - Tier 1 vs. Tier 4 (E-MINI NATURAL GAS FUTURES)								
QG	Spec		Increase	USD	261	238	351	319
QG	Hedge/Member		Increase	USD	238	238	319	319
Henry Hub Natural Gas (NG, NN, HP) - Tier 1 vs. Tier 4 (HENRY HUB NAT GAS LAST DAY DELV)								
MNG	Spec		Increase	USD	261	238	351	319
MNG	Hedge/Member		Increase	USD	238	238	319	319
Henry Hub Natural Gas (NG, NN, HP) - Tier 1 vs. Tier 4 (HENRY HUB PENULTIMATE)								
NP	Spec		Increase	USD	261	238	351	319
NP	Hedge/Member		Increase	USD	238	238	319	319
Henry Hub Natural Gas (NG, NN, HP) - Tier 1 vs. Tier 4 (NATURAL GAS HENRY HUB FUTURE)								
NG	Spec		Increase	USD	1,045	950	1,403	1,275
NG	Hedge/Member		Increase	USD	950	950	1,275	1,275
Henry Hub Natural Gas (NG, NN, HP) - Tier 1 vs. Tier 4 (NATURAL GAS TRADE AT SETTLEMENT)								
NGT	Spec		Increase	USD	1,045	950	1,403	1,275
NGT	Hedge/Member		Increase	USD	950	950	1,275	1,275
Henry Hub Natural Gas (NG, NN, HP) - Tier 1 vs. Tier 4 (NYMEX NATURAL GAS FUTURES)								
HP	Spec		Increase	USD	1,045	950	1,403	1,275
HP	Hedge/Member		Increase	USD	950	950	1,275	1,275
Henry Hub Natural Gas (NG, NN, HP) - Tier 1 vs. Tier 5 (E-MINI NATURAL GAS FUTURES)								
QG	Spec		Increase	USD	261	238	468	425
QG	Hedge/Member		Increase	USD	238	238	425	425

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Intra Spreads								
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MNG	Spec		Increase	USD	261	238	468	425
MNG	Hedge/Member		Increase	USD	238	238	425	425
Henry Hub Natural Gas (NG, NN, HP) - Tier 1 vs. Tier 5 (HENRY HUB PENULTIMATE)								
NP	Spec		Increase	USD	261	238	468	425
NP	Hedge/Member		Increase	USD	238	238	425	425
Henry Hub Natural Gas (NG, NN, HP) - Tier 1 vs. Tier 5 (NATURAL GAS HENRY HUB FUTURE)								
NG	Spec		Increase	USD	1,045	950	1,870	1,700
NG	Hedge/Member		Increase	USD	950	950	1,700	1,700
Henry Hub Natural Gas (NG, NN, HP) - Tier 1 vs. Tier 5 (NATURAL GAS TRADE AT SETTLEMENT)								
NGT	Spec		Increase	USD	1,045	950	1,870	1,700
NGT	Hedge/Member		Increase	USD	950	950	1,700	1,700
Henry Hub Natural Gas (NG, NN, HP) - Tier 1 vs. Tier 5 (NYMEX NATURAL GAS FUTURES)								
HP	Spec		Increase	USD	1,045	950	1,870	1,700
HP	Hedge/Member		Increase	USD	950	950	1,700	1,700
Henry Hub Natural Gas (NG, NN, HP) - Tier 1 vs. Tier 6 (E-MINI NATURAL GAS FUTURES)								
QG	Spec		Increase	USD	358	325	495	450
QG	Hedge/Member		Increase	USD	325	325	450	450
Henry Hub Natural Gas (NG, NN, HP) - Tier 1 vs. Tier 6 (HENRY HUB NAT GAS LAST DAY DELV)								
MNG	Spec		Increase	USD	358	325	495	450
MNG	Hedge/Member		Increase	USD	325	325	450	450
Henry Hub Natural Gas (NG, NN, HP) - Tier 1 vs. Tier 6 (HENRY HUB PENULTIMATE)								
NP	Spec		Increase	USD	358	325	495	450
NP	Hedge/Member		Increase	USD	325	325	450	450
Henry Hub Natural Gas (NG, NN, HP) - Tier 1 vs. Tier 6 (NATURAL GAS HENRY HUB FUTURE)								
NG	Spec		Increase	USD	1,430	1,300	1,980	1,800
NG	Hedge/Member		Increase	USD	1,300	1,300	1,800	1,800
Henry Hub Natural Gas (NG, NN, HP) - Tier 1 vs. Tier 6 (NATURAL GAS TRADE AT SETTLEMENT)								
NGT	Spec		Increase	USD	1,430	1,300	1,980	1,800
NGT	Hedge/Member		Increase	USD	1,300	1,300	1,800	1,800
Henry Hub Natural Gas (NG, NN, HP) - Tier 1 vs. Tier 6 (NYMEX NATURAL GAS FUTURES)								
HP	Spec		Increase	USD	1,430	1,300	1,980	1,800
HP	Hedge/Member		Increase	USD	1,300	1,300	1,800	1,800

SPAN MINIMUM PERFORMANCE BOND REQUIREMENTS

CC	Rate Type	Description	Change	ISO	Current Initial	Current Maintenance	New Initial	New Maintenance
Intra Spreads								
Henry Hub Natural Gas (NG, NN, HP) - Tier 1 vs. Tier 7 (E-MINI NATURAL GAS FUTURES)								
QG	Spec		Increase	USD	413	375	523	475
QG	Hedge/Member		Increase	USD	375	375	475	475
Henry Hub Natural Gas (NG, NN, HP) - Tier 1 vs. Tier 7 (HENRY HUB NAT GAS LAST DAY DELV)								
MNG	Spec		Increase	USD	413	375	523	475
MNG	Hedge/Member		Increase	USD	375	375	475	475
Henry Hub Natural Gas (NG, NN, HP) - Tier 1 vs. Tier 7 (HENRY HUB PENULTIMATE)								
NP	Spec		Increase	USD	413	375	523	475
NP	Hedge/Member		Increase	USD	375	375	475	475
Henry Hub Natural Gas (NG, NN, HP) - Tier 1 vs. Tier 7 (NATURAL GAS HENRY HUB FUTURE)								
NG	Spec		Increase	USD	1,650	1,500	2,090	1,900
NG	Hedge/Member		Increase	USD	1,500	1,500	1,900	1,900
Henry Hub Natural Gas (NG, NN, HP) - Tier 1 vs. Tier 7 (NATURAL GAS TRADE AT SETTLEMENT)								
NGT	Spec		Increase	USD	1,650	1,500	2,090	1,900
NGT	Hedge/Member		Increase	USD	1,500	1,500	1,900	1,900
Henry Hub Natural Gas (NG, NN, HP) - Tier 1 vs. Tier 7 (NYMEX NATURAL GAS FUTURES)								
HP	Spec		Increase	USD	1,650	1,500	2,090	1,900
HP	Hedge/Member		Increase	USD	1,500	1,500	1,900	1,900
Henry Hub Natural Gas (NG, NN, HP) - Tier 1 vs. Tier 8 (E-MINI NATURAL GAS FUTURES)								
QG	Spec		Increase	USD	564	513	674	613
QG	Hedge/Member		Increase	USD	513	513	613	613
Henry Hub Natural Gas (NG, NN, HP) - Tier 1 vs. Tier 8 (HENRY HUB NAT GAS LAST DAY DELV)								
MNG	Spec		Increase	USD	564	513	674	613
MNG	Hedge/Member		Increase	USD	513	513	613	613
Henry Hub Natural Gas (NG, NN, HP) - Tier 1 vs. Tier 8 (HENRY HUB PENULTIMATE)								
NP	Spec		Increase	USD	564	513	674	613
NP	Hedge/Member		Increase	USD	513	513	613	613
Henry Hub Natural Gas (NG, NN, HP) - Tier 1 vs. Tier 8 (NATURAL GAS HENRY HUB FUTURE)								
NG	Spec		Increase	USD	2,255	2,050	2,695	2,450
NG	Hedge/Member		Increase	USD	2,050	2,050	2,450	2,450
Henry Hub Natural Gas (NG, NN, HP) - Tier 1 vs. Tier 8 (NATURAL GAS TRADE AT SETTLEMENT)								
NGT	Spec		Increase	USD	2,255	2,050	2,695	2,450
NGT	Hedge/Member		Increase	USD	2,050	2,050	2,450	2,450

SPAN MINIMUM PERFORMANCE BOND REQUIREMENTS

CC	Rate Type	Description	Change	ISO	Current Initial	Current Maintenance	New Initial	New Maintenance
Intra Spreads								
Henry Hub Natural Gas (NG, NN, HP) - Tier 1 vs. Tier 8 (NYMEX NATURAL GAS FUTURES)								
HP	Spec		Increase	USD	2,255	2,050	2,695	2,450
HP	Hedge/Member		Increase	USD	2,050	2,050	2,450	2,450
Henry Hub Natural Gas (NG, NN, HP) - Tier 1 vs. Tier 9 (E-MINI NATURAL GAS FUTURES)								
QG	Spec		Increase	USD	688	625	784	713
QG	Hedge/Member		Increase	USD	625	625	713	713
Henry Hub Natural Gas (NG, NN, HP) - Tier 1 vs. Tier 9 (HENRY HUB NAT GAS LAST DAY DELV)								
MNG	Spec		Increase	USD	688	625	784	713
MNG	Hedge/Member		Increase	USD	625	625	713	713
Henry Hub Natural Gas (NG, NN, HP) - Tier 1 vs. Tier 9 (HENRY HUB PENULTIMATE)								
NP	Spec		Increase	USD	688	625	784	713
NP	Hedge/Member		Increase	USD	625	625	713	713
Henry Hub Natural Gas (NG, NN, HP) - Tier 1 vs. Tier 9 (NATURAL GAS HENRY HUB FUTURE)								
NG	Spec		Increase	USD	2,750	2,500	3,135	2,850
NG	Hedge/Member		Increase	USD	2,500	2,500	2,850	2,850
Henry Hub Natural Gas (NG, NN, HP) - Tier 1 vs. Tier 9 (NATURAL GAS TRADE AT SETTLEMENT)								
NGT	Spec		Increase	USD	2,750	2,500	3,135	2,850
NGT	Hedge/Member		Increase	USD	2,500	2,500	2,850	2,850
Henry Hub Natural Gas (NG, NN, HP) - Tier 1 vs. Tier 9 (NYMEX NATURAL GAS FUTURES)								
HP	Spec		Increase	USD	2,750	2,500	3,135	2,850
HP	Hedge/Member		Increase	USD	2,500	2,500	2,850	2,850
Henry Hub Natural Gas (NG, NN, HP) - Tier 3 vs. Tier 3 (E-MINI NATURAL GAS FUTURES)								
QG	Spec		Increase	USD	96	88	138	125
QG	Hedge/Member		Increase	USD	88	88	125	125
Henry Hub Natural Gas (NG, NN, HP) - Tier 3 vs. Tier 3 (HENRY HUB NAT GAS LAST DAY DELV)								
MNG	Spec		Increase	USD	96	88	138	125
MNG	Hedge/Member		Increase	USD	88	88	125	125
Henry Hub Natural Gas (NG, NN, HP) - Tier 3 vs. Tier 3 (HENRY HUB PENULTIMATE)								
NP	Spec		Increase	USD	96	88	138	125
NP	Hedge/Member		Increase	USD	88	88	125	125
Henry Hub Natural Gas (NG, NN, HP) - Tier 3 vs. Tier 3 (NATURAL GAS HENRY HUB FUTURE)								
NG	Spec		Increase	USD	385	350	550	500
NG	Hedge/Member		Increase	USD	350	350	500	500

SPAN MINIMUM PERFORMANCE BOND REQUIREMENTS

CC	Rate Type	Description	Change	ISO	Current Initial	Current Maintenance	New Initial	New Maintenance
Intra Spreads								
Henry Hub Natural Gas (NG, NN, HP) - Tier 3 vs. Tier 3 (NATURAL GAS TRADE AT SETTLEMENT)								
NGT	Spec		Increase	USD	385	350	550	500
NGT	Hedge/Member		Increase	USD	350	350	500	500
Henry Hub Natural Gas (NG, NN, HP) - Tier 3 vs. Tier 3 (NYMEX NATURAL GAS FUTURES)								
HP	Spec		Increase	USD	385	350	550	500
HP	Hedge/Member		Increase	USD	350	350	500	500