



13-268

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

FROM: CME Clearing

SUBJECT: Performance Bond Requirements

DATE: Friday, June 07, 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 11, 2013.

Current rates as of:

Friday, June 07, 2013.

SPAN MINIMUM PERFORMANCE BOND REQUIREMENTS

CC	Rate Type	Description	Change	ISO	Current Initial	Current Maintenance	New Initial	New Maintenance
Outright Rates								
AGRICULTURE - Outright Rates								
MALYSIAN CRUDE PALM OIL CAL SWAP (CPC)								
CPC	Spec		Decrease	USD	2,700	2,000	2,160	1,600
CPC	Hedge/Member		Decrease	USD	2,000	2,000	1,600	1,600
US DENOMINATED CRUDE PALM OIL FUT (CPO)								
CPO	Spec		Decrease	USD	2,700	2,000	2,160	1,600
CPO	Hedge/Member		Decrease	USD	2,000	2,000	1,600	1,600
COAL - Outright Rates								
COAL API4 RCH BAY ARGS MCCLOSKEY FUT (MFF)								
MFF	Spec		Decrease	USD	2,310	2,100	1,925	1,750
MFF	Hedge/Member		Decrease	USD	2,100	2,100	1,750	1,750
EASTERN RAIL DELIVERY CSX COAL FUT (QX)								
QX	Spec		Decrease	USD	1,925	1,750	1,650	1,500
QX	Hedge/Member		Decrease	USD	1,750	1,750	1,500	1,500
CRUDE OIL - Outright Rates								
BRENT BALMO FUT (J9)								
J9	Spec		Decrease	USD	8,250	7,500	5,775	5,250
J9	Hedge/Member		Decrease	USD	7,500	7,500	5,250	5,250
DUBAI CRUDE OIL BALMO (BI)								
BI	Spec		Decrease	USD	7,700	7,000	5,775	5,250
BI	Hedge/Member		Decrease	USD	7,000	7,000	5,250	5,250
WTI BALMO FUT (42)								
42	Spec		Decrease	USD	7,150	6,500	5,775	5,250
42	Hedge/Member		Decrease	USD	6,500	6,500	5,250	5,250

SPAN MINIMUM PERFORMANCE BOND REQUIREMENTS

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

ELECTRICITY - Outright Rates

ERCOT HSTN 345 KV HUB 5 MW PEAK FUT (I1)

I1	Spec	Mnths 3-11	Increase	USD	495	450	770	700
I1	Hedge/Member	Mnths 3-11	Increase	USD	450	450	700	700
I1	Spec	Mnths 12+	Increase	USD	495	450	770	700
I1	Hedge/Member	Mnths 12+	Increase	USD	450	450	700	700

ERCOT NRTH 345 KV HUB 5 MW PEAK FUT (I5)

I5	Spec	Mnths 3-11	Increase	USD	825	750	1,375	1,250
I5	Hedge/Member	Mnths 3-11	Increase	USD	750	750	1,250	1,250

ERCOT STH 345 KV HUB MW PEAK FUT (I9)

I9	Spec	Mnth 2	Increase	USD	1,650	1,500	1,925	1,750
I9	Hedge/Member	Mnth 2	Increase	USD	1,500	1,500	1,750	1,750
I9	Spec	Mnths 3-11	Increase	USD	1,100	1,000	1,650	1,500
I9	Hedge/Member	Mnths 3-11	Increase	USD	1,000	1,000	1,500	1,500

ERCOT WEST 345 KV HUB MW PEAK FUT (N1)

N1	Spec	Mnth 2	Increase	USD	1,650	1,500	2,200	2,000
N1	Hedge/Member	Mnth 2	Increase	USD	1,500	1,500	2,000	2,000
N1	Spec	Mnths 3-11	Increase	USD	1,100	1,000	1,650	1,500
N1	Hedge/Member	Mnths 3-11	Increase	USD	1,000	1,000	1,500	1,500

NYISO A OFF-PEAK (KB)

KB	Spec	Mnths 3-11	Increase	USD	1,925	1,750	2,475	2,250
KB	Hedge/Member	Mnths 3-11	Increase	USD	1,750	1,750	2,250	2,250

FREIGHT - Outright Rates

TC5 RAS TANURA TO YOKOHAMA 55K MT (TH)

TH	Spec		Decrease	USD	3,850	3,500	3,300	3,000
TH	Hedge/Member		Decrease	USD	3,500	3,500	3,000	3,000

INTEREST RATES - Outright Rates

5 YEAR USD INTEREST RATE SWAP (F1U)

F1U	Spec		Increase	USD	660	600	770	700
F1U	Hedge/Member		Increase	USD	600	600	700	700

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

NATURAL GAS - Outright Rates

PANHANDLE BASIS FUT (PH)

PH	Spec	Mnth 1	Increase	USD	165	150	220	200
PH	Hedge/Member	Mnth 1	Increase	USD	150	150	200	200
PH	Spec	Mnth 2	Increase	USD	83	75	110	100
PH	Hedge/Member	Mnth 2	Increase	USD	75	75	100	100
PH	Spec	Mnths 3-6	Increase	USD	83	75	110	100
PH	Hedge/Member	Mnths 3-6	Increase	USD	75	75	100	100
PH	Spec	Mnths 7-12	Increase	USD	83	75	110	100
PH	Hedge/Member	Mnths 7-12	Increase	USD	75	75	100	100

SPAN MINIMUM PERFORMANCE BOND REQUIREMENTS

CC	Rate Type	Description	Change	ISO	Current Initial	Current Maintenance	New Initial	New Maintenance
Outright Rates								
NGL/PETROCHEMICALS - Outright Rates								
ARGUS PROPAN FAR EST INDEX FUT (7E)								
7E	Spec		Decrease	USD	66,000	60,000	60,500	55,000
7E	Hedge/Member		Decrease	USD	60,000	60,000	55,000	55,000
CONWAY NAT GASOLINE FUT (8L)								
8L	Spec		Decrease	USD	8,800	8,000	7,150	6,500
8L	Hedge/Member		Decrease	USD	8,000	8,000	6,500	6,500
CONWAY NORMAL BUTANE FUT (8M)								
8M	Spec		Decrease	USD	9,020	8,200	6,050	5,500
8M	Hedge/Member		Decrease	USD	8,200	8,200	5,500	5,500
HDPE HIGH DEN POLYETHYLENE CAL FUT (HPE)								
HPE	Spec		Increase	USD	1,650	1,500	2,475	2,250
HPE	Hedge/Member		Increase	USD	1,500	1,500	2,250	2,250
MINI ARGUS PROPANE FAR EAST IDX (MAE)								
MAE	Spec		Decrease	USD	6,600	6,000	6,050	5,500
MAE	Hedge/Member		Decrease	USD	6,000	6,000	5,500	5,500
MT BELVIEU NORMAL BUTANE BALM (8J)								
8J	Spec		Decrease	USD	8,250	7,500	6,600	6,000
8J	Hedge/Member		Decrease	USD	7,500	7,500	6,000	6,000
MT BELVIEU ETHYLENE IN-WELL(PCW) (MBE)								
MBE	Spec		Increase	USD	3,300	3,000	3,850	3,500
MBE	Hedge/Member		Increase	USD	3,000	3,000	3,500	3,500
MT. BELVIEU ETHYLENE(PCW) FIN FUT (MBN)								
MBN	Spec		Increase	USD	3,850	3,500	4,290	3,900
MBN	Hedge/Member		Increase	USD	3,500	3,500	3,900	3,900
MT. BELVIEU NRM BTN (OPIS) BLM (Y5)								
Y5	Spec		Decrease	USD	8,250	7,500	6,600	6,000
Y5	Hedge/Member		Decrease	USD	7,500	7,500	6,000	6,000
PGP POLYMER GRD PROPYLENE CAL FUT (PGP)								
PGP	Spec		Decrease	USD	8,250	7,500	6,600	6,000
PGP	Hedge/Member		Decrease	USD	7,500	7,500	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								
REFINED PRODUCTS - Outright Rates								
1% FUEL OIL (PLT) CARG CIF MED (1W)								
1W	Spec		Increase	USD	27,500	25,000	30,250	27,500
1W	Hedge/Member		Increase	USD	25,000	25,000	27,500	27,500
1% FUEL OIL (PLT) CARG CIF NWE (1X)								
1X	Spec		Increase	USD	26,400	24,000	29,150	26,500
1X	Hedge/Member		Increase	USD	24,000	24,000	26,500	26,500
EUROPE 1% FUEL OIL NWE CALFUT (UF)								
UF	Spec	Mnth 1	Increase	USD	25,300	23,000	27,500	25,000
UF	Hedge/Member	Mnth 1	Increase	USD	23,000	23,000	25,000	25,000
UF	Spec	Mnths 2-6	Increase	USD	23,100	21,000	25,300	23,000
UF	Hedge/Member	Mnths 2-6	Increase	USD	21,000	21,000	23,000	23,000
UF	Spec	Mnths 7+	Increase	USD	20,900	19,000	23,100	21,000
UF	Hedge/Member	Mnths 7+	Increase	USD	19,000	19,000	21,000	21,000
EUROPE 1% FUEL OIL RDAM CALFUT (UH)								
UH	Spec		Increase	USD	23,100	21,000	25,300	23,000
UH	Hedge/Member		Increase	USD	21,000	21,000	23,000	23,000
EUROPE 3.5% FUEL OIL RDAM CALFUT (UV)								
UV	Spec	Mths 1	Increase	USD	23,100	21,000	24,750	22,500
UV	Hedge/Member	Mths 1	Increase	USD	21,000	21,000	22,500	22,500
UV	Spec	Mnths 2-6	Increase	USD	19,800	18,000	21,450	19,500
UV	Hedge/Member	Mnths 2-6	Increase	USD	18,000	18,000	19,500	19,500
UV	Spec	Mnths 7+	Increase	USD	18,150	16,500	19,800	18,000
UV	Hedge/Member	Mnths 7+	Increase	USD	16,500	16,500	18,000	18,000
EUROPE JET KERO NWE CALFUT (UJ)								
UJ	Spec	Mths 1	Increase	USD	36,300	33,000	40,700	37,000
UJ	Hedge/Member	Mths 1	Increase	USD	33,000	33,000	37,000	37,000
UJ	Spec	Mths 2-6	Increase	USD	36,300	33,000	40,700	37,000
UJ	Hedge/Member	Mths 2-6	Increase	USD	33,000	33,000	37,000	37,000
UJ	Spec	Mnths 7+	Increase	USD	33,000	30,000	37,400	34,000
UJ	Hedge/Member	Mnths 7+	Increase	USD	30,000	30,000	34,000	34,000

SPAN MINIMUM PERFORMANCE BOND REQUIREMENTS

CC	Rate Type	Description	Change	ISO	Current Initial	Current Maintenance	New Initial	New Maintenance
Outright Rates								
MIN EUR 1% FUEL OIL CRGO FOBNWE FUT (0B)								
0B	Spec	Mnth 1	Increase	USD	2,530	2,300	2,750	2,500
0B	Hedge/Member	Mnth 1	Increase	USD	2,300	2,300	2,500	2,500
0B	Spec	Mnths 2-6	Increase	USD	2,310	2,100	2,530	2,300
0B	Hedge/Member	Mnths 2-6	Increase	USD	2,100	2,100	2,300	2,300
0B	Spec	Mnths 7+	Increase	USD	2,090	1,900	2,310	2,100
0B	Hedge/Member	Mnths 7+	Increase	USD	1,900	1,900	2,100	2,100
MINI EURO 1% FUEL OIL FOBRDM FUT (T0)								
T0	Spec		Increase	USD	2,310	2,100	2,530	2,300
T0	Hedge/Member		Increase	USD	2,100	2,100	2,300	2,300
MINI EURO 3.5% FUEL OIL FOB RDM FUT (0D)								
0D	Spec	Mths 1	Increase	USD	2,310	2,100	2,475	2,250
0D	Hedge/Member	Mths 1	Increase	USD	2,100	2,100	2,250	2,250
0D	Spec	Mnths 2-6	Increase	USD	1,980	1,800	2,145	1,950
0D	Hedge/Member	Mnths 2-6	Increase	USD	1,800	1,800	1,950	1,950
0D	Spec	Mnths 7+	Increase	USD	1,815	1,650	1,980	1,800
0D	Hedge/Member	Mnths 7+	Increase	USD	1,650	1,650	1,800	1,800
MINI SINGAPORE 380CST FUEL OIL FUT (MTS)								
MTS	Spec	Mnth 1	Increase	USD	2,090	1,900	2,420	2,200
MTS	Hedge/Member	Mnth 1	Increase	USD	1,900	1,900	2,200	2,200
MTS	Spec	Mnths 2+	Increase	USD	2,090	1,900	2,420	2,200
MTS	Hedge/Member	Mnths 2+	Increase	USD	1,900	1,900	2,200	2,200
SINGAPORE 380CST FUEL OIL FUT (SE)								
SE	Spec	Mnth 1	Increase	USD	20,900	19,000	24,200	22,000
SE	Hedge/Member	Mnth 1	Increase	USD	19,000	19,000	22,000	22,000
SE	Spec	Mnths 2+	Increase	USD	20,900	19,000	24,200	22,000
SE	Hedge/Member	Mnths 2+	Increase	USD	19,000	19,000	22,000	22,000
SINGAPORE JET KEROSENE FUT (KS)								
KS	Spec	Mnth 1	Increase	USD	4,400	4,000	4,840	4,400
KS	Hedge/Member	Mnth 1	Increase	USD	4,000	4,000	4,400	4,400
KS	Spec	Mnths 2-6	Increase	USD	4,400	4,000	4,840	4,400
KS	Hedge/Member	Mnths 2-6	Increase	USD	4,000	4,000	4,400	4,400
KS	Spec	Mnths 7+	Increase	USD	3,960	3,600	4,400	4,000
KS	Hedge/Member	Mnths 7+	Increase	USD	3,600	3,600	4,000	4,000
TOKYO BAY GAS (RIM) FUT (RMG)								
RMG	Spec		Increase	JPY	198,000	180,000	242,000	220,000
RMG	Hedge/Member		Increase	JPY	180,000	180,000	220,000	220,000

SPAN MINIMUM PERFORMANCE BOND REQUIREMENTS

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

TOKYO BAY KEROSENE (RIM) FUT (RMK)

RMK	Spec		Increase	JPY	198,000	180,000	275,000	250,000
RMK	Hedge/Member		Increase	JPY	180,000	180,000	250,000	250,000

SPAN MINIMUM PERFORMANCE BOND REQUIREMENTS

CC	Rate Type	Description	Change	ISO	Current Initial	Current Maintenance	New Initial	New Maintenance
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Intra Spreads

SPAN MINIMUM PERFORMANCE BOND REQUIREMENTS

CC	Rate Type	Description	Change	ISO	Current Initial	Current Maintenance	New Initial	New Maintenance
Intra Spreads								
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		Decrease	USD	83	75	69	63
NNT	Hedge/Member		Decrease	USD	75	75	63	63
Henry Hub Natural Gas (HH, NG, NN, HP) - Tier 1 vs. Tier 2 (HENRY HUB FUT)								
NN	Spec		Decrease	USD	83	75	69	63
NN	Hedge/Member		Decrease	USD	75	75	63	63
Henry Hub Natural Gas (HH, NG, NN, HP) - Tier 1 vs. Tier 2 (HH TAS NYMEX NATURAL GAS FUTURES)								
HHT	Spec		Decrease	USD	330	300	275	250
HHT	Hedge/Member		Decrease	USD	300	300	250	250
Henry Hub Natural Gas (HH, NG, NN, HP) - Tier 1 vs. Tier 2 (NYMEX NATURAL GAS (H.HUB LTD) FUT)								
HH	Spec		Decrease	USD	330	300	275	250
HH	Hedge/Member		Decrease	USD	300	300	250	250
Henry Hub Natural Gas (HH, NG, NN, HP) Consecutive Month Spread 1-2 (HENRY HUB FUT TRADE AT SETTLEMENT)								
NNT	Spec		Decrease	USD	83	75	69	63
NNT	Hedge/Member		Decrease	USD	75	75	63	63
Henry Hub Natural Gas (HH, NG, NN, HP) Consecutive Month Spread 1-2 (HENRY HUB FUT)								
NN	Spec		Decrease	USD	83	75	69	63
NN	Hedge/Member		Decrease	USD	75	75	63	63
Henry Hub Natural Gas (HH, NG, NN, HP) Consecutive Month Spread 1-2 (HH TAS NYMEX NATURAL GAS FUTURES)								
HHT	Spec		Decrease	USD	330	300	275	250
HHT	Hedge/Member		Decrease	USD	300	300	250	250
Henry Hub Natural Gas (HH, NG, NN, HP) Consecutive Month Spread 1-2 (NYMEX NATURAL GAS (H.HUB LTD) FUT)								
HH	Spec		Decrease	USD	330	300	275	250
HH	Hedge/Member		Decrease	USD	300	300	250	250
Henry Hub Natural Gas (HH, NG, NN, HP) Consecutive Month Spread 2-3 (HENRY HUB FUT TRADE AT SETTLEMENT)								
NNT	Spec		Decrease	USD	83	75	69	63
NNT	Hedge/Member		Decrease	USD	75	75	63	63
Henry Hub Natural Gas (HH, NG, NN, HP) Consecutive Month Spread 2-3 (HENRY HUB FUT)								
NN	Spec		Decrease	USD	83	75	69	63
NN	Hedge/Member		Decrease	USD	75	75	63	63
Henry Hub Natural Gas (HH, NG, NN, HP) Consecutive Month Spread 2-3 (HH TAS NYMEX NATURAL GAS FUTURES)								
HHT	Spec		Decrease	USD	330	300	275	250
HHT	Hedge/Member		Decrease	USD	300	300	250	250

SPAN MINIMUM PERFORMANCE BOND REQUIREMENTS

CC	Rate Type	Description	Change	ISO	Current Initial	Current Maintenance	New Initial	New Maintenance
Intra Spreads								
Henry Hub Natural Gas (HH, NG, NN, HP) Consecutive Month Spread 2-3 (NYMEX NATURAL GAS (H.HUB LTD) FUT)								
HH	Spec		Decrease	USD	330	300	275	250
HH	Hedge/Member		Decrease	USD	300	300	250	250
Henry Hub Natural Gas (HH, NG, NN, HP) Consecutive Month Spread 3-4 (HENRY HUB FUT TRADE AT SETTLEMENT)								
NNT	Spec		Decrease	USD	83	75	69	63
NNT	Hedge/Member		Decrease	USD	75	75	63	63
Henry Hub Natural Gas (HH, NG, NN, HP) Consecutive Month Spread 3-4 (HENRY HUB FUT)								
NN	Spec		Decrease	USD	83	75	69	63
NN	Hedge/Member		Decrease	USD	75	75	63	63
Henry Hub Natural Gas (HH, NG, NN, HP) Consecutive Month Spread 3-4 (HH TAS NYMEX NATURAL GAS FUTURES)								
HHT	Spec		Decrease	USD	330	300	275	250
HHT	Hedge/Member		Decrease	USD	300	300	250	250
Henry Hub Natural Gas (HH, NG, NN, HP) Consecutive Month Spread 3-4 (NYMEX NATURAL GAS (H.HUB LTD) FUT)								
HH	Spec		Decrease	USD	330	300	275	250
HH	Hedge/Member		Decrease	USD	300	300	250	250
Henry Hub Natural Gas (NG, NN, HP) - Tier 1 vs. Tier 2 (E-MINI NATURAL GAS FUTURES)								
QG	Spec		Decrease	USD	83	75	69	63
QG	Hedge/Member		Decrease	USD	75	75	63	63
Henry Hub Natural Gas (NG, NN, HP) - Tier 1 vs. Tier 2 (HENRY HUB NAT GAS LAST DAY DELV)								
MNG	Spec		Decrease	USD	83	75	69	63
MNG	Hedge/Member		Decrease	USD	75	75	63	63
Henry Hub Natural Gas (NG, NN, HP) - Tier 1 vs. Tier 2 (HENRY HUB PENULTIMATE)								
NP	Spec		Decrease	USD	83	75	69	63
NP	Hedge/Member		Decrease	USD	75	75	63	63
Henry Hub Natural Gas (NG, NN, HP) - Tier 1 vs. Tier 2 (NATURAL GAS HENRY HUB FUTURE)								
NG	Spec		Decrease	USD	330	300	275	250
NG	Hedge/Member		Decrease	USD	300	300	250	250
Henry Hub Natural Gas (NG, NN, HP) - Tier 1 vs. Tier 2 (NATURAL GAS TRADE AT SETTLEMENT)								
NGT	Spec		Decrease	USD	330	300	275	250
NGT	Hedge/Member		Decrease	USD	300	300	250	250
Henry Hub Natural Gas (NG, NN, HP) - Tier 1 vs. Tier 2 (NYMEX NATURAL GAS FUTURES)								
HP	Spec		Decrease	USD	330	300	275	250
HP	Hedge/Member		Decrease	USD	300	300	250	250

SPAN MINIMUM PERFORMANCE BOND REQUIREMENTS

CC	Rate Type	Description	Change	ISO	Current Initial	Current Maintenance	New Initial	New Maintenance
Intra Spreads								
Henry Hub Natural Gas (NG, NN, HP) Consecutive Month Spread 1-2 (E-MINI NATURAL GAS FUTURES)								
QG	Spec		Decrease	USD	83	75	69	63
QG	Hedge/Member		Decrease	USD	75	75	63	63
Henry Hub Natural Gas (NG, NN, HP) Consecutive Month Spread 1-2 (HENRY HUB NAT GAS LAST DAY DELV)								
MNG	Spec		Decrease	USD	83	75	69	63
MNG	Hedge/Member		Decrease	USD	75	75	63	63
Henry Hub Natural Gas (NG, NN, HP) Consecutive Month Spread 1-2 (HENRY HUB PENULTIMATE)								
NP	Spec		Decrease	USD	83	75	69	63
NP	Hedge/Member		Decrease	USD	75	75	63	63
Henry Hub Natural Gas (NG, NN, HP) Consecutive Month Spread 1-2 (NATURAL GAS HENRY HUB FUTURE)								
NG	Spec		Decrease	USD	330	300	275	250
NG	Hedge/Member		Decrease	USD	300	300	250	250
Henry Hub Natural Gas (NG, NN, HP) Consecutive Month Spread 1-2 (NATURAL GAS TRADE AT SETTLEMENT)								
NGT	Spec		Decrease	USD	330	300	275	250
NGT	Hedge/Member		Decrease	USD	300	300	250	250
Henry Hub Natural Gas (NG, NN, HP) Consecutive Month Spread 1-2 (NYMEX NATURAL GAS FUTURES)								
HP	Spec		Decrease	USD	330	300	275	250
HP	Hedge/Member		Decrease	USD	300	300	250	250
Henry Hub Natural Gas (NG, NN, HP) Consecutive Month Spread 2-3 (E-MINI NATURAL GAS FUTURES)								
QG	Spec		Decrease	USD	83	75	69	63
QG	Hedge/Member		Decrease	USD	75	75	63	63
Henry Hub Natural Gas (NG, NN, HP) Consecutive Month Spread 2-3 (HENRY HUB NAT GAS LAST DAY DELV)								
MNG	Spec		Decrease	USD	83	75	69	63
MNG	Hedge/Member		Decrease	USD	75	75	63	63
Henry Hub Natural Gas (NG, NN, HP) Consecutive Month Spread 2-3 (HENRY HUB PENULTIMATE)								
NP	Spec		Decrease	USD	83	75	69	63
NP	Hedge/Member		Decrease	USD	75	75	63	63
Henry Hub Natural Gas (NG, NN, HP) Consecutive Month Spread 2-3 (NATURAL GAS HENRY HUB FUTURE)								
NG	Spec		Decrease	USD	330	300	275	250
NG	Hedge/Member		Decrease	USD	300	300	250	250
Henry Hub Natural Gas (NG, NN, HP) Consecutive Month Spread 2-3 (NATURAL GAS TRADE AT SETTLEMENT)								
NGT	Spec		Decrease	USD	330	300	275	250
NGT	Hedge/Member		Decrease	USD	300	300	250	250

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CC	Rate Type	Description	Change	ISO	Current Initial	Current Maintenance	New Initial	New Maintenance
Intra Spreads								
Henry Hub Natural Gas (NG, NN, HP) Consecutive Month Spread 2-3 (NYMEX NATURAL GAS FUTURES)								
HP	Spec		Decrease	USD	330	300	275	250
HP	Hedge/Member		Decrease	USD	300	300	250	250
Henry Hub Natural Gas (NG, NN, HP) Consecutive Month Spread 3-4 (E-MINI NATURAL GAS FUTURES)								
QG	Spec		Decrease	USD	83	75	69	63
QG	Hedge/Member		Decrease	USD	75	75	63	63
Henry Hub Natural Gas (NG, NN, HP) Consecutive Month Spread 3-4 (HENRY HUB NAT GAS LAST DAY DELV)								
MNG	Spec		Decrease	USD	83	75	69	63
MNG	Hedge/Member		Decrease	USD	75	75	63	63
Henry Hub Natural Gas (NG, NN, HP) Consecutive Month Spread 3-4 (HENRY HUB PENULTIMATE)								
NP	Spec		Decrease	USD	83	75	69	63
NP	Hedge/Member		Decrease	USD	75	75	63	63
Henry Hub Natural Gas (NG, NN, HP) Consecutive Month Spread 3-4 (NATURAL GAS HENRY HUB FUTURE)								
NG	Spec		Decrease	USD	330	300	275	250
NG	Hedge/Member		Decrease	USD	300	300	250	250
Henry Hub Natural Gas (NG, NN, HP) Consecutive Month Spread 3-4 (NATURAL GAS TRADE AT SETTLEMENT)								
NGT	Spec		Decrease	USD	330	300	275	250
NGT	Hedge/Member		Decrease	USD	300	300	250	250
Henry Hub Natural Gas (NG, NN, HP) Consecutive Month Spread 3-4 (NYMEX NATURAL GAS FUTURES)								
HP	Spec		Decrease	USD	330	300	275	250
HP	Hedge/Member		Decrease	USD	300	300	250	250

SPAN MINIMUM PERFORMANCE BOND REQUIREMENTS

Rate Type	Change	Ratio	Current Initial	Current Maintenance	New Initial	New Maintenance
Inter-commodity Spread Rates						
CRUDE OIL - Inter-commodity Spread Rates						
GULF COAST NO.6 FUEL OIL 3.0% (PLATTS) VS. BRENT CRACK SPREAD SWAP FUTURES (NY-GCI - CME) vs GULF COAST NO. 6 FUEL OIL 3.0% (PLATTS) SWAP FUTURES (NY-MF - CME) vs BRENT (ICE) CALENDAR SWAP FUTURES (NY-CY - CME)						
Spread Credit Rate	New	+1:-1:+1			95%	95%
GULF COAST NO.6 FUEL OIL 3.0% (PLATTS) VS. BRENT CRACK SPREAD SWAP FUTURES (NY-GCI - CME) vs GULF COAST NO. 6 FUEL OIL 3.0% (PLATTS) SWAP FUTURES (NY-MF - CME) vs BRENT CRUDE OIL LAST DAY FINANCIAL FUTURES (NY-BZ - CME)						
Spread Credit Rate	New	+1:-1:+1			95%	95%
GULF COAST NO.6 FUEL OIL 3.0% (PLATTS) VS. BRENT CRACK SPREAD SWAP FUTURES (NY-GCI - CME) vs GULF COAST NO. 6 FUEL OIL 3.0% (PLATTS) SWAP FUTURES (NY-MF - CME) vs BRENT CRUDE OIL PENULTIMATE FINANCIAL FUTURES (NY-BB - CME)						
Spread Credit Rate	New	+1:-1:+1			95%	95%
GULF COAST UNL 87 (PLATTS) CRACK SPREAD SWAP FUTURES (NY-RU - CME) vs GULF COAST UNL 87 (PLATTS) CALENDAR SWAP FUTURES (NY-GS - CME) vs LIGHT SWEET CRUDE OIL FUTURES (NY-CL - CME)						
Spread Credit Rate	New	+1:-1:+1			95%	95%
GULF COAST UNL 87 (PLATTS) CRACK SPREAD SWAP FUTURES (NY-RU - CME) vs GULF COAST UNL 87 (PLATTS) CALENDAR SWAP FUTURES (NY-GS - CME) vs WTI CALENDAR SWAP FUTURES (NY-CS - CME)						
Spread Credit Rate	New	+1:-1:+1			95%	95%
RBOB GASOLINE CRACK SPREAD SWAP FUTURES (NY-RM - CME) vs RBOB GASOLINE CALENDAR SWAP FUTURES (NY-RL - CME) vs LIGHT SWEET CRUDE OIL FUTURES (NY-CL - CME)						
Spread Credit Rate	New	+1:-1:+1			95%	95%
RBOB GASOLINE CRACK SPREAD SWAP FUTURES (NY-RM - CME) vs RBOB GASOLINE CALENDAR SWAP FUTURES (NY-RL - CME) vs WTI CALENDAR SWAP FUTURES (NY-CS - CME)						
Spread Credit Rate	New	+1:-1:+1			95%	95%
RBOB GASOLINE CRACK SPREAD SWAP FUTURES (NY-RM - CME) vs RBOB GASOLINE FUTURES (NY-RB - CME) vs LIGHT SWEET CRUDE OIL FUTURES (NY-CL - CME)						
Spread Credit Rate	New	+1:-1:+1			95%	95%
RBOB GASOLINE CRACK SPREAD SWAP FUTURES (NY-RM - CME) vs RBOB GASOLINE FUTURES (NY-RB - CME) vs WTI CALENDAR SWAP FUTURES (NY-CS - CME)						
Spread Credit Rate	New	+1:-1:+1			95%	95%
SINGAPORE FUEL OIL 180 CST (PLATTS) 6.35 DUBAI CRACK SPREAD SWAP FUTURES (NY-STS - CME) vs SINGAPORE FUEL OIL 180 CST (PLATTS) CALENDAR SWAP FUTURES (NY-UA - CME) vs DUBAI CRUDE OIL (PLATTS) CALENDAR SWAP FUTURES (NY-DC - CME)						
Spread Credit Rate	New	+19:-3:+19			95%	95%
SINGAPORE MOGAS 92 UNLEADED (PLATTS) BRENT CRACK SPREAD SWAP FUTURES (NY-1NB - CME) vs SINGAPORE MOGAS 92 UNLEADED (PLATTS) SWAP FUTURES (NY-1N - CME) vs BRENT (ICE) CALENDAR SWAP FUTURES (NY-CY - CME)						
Spread Credit Rate	New	+1:-1:+1			95%	95%
SINGAPORE MOGAS 92 UNLEADED (PLATTS) BRENT CRACK SPREAD SWAP FUTURES (NY-1NB - CME) vs SINGAPORE MOGAS 92 UNLEADED (PLATTS) SWAP FUTURES (NY-1N - CME) vs BRENT CRUDE OIL LAST DAY FINANCIAL FUTURES (NY-BZ - CME)						

SPAN MINIMUM PERFORMANCE BOND REQUIREMENTS

Rate Type	Change	Ratio	Current Initial	Current Maintenance	New Initial	New Maintenance
Inter-commodity Spread Rates						
Spread Credit Rate	New	+1:-1:+1			95%	95%
SINGAPORE MOGAS 92 UNLEADED (PLATTS) BRENT CRACK SPREAD SWAP FUTURES (NY-1NB - CME) vs SINGAPORE MOGAS 92 UNLEADED (PLATTS) SWAP FUTURES (NY-1N - CME) vs BRENT CRUDE OIL PENULTIMATE FINANCIAL FUTURES (NY-BB - CME)						
Spread Credit Rate	New	+1:-1:+1			95%	95%

SPAN MINIMUM PERFORMANCE BOND REQUIREMENTS

Rate Type	Change	Ratio	Current Initial	Current Maintenance	New Initial	New Maintenance
Inter-commodity Spread Rates						
PETROLEUM CRACKS AND SPREADS - Inter-commodity Spread Rates						
1% FUEL OIL RDAM VS. 1% FUEL OIL NWE (PLATTS) SWAP FUTURES (NY-33 - CME) vs EUROPEAN 1% FUEL OIL (PLATTS) BARGES FOB RDAM CALENDAR SWAP FUTURES (NY-UH - CME) vs EUROPEAN 1% FUEL OIL (PLATTS) CARGOES FOB NWE CALENDAR SWAP FUTURES (NY-UF - CME)						
Spread Credit Rate	New	+1:-1:+1			95%	95%
CHICAGO ULSD (PLATTS) VS. HEATING OIL SPREAD SWAP FUTURES (NY-5C - CME) vs CHICAGO ULSD (PLATTS) SWAP FUTURES (NY-4C - CME) vs HEATING OIL CALENDAR SWAP FUTURES (NY-MP - CME)						
Spread Credit Rate	New	+1:-1:+1			95%	95%
CHICAGO ULSD (PLATTS) VS. HEATING OIL SPREAD SWAP FUTURES (NY-5C - CME) vs CHICAGO ULSD (PLATTS) SWAP FUTURES (NY-4C - CME) vs NEW YORK HARBOR NO. 2 HEATING OIL FUTURES (NY-HO - CME)						
Spread Credit Rate	New	+1:-1:+1			95%	95%
EUROPEAN GASOIL 10 PPM (PLATTS) BARGES FOB RDAM VS. GASOIL FUTURES SWAP (NY-ET - CME) vs EUROPEAN GASOIL 10 PPM (PLATTS) BARGES FOB RDAM SWAP FUTURES (NY-GT - CME) vs EUROPEAN GASOIL (ICE) SWAP FUTURES (NY-GX - CME)						
Spread Credit Rate	New	+1:-1:+1			95%	95%
EUROPEAN GASOIL 10 PPM (PLATTS) BARGES FOB RDAM VS. GASOIL FUTURES SWAP (NY-ET - CME) vs EUROPEAN GASOIL 10 PPM (PLATTS) BARGES FOB RDAM SWAP FUTURES (NY-GT - CME) vs EUROPEAN GASOIL BULLET SWAP FUTURES (NY-BG - CME)						
Spread Credit Rate	New	+1:-1:+1			95%	95%
FAME 0 BIODIESEL (ARGUS) FOB ROTTERDAM (RED COMPLIANT) VS. ICE GASOIL SPREAD SWAP FUTURE (NY-FBT - CME) vs FAME 0 (ARGUS) BIODIESEL FOB RDAM SWAP FUTURES (NY-2L - CME) vs EUROPEAN GASOIL (ICE) SWAP FUTURES (NY-GX - CME)						
Spread Credit Rate	New	+10:-10:+1			95%	95%
FAME 0 BIODIESEL (ARGUS) FOB ROTTERDAM (RED COMPLIANT) VS. ICE GASOIL SPREAD SWAP FUTURE (NY-FBT - CME) vs FAME 0 (ARGUS) BIODIESEL FOB RDAM SWAP FUTURES (NY-2L - CME) vs EUROPEAN GASOIL BULLET SWAP FUTURES (NY-BG - CME)						
Spread Credit Rate	New	+10:-10:+1			95%	95%
GASOIL 0.1 (PLATTS) BARGES FOB RDAM VS. ICE GASOIL SWAP FUTURES (NY-WQ - CME) vs GASOIL 0.1 (PLATTS) BARGES FOB RDAM SWAP FUTURES (NY-VL - CME) vs EUROPEAN GASOIL (ICE) SWAP FUTURES (NY-GX - CME)						
Spread Credit Rate	New	+1:-1:+1			95%	95%
GASOIL 0.1 (PLATTS) BARGES FOB RDAM VS. ICE GASOIL SWAP FUTURES (NY-WQ - CME) vs GASOIL 0.1 (PLATTS) BARGES FOB RDAM SWAP FUTURES (NY-VL - CME) vs EUROPEAN GASOIL BULLET SWAP FUTURES (NY-BG - CME)						
Spread Credit Rate	New	+1:-1:+1			95%	95%
GASOIL 10PPM (PLATTS) CARGOES CIF NWE VS. ICE GASOIL SWAP FUTURES (NY-TP - CME) vs GASOIL 10PPM (PLATTS) CARGOES CIF NWE SWAP FUTURES (NY-TY - CME) vs EUROPEAN GASOIL (ICE) SWAP FUTURES (NY-GX - CME)						
Spread Credit Rate	New	+1:-1:+1			95%	95%

SPAN MINIMUM PERFORMANCE BOND REQUIREMENTS

Rate Type	Change	Ratio	Current Initial	Current Maintenance	New Initial	New Maintenance
Inter-commodity Spread Rates						
GASOIL 10PPM (PLATTS) CARGOES CIF NWE VS. ICE GASOIL SWAP FUTURES (NY-TP - CME) vs GASOIL 10PPM (PLATTS) CARGOES CIF NWE SWAP FUTURES (NY-TY - CME) vs EUROPEAN GASOIL BULLET SWAP FUTURES (NY-BG - CME)						
Spread Credit Rate	New	+1:-1:+1			95%	95%
GULF COAST NO.6 FUEL OIL 3.0% (PLATTS) VS. BRENT CRACK SPREAD SWAP FUTURES (NY-GCI - CME) vs GULF COAST NO. 6 FUEL OIL 3.0% (PLATTS) SWAP FUTURES (NY-MF - CME) vs BRENT (ICE) CALENDAR SWAP FUTURES (NY-CY - CME)						
Spread Credit Rate	New	+1:-1:+1			95%	95%
GULF COAST NO.6 FUEL OIL 3.0% (PLATTS) VS. BRENT CRACK SPREAD SWAP FUTURES (NY-GCI - CME) vs GULF COAST NO. 6 FUEL OIL 3.0% (PLATTS) SWAP FUTURES (NY-MF - CME) vs BRENT CRUDE OIL LAST DAY FINANCIAL FUTURES (NY-BZ - CME)						
Spread Credit Rate	New	+1:-1:+1			95%	95%
GULF COAST NO.6 FUEL OIL 3.0% (PLATTS) VS. BRENT CRACK SPREAD SWAP FUTURES (NY-GCI - CME) vs GULF COAST NO. 6 FUEL OIL 3.0% (PLATTS) SWAP FUTURES (NY-MF - CME) vs BRENT CRUDE OIL PENULTIMATE FINANCIAL FUTURES (NY-BB - CME)						
Spread Credit Rate	New	+1:-1:+1			95%	95%
GULF COAST UNL 87 (PLATTS) CRACK SPREAD SWAP FUTURES (NY-RU - CME) vs GULF COAST UNL 87 (PLATTS) CALENDAR SWAP FUTURES (NY-GS - CME) vs LIGHT SWEET CRUDE OIL FUTURES (NY-CL - CME)						
Spread Credit Rate	New	+1:-1:+1			95%	95%
GULF COAST UNL 87 (PLATTS) CRACK SPREAD SWAP FUTURES (NY-RU - CME) vs GULF COAST UNL 87 (PLATTS) CALENDAR SWAP FUTURES (NY-GS - CME) vs WTI CALENDAR SWAP FUTURES (NY-CS - CME)						
Spread Credit Rate	New	+1:-1:+1			95%	95%
JET CARGOES (PLATTS) CIF NWE VS. GASOIL FUTURES SWAP (NY-JC - CME) vs EUROPEAN JET KEROSENE (PLATTS) CARGOES CIF NWE CALENDAR SWAP FUTURES (NY-UJ - CME) vs EUROPEAN GASOIL (ICE) SWAP FUTURES (NY-GX - CME)						
Spread Credit Rate	New	+1:-1:+1			95%	95%
JET CARGOES (PLATTS) CIF NWE VS. GASOIL FUTURES SWAP (NY-JC - CME) vs EUROPEAN JET KEROSENE (PLATTS) CARGOES CIF NWE CALENDAR SWAP FUTURES (NY-UJ - CME) vs EUROPEAN GASOIL BULLET SWAP FUTURES (NY-BG - CME)						
Spread Credit Rate	New	+1:-1:+1			95%	95%
LOS ANGELES CARBOB GASOLINE (OPIS) SPREAD SWAP FUTURES (NY-JL - CME) vs LOS ANGELES CARBOB GASOLINE (OPIS) SWAP FUTURES (NY-MH - CME) vs RBOB GASOLINE CALENDAR SWAP FUTURES (NY-RL - CME)						
Spread Credit Rate	New	+1:-1:+1			95%	95%
LOS ANGELES CARBOB GASOLINE (OPIS) SPREAD SWAP FUTURES (NY-JL - CME) vs LOS ANGELES CARBOB GASOLINE (OPIS) SWAP FUTURES (NY-MH - CME) vs RBOB GASOLINE FUTURES (NY-RB - CME)						
Spread Credit Rate	New	+1:-1:+1			95%	95%
LOS ANGELES JET (OPIS) SPREAD SWAP FUTURES (NY-JS - CME) vs LOS ANGELES JET (OPIS) OUTRIGHT SWAP FUTURES (NY-LL - CME) vs HEATING OIL CALENDAR SWAP FUTURES (NY-MP - CME)						
Spread Credit Rate	New	+1:-1:+1			95%	95%
LOS ANGELES JET (OPIS) SPREAD SWAP FUTURES (NY-JS - CME) vs LOS ANGELES JET (OPIS) OUTRIGHT SWAP FUTURES (NY-LL - CME) vs NEW YORK HARBOR NO. 2 HEATING OIL FUTURES (NY-HO - CME)						
Spread Credit Rate	New	+1:-1:+1			95%	95%

SPAN MINIMUM PERFORMANCE BOND REQUIREMENTS

Rate Type	Change	Ratio	Current Initial	Current Maintenance	New Initial	New Maintenance
Inter-commodity Spread Rates						
NY 1% FUEL OIL VS. GULF COAST 3% FUEL OIL SPREAD (PLATTS) SWAP FUTURES (NY-VR - CME) vs NEW YORK HARBOR RESIDUAL FUEL 1.0% (PLATTS) SWAP FUTURES (NY-MM - CME) vs GULF COAST NO. 6 FUEL OIL 3.0% (PLATTS) SWAP FUTURES (NY-MF - CME)						
Spread Credit Rate	New	+1:-1:+1			95%	95%
NY 3.0% FUEL OIL VS. GULF COAST NO. 6 FUEL OIL 3.0% (PLATTS) SWAP FUTURES (NY-FOC - CME) vs NY 3.0% FUEL OIL (PLATTS) SWAP FUTURES (NY-H1 - CME) vs GULF COAST NO. 6 FUEL OIL 3.0% (PLATTS) SWAP FUTURES (NY-MF - CME)						
Spread Credit Rate	New	+1:-1:+1			95%	95%
NY ULSD (ARGUS) VS. HEATING OIL SPREAD SWAP FUTURES (NY-7Y - CME) vs NY ULSD (ARGUS) SWAP FUTURES (NY-5Y - CME) vs HEATING OIL CALENDAR SWAP FUTURES (NY-MP - CME)						
Spread Credit Rate	New	+1:-1:+1			95%	95%
NY ULSD (ARGUS) VS. HEATING OIL SPREAD SWAP FUTURES (NY-7Y - CME) vs NY ULSD (ARGUS) SWAP FUTURES (NY-5Y - CME) vs NEW YORK HARBOR NO. 2 HEATING OIL FUTURES (NY-HO - CME)						
Spread Credit Rate	New	+1:-1:+1			95%	95%
RBOB GASOLINE CRACK SPREAD SWAP FUTURES (NY-RM - CME) vs RBOB GASOLINE CALENDAR SWAP FUTURES (NY-RL - CME) vs LIGHT SWEET CRUDE OIL FUTURES (NY-CL - CME)						
Spread Credit Rate	New	+1:-1:+1			95%	95%
RBOB GASOLINE CRACK SPREAD SWAP FUTURES (NY-RM - CME) vs RBOB GASOLINE CALENDAR SWAP FUTURES (NY-RL - CME) vs WTI CALENDAR SWAP FUTURES (NY-CS - CME)						
Spread Credit Rate	New	+1:-1:+1			95%	95%
RBOB GASOLINE CRACK SPREAD SWAP FUTURES (NY-RM - CME) vs RBOB GASOLINE FUTURES (NY-RB - CME) vs LIGHT SWEET CRUDE OIL FUTURES (NY-CL - CME)						
Spread Credit Rate	New	+1:-1:+1			95%	95%
RBOB GASOLINE CRACK SPREAD SWAP FUTURES (NY-RM - CME) vs RBOB GASOLINE FUTURES (NY-RB - CME) vs WTI CALENDAR SWAP FUTURES (NY-CS - CME)						
Spread Credit Rate	New	+1:-1:+1			95%	95%
RME BIODIESEL (ARGUS) FOB RDAM (RED COMPLIANT) VS. ICE GASOIL SPREAD SWAP FUTURE (NY-BFR - CME) vs RME BIODIESEL (ARGUS) FOB RDAM (RED COMPLIANT) SWAP FUTURE (NY-RBF - CME) vs EUROPEAN GASOIL (ICE) SWAP FUTURES (NY-GX - CME)						
Spread Credit Rate	New	+10:-10:+1			95%	95%
RME BIODIESEL (ARGUS) FOB RDAM (RED COMPLIANT) VS. ICE GASOIL SPREAD SWAP FUTURE (NY-BFR - CME) vs RME BIODIESEL (ARGUS) FOB RDAM (RED COMPLIANT) SWAP FUTURE (NY-RBF - CME) vs EUROPEAN GASOIL BULLET SWAP FUTURES (NY-BG - CME)						
Spread Credit Rate	New	+10:-10:+1			95%	95%
SINGAPORE FUEL OIL 180 CST (PLATTS) 6.35 DUBAI CRACK SPREAD SWAP FUTURES (NY-STS - CME) vs SINGAPORE FUEL OIL 180 CST (PLATTS) CALENDAR SWAP FUTURES (NY-UA - CME) vs DUBAI CRUDE OIL (PLATTS) CALENDAR SWAP FUTURES (NY-DC - CME)						
Spread Credit Rate	New	+19:-3:+19			95%	95%
SINGAPORE MOGAS 92 UNLEADED (PLATTS) BRENT CRACK SPREAD SWAP FUTURES (NY-1NB - CME) vs SINGAPORE MOGAS 92 UNLEADED (PLATTS) SWAP FUTURES (NY-1N - CME) vs BRENT (ICE) CALENDAR SWAP FUTURES (NY-CY - CME)						
Spread Credit Rate	New	+1:-1:+1			95%	95%

SPAN MINIMUM PERFORMANCE BOND REQUIREMENTS

Rate Type	Change	Ratio	Current Initial	Current Maintenance	New Initial	New Maintenance
Inter-commodity Spread Rates						
SINGAPORE MOGAS 92 UNLEADED (PLATTS) BRENT CRACK SPREAD SWAP FUTURES (NY-1NB - CME) vs SINGAPORE MOGAS 92 UNLEADED (PLATTS) SWAP FUTURES (NY-1N - CME) vs BRENT CRUDE OIL LAST DAY FINANCIAL FUTURES (NY-BZ - CME)						
Spread Credit Rate	New	+1:-1:+1			95%	95%
SINGAPORE MOGAS 92 UNLEADED (PLATTS) BRENT CRACK SPREAD SWAP FUTURES (NY-1NB - CME) vs SINGAPORE MOGAS 92 UNLEADED (PLATTS) SWAP FUTURES (NY-1N - CME) vs BRENT CRUDE OIL PENULTIMATE FINANCIAL FUTURES (NY-BB - CME)						
Spread Credit Rate	New	+1:-1:+1			95%	95%

SPAN MINIMUM PERFORMANCE BOND REQUIREMENTS

Rate Type	Change	Ratio	Current Initial	Current Maintenance	New Initial	New Maintenance
Inter-commodity Spread Rates						
REFINED PRODUCTS - Inter-commodity Spread Rates						
1% FUEL OIL RDAM VS. 1% FUEL OIL NWE (PLATTS) SWAP FUTURES (NY-33 - CME) vs EUROPEAN 1% FUEL OIL (PLATTS) BARGES FOB RDAM CALENDAR SWAP FUTURES (NY-UH - CME) vs EUROPEAN 1% FUEL OIL (PLATTS) CARGOES FOB NWE CALENDAR SWAP FUTURES (NY-UF - CME)						
Spread Credit Rate	New	+1:-1:+1			95%	95%
CHICAGO ULSD (PLATTS) VS. HEATING OIL SPREAD SWAP FUTURES (NY-5C - CME) vs CHICAGO ULSD (PLATTS) SWAP FUTURES (NY-4C - CME) vs HEATING OIL CALENDAR SWAP FUTURES (NY-MP - CME)						
Spread Credit Rate	New	+1:-1:+1			95%	95%
CHICAGO ULSD (PLATTS) VS. HEATING OIL SPREAD SWAP FUTURES (NY-5C - CME) vs CHICAGO ULSD (PLATTS) SWAP FUTURES (NY-4C - CME) vs NEW YORK HARBOR NO. 2 HEATING OIL FUTURES (NY-HO - CME)						
Spread Credit Rate	New	+1:-1:+1			95%	95%
EUROPEAN GASOIL 10 PPM (PLATTS) BARGES FOB RDAM VS. GASOIL FUTURES SWAP (NY-ET - CME) vs EUROPEAN GASOIL 10 PPM (PLATTS) BARGES FOB RDAM SWAP FUTURES (NY-GT - CME) vs EUROPEAN GASOIL (ICE) SWAP FUTURES (NY-GX - CME)						
Spread Credit Rate	New	+1:-1:+1			95%	95%
EUROPEAN GASOIL 10 PPM (PLATTS) BARGES FOB RDAM VS. GASOIL FUTURES SWAP (NY-ET - CME) vs EUROPEAN GASOIL 10 PPM (PLATTS) BARGES FOB RDAM SWAP FUTURES (NY-GT - CME) vs EUROPEAN GASOIL BULLET SWAP FUTURES (NY-BG - CME)						
Spread Credit Rate	New	+1:-1:+1			95%	95%
FAME 0 BIODIESEL (ARGUS) FOB ROTTERDAM (RED COMPLIANT) VS. ICE GASOIL SPREAD SWAP FUTURE (NY-FBT - CME) vs FAME 0 (ARGUS) BIODIESEL FOB RDAM SWAP FUTURES (NY-2L - CME) vs EUROPEAN GASOIL (ICE) SWAP FUTURES (NY-GX - CME)						
Spread Credit Rate	New	+10:-10:+1			95%	95%
FAME 0 BIODIESEL (ARGUS) FOB ROTTERDAM (RED COMPLIANT) VS. ICE GASOIL SPREAD SWAP FUTURE (NY-FBT - CME) vs FAME 0 (ARGUS) BIODIESEL FOB RDAM SWAP FUTURES (NY-2L - CME) vs EUROPEAN GASOIL BULLET SWAP FUTURES (NY-BG - CME)						
Spread Credit Rate	New	+10:-10:+1			95%	95%
GASOIL 0.1 (PLATTS) BARGES FOB RDAM VS. ICE GASOIL SWAP FUTURES (NY-WQ - CME) vs GASOIL 0.1 (PLATTS) BARGES FOB RDAM SWAP FUTURES (NY-VL - CME) vs EUROPEAN GASOIL (ICE) SWAP FUTURES (NY-GX - CME)						
Spread Credit Rate	New	+1:-1:+1			95%	95%
GASOIL 0.1 (PLATTS) BARGES FOB RDAM VS. ICE GASOIL SWAP FUTURES (NY-WQ - CME) vs GASOIL 0.1 (PLATTS) BARGES FOB RDAM SWAP FUTURES (NY-VL - CME) vs EUROPEAN GASOIL BULLET SWAP FUTURES (NY-BG - CME)						
Spread Credit Rate	New	+1:-1:+1			95%	95%
GASOIL 10PPM (PLATTS) CARGOES CIF NWE VS. ICE GASOIL SWAP FUTURES (NY-TP - CME) vs GASOIL 10PPM (PLATTS) CARGOES CIF NWE SWAP FUTURES (NY-TY - CME) vs EUROPEAN GASOIL (ICE) SWAP FUTURES (NY-GX - CME)						
Spread Credit Rate	New	+1:-1:+1			95%	95%

SPAN MINIMUM PERFORMANCE BOND REQUIREMENTS

Rate Type	Change	Ratio	Current Initial	Current Maintenance	New Initial	New Maintenance
Inter-commodity Spread Rates						
GASOIL 10PPM (PLATTS) CARGOES CIF NWE VS. ICE GASOIL SWAP FUTURES (NY-TP - CME) vs GASOIL 10PPM (PLATTS) CARGOES CIF NWE SWAP FUTURES (NY-TY - CME) vs EUROPEAN GASOIL BULLET SWAP FUTURES (NY-BG - CME)						
Spread Credit Rate	New	+1:-1:+1			95%	95%
GULF COAST NO.6 FUEL OIL 3.0% (PLATTS) VS. BRENT CRACK SPREAD SWAP FUTURES (NY-GCI - CME) vs GULF COAST NO. 6 FUEL OIL 3.0% (PLATTS) SWAP FUTURES (NY-MF - CME) vs BRENT (ICE) CALENDAR SWAP FUTURES (NY-CY - CME)						
Spread Credit Rate	New	+1:-1:+1			95%	95%
GULF COAST NO.6 FUEL OIL 3.0% (PLATTS) VS. BRENT CRACK SPREAD SWAP FUTURES (NY-GCI - CME) vs GULF COAST NO. 6 FUEL OIL 3.0% (PLATTS) SWAP FUTURES (NY-MF - CME) vs BRENT CRUDE OIL LAST DAY FINANCIAL FUTURES (NY-BZ - CME)						
Spread Credit Rate	New	+1:-1:+1			95%	95%
GULF COAST NO.6 FUEL OIL 3.0% (PLATTS) VS. BRENT CRACK SPREAD SWAP FUTURES (NY-GCI - CME) vs GULF COAST NO. 6 FUEL OIL 3.0% (PLATTS) SWAP FUTURES (NY-MF - CME) vs BRENT CRUDE OIL PENULTIMATE FINANCIAL FUTURES (NY-BB - CME)						
Spread Credit Rate	New	+1:-1:+1			95%	95%
GULF COAST UNL 87 (PLATTS) CRACK SPREAD SWAP FUTURES (NY-RU - CME) vs GULF COAST UNL 87 (PLATTS) CALENDAR SWAP FUTURES (NY-GS - CME) vs LIGHT SWEET CRUDE OIL FUTURES (NY-CL - CME)						
Spread Credit Rate	New	+1:-1:+1			95%	95%
GULF COAST UNL 87 (PLATTS) CRACK SPREAD SWAP FUTURES (NY-RU - CME) vs GULF COAST UNL 87 (PLATTS) CALENDAR SWAP FUTURES (NY-GS - CME) vs WTI CALENDAR SWAP FUTURES (NY-CS - CME)						
Spread Credit Rate	New	+1:-1:+1			95%	95%
JET CARGOES (PLATTS) CIF NWE VS. GASOIL FUTURES SWAP (NY-JC - CME) vs EUROPEAN JET KEROSENE (PLATTS) CARGOES CIF NWE CALENDAR SWAP FUTURES (NY-UJ - CME) vs EUROPEAN GASOIL (ICE) SWAP FUTURES (NY-GX - CME)						
Spread Credit Rate	New	+1:-1:+1			95%	95%
JET CARGOES (PLATTS) CIF NWE VS. GASOIL FUTURES SWAP (NY-JC - CME) vs EUROPEAN JET KEROSENE (PLATTS) CARGOES CIF NWE CALENDAR SWAP FUTURES (NY-UJ - CME) vs EUROPEAN GASOIL BULLET SWAP FUTURES (NY-BG - CME)						
Spread Credit Rate	New	+1:-1:+1			95%	95%
LOS ANGELES CARBOB GASOLINE (OPIS) SPREAD SWAP FUTURES (NY-JL - CME) vs LOS ANGELES CARBOB GASOLINE (OPIS) SWAP FUTURES (NY-MH - CME) vs RBOB GASOLINE CALENDAR SWAP FUTURES (NY-RL - CME)						
Spread Credit Rate	New	+1:-1:+1			95%	95%
LOS ANGELES CARBOB GASOLINE (OPIS) SPREAD SWAP FUTURES (NY-JL - CME) vs LOS ANGELES CARBOB GASOLINE (OPIS) SWAP FUTURES (NY-MH - CME) vs RBOB GASOLINE FUTURES (NY-RB - CME)						
Spread Credit Rate	New	+1:-1:+1			95%	95%
LOS ANGELES JET (OPIS) SPREAD SWAP FUTURES (NY-JS - CME) vs LOS ANGELES JET (OPIS) OUTRIGHT SWAP FUTURES (NY-LL - CME) vs HEATING OIL CALENDAR SWAP FUTURES (NY-MP - CME)						
Spread Credit Rate	New	+1:-1:+1			95%	95%
LOS ANGELES JET (OPIS) SPREAD SWAP FUTURES (NY-JS - CME) vs LOS ANGELES JET (OPIS) OUTRIGHT SWAP FUTURES (NY-LL - CME) vs NEW YORK HARBOR NO. 2 HEATING OIL FUTURES (NY-HO - CME)						
Spread Credit Rate	New	+1:-1:+1			95%	95%

SPAN MINIMUM PERFORMANCE BOND REQUIREMENTS

Rate Type	Change	Ratio	Current Initial	Current Maintenance	New Initial	New Maintenance
Inter-commodity Spread Rates						
NY 1% FUEL OIL VS. GULF COAST 3% FUEL OIL SPREAD (PLATTS) SWAP FUTURES (NY-VR - CME) vs NEW YORK HARBOR RESIDUAL FUEL 1.0% (PLATTS) SWAP FUTURES (NY-MM - CME) vs GULF COAST NO. 6 FUEL OIL 3.0% (PLATTS) SWAP FUTURES (NY-MF - CME)						
Spread Credit Rate	New	+1:-1:+1			95%	95%
NY 3.0% FUEL OIL VS. GULF COAST NO. 6 FUEL OIL 3.0% (PLATTS) SWAP FUTURES (NY-FOC - CME) vs NY 3.0% FUEL OIL (PLATTS) SWAP FUTURES (NY-H1 - CME) vs GULF COAST NO. 6 FUEL OIL 3.0% (PLATTS) SWAP FUTURES (NY-MF - CME)						
Spread Credit Rate	New	+1:-1:+1			95%	95%
NY ULSD (ARGUS) VS. HEATING OIL SPREAD SWAP FUTURES (NY-7Y - CME) vs NY ULSD (ARGUS) SWAP FUTURES (NY-5Y - CME) vs HEATING OIL CALENDAR SWAP FUTURES (NY-MP - CME)						
Spread Credit Rate	New	+1:-1:+1			95%	95%
NY ULSD (ARGUS) VS. HEATING OIL SPREAD SWAP FUTURES (NY-7Y - CME) vs NY ULSD (ARGUS) SWAP FUTURES (NY-5Y - CME) vs NEW YORK HARBOR NO. 2 HEATING OIL FUTURES (NY-HO - CME)						
Spread Credit Rate	New	+1:-1:+1			95%	95%
RBOB GASOLINE CRACK SPREAD SWAP FUTURES (NY-RM - CME) vs RBOB GASOLINE CALENDAR SWAP FUTURES (NY-RL - CME) vs LIGHT SWEET CRUDE OIL FUTURES (NY-CL - CME)						
Spread Credit Rate	New	+1:-1:+1			95%	95%
RBOB GASOLINE CRACK SPREAD SWAP FUTURES (NY-RM - CME) vs RBOB GASOLINE CALENDAR SWAP FUTURES (NY-RL - CME) vs WTI CALENDAR SWAP FUTURES (NY-CS - CME)						
Spread Credit Rate	New	+1:-1:+1			95%	95%
RBOB GASOLINE CRACK SPREAD SWAP FUTURES (NY-RM - CME) vs RBOB GASOLINE FUTURES (NY-RB - CME) vs LIGHT SWEET CRUDE OIL FUTURES (NY-CL - CME)						
Spread Credit Rate	New	+1:-1:+1			95%	95%
RBOB GASOLINE CRACK SPREAD SWAP FUTURES (NY-RM - CME) vs RBOB GASOLINE FUTURES (NY-RB - CME) vs WTI CALENDAR SWAP FUTURES (NY-CS - CME)						
Spread Credit Rate	New	+1:-1:+1			95%	95%
RME BIODIESEL (ARGUS) FOB RDAM (RED COMPLIANT) VS. ICE GASOIL SPREAD SWAP FUTURE (NY-BFR - CME) vs RME BIODIESEL (ARGUS) FOB RDAM (RED COMPLIANT) SWAP FUTURE (NY-RBF - CME) vs EUROPEAN GASOIL (ICE) SWAP FUTURES (NY-GX - CME)						
Spread Credit Rate	New	+10:-10:+1			95%	95%
RME BIODIESEL (ARGUS) FOB RDAM (RED COMPLIANT) VS. ICE GASOIL SPREAD SWAP FUTURE (NY-BFR - CME) vs RME BIODIESEL (ARGUS) FOB RDAM (RED COMPLIANT) SWAP FUTURE (NY-RBF - CME) vs EUROPEAN GASOIL BULLET SWAP FUTURES (NY-BG - CME)						
Spread Credit Rate	New	+10:-10:+1			95%	95%
SINGAPORE FUEL OIL 180 CST (PLATTS) 6.35 DUBAI CRACK SPREAD SWAP FUTURES (NY-STS - CME) vs SINGAPORE FUEL OIL 180 CST (PLATTS) CALENDAR SWAP FUTURES (NY-UA - CME) vs DUBAI CRUDE OIL (PLATTS) CALENDAR SWAP FUTURES (NY-DC - CME)						
Spread Credit Rate	New	+19:-3:+19			95%	95%
SINGAPORE MOGAS 92 UNLEADED (PLATTS) BRENT CRACK SPREAD SWAP FUTURES (NY-1NB - CME) vs SINGAPORE MOGAS 92 UNLEADED (PLATTS) SWAP FUTURES (NY-1N - CME) vs BRENT (ICE) CALENDAR SWAP FUTURES (NY-CY - CME)						
Spread Credit Rate	New	+1:-1:+1			95%	95%

SPAN MINIMUM PERFORMANCE BOND REQUIREMENTS

Rate Type	Change	Ratio	Current Initial	Current Maintenance	New Initial	New Maintenance
Inter-commodity Spread Rates						
SINGAPORE MOGAS 92 UNLEADED (PLATTS) BRENT CRACK SPREAD SWAP FUTURES (NY-1NB - CME) vs SINGAPORE MOGAS 92 UNLEADED (PLATTS) SWAP FUTURES (NY-1N - CME) vs BRENT CRUDE OIL LAST DAY FINANCIAL FUTURES (NY-BZ - CME)						
Spread Credit Rate	New	+1:-1:+1			95%	95%
SINGAPORE MOGAS 92 UNLEADED (PLATTS) BRENT CRACK SPREAD SWAP FUTURES (NY-1NB - CME) vs SINGAPORE MOGAS 92 UNLEADED (PLATTS) SWAP FUTURES (NY-1N - CME) vs BRENT CRUDE OIL PENULTIMATE FINANCIAL FUTURES (NY-BB - CME)						
Spread Credit Rate	New	+1:-1:+1			95%	95%