



13-251

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

FROM: CME Clearing

SUBJECT: Performance Bond Requirements

DATE: Thursday, May 30, 2013

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, June 04, 2013.

Current rates as of:

Thursday, May 30, 2013.

SPAN MINIMUM PERFORMANCE BOND REQUIREMENTS

CC	Rate Type	Description	Change	ISO	Current Initial	Current Maintenance	New Initial	New Maintenance
Outright Rates								
ENVIRONMENTAL - Outright Rates								
CERPLUS (CPL)								
CPL	Spec		Decrease	EUR	440	400	330	300
CPL	Hedge/Member		Decrease	EUR	400	400	300	300
EQUITY INDEX - Outright Rates								
E-MINI CNX NIFTY INDEX FUTURES (EMF)								
EMF	Spec		Increase	USD	3,025	2,750	3,850	3,500
EMF	Hedge/Member		Increase	USD	2,750	2,750	3,500	3,500
E-MINI NASDAQ BIOTECHNOLOGY FUTURES (BQ)								
BQ	Spec		Increase	USD	5,500	5,000	6,600	6,000
BQ	Hedge/Member		Increase	USD	5,000	5,000	6,000	6,000
E-MINI NIKKEI 225 YEN DENOMINATED (ENY)								
ENY	Spec		Increase	JPY	66,000	60,000	77,000	70,000
ENY	Hedge/Member		Increase	JPY	60,000	60,000	70,000	70,000
N1 FUTURES (N1)								
N1	Spec		Increase	JPY	330,000	300,000	385,000	350,000
N1	Hedge/Member		Increase	JPY	300,000	300,000	350,000	350,000
NIKKEI 225 FUTURES (NK)								
NK	Spec		Increase	USD	3,300	3,000	3,850	3,500
NK	Hedge/Member		Increase	USD	3,000	3,000	3,500	3,500

SPAN MINIMUM PERFORMANCE BOND REQUIREMENTS

CC	Rate Type	Description	Change	ISO	Current Initial	Current Maintenance	New Initial	New Maintenance
Outright Rates								
FX - Outright Rates								
CANADIAN DOLLAR FUTURES (CD)								
CD	Spec		Increase	USD	1,100	1,000	1,265	1,150
CD	Hedge/Member		Increase	USD	1,000	1,000	1,150	1,150
EC/NKR FUTURES (CN)								
CN	Spec		Increase	NOK	9,350	8,500	12,100	11,000
CN	Hedge/Member		Increase	NOK	8,500	8,500	11,000	11,000
E-MICRO CAD/USD FUTURES (MCD)								
MCD	Spec		Increase	USD	110	100	127	115
MCD	Hedge/Member		Increase	USD	100	100	115	115
E-MICRO USD/RMB FUTURES (MNY)								
MNY	Spec		Increase	USD	110	100	165	150
MNY	Hedge/Member		Increase	USD	100	100	150	150
EURO FX/SF FUTURES (RF)								
RF	Spec		Increase	CHF	1,320	1,200	1,650	1,500
RF	Hedge/Member		Increase	CHF	1,200	1,200	1,500	1,500
KOREAN WON/U.S. DOLLAR FUTURE (KRW)								
KRW	Spec		Increase	USD	1,650	1,500	1,925	1,750
KRW	Hedge/Member		Increase	USD	1,500	1,500	1,750	1,750
MEXICAN PESO FUTURES (MP)								
MP	Spec		Decrease	USD	2,200	2,000	1,815	1,650
MP	Hedge/Member		Decrease	USD	2,000	2,000	1,650	1,650
USD/RMB FUTURES (CNY)								
CNY	Spec		Increase	USD	1,100	1,000	1,650	1,500
CNY	Hedge/Member		Increase	USD	1,000	1,000	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								
METALS - Outright Rates								
COMEX COPPER FUTURES (HG)								
HG	Spec	Mths 1-4	Increase	USD	4,070	3,700	4,400	4,000
HG	Hedge/Member	Mths 1-4	Increase	USD	3,700	3,700	4,000	4,000
HG	Spec	Mths 5+	Increase	USD	4,070	3,700	4,400	4,000
HG	Hedge/Member	Mths 5+	Increase	USD	3,700	3,700	4,000	4,000
E-MINI COPPER FUTURES (QC)								
QC	Spec	Mths 1-4	Increase	USD	2,035	1,850	2,200	2,000
QC	Hedge/Member	Mths 1-4	Increase	USD	1,850	1,850	2,000	2,000
QC	Spec	Mths 5+	Increase	USD	2,035	1,850	2,200	2,000
QC	Hedge/Member	Mths 5+	Increase	USD	1,850	1,850	2,000	2,000
GOLD VOLATILITY INDEX (VIX) FUT (GVF)								
GVF	Spec	Mnths 1-3	Increase	USD	2,200	2,000	2,750	2,500
GVF	Hedge/Member	Mnths 1-3	Increase	USD	2,000	2,000	2,500	2,500
GVF	Spec	Mnths 4+	Increase	USD	1,375	1,250	1,925	1,750
GVF	Hedge/Member	Mnths 4+	Increase	USD	1,250	1,250	1,750	1,750
STEEL BILLET FOB BLK SEA FUT (SSF)								
SSF	Spec		Decrease	USD	2,750	2,500	2,200	2,000
SSF	Hedge/Member		Decrease	USD	2,500	2,500	2,000	2,000
U.S. MIDWEST BUSHELING SCRAP (BUS)								
BUS	Spec		Decrease	USD	517	470	413	375
BUS	Hedge/Member		Decrease	USD	470	470	375	375

SPAN MINIMUM PERFORMANCE BOND REQUIREMENTS

CC	Rate Type	Description	Change	ISO	Current Initial	Current Maintenance	New Initial	New Maintenance
Intra Spreads								
EQUITY INDEX - Intra Spreads								
E-Mini Nasdaq Biotechnology Index Futures (BQ) - All Months (E-MINI NASDAQ BIOTECHNOLOGY FUTURES)								
BQ	Spec		Increase	USD	110	100	220	200
BQ	Hedge/Member		Increase	USD	100	100	200	200
E-Mini Nasdaq Composite Index (QN) - All Months (NASDAQ COMPOSITE FUTURES)								
QN	Spec		Increase	USD	275	250	385	350
QN	Hedge/Member		Increase	USD	250	250	350	350
NIKKEI 225 Stock Index (NK) - All Months (NIKKEI 225 FUTURES)								
NK	Spec		Increase	USD	110	100	220	200
NK	Hedge/Member		Increase	USD	100	100	200	200
S&P 500 (Euro) Stock Index - All Months (EMINI S&P 500 EURO DENOMINATED FUTU)								
EME	Spec		Increase	EUR	33	30	55	50
EME	Hedge/Member		Increase	EUR	30	30	50	50
Yen-based Nikkei (N1) - All Months (E-MINI NIKKEI 225 YEN DENOMINATED)								
ENY	Spec		Increase	JPY	2,200	2,000	4,400	4,000
ENY	Hedge/Member		Increase	JPY	2,000	2,000	4,000	4,000
Yen-based Nikkei (N1) - All Months (N1 FUTURES)								
N1	Spec		Increase	JPY	11,000	10,000	22,000	20,000
N1	Hedge/Member		Increase	JPY	10,000	10,000	20,000	20,000

SPAN MINIMUM PERFORMANCE BOND REQUIREMENTS

CC	Rate Type	Description	Change	ISO	Current Initial	Current Maintenance	New Initial	New Maintenance
Intra Spreads								
FX - Intra Spreads								
CME Chinese Renminbi/U.S. Dollar - All Months (U.S. DOLLAR\RENMINBI FUTURES)								
RMB	Spec		Increase	USD	1,760	1,600	2,090	1,900
RMB	Hedge/Member		Increase	USD	1,600	1,600	1,900	1,900
Cross Rate British Pound/Swiss Franc (BF) - All Months (BPSF FUTURE)								
BF	Spec		Increase	CHF	110	100	138	125
BF	Hedge/Member		Increase	CHF	100	100	125	125
Cross Rate Chinese Renminbi/Japanese Yen - All Months (JAPANESE YEN\RENMINBI FUTURE)								
RMY	Spec		Increase	JPY	77,000	70,000	132,000	120,000
RMY	Hedge/Member		Increase	JPY	70,000	70,000	120,000	120,000
Czech Koruna (CZ) - All Months (CZECH KORUNA FUTURES)								
CZ	Spec		Increase	USD	110	100	193	175
CZ	Hedge/Member		Increase	USD	100	100	175	175
Hungarian Forint (FR) - All Months (HUNGARIAN FORINT (USD) FUTURES)								
FR	Spec		Decrease	USD	550	500	385	350
FR	Hedge/Member		Decrease	USD	500	500	350	350
Mexican Peso (MP) - All Months (MEXICAN PESO FUTURES)								
MP	Spec		Decrease	USD	440	400	330	300
MP	Hedge/Member		Decrease	USD	400	400	300	300
Norwegian Krone - All Months (NKR/USD FUTURES)								
UN	Spec		Decrease	USD	825	750	550	500
UN	Hedge/Member		Decrease	USD	750	750	500	500
Swedish Krona - All Months (SKR/USD CROSS RATE FUTURES)								
SE	Spec		Decrease	USD	248	225	193	175
SE	Hedge/Member		Decrease	USD	225	225	175	175

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 (Platts IFERC) Fixed Price Swap Futures - All Months (HENRY HUB IFERC FIXED PRICE FUT)								
HHS	Spec		Increase	USD	275	250	550	500
HHS	Hedge/Member		Increase	USD	250	250	500	500
Henry Hub Natural Gas (HH, NG, NN, HP) - Tier 1 vs. Tier 5 (HENRY HUB FUT TRADE AT SETTLEMENT)								
NNT	Spec		Increase	USD	193	175	261	238
NNT	Hedge/Member		Increase	USD	175	175	238	238
Henry Hub Natural Gas (HH, NG, NN, HP) - Tier 1 vs. Tier 5 (HENRY HUB FUT)								
NN	Spec		Increase	USD	193	175	261	238
NN	Hedge/Member		Increase	USD	175	175	238	238
Henry Hub Natural Gas (HH, NG, NN, HP) - Tier 1 vs. Tier 5 (NYMEX NATURAL GAS (H.HUB LTD) FUT)								
HH	Spec		Increase	USD	770	700	1,045	950
HH	Hedge/Member		Increase	USD	700	700	950	950
Henry Hub Natural Gas (HH, NG, NN, HP) - Tier 1 vs. Tier 6 (HENRY HUB FUT TRADE AT SETTLEMENT)								
NNT	Spec		Increase	USD	165	150	234	213
NNT	Hedge/Member		Increase	USD	150	150	213	213
Henry Hub Natural Gas (HH, NG, NN, HP) - Tier 1 vs. Tier 6 (HENRY HUB FUT)								
NN	Spec		Increase	USD	165	150	234	213
NN	Hedge/Member		Increase	USD	150	150	213	213
Henry Hub Natural Gas (HH, NG, NN, HP) - Tier 1 vs. Tier 6 (NYMEX NATURAL GAS (H.HUB LTD) FUT)								
HH	Spec		Increase	USD	660	600	935	850
HH	Hedge/Member		Increase	USD	600	600	850	850
Henry Hub Natural Gas (HH, NG, NN, HP) - Tier 1 vs. Tier 7 (HENRY HUB FUT TRADE AT SETTLEMENT)								
NNT	Spec		Increase	USD	206	188	275	250
NNT	Hedge/Member		Increase	USD	188	188	250	250
Henry Hub Natural Gas (HH, NG, NN, HP) - Tier 1 vs. Tier 7 (HENRY HUB FUT)								
NN	Spec		Increase	USD	206	188	275	250
NN	Hedge/Member		Increase	USD	188	188	250	250
Henry Hub Natural Gas (HH, NG, NN, HP) - Tier 1 vs. Tier 7 (NYMEX NATURAL GAS (H.HUB LTD) FUT)								
HH	Spec		Increase	USD	825	750	1,100	1,000
HH	Hedge/Member		Increase	USD	750	750	1,000	1,000
Henry Hub Natural Gas (HH, NG, NN, HP) - Tier 1 vs. Tier 8 (HENRY HUB FUT TRADE AT SETTLEMENT)								
NNT	Spec		Increase	USD	220	200	330	300
NNT	Hedge/Member		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
Intra Spreads								
Henry Hub Natural Gas (HH, NG, NN, HP) - Tier 1 vs. Tier 8 (HENRY HUB FUT)								
NN	Spec		Increase	USD	220	200	330	300
NN	Hedge/Member		Increase	USD	200	200	300	300
Henry Hub Natural Gas (HH, NG, NN, HP) - Tier 1 vs. Tier 8 (NYMEX NATURAL GAS (H.HUB LTD) FUT)								
HH	Spec		Increase	USD	880	800	1,320	1,200
HH	Hedge/Member		Increase	USD	800	800	1,200	1,200
Henry Hub Natural Gas (HH, NG, NN, HP) - Tier 2 vs. Tier 5 (HENRY HUB FUT TRADE AT SETTLEMENT)								
NNT	Spec		Increase	USD	193	175	275	250
NNT	Hedge/Member		Increase	USD	175	175	250	250
Henry Hub Natural Gas (HH, NG, NN, HP) - Tier 2 vs. Tier 5 (HENRY HUB FUT)								
NN	Spec		Increase	USD	193	175	275	250
NN	Hedge/Member		Increase	USD	175	175	250	250
Henry Hub Natural Gas (HH, NG, NN, HP) - Tier 2 vs. Tier 5 (NYMEX NATURAL GAS (H.HUB LTD) FUT)								
HH	Spec		Increase	USD	770	700	1,100	1,000
HH	Hedge/Member		Increase	USD	700	700	1,000	1,000
Henry Hub Natural Gas (HH, NG, NN, HP) - Tier 2 vs. Tier 6 (HENRY HUB FUT TRADE AT SETTLEMENT)								
NNT	Spec		Increase	USD	165	150	248	225
NNT	Hedge/Member		Increase	USD	150	150	225	225
Henry Hub Natural Gas (HH, NG, NN, HP) - Tier 2 vs. Tier 6 (HENRY HUB FUT)								
NN	Spec		Increase	USD	165	150	248	225
NN	Hedge/Member		Increase	USD	150	150	225	225
Henry Hub Natural Gas (HH, NG, NN, HP) - Tier 2 vs. Tier 6 (NYMEX NATURAL GAS (H.HUB LTD) FUT)								
HH	Spec		Increase	USD	660	600	990	900
HH	Hedge/Member		Increase	USD	600	600	900	900
Henry Hub Natural Gas (HH, NG, NN, HP) - Tier 2 vs. Tier 7 (HENRY HUB FUT TRADE AT SETTLEMENT)								
NNT	Spec		Increase	USD	193	175	303	275
NNT	Hedge/Member		Increase	USD	175	175	275	275
Henry Hub Natural Gas (HH, NG, NN, HP) - Tier 2 vs. Tier 7 (HENRY HUB FUT)								
NN	Spec		Increase	USD	193	175	303	275
NN	Hedge/Member		Increase	USD	175	175	275	275
Henry Hub Natural Gas (HH, NG, NN, HP) - Tier 2 vs. Tier 7 (NYMEX NATURAL GAS (H.HUB LTD) FUT)								
HH	Spec		Increase	USD	770	700	1,210	1,100
HH	Hedge/Member		Increase	USD	700	700	1,100	1,100

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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 2 vs. Tier 8 (HENRY HUB FUT TRADE AT SETTLEMENT)								
NNT	Spec		Increase	USD	220	200	330	300
NNT	Hedge/Member		Increase	USD	200	200	300	300
Henry Hub Natural Gas (HH, NG, NN, HP) - Tier 2 vs. Tier 8 (HENRY HUB FUT)								
NN	Spec		Increase	USD	220	200	330	300
NN	Hedge/Member		Increase	USD	200	200	300	300
Henry Hub Natural Gas (HH, NG, NN, HP) - Tier 2 vs. Tier 8 (NYMEX NATURAL GAS (H.HUB LTD) FUT)								
HH	Spec		Increase	USD	880	800	1,320	1,200
HH	Hedge/Member		Increase	USD	800	800	1,200	1,200
Henry Hub Natural Gas (HH, NG, NN, HP) - Tier 3 vs. Tier 6 (HENRY HUB FUT TRADE AT SETTLEMENT)								
NNT	Spec		Increase	USD	193	175	275	250
NNT	Hedge/Member		Increase	USD	175	175	250	250
Henry Hub Natural Gas (HH, NG, NN, HP) - Tier 3 vs. Tier 6 (HENRY HUB FUT)								
NN	Spec		Increase	USD	193	175	275	250
NN	Hedge/Member		Increase	USD	175	175	250	250
Henry Hub Natural Gas (HH, NG, NN, HP) - Tier 3 vs. Tier 6 (NYMEX NATURAL GAS (H.HUB LTD) FUT)								
HH	Spec		Increase	USD	770	700	1,100	1,000
HH	Hedge/Member		Increase	USD	700	700	1,000	1,000
Henry Hub Natural Gas (HH, NG, NN, HP) - Tier 3 vs. Tier 7 (HENRY HUB FUT TRADE AT SETTLEMENT)								
NNT	Spec		Increase	USD	248	225	303	275
NNT	Hedge/Member		Increase	USD	225	225	275	275
Henry Hub Natural Gas (HH, NG, NN, HP) - Tier 3 vs. Tier 7 (HENRY HUB FUT)								
NN	Spec		Increase	USD	248	225	303	275
NN	Hedge/Member		Increase	USD	225	225	275	275
Henry Hub Natural Gas (HH, NG, NN, HP) - Tier 3 vs. Tier 7 (NYMEX NATURAL GAS (H.HUB LTD) FUT)								
HH	Spec		Increase	USD	990	900	1,210	1,100
HH	Hedge/Member		Increase	USD	900	900	1,100	1,100
Henry Hub Natural Gas (HH, NG, NN, HP) - Tier 3 vs. Tier 8 (HENRY HUB FUT TRADE AT SETTLEMENT)								
NNT	Spec		Increase	USD	275	250	330	300
NNT	Hedge/Member		Increase	USD	250	250	300	300
Henry Hub Natural Gas (HH, NG, NN, HP) - Tier 3 vs. Tier 8 (HENRY HUB FUT)								
NN	Spec		Increase	USD	275	250	330	300
NN	Hedge/Member		Increase	USD	250	250	300	300

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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 3 vs. Tier 8 (NYMEX NATURAL GAS (H.HUB LTD) FUT)								
HH	Spec		Increase	USD	1,100	1,000	1,320	1,200
HH	Hedge/Member		Increase	USD	1,000	1,000	1,200	1,200
Henry Hub Natural Gas (HH, NG, NN, HP) - Tier 4 vs. Tier 4 (HENRY HUB FUT TRADE AT SETTLEMENT)								
NNT	Spec		Increase	USD	83	75	124	113
NNT	Hedge/Member		Increase	USD	75	75	113	113
Henry Hub Natural Gas (HH, NG, NN, HP) - Tier 4 vs. Tier 4 (HENRY HUB FUT)								
NN	Spec		Increase	USD	83	75	124	113
NN	Hedge/Member		Increase	USD	75	75	113	113
Henry Hub Natural Gas (HH, NG, NN, HP) - Tier 4 vs. Tier 4 (NYMEX NATURAL GAS (H.HUB LTD) FUT)								
HH	Spec		Increase	USD	330	300	495	450
HH	Hedge/Member		Increase	USD	300	300	450	450
Henry Hub Natural Gas (HH, NG, NN, HP) - Tier 4 vs. Tier 5 (HENRY HUB FUT TRADE AT SETTLEMENT)								
NNT	Spec		Increase	USD	124	113	234	213
NNT	Hedge/Member		Increase	USD	113	113	213	213
Henry Hub Natural Gas (HH, NG, NN, HP) - Tier 4 vs. Tier 5 (HENRY HUB FUT)								
NN	Spec		Increase	USD	124	113	234	213
NN	Hedge/Member		Increase	USD	113	113	213	213
Henry Hub Natural Gas (HH, NG, NN, HP) - Tier 4 vs. Tier 5 (NYMEX NATURAL GAS (H.HUB LTD) FUT)								
HH	Spec		Increase	USD	495	450	935	850
HH	Hedge/Member		Increase	USD	450	450	850	850
Henry Hub Natural Gas (HH, NG, NN, HP) - Tier 4 vs. Tier 6 (HENRY HUB FUT TRADE AT SETTLEMENT)								
NNT	Spec		Increase	USD	138	125	248	225
NNT	Hedge/Member		Increase	USD	125	125	225	225
Henry Hub Natural Gas (HH, NG, NN, HP) - Tier 4 vs. Tier 6 (HENRY HUB FUT)								
NN	Spec		Increase	USD	138	125	248	225
NN	Hedge/Member		Increase	USD	125	125	225	225
Henry Hub Natural Gas (HH, NG, NN, HP) - Tier 4 vs. Tier 6 (NYMEX NATURAL GAS (H.HUB LTD) FUT)								
HH	Spec		Increase	USD	550	500	990	900
HH	Hedge/Member		Increase	USD	500	500	900	900
Henry Hub Natural Gas (HH, NG, NN, HP) - Tier 4 vs. Tier 7 (HENRY HUB FUT TRADE AT SETTLEMENT)								
NNT	Spec		Increase	USD	165	150	275	250
NNT	Hedge/Member		Increase	USD	150	150	250	250

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 4 vs. Tier 7 (HENRY HUB FUT)								
NN	Spec		Increase	USD	165	150	275	250
NN	Hedge/Member		Increase	USD	150	150	250	250
Henry Hub Natural Gas (HH, NG, NN, HP) - Tier 4 vs. Tier 7 (NYMEX NATURAL GAS (H.HUB LTD) FUT)								
HH	Spec		Increase	USD	660	600	1,100	1,000
HH	Hedge/Member		Increase	USD	600	600	1,000	1,000
Henry Hub Natural Gas (HH, NG, NN, HP) - Tier 4 vs. Tier 8 (HENRY HUB FUT TRADE AT SETTLEMENT)								
NNT	Spec		Increase	USD	193	175	303	275
NNT	Hedge/Member		Increase	USD	175	175	275	275
Henry Hub Natural Gas (HH, NG, NN, HP) - Tier 4 vs. Tier 8 (HENRY HUB FUT)								
NN	Spec		Increase	USD	193	175	303	275
NN	Hedge/Member		Increase	USD	175	175	275	275
Henry Hub Natural Gas (HH, NG, NN, HP) - Tier 4 vs. Tier 8 (NYMEX NATURAL GAS (H.HUB LTD) FUT)								
HH	Spec		Increase	USD	770	700	1,210	1,100
HH	Hedge/Member		Increase	USD	700	700	1,100	1,100
Henry Hub Natural Gas (HH, NG, NN, HP) - Tier 5 vs. Tier 5 (HENRY HUB FUT TRADE AT SETTLEMENT)								
NNT	Spec		Increase	USD	83	75	138	125
NNT	Hedge/Member		Increase	USD	75	75	125	125
Henry Hub Natural Gas (HH, NG, NN, HP) - Tier 5 vs. Tier 5 (HENRY HUB FUT)								
NN	Spec		Increase	USD	83	75	138	125
NN	Hedge/Member		Increase	USD	75	75	125	125
Henry Hub Natural Gas (HH, NG, NN, HP) - Tier 5 vs. Tier 5 (NYMEX NATURAL GAS (H.HUB LTD) FUT)								
HH	Spec		Increase	USD	330	300	550	500
HH	Hedge/Member		Increase	USD	300	300	500	500
Henry Hub Natural Gas (HH, NG, NN, HP) - Tier 5 vs. Tier 6 (HENRY HUB FUT TRADE AT SETTLEMENT)								
NNT	Spec		Increase	USD	55	50	110	100
NNT	Hedge/Member		Increase	USD	50	50	100	100
Henry Hub Natural Gas (HH, NG, NN, HP) - Tier 5 vs. Tier 6 (HENRY HUB FUT)								
NN	Spec		Increase	USD	55	50	110	100
NN	Hedge/Member		Increase	USD	50	50	100	100
Henry Hub Natural Gas (HH, NG, NN, HP) - Tier 5 vs. Tier 6 (NYMEX NATURAL GAS (H.HUB LTD) FUT)								
HH	Spec		Increase	USD	220	200	440	400
HH	Hedge/Member		Increase	USD	200	200	400	400

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 5 vs. Tier 7 (HENRY HUB FUT TRADE AT SETTLEMENT)								
NNT	Spec		Increase	USD	151	138	206	188
NNT	Hedge/Member		Increase	USD	138	138	188	188
Henry Hub Natural Gas (HH, NG, NN, HP) - Tier 5 vs. Tier 7 (HENRY HUB FUT)								
NN	Spec		Increase	USD	151	138	206	188
NN	Hedge/Member		Increase	USD	138	138	188	188
Henry Hub Natural Gas (HH, NG, NN, HP) - Tier 5 vs. Tier 7 (NYMEX NATURAL GAS (H.HUB LTD) FUT)								
HH	Spec		Increase	USD	605	550	825	750
HH	Hedge/Member		Increase	USD	550	550	750	750
Henry Hub Natural Gas (HH, NG, NN, HP) - Tier 5 vs. Tier 8 (HENRY HUB FUT TRADE AT SETTLEMENT)								
NNT	Spec		Increase	USD	165	150	220	200
NNT	Hedge/Member		Increase	USD	150	150	200	200
Henry Hub Natural Gas (HH, NG, NN, HP) - Tier 5 vs. Tier 8 (HENRY HUB FUT)								
NN	Spec		Increase	USD	165	150	220	200
NN	Hedge/Member		Increase	USD	150	150	200	200
Henry Hub Natural Gas (HH, NG, NN, HP) - Tier 5 vs. Tier 8 (NYMEX NATURAL GAS (H.HUB LTD) FUT)								
HH	Spec		Increase	USD	660	600	880	800
HH	Hedge/Member		Increase	USD	600	600	800	800
Henry Hub Natural Gas (NG, NN, HP) - Tier 1 vs. Tier 5 (E-MINI NATURAL GAS FUTURES)								
QG	Spec		Increase	USD	193	175	261	238
QG	Hedge/Member		Increase	USD	175	175	238	238
Henry Hub Natural Gas (NG, NN, HP) - Tier 1 vs. Tier 5 (HENRY HUB NAT GAS LAST DAY DELV)								
MNG	Spec		Increase	USD	193	175	261	238
MNG	Hedge/Member		Increase	USD	175	175	238	238
Henry Hub Natural Gas (NG, NN, HP) - Tier 1 vs. Tier 5 (HENRY HUB PENULTIMATE)								
NP	Spec		Increase	USD	193	175	261	238
NP	Hedge/Member		Increase	USD	175	175	238	238
Henry Hub Natural Gas (NG, NN, HP) - Tier 1 vs. Tier 5 (NATURAL GAS HENRY HUB FUTURE)								
NG	Spec		Increase	USD	770	700	1,045	950
NG	Hedge/Member		Increase	USD	700	700	950	950
Henry Hub Natural Gas (NG, NN, HP) - Tier 1 vs. Tier 5 (NATURAL GAS TRADE AT SETTLEMENT)								
NGT	Spec		Increase	USD	770	700	1,045	950
NGT	Hedge/Member		Increase	USD	700	700	950	950

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 5 (NYMEX NATURAL GAS FUTURES)								
HP	Spec		Increase	USD	770	700	1,045	950
HP	Hedge/Member		Increase	USD	700	700	950	950
Henry Hub Natural Gas (NG, NN, HP) - Tier 1 vs. Tier 6 (E-MINI NATURAL GAS FUTURES)								
QG	Spec		Increase	USD	165	150	234	213
QG	Hedge/Member		Increase	USD	150	150	213	213
Henry Hub Natural Gas (NG, NN, HP) - Tier 1 vs. Tier 6 (HENRY HUB NAT GAS LAST DAY DELV)								
MNG	Spec		Increase	USD	165	150	234	213
MNG	Hedge/Member		Increase	USD	150	150	213	213
Henry Hub Natural Gas (NG, NN, HP) - Tier 1 vs. Tier 6 (HENRY HUB PENULTIMATE)								
NP	Spec		Increase	USD	165	150	234	213
NP	Hedge/Member		Increase	USD	150	150	213	213
Henry Hub Natural Gas (NG, NN, HP) - Tier 1 vs. Tier 6 (NATURAL GAS HENRY HUB FUTURE)								
NG	Spec		Increase	USD	660	600	935	850
NG	Hedge/Member		Increase	USD	600	600	850	850
Henry Hub Natural Gas (NG, NN, HP) - Tier 1 vs. Tier 6 (NATURAL GAS TRADE AT SETTLEMENT)								
NGT	Spec		Increase	USD	660	600	935	850
NGT	Hedge/Member		Increase	USD	600	600	850	850
Henry Hub Natural Gas (NG, NN, HP) - Tier 1 vs. Tier 6 (NYMEX NATURAL GAS FUTURES)								
HP	Spec		Increase	USD	660	600	935	850
HP	Hedge/Member		Increase	USD	600	600	850	850
Henry Hub Natural Gas (NG, NN, HP) - Tier 1 vs. Tier 7 (E-MINI NATURAL GAS FUTURES)								
QG	Spec		Increase	USD	206	188	275	250
QG	Hedge/Member		Increase	USD	188	188	250	250
Henry Hub Natural Gas (NG, NN, HP) - Tier 1 vs. Tier 7 (HENRY HUB NAT GAS LAST DAY DELV)								
MNG	Spec		Increase	USD	206	188	275	250
MNG	Hedge/Member		Increase	USD	188	188	250	250
Henry Hub Natural Gas (NG, NN, HP) - Tier 1 vs. Tier 7 (HENRY HUB PENULTIMATE)								
NP	Spec		Increase	USD	206	188	275	250
NP	Hedge/Member		Increase	USD	188	188	250	250
Henry Hub Natural Gas (NG, NN, HP) - Tier 1 vs. Tier 7 (NATURAL GAS HENRY HUB FUTURE)								
NG	Spec		Increase	USD	825	750	1,100	1,000
NG	Hedge/Member		Increase	USD	750	750	1,000	1,000

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 (NATURAL GAS TRADE AT SETTLEMENT)								
NGT	Spec		Increase	USD	825	750	1,100	1,000
NGT	Hedge/Member		Increase	USD	750	750	1,000	1,000
Henry Hub Natural Gas (NG, NN, HP) - Tier 1 vs. Tier 7 (NYMEX NATURAL GAS FUTURES)								
HP	Spec		Increase	USD	825	750	1,100	1,000
HP	Hedge/Member		Increase	USD	750	750	1,000	1,000
Henry Hub Natural Gas (NG, NN, HP) - Tier 1 vs. Tier 8 (E-MINI NATURAL GAS FUTURES)								
QG	Spec		Increase	USD	220	200	330	300
QG	Hedge/Member		Increase	USD	200	200	300	300
Henry Hub Natural Gas (NG, NN, HP) - Tier 1 vs. Tier 8 (HENRY HUB NAT GAS LAST DAY DELV)								
MNG	Spec		Increase	USD	220	200	330	300
MNG	Hedge/Member		Increase	USD	200	200	300	300
Henry Hub Natural Gas (NG, NN, HP) - Tier 1 vs. Tier 8 (HENRY HUB PENULTIMATE)								
NP	Spec		Increase	USD	220	200	330	300
NP	Hedge/Member		Increase	USD	200	200	300	300
Henry Hub Natural Gas (NG, NN, HP) - Tier 1 vs. Tier 8 (NATURAL GAS HENRY HUB FUTURE)								
NG	Spec		Increase	USD	880	800	1,320	1,200
NG	Hedge/Member		Increase	USD	800	800	1,200	1,200
Henry Hub Natural Gas (NG, NN, HP) - Tier 1 vs. Tier 8 (NATURAL GAS TRADE AT SETTLEMENT)								
NGT	Spec		Increase	USD	880	800	1,320	1,200
NGT	Hedge/Member		Increase	USD	800	800	1,200	1,200
Henry Hub Natural Gas (NG, NN, HP) - Tier 1 vs. Tier 8 (NYMEX NATURAL GAS FUTURES)								
HP	Spec		Increase	USD	880	800	1,320	1,200
HP	Hedge/Member		Increase	USD	800	800	1,200	1,200
Henry Hub Natural Gas (NG, NN, HP) - Tier 2 vs. Tier 5 (E-MINI NATURAL GAS FUTURES)								
QG	Spec		Increase	USD	193	175	275	250
QG	Hedge/Member		Increase	USD	175	175	250	250
Henry Hub Natural Gas (NG, NN, HP) - Tier 2 vs. Tier 5 (HENRY HUB NAT GAS LAST DAY DELV)								
MNG	Spec		Increase	USD	193	175	275	250
MNG	Hedge/Member		Increase	USD	175	175	250	250
Henry Hub Natural Gas (NG, NN, HP) - Tier 2 vs. Tier 5 (HENRY HUB PENULTIMATE)								
NP	Spec		Increase	USD	193	175	275	250
NP	Hedge/Member		Increase	USD	175	175	250	250

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 2 vs. Tier 5 (NATURAL GAS HENRY HUB FUTURE)								
NG	Spec		Increase	USD	770	700	1,100	1,000
NG	Hedge/Member		Increase	USD	700	700	1,000	1,000
Henry Hub Natural Gas (NG, NN, HP) - Tier 2 vs. Tier 5 (NATURAL GAS TRADE AT SETTLEMENT)								
NGT	Spec		Increase	USD	770	700	1,100	1,000
NGT	Hedge/Member		Increase	USD	700	700	1,000	1,000
Henry Hub Natural Gas (NG, NN, HP) - Tier 2 vs. Tier 5 (NYMEX NATURAL GAS FUTURES)								
HP	Spec		Increase	USD	770	700	1,100	1,000
HP	Hedge/Member		Increase	USD	700	700	1,000	1,000
Henry Hub Natural Gas (NG, NN, HP) - Tier 2 vs. Tier 6 (E-MINI NATURAL GAS FUTURES)								
QG	Spec		Increase	USD	165	150	248	225
QG	Hedge/Member		Increase	USD	150	150	225	225
Henry Hub Natural Gas (NG, NN, HP) - Tier 2 vs. Tier 6 (HENRY HUB NAT GAS LAST DAY DELV)								
MNG	Spec		Increase	USD	165	150	248	225
MNG	Hedge/Member		Increase	USD	150	150	225	225
Henry Hub Natural Gas (NG, NN, HP) - Tier 2 vs. Tier 6 (HENRY HUB PENULTIMATE)								
NP	Spec		Increase	USD	165	150	248	225
NP	Hedge/Member		Increase	USD	150	150	225	225
Henry Hub Natural Gas (NG, NN, HP) - Tier 2 vs. Tier 6 (NATURAL GAS HENRY HUB FUTURE)								
NG	Spec		Increase	USD	660	600	990	900
NG	Hedge/Member		Increase	USD	600	600	900	900
Henry Hub Natural Gas (NG, NN, HP) - Tier 2 vs. Tier 6 (NATURAL GAS TRADE AT SETTLEMENT)								
NGT	Spec		Increase	USD	660	600	990	900
NGT	Hedge/Member		Increase	USD	600	600	900	900
Henry Hub Natural Gas (NG, NN, HP) - Tier 2 vs. Tier 6 (NYMEX NATURAL GAS FUTURES)								
HP	Spec		Increase	USD	660	600	990	900
HP	Hedge/Member		Increase	USD	600	600	900	900
Henry Hub Natural Gas (NG, NN, HP) - Tier 2 vs. Tier 7 (E-MINI NATURAL GAS FUTURES)								
QG	Spec		Increase	USD	193	175	303	275
QG	Hedge/Member		Increase	USD	175	175	275	275
Henry Hub Natural Gas (NG, NN, HP) - Tier 2 vs. Tier 7 (HENRY HUB NAT GAS LAST DAY DELV)								
MNG	Spec		Increase	USD	193	175	303	275
MNG	Hedge/Member		Increase	USD	175	175	275	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 (NG, NN, HP) - Tier 2 vs. Tier 7 (HENRY HUB PENULTIMATE)								
NP	Spec		Increase	USD	193	175	303	275
NP	Hedge/Member		Increase	USD	175	175	275	275
Henry Hub Natural Gas (NG, NN, HP) - Tier 2 vs. Tier 7 (NATURAL GAS HENRY HUB FUTURE)								
NG	Spec		Increase	USD	770	700	1,210	1,100
NG	Hedge/Member		Increase	USD	700	700	1,100	1,100
Henry Hub Natural Gas (NG, NN, HP) - Tier 2 vs. Tier 7 (NATURAL GAS TRADE AT SETTLEMENT)								
NGT	Spec		Increase	USD	770	700	1,210	1,100
NGT	Hedge/Member		Increase	USD	700	700	1,100	1,100
Henry Hub Natural Gas (NG, NN, HP) - Tier 2 vs. Tier 7 (NYMEX NATURAL GAS FUTURES)								
HP	Spec		Increase	USD	770	700	1,210	1,100
HP	Hedge/Member		Increase	USD	700	700	1,100	1,100
Henry Hub Natural Gas (NG, NN, HP) - Tier 2 vs. Tier 8 (E-MINI NATURAL GAS FUTURES)								
QG	Spec		Increase	USD	220	200	330	300
QG	Hedge/Member		Increase	USD	200	200	300	300
Henry Hub Natural Gas (NG, NN, HP) - Tier 2 vs. Tier 8 (HENRY HUB NAT GAS LAST DAY DELV)								
MNG	Spec		Increase	USD	220	200	330	300
MNG	Hedge/Member		Increase	USD	200	200	300	300
Henry Hub Natural Gas (NG, NN, HP) - Tier 2 vs. Tier 8 (HENRY HUB PENULTIMATE)								
NP	Spec		Increase	USD	220	200	330	300
NP	Hedge/Member		Increase	USD	200	200	300	300
Henry Hub Natural Gas (NG, NN, HP) - Tier 2 vs. Tier 8 (NATURAL GAS HENRY HUB FUTURE)								
NG	Spec		Increase	USD	880	800	1,320	1,200
NG	Hedge/Member		Increase	USD	800	800	1,200	1,200
Henry Hub Natural Gas (NG, NN, HP) - Tier 2 vs. Tier 8 (NATURAL GAS TRADE AT SETTLEMENT)								
NGT	Spec		Increase	USD	880	800	1,320	1,200
NGT	Hedge/Member		Increase	USD	800	800	1,200	1,200
Henry Hub Natural Gas (NG, NN, HP) - Tier 2 vs. Tier 8 (NYMEX NATURAL GAS FUTURES)								
HP	Spec		Increase	USD	880	800	1,320	1,200
HP	Hedge/Member		Increase	USD	800	800	1,200	1,200
Henry Hub Natural Gas (NG, NN, HP) - Tier 3 vs. Tier 6 (E-MINI NATURAL GAS FUTURES)								
QG	Spec		Increase	USD	193	175	275	250
QG	Hedge/Member		Increase	USD	175	175	250	250

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 6 (HENRY HUB NAT GAS LAST DAY DELV)								
MNG	Spec		Increase	USD	193	175	275	250
MNG	Hedge/Member		Increase	USD	175	175	250	250
Henry Hub Natural Gas (NG, NN, HP) - Tier 3 vs. Tier 6 (HENRY HUB PENULTIMATE)								
NP	Spec		Increase	USD	193	175	275	250
NP	Hedge/Member		Increase	USD	175	175	250	250
Henry Hub Natural Gas (NG, NN, HP) - Tier 3 vs. Tier 6 (NATURAL GAS HENRY HUB FUTURE)								
NG	Spec		Increase	USD	770	700	1,100	1,000
NG	Hedge/Member		Increase	USD	700	700	1,000	1,000
Henry Hub Natural Gas (NG, NN, HP) - Tier 3 vs. Tier 6 (NATURAL GAS TRADE AT SETTLEMENT)								
NGT	Spec		Increase	USD	770	700	1,100	1,000
NGT	Hedge/Member		Increase	USD	700	700	1,000	1,000
Henry Hub Natural Gas (NG, NN, HP) - Tier 3 vs. Tier 6 (NYMEX NATURAL GAS FUTURES)								
HP	Spec		Increase	USD	770	700	1,100	1,000
HP	Hedge/Member		Increase	USD	700	700	1,000	1,000
Henry Hub Natural Gas (NG, NN, HP) - Tier 3 vs. Tier 7 (E-MINI NATURAL GAS FUTURES)								
QG	Spec		Increase	USD	220	200	303	275
QG	Hedge/Member		Increase	USD	200	200	275	275
Henry Hub Natural Gas (NG, NN, HP) - Tier 3 vs. Tier 7 (HENRY HUB NAT GAS LAST DAY DELV)								
MNG	Spec		Increase	USD	220	200	303	275
MNG	Hedge/Member		Increase	USD	200	200	275	275
Henry Hub Natural Gas (NG, NN, HP) - Tier 3 vs. Tier 7 (HENRY HUB PENULTIMATE)								
NP	Spec		Increase	USD	220	200	303	275
NP	Hedge/Member		Increase	USD	200	200	275	275
Henry Hub Natural Gas (NG, NN, HP) - Tier 3 vs. Tier 7 (NATURAL GAS HENRY HUB FUTURE)								
NG	Spec		Increase	USD	880	800	1,210	1,100
NG	Hedge/Member		Increase	USD	800	800	1,100	1,100
Henry Hub Natural Gas (NG, NN, HP) - Tier 3 vs. Tier 7 (NATURAL GAS TRADE AT SETTLEMENT)								
NGT	Spec		Increase	USD	880	800	1,210	1,100
NGT	Hedge/Member		Increase	USD	800	800	1,100	1,100
Henry Hub Natural Gas (NG, NN, HP) - Tier 3 vs. Tier 7 (NYMEX NATURAL GAS FUTURES)								
HP	Spec		Increase	USD	880	800	1,210	1,100
HP	Hedge/Member		Increase	USD	800	800	1,100	1,100

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 8 (E-MINI NATURAL GAS FUTURES)								
QG	Spec		Increase	USD	248	225	330	300
QG	Hedge/Member		Increase	USD	225	225	300	300
Henry Hub Natural Gas (NG, NN, HP) - Tier 3 vs. Tier 8 (HENRY HUB NAT GAS LAST DAY DELV)								
MNG	Spec		Increase	USD	248	225	330	300
MNG	Hedge/Member		Increase	USD	225	225	300	300
Henry Hub Natural Gas (NG, NN, HP) - Tier 3 vs. Tier 8 (HENRY HUB PENULTIMATE)								
NP	Spec		Increase	USD	248	225	330	300
NP	Hedge/Member		Increase	USD	225	225	300	300
Henry Hub Natural Gas (NG, NN, HP) - Tier 3 vs. Tier 8 (NATURAL GAS HENRY HUB FUTURE)								
NG	Spec		Increase	USD	990	900	1,320	1,200
NG	Hedge/Member		Increase	USD	900	900	1,200	1,200
Henry Hub Natural Gas (NG, NN, HP) - Tier 3 vs. Tier 8 (NATURAL GAS TRADE AT SETTLEMENT)								
NGT	Spec		Increase	USD	990	900	1,320	1,200
NGT	Hedge/Member		Increase	USD	900	900	1,200	1,200
Henry Hub Natural Gas (NG, NN, HP) - Tier 3 vs. Tier 8 (NYMEX NATURAL GAS FUTURES)								
HP	Spec		Increase	USD	990	900	1,320	1,200
HP	Hedge/Member		Increase	USD	900	900	1,200	1,200
Henry Hub Natural Gas (NG, NN, HP) - Tier 4 vs. Tier 4 (E-MINI NATURAL GAS FUTURES)								
QG	Spec		Increase	USD	83	75	124	113
QG	Hedge/Member		Increase	USD	75	75	113	113
Henry Hub Natural Gas (NG, NN, HP) - Tier 4 vs. Tier 4 (HENRY HUB NAT GAS LAST DAY DELV)								
MNG	Spec		Increase	USD	83	75	124	113
MNG	Hedge/Member		Increase	USD	75	75	113	113
Henry Hub Natural Gas (NG, NN, HP) - Tier 4 vs. Tier 4 (HENRY HUB PENULTIMATE)								
NP	Spec		Increase	USD	83	75	124	113
NP	Hedge/Member		Increase	USD	75	75	113	113
Henry Hub Natural Gas (NG, NN, HP) - Tier 4 vs. Tier 4 (NATURAL GAS HENRY HUB FUTURE)								
NG	Spec		Increase	USD	330	300	495	450
NG	Hedge/Member		Increase	USD	300	300	450	450
Henry Hub Natural Gas (NG, NN, HP) - Tier 4 vs. Tier 4 (NATURAL GAS TRADE AT SETTLEMENT)								
NGT	Spec		Increase	USD	330	300	495	450
NGT	Hedge/Member		Increase	USD	300	300	450	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 4 vs. Tier 4 (NYMEX NATURAL GAS FUTURES)								
HP	Spec		Increase	USD	330	300	495	450
HP	Hedge/Member		Increase	USD	300	300	450	450
Henry Hub Natural Gas (NG, NN, HP) - Tier 4 vs. Tier 5 (E-MINI NATURAL GAS FUTURES)								
QG	Spec		Increase	USD	124	113	234	213
QG	Hedge/Member		Increase	USD	113	113	213	213
Henry Hub Natural Gas (NG, NN, HP) - Tier 4 vs. Tier 5 (HENRY HUB NAT GAS LAST DAY DELV)								
MNG	Spec		Increase	USD	124	113	234	213
MNG	Hedge/Member		Increase	USD	113	113	213	213
Henry Hub Natural Gas (NG, NN, HP) - Tier 4 vs. Tier 5 (HENRY HUB PENULTIMATE)								
NP	Spec		Increase	USD	124	113	234	213
NP	Hedge/Member		Increase	USD	113	113	213	213
Henry Hub Natural Gas (NG, NN, HP) - Tier 4 vs. Tier 5 (NATURAL GAS HENRY HUB FUTURE)								
NG	Spec		Increase	USD	495	450	935	850
NG	Hedge/Member		Increase	USD	450	450	850	850
Henry Hub Natural Gas (NG, NN, HP) - Tier 4 vs. Tier 5 (NATURAL GAS TRADE AT SETTLEMENT)								
NGT	Spec		Increase	USD	495	450	935	850
NGT	Hedge/Member		Increase	USD	450	450	850	850
Henry Hub Natural Gas (NG, NN, HP) - Tier 4 vs. Tier 5 (NYMEX NATURAL GAS FUTURES)								
HP	Spec		Increase	USD	495	450	935	850
HP	Hedge/Member		Increase	USD	450	450	850	850
Henry Hub Natural Gas (NG, NN, HP) - Tier 4 vs. Tier 6 (E-MINI NATURAL GAS FUTURES)								
QG	Spec		Increase	USD	138	125	248	225
QG	Hedge/Member		Increase	USD	125	125	225	225
Henry Hub Natural Gas (NG, NN, HP) - Tier 4 vs. Tier 6 (HENRY HUB NAT GAS LAST DAY DELV)								
MNG	Spec		Increase	USD	138	125	248	225
MNG	Hedge/Member		Increase	USD	125	125	225	225
Henry Hub Natural Gas (NG, NN, HP) - Tier 4 vs. Tier 6 (HENRY HUB PENULTIMATE)								
NP	Spec		Increase	USD	138	125	248	225
NP	Hedge/Member		Increase	USD	125	125	225	225
Henry Hub Natural Gas (NG, NN, HP) - Tier 4 vs. Tier 6 (NATURAL GAS HENRY HUB FUTURE)								
NG	Spec		Increase	USD	550	500	990	900
NG	Hedge/Member		Increase	USD	500	500	900	900

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 4 vs. Tier 6 (NATURAL GAS TRADE AT SETTLEMENT)								
NGT	Spec		Increase	USD	550	500	990	900
NGT	Hedge/Member		Increase	USD	500	500	900	900
Henry Hub Natural Gas (NG, NN, HP) - Tier 4 vs. Tier 6 (NYMEX NATURAL GAS FUTURES)								
HP	Spec		Increase	USD	550	500	990	900
HP	Hedge/Member		Increase	USD	500	500	900	900
Henry Hub Natural Gas (NG, NN, HP) - Tier 4 vs. Tier 7 (E-MINI NATURAL GAS FUTURES)								
QG	Spec		Increase	USD	165	150	275	250
QG	Hedge/Member		Increase	USD	150	150	250	250
Henry Hub Natural Gas (NG, NN, HP) - Tier 4 vs. Tier 7 (HENRY HUB NAT GAS LAST DAY DELV)								
MNG	Spec		Increase	USD	165	150	275	250
MNG	Hedge/Member		Increase	USD	150	150	250	250
Henry Hub Natural Gas (NG, NN, HP) - Tier 4 vs. Tier 7 (HENRY HUB PENULTIMATE)								
NP	Spec		Increase	USD	165	150	275	250
NP	Hedge/Member		Increase	USD	150	150	250	250
Henry Hub Natural Gas (NG, NN, HP) - Tier 4 vs. Tier 7 (NATURAL GAS HENRY HUB FUTURE)								
NG	Spec		Increase	USD	660	600	1,100	1,000
NG	Hedge/Member		Increase	USD	600	600	1,000	1,000
Henry Hub Natural Gas (NG, NN, HP) - Tier 4 vs. Tier 7 (NATURAL GAS TRADE AT SETTLEMENT)								
NGT	Spec		Increase	USD	660	600	1,100	1,000
NGT	Hedge/Member		Increase	USD	600	600	1,000	1,000
Henry Hub Natural Gas (NG, NN, HP) - Tier 4 vs. Tier 7 (NYMEX NATURAL GAS FUTURES)								
HP	Spec		Increase	USD	660	600	1,100	1,000
HP	Hedge/Member		Increase	USD	600	600	1,000	1,000
Henry Hub Natural Gas (NG, NN, HP) - Tier 4 vs. Tier 8 (E-MINI NATURAL GAS FUTURES)								
QG	Spec		Increase	USD	193	175	303	275
QG	Hedge/Member		Increase	USD	175	175	275	275
Henry Hub Natural Gas (NG, NN, HP) - Tier 4 vs. Tier 8 (HENRY HUB NAT GAS LAST DAY DELV)								
MNG	Spec		Increase	USD	193	175	303	275
MNG	Hedge/Member		Increase	USD	175	175	275	275
Henry Hub Natural Gas (NG, NN, HP) - Tier 4 vs. Tier 8 (HENRY HUB PENULTIMATE)								
NP	Spec		Increase	USD	193	175	303	275
NP	Hedge/Member		Increase	USD	175	175	275	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 (NG, NN, HP) - Tier 4 vs. Tier 8 (NATURAL GAS HENRY HUB FUTURE)								
NG	Spec		Increase	USD	770	700	1,210	1,100
NG	Hedge/Member		Increase	USD	700	700	1,100	1,100
Henry Hub Natural Gas (NG, NN, HP) - Tier 4 vs. Tier 8 (NATURAL GAS TRADE AT SETTLEMENT)								
NGT	Spec		Increase	USD	770	700	1,210	1,100
NGT	Hedge/Member		Increase	USD	700	700	1,100	1,100
Henry Hub Natural Gas (NG, NN, HP) - Tier 4 vs. Tier 8 (NYMEX NATURAL GAS FUTURES)								
HP	Spec		Increase	USD	770	700	1,210	1,100
HP	Hedge/Member		Increase	USD	700	700	1,100	1,100
Henry Hub Natural Gas (NG, NN, HP) - Tier 5 vs. Tier 5 (E-MINI NATURAL GAS FUTURES)								
QG	Spec		Increase	USD	83	75	138	125
QG	Hedge/Member		Increase	USD	75	75	125	125
Henry Hub Natural Gas (NG, NN, HP) - Tier 5 vs. Tier 5 (HENRY HUB NAT GAS LAST DAY DELV)								
MNG	Spec		Increase	USD	83	75	138	125
MNG	Hedge/Member		Increase	USD	75	75	125	125
Henry Hub Natural Gas (NG, NN, HP) - Tier 5 vs. Tier 5 (HENRY HUB PENULTIMATE)								
NP	Spec		Increase	USD	83	75	138	125
NP	Hedge/Member		Increase	USD	75	75	125	125
Henry Hub Natural Gas (NG, NN, HP) - Tier 5 vs. Tier 5 (NATURAL GAS HENRY HUB FUTURE)								
NG	Spec		Increase	USD	330	300	550	500
NG	Hedge/Member		Increase	USD	300	300	500	500
Henry Hub Natural Gas (NG, NN, HP) - Tier 5 vs. Tier 5 (NATURAL GAS TRADE AT SETTLEMENT)								
NGT	Spec		Increase	USD	330	300	550	500
NGT	Hedge/Member		Increase	USD	300	300	500	500
Henry Hub Natural Gas (NG, NN, HP) - Tier 5 vs. Tier 5 (NYMEX NATURAL GAS FUTURES)								
HP	Spec		Increase	USD	330	300	550	500
HP	Hedge/Member		Increase	USD	300	300	500	500
Henry Hub Natural Gas (NG, NN, HP) - Tier 5 vs. Tier 6 (E-MINI NATURAL GAS FUTURES)								
QG	Spec		Increase	USD	55	50	110	100
QG	Hedge/Member		Increase	USD	50	50	100	100
Henry Hub Natural Gas (NG, NN, HP) - Tier 5 vs. Tier 6 (HENRY HUB NAT GAS LAST DAY DELV)								
MNG	Spec		Increase	USD	55	50	110	100
MNG	Hedge/Member		Increase	USD	50	50	100	100

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 5 vs. Tier 6 (HENRY HUB PENULTIMATE)								
NP	Spec		Increase	USD	55	50	110	100
NP	Hedge/Member		Increase	USD	50	50	100	100
Henry Hub Natural Gas (NG, NN, HP) - Tier 5 vs. Tier 6 (NATURAL GAS HENRY HUB FUTURE)								
NG	Spec		Increase	USD	220	200	440	400
NG	Hedge/Member		Increase	USD	200	200	400	400
Henry Hub Natural Gas (NG, NN, HP) - Tier 5 vs. Tier 6 (NATURAL GAS TRADE AT SETTLEMENT)								
NGT	Spec		Increase	USD	220	200	440	400
NGT	Hedge/Member		Increase	USD	200	200	400	400
Henry Hub Natural Gas (NG, NN, HP) - Tier 5 vs. Tier 6 (NYMEX NATURAL GAS FUTURES)								
HP	Spec		Increase	USD	220	200	440	400
HP	Hedge/Member		Increase	USD	200	200	400	400
Henry Hub Natural Gas (NG, NN, HP) - Tier 5 vs. Tier 7 (E-MINI NATURAL GAS FUTURES)								
QG	Spec		Increase	USD	151	138	206	188
QG	Hedge/Member		Increase	USD	138	138	188	188
Henry Hub Natural Gas (NG, NN, HP) - Tier 5 vs. Tier 7 (HENRY HUB NAT GAS LAST DAY DELV)								
MNG	Spec		Increase	USD	151	138	206	188
MNG	Hedge/Member		Increase	USD	138	138	188	188
Henry Hub Natural Gas (NG, NN, HP) - Tier 5 vs. Tier 7 (HENRY HUB PENULTIMATE)								
NP	Spec		Increase	USD	151	138	206	188
NP	Hedge/Member		Increase	USD	138	138	188	188
Henry Hub Natural Gas (NG, NN, HP) - Tier 5 vs. Tier 7 (NATURAL GAS HENRY HUB FUTURE)								
NG	Spec		Increase	USD	605	550	825	750
NG	Hedge/Member		Increase	USD	550	550	750	750
Henry Hub Natural Gas (NG, NN, HP) - Tier 5 vs. Tier 7 (NATURAL GAS TRADE AT SETTLEMENT)								
NGT	Spec		Increase	USD	605	550	825	750
NGT	Hedge/Member		Increase	USD	550	550	750	750
Henry Hub Natural Gas (NG, NN, HP) - Tier 5 vs. Tier 7 (NYMEX NATURAL GAS FUTURES)								
HP	Spec		Increase	USD	605	550	825	750
HP	Hedge/Member		Increase	USD	550	550	750	750
Henry Hub Natural Gas (NG, NN, HP) - Tier 5 vs. Tier 8 (E-MINI NATURAL GAS FUTURES)								
QG	Spec		Increase	USD	165	150	220	200
QG	Hedge/Member		Increase	USD	150	150	200	200

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 5 vs. Tier 8 (HENRY HUB NAT GAS LAST DAY DELV)								
MNG	Spec		Increase	USD	165	150	220	200
MNG	Hedge/Member		Increase	USD	150	150	200	200
Henry Hub Natural Gas (NG, NN, HP) - Tier 5 vs. Tier 8 (HENRY HUB PENULTIMATE)								
NP	Spec		Increase	USD	165	150	220	200
NP	Hedge/Member		Increase	USD	150	150	200	200
Henry Hub Natural Gas (NG, NN, HP) - Tier 5 vs. Tier 8 (NATURAL GAS HENRY HUB FUTURE)								
NG	Spec		Increase	USD	660	600	880	800
NG	Hedge/Member		Increase	USD	600	600	800	800
Henry Hub Natural Gas (NG, NN, HP) - Tier 5 vs. Tier 8 (NATURAL GAS TRADE AT SETTLEMENT)								
NGT	Spec		Increase	USD	660	600	880	800
NGT	Hedge/Member		Increase	USD	600	600	800	800
Henry Hub Natural Gas (NG, NN, HP) - Tier 5 vs. Tier 8 (NYMEX NATURAL GAS FUTURES)								
HP	Spec		Increase	USD	660	600	880	800
HP	Hedge/Member		Increase	USD	600	600	800	800