15-054

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

FROM: CME Clearing

SUBJECT: Performance Bond Requirements

DATE: Thursday, February 19, 2015

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

Friday, February 20, 2015.

Current rates as of:

Thursday, February 19, 2015.

SPAN MINIMUM PERFORMANCE BOND REQUIREMENTS

CC	Rate Type	Description	Change	ISO	Current Initial	Current Maintenance	New Initial	New Maintenance
Outright Rates								
AGRICULTURE - Outright Rates								
MINI-SIZED SOYBEANS FUTURES (YK)								
YK	Spec	All Months	Decrease	USD	495	450	440	400
YK	Hedge/Member	All Months	Decrease	USD	450	450	400	400
SOYBEAN FUTURES (S)								
S	Spec	All Months	Decrease	USD	2,475	2,250	2,200	2,000
S	Hedge/Member	All Months	Decrease	USD	2,250	2,250	2,000	2,000
SOYBEAN MEAL FUTURES (06)								
06	Spec	Old Crop	Decrease	USD	2,750	2,500	2,310	2,100
06	Hedge/Member	Old Crop	Decrease	USD	2,500	2,500	2,100	2,100
06	Spec	New Crop	Decrease	USD	2,750	2,500	2,310	2,100
06	Hedge/Member	New Crop	Decrease	USD	2,500	2,500	2,100	2,100
CRUDE OIL SPREADS - Outright Rates								
MARS (ARGUS) V WTI FUT (YX)								
YX	Spec	Mnth 1	Decrease	USD	2,970	2,700	2,200	2,000
YX	Hedge/Member	Mnth 1	Decrease	USD	2,700	2,700	2,000	2,000
YX	Spec	Mnth 2+	Decrease	USD	1,650	1,500	1,320	1,200
YX	Hedge/Member	Mnth 2+	Decrease	USD	1,500	1,500	1,200	1,200
ELECTRICITY - Outright Rates								
PJM BGE DA OFF-PEAK (R3)								
R3	Spec	Mnth 1	Increase	USD	83	75	94	85
R3	Hedge/Member	Mnth 1	Increase	USD	75	75	85	85
NATURAL GAS - Outright Rates								
TEXAS EASTERN ZONE M-3 BASIS FUT (NX)								
NX	Spec	Winter 2015/2016	Increase	USD	1,320	1,200	1,540	1,400
NX	Hedge/Member	Winter 2015/2016	Increase	USD	1,200	1,200	1,400	1,400

SPAN MINIMUM PERFORMANCE BOND REQUIREMENTS

CC	Rate Type	Description	Change	ISO	Current Initial	Current Maintenance	New Initial	New Maintenance
Outright Rates								
PETROLEUM CRACKS AND SPREADS - Outright Rates								
1% FUEL OIL RDM VS 1% OIL NWE PLTS (33)								
33	Spec	Mnth 1	Increase	USD	2,530	2,300	2,750	2,500
33	Hedge/Member	Mnth 1	Increase	USD	2,300	2,300	2,500	2,500
33	Spec	Mnth 2	Increase	USD	1,650	1,500	1,870	1,700
33	Hedge/Member	Mnth 2	Increase	USD	1,500	1,500	1,700	1,700
33	Spec	Mnths 3+	Increase	USD	1,210	1,100	1,430	1,300
33	Hedge/Member	Mnths 3+	Increase	USD	1,100	1,100	1,300	1,300
1% FUELOIL BARGES VS1% FO PLTS BLM (EBF)								
EBF	Spec		Decrease	USD	13,200	12,000	6,600	6,000
EBF	Hedge/Member		Decrease	USD	12,000	12,000	6,000	6,000
3.5% F OIL(PLTS) BRGES FOB RDM CRCK (BOB)								
BOB	Spec	Mnth 1	Increase	USD	18,860	17,145	20,955	19,050
BOB	Hedge/Member	Mnth 1	Increase	USD	17,145	17,145	19,050	19,050
BOB	Spec	Mnths 8+	Decrease	USD	9,430	8,573	7,684	6,985
BOB	Hedge/Member	Mnths 8+	Decrease	USD	8,573	8,573	6,985	6,985
3.5% FUEL OIL RDAM VS FOB MED BALM (63)								
63	Spec		Increase	USD	7,260	6,600	11,000	10,000
63	Hedge/Member		Increase	USD	6,600	6,600	10,000	10,000
63	Spec		Increase	USD	7,260	6,600	11,000	10,000
63	Hedge/Member		Increase	USD	6,600	6,600	10,000	10,000
EURO 3.5% FUEL OIL SPREAD (FK)								
FK	Spec	Mnth 1	Decrease	USD	14,300	13,000	11,000	10,000
FK	Hedge/Member	Mnth 1	Decrease	USD	13,000	13,000	10,000	10,000
FK	Spec	Mnth 2	Decrease	USD	4,400	4,000	3,300	3,000
FK	Hedge/Member	Mnth 2	Decrease	USD	4,000	4,000	3,000	3,000
FK	Spec	Mnths 3+	Decrease	USD	2,750	2,500	2,200	2,000
FK	Hedge/Member	Mnths 3+	Decrease	USD	2,500	2,500	2,000	2,000
EUROPEAN NAPTHA CRACK SPREAD FUT (EN)								
EN	Spec	Mnth 1	Increase	USD	2,860	2,600	3,300	3,000
EN	Hedge/Member	Mnth 1	Increase	USD	2,600	2,600	3,000	3,000
FAME BIO ARGUS RDM RED VS ICE GAS (FBT)								
FBT	Spec	Mth 1	Increase	USD	2,860	2,600	3,300	3,000
FBT	Hedge/Member	Mth 1	Increase	USD	2,600	2,600	3,000	3,000
FBT	Spec	Mth 2+	Increase	USD	2,860	2,600	3,300	3,000
FBT	Hedge/Member	Mth 2+	Increase	USD	2,600	2,600	3,000	3,000

SPAN MINIMUM PERFORMANCE BOND REQUIREMENTS

CC	Rate Type	Description	Change	ISO	Current Initial	Current Maintenance	New Initial	New Maintenance
Outright Rates								
FUEL OIL CRACK VS. ICE (FO)								
FO	Spec	Mnth 1	Increase	USD	2,970	2,700	3,300	3,000
FO	Hedge/Member	Mnth 1	Increase	USD	2,700	2,700	3,000	3,000
FO	Spec	Mnths 8+	Decrease	USD	1,485	1,350	1,210	1,100
FO	Hedge/Member	Mnths 8+	Decrease	USD	1,350	1,350	1,100	1,100
FUELOIL FUT:CARGOES VS.BARGES (FS)								
FS	Spec	Mnth 1	Decrease	USD	10,450	9,500	9,350	8,500
FS	Hedge/Member	Mnth 1	Decrease	USD	9,500	9,500	8,500	8,500
FS	Spec	Mnths 2-5	Decrease	USD	6,380	5,800	5,720	5,200
FS	Hedge/Member	Mnths 2-5	Decrease	USD	5,800	5,800	5,200	5,200
G. COAST #6 FUEL OIL 3.0% VS BRENT (GCI)								
GCI	Spec		Increase	USD	1,705	1,550	1,980	1,800
GCI	Hedge/Member		Increase	USD	1,550	1,550	1,800	1,800
GLFCST JET ARGUS UP/DN BALMO FUT (GBA)								
GBA	Spec		Increase	USD	1,650	1,500	3,300	3,000
GBA	Hedge/Member		Increase	USD	1,500	1,500	3,000	3,000
GLFCST JET PLATTS BALMO FUT (1M)								
1M	Spec		Increase	USD	2,530	2,300	3,300	3,000
1M	Hedge/Member		Increase	USD	2,300	2,300	3,000	3,000
GLFCST JET PLATTS UP/DN FUT (ME)								
ME	Spec	Mnth 1	Increase	USD	2,640	2,400	3,080	2,800
ME	Hedge/Member	Mnth 1	Increase	USD	2,400	2,400	2,800	2,800
ME	Spec	Mnth 2	Increase	USD	1,100	1,000	1,540	1,400
ME	Hedge/Member	Mnth 2	Increase	USD	1,000	1,000	1,400	1,400
GULF CO NO6 FUELOIL 3% V. EURO 3.5% (GCU)								
GCU	Spec	Mnth 2-6	Increase	USD	495	450	660	600
GCU	Hedge/Member	Mnth 2-6	Increase	USD	450	450	600	600
LA CARBD (OPIS) VS. NY HRBR ULSD (KL)								
KL	Spec	Mnth 1	Increase	USD	2,640	2,400	3,300	3,000
KL	Hedge/Member	Mnth 1	Increase	USD	2,400	2,400	3,000	3,000
KL	Spec	Mnth 2	Increase	USD	2,420	2,200	3,300	3,000
KL	Hedge/Member	Mnth 2	Increase	USD	2,200	2,200	3,000	3,000
NAPHTHA (PLTS) CARGES CIF NWE CRACK (NOB)								
NOB	Spec	Mnth 1	Increase	USD	25,454	23,140	29,370	26,700
NOB	Hedge/Member	Mnth 1	Increase	USD	23,140	23,140	26,700	26,700

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CC	Rate Type	Description	Change	ISO	Current Initial	Current Maintenance	New Initial	New Maintenance
Outright Rates								
NY 3% FUEL OIL V GULF COAST NO6 3% (FOC)								
FOC	Spec		Increase	USD	1,320	1,200	1,760	1,600
FOC	Hedge/Member		Increase	USD	1,200	1,200	1,600	1,600
NY ULSD VS. NY HRBR ULSD FUT (7Y)								
7Y	Spec	Mnth 2	Increase	USD	1,650	1,500	1,980	1,800
7Y	Hedge/Member	Mnth 2	Increase	USD	1,500	1,500	1,800	1,800
7Y	Spec	Mnths 3+	Increase	USD	1,210	1,100	1,485	1,350
7Y	Hedge/Member	Mnths 3+	Increase	USD	1,100	1,100	1,350	1,350
RME BIO ARGUS RDM RED VS ICS GAS (BFR)								
BFR	Spec	Mnth 1	Increase	USD	4,620	4,200	5,720	5,200
BFR	Hedge/Member	Mnth 1	Increase	USD	4,200	4,200	5,200	5,200
BFR	Spec	Mnths 2+	Increase	USD	3,080	2,800	3,630	3,300
BFR	Hedge/Member	Mnths 2+	Increase	USD	2,800	2,800	3,300	3,300
SING 380 FUEL OIL VS FUEL OIL ROTDM (EVC)								
EVC	Spec	Mnth 1	Increase	USD	9,900	9,000	12,100	11,000
EVC	Hedge/Member	Mnth 1	Increase	USD	9,000	9,000	11,000	11,000
EVC	Spec	Mnth 2-15	Increase	USD	4,400	4,000	6,600	6,000
EVC	Hedge/Member	Mnth 2-15	Increase	USD	4,000	4,000	6,000	6,000
USGC UNL 87 CRACK SPREAD CAL FUT (RU)								
RU	Spec	Mth 1	Increase	USD	3,740	3,400	4,400	4,000
RU	Hedge/Member	Mth 1	Increase	USD	3,400	3,400	4,000	4,000
RU	Spec	Mth 2 - 5	Increase	USD	3,025	2,750	3,300	3,000
RU	Hedge/Member	Mth 2 - 5	Increase	USD	2,750	2,750	3,000	3,000
REFINED PRODUCTS - Outright Rates								
EAST-WEST FUEL OIL PLT BALMO FUT (EWB)								
EWB	Spec		Increase	USD	9,900	9,000	11,550	10,500
EWB	Hedge/Member		Increase	USD	9,000	9,000	10,500	10,500

SPAN MINIMUM PERFORMANCE BOND REQUIREMENTS

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

Intra Spreads

SPAN MINIMUM PERFORMANCE BOND REQUIREMENTS

CC	Rate Type	Description	Change	ISO	Current Initial	Current Maintenance	New Initial	New Maintenance
Intra Spreads								
AGRICULTURE - Intra Spreads								
Bean Spread: Aug 15 vs Jan 16 (MINI-SIZED SOYBEANS FUTURES)								
YK	Spec		Decrease	USD	110	100	77	70
YK	Hedge/Member		Decrease	USD	100	100	70	70
Bean Spread: Aug 15 vs Jan 16 (SOYBEAN FUTURES)								
S	Spec		Decrease	USD	550	500	385	350
S	Hedge/Member		Decrease	USD	500	500	350	350
Bean Spread: Aug 15 vs Sep 15 (MINI-SIZED SOYBEANS FUTURES)								
YK	Spec		Decrease	USD	61	55	44	40
YK	Hedge/Member		Decrease	USD	55	55	40	40
Bean Spread: Aug 15 vs Sep 15 (SOYBEAN FUTURES)								
S	Spec		Decrease	USD	303	275	220	200
S	Hedge/Member		Decrease	USD	275	275	200	200
Bean Spread: Jan 16 vs Jul 15 (MINI-SIZED SOYBEANS FUTURES)								
YK	Spec		Decrease	USD	121	110	88	80
YK	Hedge/Member		Decrease	USD	110	110	80	80
Bean Spread: Jan 16 vs Jul 15 (SOYBEAN FUTURES)								
S	Spec		Decrease	USD	605	550	440	400
S	Hedge/Member		Decrease	USD	550	550	400	400
Bean Spread: Jul 15 vs Aug 15 (MINI-SIZED SOYBEANS FUTURES)								
YK	Spec		Decrease	USD	28	25	22	20
YK	Hedge/Member		Decrease	USD	25	25	20	20
Bean Spread: Jul 15 vs Aug 15 (SOYBEAN FUTURES)								
S	Spec		Decrease	USD	138	125	110	100
S	Hedge/Member		Decrease	USD	125	125	100	100
Bean Spread: Jul 15 vs Mar 16 (MINI-SIZED SOYBEANS FUTURES)								
YK	Spec		Decrease	USD	121	110	77	70
YK	Hedge/Member		Decrease	USD	110	110	70	70
Bean Spread: Jul 15 vs Mar 16 (SOYBEAN FUTURES)								
S	Spec		Decrease	USD	605	550	385	350
S	Hedge/Member		Decrease	USD	550	550	350	350
Bean Spread: Jul 15 vs Sep 15 (MINI-SIZED SOYBEANS FUTURES)								
YK	Spec		Decrease	USD	72	65	55	50
YK	Hedge/Member		Decrease	USD	65	65	50	50

SPAN MINIMUM PERFORMANCE BOND REQUIREMENTS

CC	Rate Type	Description	Change	ISO	Current Initial	Current Maintenance	New Initial	New Maintenance
Intra Spreads								
Bean Spread: Jul 15 vs Sep 15 (SOYBEAN FUTURES)								
S	Spec		Decrease	USD	358	325	275	250
S	Hedge/Member		Decrease	USD	325	325	250	250
Bean Spread: Mar 15 vs Jan 16 (MINI-SIZED SOYBEANS FUTURES)								
YK	Spec		Decrease	USD	132	120	99	90
YK	Hedge/Member		Decrease	USD	120	120	90	90
Bean Spread: Mar 15 vs Jan 16 (SOYBEAN FUTURES)								
S	Spec		Decrease	USD	660	600	495	450
S	Hedge/Member		Decrease	USD	600	600	450	450
Bean Spread: Mar 15 vs Jul 15 (MINI-SIZED SOYBEANS FUTURES)								
YK	Spec		Decrease	USD	50	45	33	30
YK	Hedge/Member		Decrease	USD	45	45	30	30
Bean Spread: Mar 15 vs Jul 15 (SOYBEAN FUTURES)								
S	Spec		Decrease	USD	248	225	165	150
S	Hedge/Member		Decrease	USD	225	225	150	150
Bean Spread: Mar 15 vs May 15 (MINI-SIZED SOYBEANS FUTURES)								
YK	Spec		Decrease	USD	39	35	22	20
YK	Hedge/Member		Decrease	USD	35	35	20	20
Bean Spread: Mar 15 vs May 15 (SOYBEAN FUTURES)								
S	Spec		Decrease	USD	193	175	110	100
S	Hedge/Member		Decrease	USD	175	175	100	100
Bean Spread: Mar 15 vs Sep 15 (MINI-SIZED SOYBEANS FUTURES)								
YK	Spec		Decrease	USD	88	80	77	70
YK	Hedge/Member		Decrease	USD	80	80	70	70
Bean Spread: Mar 15 vs Sep 15 (SOYBEAN FUTURES)								
S	Spec		Decrease	USD	440	400	385	350
S	Hedge/Member		Decrease	USD	400	400	350	350
Bean Spread: Mar 16 vs Aug 15 (MINI-SIZED SOYBEANS FUTURES)								
YK	Spec		Decrease	USD	110	100	77	70
YK	Hedge/Member		Decrease	USD	100	100	70	70
Bean Spread: Mar 16 vs Aug 15 (SOYBEAN FUTURES)								
S	Spec		Decrease	USD	550	500	385	350
S	Hedge/Member		Decrease	USD	500	500	350	350

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CC	Rate Type	Description	Change	ISO	Current Initial	Current Maintenance	New Initial	New Maintenance
Intra Spreads								
Bean Spread: Mar 16 vs Jan 16 (MINI-SIZED SOYBEANS FUTURES)								
YK	Spec		Decrease	USD	22	20	11	10
YK	Hedge/Member		Decrease	USD	20	20	10	10
Bean Spread: Mar 16 vs Jan 16 (SOYBEAN FUTURES)								
S	Spec		Decrease	USD	110	100	55	50
S	Hedge/Member		Decrease	USD	100	100	50	50
Bean Spread: Mar 16 vs Mar 15 (MINI-SIZED SOYBEANS FUTURES)								
YK	Spec		Decrease	USD	132	120	99	90
YK	Hedge/Member		Decrease	USD	120	120	90	90
Bean Spread: Mar 16 vs Mar 15 (SOYBEAN FUTURES)								
S	Spec		Decrease	USD	660	600	495	450
S	Hedge/Member		Decrease	USD	600	600	450	450
Bean Spread: Mar 16 vs May 16 (MINI-SIZED SOYBEANS FUTURES)								
YK	Spec		Decrease	USD	132	120	11	10
YK	Hedge/Member		Decrease	USD	120	120	10	10
Bean Spread: Mar 16 vs May 16 (SOYBEAN FUTURES)								
S	Spec		Decrease	USD	660	600	55	50
S	Hedge/Member		Decrease	USD	600	600	50	50
Bean Spread: May 15 vs Aug 15 (MINI-SIZED SOYBEANS FUTURES)								
YK	Spec		Decrease	USD	28	25	22	20
YK	Hedge/Member		Decrease	USD	25	25	20	20
Bean Spread: May 15 vs Aug 15 (SOYBEAN FUTURES)								
S	Spec		Decrease	USD	138	125	110	100
S	Hedge/Member		Decrease	USD	125	125	100	100
Bean Spread: May 15 vs Jan 16 (MINI-SIZED SOYBEANS FUTURES)								
YK	Spec		Decrease	USD	132	120	88	80
YK	Hedge/Member		Decrease	USD	120	120	80	80
Bean Spread: May 15 vs Jan 16 (SOYBEAN FUTURES)								
S	Spec		Decrease	USD	660	600	440	400
S	Hedge/Member		Decrease	USD	600	600	400	400
Bean Spread: May 15 vs Jul 15 (MINI-SIZED SOYBEANS FUTURES)								
YK	Spec		Decrease	USD	22	20	11	10
YK	Hedge/Member		Decrease	USD	20	20	10	10

SPAN MINIMUM PERFORMANCE BOND REQUIREMENTS

CC	Rate Type	Description	Change	ISO	Current Initial	Current Maintenance	New Initial	New Maintenance
Intra Spreads								
Bean Spread: May 15 vs Jul 15 (SOYBEAN FUTURES)								
S	Spec		Decrease	USD	110	100	55	50
S	Hedge/Member		Decrease	USD	100	100	50	50
Bean Spread: May 15 vs Mar 16 (MINI-SIZED SOYBEANS FUTURES)								
YK	Spec		Decrease	USD	132	120	88	80
YK	Hedge/Member		Decrease	USD	120	120	80	80
Bean Spread: May 15 vs Mar 16 (SOYBEAN FUTURES)								
S	Spec		Decrease	USD	660	600	440	400
S	Hedge/Member		Decrease	USD	600	600	400	400
Bean Spread: May 15 vs Sep 15 (MINI-SIZED SOYBEANS FUTURES)								
YK	Spec		Decrease	USD	88	80	55	50
YK	Hedge/Member		Decrease	USD	80	80	50	50
Bean Spread: May 15 vs Sep 15 (SOYBEAN FUTURES)								
S	Spec		Decrease	USD	440	400	275	250
S	Hedge/Member		Decrease	USD	400	400	250	250
Bean Spread: May 16 vs Aug 15 (MINI-SIZED SOYBEANS FUTURES)								
YK	Spec		Increase	USD	55	50	77	70
YK	Hedge/Member		Increase	USD	50	50	70	70
Bean Spread: May 16 vs Aug 15 (SOYBEAN FUTURES)								
S	Spec		Increase	USD	275	250	385	350
S	Hedge/Member		Increase	USD	250	250	350	350
Bean Spread: May 16 vs Jan 16 (MINI-SIZED SOYBEANS FUTURES)								
YK	Spec		Decrease	USD	132	120	22	20
YK	Hedge/Member		Decrease	USD	120	120	20	20
Bean Spread: May 16 vs Jan 16 (SOYBEAN FUTURES)								
S	Spec		Decrease	USD	660	600	110	100
S	Hedge/Member		Decrease	USD	600	600	100	100
Bean Spread: May 16 vs Jul 15 (MINI-SIZED SOYBEANS FUTURES)								
YK	Spec		Increase	USD	50	45	77	70
YK	Hedge/Member		Increase	USD	45	45	70	70
Bean Spread: May 16 vs Jul 15 (SOYBEAN FUTURES)								
S	Spec		Increase	USD	248	225	385	350
S	Hedge/Member		Increase	USD	225	225	350	350

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Intra Spreads								
Bean Spread: May 16 vs Mar 15 (MINI-SIZED SOYBEANS FUTURES)								
YK	Spec		Increase	USD	22	20	99	90
YK	Hedge/Member		Increase	USD	20	20	90	90
Bean Spread: May 16 vs Mar 15 (SOYBEAN FUTURES)								
S	Spec		Increase	USD	110	100	495	450
S	Hedge/Member		Increase	USD	100	100	450	450
Bean Spread: May 16 vs May 15 (MINI-SIZED SOYBEANS FUTURES)								
YK	Spec		Increase	USD	39	35	88	80
YK	Hedge/Member		Increase	USD	35	35	80	80
Bean Spread: May 16 vs May 15 (SOYBEAN FUTURES)								
S	Spec		Increase	USD	193	175	440	400
S	Hedge/Member		Increase	USD	175	175	400	400
Bean Spread: May 16 vs Sep 15 (MINI-SIZED SOYBEANS FUTURES)								
YK	Spec		Decrease	USD	88	80	55	50
YK	Hedge/Member		Decrease	USD	80	80	50	50
Bean Spread: May 16 vs Sep 15 (SOYBEAN FUTURES)								
S	Spec		Decrease	USD	440	400	275	250
S	Hedge/Member		Decrease	USD	400	400	250	250
Bean Spread: Nov 15 vs Aug 15 (MINI-SIZED SOYBEANS FUTURES)								
YK	Spec		Decrease	USD	110	100	77	70
YK	Hedge/Member		Decrease	USD	100	100	70	70
Bean Spread: Nov 15 vs Aug 15 (SOYBEAN FUTURES)								
S	Spec		Decrease	USD	550	500	385	350
S	Hedge/Member		Decrease	USD	500	500	350	350
Bean Spread: Nov 15 vs Jan 16 (MINI-SIZED SOYBEANS FUTURES)								
YK	Spec		Decrease	USD	22	20	11	10
YK	Hedge/Member		Decrease	USD	20	20	10	10
Bean Spread: Nov 15 vs Jan 16 (SOYBEAN FUTURES)								
S	Spec		Decrease	USD	110	100	55	50
S	Hedge/Member		Decrease	USD	100	100	50	50
Bean Spread: Nov 15 vs Jul 15 (MINI-SIZED SOYBEANS FUTURES)								
YK	Spec		Decrease	USD	121	110	77	70
YK	Hedge/Member		Decrease	USD	110	110	70	70

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Intra Spreads								
Bean Spread: Nov 15 vs Jul 15 (SOYBEAN FUTURES)								
S	Spec		Decrease	USD	605	550	385	350
S	Hedge/Member		Decrease	USD	550	550	350	350
Bean Spread: Nov 15 vs Mar 15 (MINI-SIZED SOYBEANS FUTURES)								
YK	Spec		Decrease	USD	132	120	99	90
YK	Hedge/Member		Decrease	USD	120	120	90	90
Bean Spread: Nov 15 vs Mar 15 (SOYBEAN FUTURES)								
S	Spec		Decrease	USD	660	600	495	450
S	Hedge/Member		Decrease	USD	600	600	450	450
Bean Spread: Nov 15 vs Mar 16 (MINI-SIZED SOYBEANS FUTURES)								
YK	Spec		Decrease	USD	28	25	22	20
YK	Hedge/Member		Decrease	USD	25	25	20	20
Bean Spread: Nov 15 vs Mar 16 (SOYBEAN FUTURES)								
S	Spec		Decrease	USD	138	125	110	100
S	Hedge/Member		Decrease	USD	125	125	100	100
Bean Spread: Nov 15 vs May 15 (MINI-SIZED SOYBEANS FUTURES)								
YK	Spec		Decrease	USD	132	120	88	80
YK	Hedge/Member		Decrease	USD	120	120	80	80
Bean Spread: Nov 15 vs May 15 (SOYBEAN FUTURES)								
S	Spec		Decrease	USD	660	600	440	400
S	Hedge/Member		Decrease	USD	600	600	400	400
Bean Spread: Nov 15 vs May 16 (MINI-SIZED SOYBEANS FUTURES)								
YK	Spec		Decrease	USD	132	120	33	30
YK	Hedge/Member		Decrease	USD	120	120	30	30
Bean Spread: Nov 15 vs May 16 (SOYBEAN FUTURES)								
S	Spec		Decrease	USD	660	600	165	150
S	Hedge/Member		Decrease	USD	600	600	150	150
Bean Spread: Sep 15 vs Nov 15 (MINI-SIZED SOYBEANS FUTURES)								
YK	Spec		Decrease	USD	44	40	33	30
YK	Hedge/Member		Decrease	USD	40	40	30	30
Bean Spread: Sep 15 vs Nov 15 (SOYBEAN FUTURES)								
S	Spec		Decrease	USD	220	200	165	150
S	Hedge/Member		Decrease	USD	200	200	150	150

SPAN MINIMUM PERFORMANCE BOND REQUIREMENTS

CC	Rate Type	Description	Change	ISO	Current Initial	Current Maintenance	New Initial	New Maintenance
Intra Spreads								
Corn Spread: Dec 15 vs Mar 16 (CORN FUTURES)								
C	Spec		Increase	USD	55	50	110	100
C	Hedge/Member		Increase	USD	50	50	100	100
Corn Spread: Dec 15 vs Mar 16 (MINI-SIZED CORN FUTURES)								
YC	Spec		Increase	USD	11	10	22	20
YC	Hedge/Member		Increase	USD	10	10	20	20
Corn Spread: Jul 15 vs Dec 15 (CORN FUTURES)								
C	Spec		Increase	USD	110	100	165	150
C	Hedge/Member		Increase	USD	100	100	150	150
Corn Spread: Jul 15 vs Dec 15 (MINI-SIZED CORN FUTURES)								
YC	Spec		Increase	USD	22	20	33	30
YC	Hedge/Member		Increase	USD	20	20	30	30
Corn Spread: Jul 15 vs Sep 16 (CORN FUTURES)								
C	Spec		Increase	USD	275	250	330	300
C	Hedge/Member		Increase	USD	250	250	300	300
Corn Spread: Jul 15 vs Sep 16 (MINI-SIZED CORN FUTURES)								
YC	Spec		Increase	USD	55	50	66	60
YC	Hedge/Member		Increase	USD	50	50	60	60
Corn Spread: Mar 15 vs Mar 16 (CORN FUTURES)								
C	Spec		Decrease	USD	220	200	165	150
C	Hedge/Member		Decrease	USD	200	200	150	150
Corn Spread: Mar 15 vs Mar 16 (MINI-SIZED CORN FUTURES)								
YC	Spec		Decrease	USD	44	40	33	30
YC	Hedge/Member		Decrease	USD	40	40	30	30
Corn Spread: Mar 15 vs May 16 (CORN FUTURES)								
C	Spec		Decrease	USD	220	200	165	150
C	Hedge/Member		Decrease	USD	200	200	150	150
Corn Spread: Mar 15 vs May 16 (MINI-SIZED CORN FUTURES)								
YC	Spec		Decrease	USD	44	40	33	30
YC	Hedge/Member		Decrease	USD	40	40	30	30
Corn Spread: May 15 vs May 16 (CORN FUTURES)								
C	Spec		Decrease	USD	220	200	165	150
C	Hedge/Member		Decrease	USD	200	200	150	150

SPAN MINIMUM PERFORMANCE BOND REQUIREMENTS

CC	Rate Type	Description	Change	ISO	Current Initial	Current Maintenance	New Initial	New Maintenance
Intra Spreads								
Corn Spread: May 15 vs May 16 (MINI-SIZED CORN FUTURES)								
YC	Spec		Decrease	USD	44	40	33	30
YC	Hedge/Member		Decrease	USD	40	40	30	30
Corn Spread: May 16 vs Dec 15 (CORN FUTURES)								
C	Spec		Decrease	USD	220	200	110	100
C	Hedge/Member		Decrease	USD	200	200	100	100
Corn Spread: May 16 vs Dec 15 (MINI-SIZED CORN FUTURES)								
YC	Spec		Decrease	USD	44	40	22	20
YC	Hedge/Member		Decrease	USD	40	40	20	20
Corn Spread: Sep 15 vs Jul 16 (CORN FUTURES)								
C	Spec		Increase	USD	138	125	165	150
C	Hedge/Member		Increase	USD	125	125	150	150
Corn Spread: Sep 15 vs Jul 16 (MINI-SIZED CORN FUTURES)								
YC	Spec		Increase	USD	28	25	33	30
YC	Hedge/Member		Increase	USD	25	25	30	30
Corn Spread: Sep 15 vs May 16 (CORN FUTURES)								
C	Spec		Decrease	USD	138	125	110	100
C	Hedge/Member		Decrease	USD	125	125	100	100
Corn Spread: Sep 15 vs May 16 (MINI-SIZED CORN FUTURES)								
YC	Spec		Decrease	USD	28	25	22	20
YC	Hedge/Member		Decrease	USD	25	25	20	20
Corn Spread: Sep 16 vs Sep 15 (CORN FUTURES)								
C	Spec		Decrease	USD	275	250	220	200
C	Hedge/Member		Decrease	USD	250	250	200	200
Corn Spread: Sep 16 vs Sep 15 (MINI-SIZED CORN FUTURES)								
YC	Spec		Decrease	USD	55	50	44	40
YC	Hedge/Member		Decrease	USD	50	50	40	40
KC Wheat: Dec 15 Jul 16 (KC HRW WHEAT FUTURES)								
KW	Spec		Increase	USD	440	400	495	450
KW	Hedge/Member		Increase	USD	400	400	450	450
KC Wheat: Dec 15 Jul 16 (MINI-SIZED KC HRW WHEAT FUTURES)								
MKC	Spec		Increase	USD	88	80	99	90
MKC	Hedge/Member		Increase	USD	80	80	90	90

SPAN MINIMUM PERFORMANCE BOND REQUIREMENTS

CC	Rate Type	Description	Change	ISO	Current Initial	Current Maintenance	New Initial	New Maintenance
Intra Spreads								
KC Wheat: Jul 15 Dec 15 (KC HRW WHEAT FUTURES)								
KW	Spec		Decrease	USD	220	200	165	150
KW	Hedge/Member		Decrease	USD	200	200	150	150
KC Wheat: Jul 15 Dec 15 (MINI-SIZED KC HRW WHEAT FUTURES)								
MKC	Spec		Decrease	USD	44	40	33	30
MKC	Hedge/Member		Decrease	USD	40	40	30	30
KC Wheat: Jul 15 Jul 16 (KC HRW WHEAT FUTURES)								
KW	Spec		Increase	USD	440	400	550	500
KW	Hedge/Member		Increase	USD	400	400	500	500
KC Wheat: Jul 15 Jul 16 (MINI-SIZED KC HRW WHEAT FUTURES)								
MKC	Spec		Increase	USD	88	80	110	100
MKC	Hedge/Member		Increase	USD	80	80	100	100
KC Wheat: Jul 15 Mar 16 (KC HRW WHEAT FUTURES)								
KW	Spec		Decrease	USD	275	250	165	150
KW	Hedge/Member		Decrease	USD	250	250	150	150
KC Wheat: Jul 15 Mar 16 (MINI-SIZED KC HRW WHEAT FUTURES)								
MKC	Spec		Decrease	USD	55	50	33	30
MKC	Hedge/Member		Decrease	USD	50	50	30	30
KC Wheat: Mar 15 Dec 15 (KC HRW WHEAT FUTURES)								
KW	Spec		Decrease	USD	440	400	330	300
KW	Hedge/Member		Decrease	USD	400	400	300	300
KC Wheat: Mar 15 Dec 15 (MINI-SIZED KC HRW WHEAT FUTURES)								
MKC	Spec		Decrease	USD	88	80	66	60
MKC	Hedge/Member		Decrease	USD	80	80	60	60
KC Wheat: Mar 15 Jul 15 (KC HRW WHEAT FUTURES)								
KW	Spec		Increase	USD	110	100	275	250
KW	Hedge/Member		Increase	USD	100	100	250	250
KC Wheat: Mar 15 Jul 15 (MINI-SIZED KC HRW WHEAT FUTURES)								
MKC	Spec		Increase	USD	22	20	55	50
MKC	Hedge/Member		Increase	USD	20	20	50	50
KC Wheat: Mar 15 Jul 16 (KC HRW WHEAT FUTURES)								
KW	Spec		Increase	USD	550	500	715	650
KW	Hedge/Member		Increase	USD	500	500	650	650

SPAN MINIMUM PERFORMANCE BOND REQUIREMENTS

CC	Rate Type	Description	Change	ISO	Current Initial	Current Maintenance	New Initial	New Maintenance
Intra Spreads								
KC Wheat: Mar 15 Jul 16 (MINI-SIZED KC HRW WHEAT FUTURES)								
MKC	Spec		Increase	USD	110	100	143	130
MKC	Hedge/Member		Increase	USD	100	100	130	130
KC Wheat: Mar 15 Mar 16 (KC HRW WHEAT FUTURES)								
KW	Spec		Decrease	USD	440	400	330	300
KW	Hedge/Member		Decrease	USD	400	400	300	300
KC Wheat: Mar 15 Mar 16 (MINI-SIZED KC HRW WHEAT FUTURES)								
MKC	Spec		Decrease	USD	88	80	66	60
MKC	Hedge/Member		Decrease	USD	80	80	60	60
KC Wheat: Mar 15 May 15 (KC HRW WHEAT FUTURES)								
KW	Spec		Increase	USD	110	100	165	150
KW	Hedge/Member		Increase	USD	100	100	150	150
KC Wheat: Mar 15 May 15 (MINI-SIZED KC HRW WHEAT FUTURES)								
MKC	Spec		Increase	USD	22	20	33	30
MKC	Hedge/Member		Increase	USD	20	20	30	30
KC Wheat: Mar 15 May 16 (KC HRW WHEAT FUTURES)								
KW	Spec		Decrease	USD	495	450	440	400
KW	Hedge/Member		Decrease	USD	450	450	400	400
KC Wheat: Mar 15 May 16 (MINI-SIZED KC HRW WHEAT FUTURES)								
MKC	Spec		Decrease	USD	99	90	88	80
MKC	Hedge/Member		Decrease	USD	90	90	80	80
KC Wheat: Mar 15 Sep 15 (KC HRW WHEAT FUTURES)								
KW	Spec		Decrease	USD	330	300	275	250
KW	Hedge/Member		Decrease	USD	300	300	250	250
KC Wheat: Mar 15 Sep 15 (MINI-SIZED KC HRW WHEAT FUTURES)								
MKC	Spec		Decrease	USD	66	60	55	50
MKC	Hedge/Member		Decrease	USD	60	60	50	50
KC Wheat: Mar 16 Jul 16 (KC HRW WHEAT FUTURES)								
KW	Spec		Increase	USD	440	400	495	450
KW	Hedge/Member		Increase	USD	400	400	450	450
KC Wheat: Mar 16 Jul 16 (MINI-SIZED KC HRW WHEAT FUTURES)								
MKC	Spec		Increase	USD	88	80	99	90
MKC	Hedge/Member		Increase	USD	80	80	90	90

SPAN MINIMUM PERFORMANCE BOND REQUIREMENTS

CC	Rate Type	Description	Change	ISO	Current Initial	Current Maintenance	New Initial	New Maintenance
Intra Spreads								
KC Wheat: Mar 16 May 16 (KC HRW WHEAT FUTURES)								
KW	Spec		Increase	USD	220	200	275	250
KW	Hedge/Member		Increase	USD	200	200	250	250
KC Wheat: Mar 16 May 16 (MINI-SIZED KC HRW WHEAT FUTURES)								
MKC	Spec		Increase	USD	44	40	55	50
MKC	Hedge/Member		Increase	USD	40	40	50	50
KC Wheat: May 15 Dec 15 (KC HRW WHEAT FUTURES)								
KW	Spec		Decrease	USD	385	350	220	200
KW	Hedge/Member		Decrease	USD	350	350	200	200
KC Wheat: May 15 Dec 15 (MINI-SIZED KC HRW WHEAT FUTURES)								
MKC	Spec		Decrease	USD	77	70	44	40
MKC	Hedge/Member		Decrease	USD	70	70	40	40
KC Wheat: May 15 Jul 15 (KC HRW WHEAT FUTURES)								
KW	Spec		Decrease	USD	220	200	165	150
KW	Hedge/Member		Decrease	USD	200	200	150	150
KC Wheat: May 15 Jul 15 (MINI-SIZED KC HRW WHEAT FUTURES)								
MKC	Spec		Decrease	USD	44	40	33	30
MKC	Hedge/Member		Decrease	USD	40	40	30	30
KC Wheat: May 15 Jul 16 (KC HRW WHEAT FUTURES)								
KW	Spec		Increase	USD	440	400	715	650
KW	Hedge/Member		Increase	USD	400	400	650	650
KC Wheat: May 15 Jul 16 (MINI-SIZED KC HRW WHEAT FUTURES)								
MKC	Spec		Increase	USD	88	80	143	130
MKC	Hedge/Member		Increase	USD	80	80	130	130
KC Wheat: May 15 Mar 16 (KC HRW WHEAT FUTURES)								
KW	Spec		Decrease	USD	385	350	275	250
KW	Hedge/Member		Decrease	USD	350	350	250	250
KC Wheat: May 15 Mar 16 (MINI-SIZED KC HRW WHEAT FUTURES)								
MKC	Spec		Decrease	USD	77	70	55	50
MKC	Hedge/Member		Decrease	USD	70	70	50	50
KC Wheat: May 15 May 16 (KC HRW WHEAT FUTURES)								
KW	Spec		Decrease	USD	440	400	385	350
KW	Hedge/Member		Decrease	USD	400	400	350	350

SPAN MINIMUM PERFORMANCE BOND REQUIREMENTS

CC	Rate Type	Description	Change	ISO	Current Initial	Current Maintenance	New Initial	New Maintenance
Intra Spreads								
KC Wheat: May 15 May 16 (MINI-SIZED KC HRW WHEAT FUTURES)								
MKC	Spec		Decrease	USD	88	80	77	70
MKC	Hedge/Member		Decrease	USD	80	80	70	70
KC Wheat: May 15 Sep 15 (KC HRW WHEAT FUTURES)								
KW	Spec		Decrease	USD	275	250	220	200
KW	Hedge/Member		Decrease	USD	250	250	200	200
KC Wheat: May 15 Sep 15 (MINI-SIZED KC HRW WHEAT FUTURES)								
MKC	Spec		Decrease	USD	55	50	44	40
MKC	Hedge/Member		Decrease	USD	50	50	40	40
KC Wheat: May 16 Jul 16 (KC HRW WHEAT FUTURES)								
KW	Spec		Increase	USD	330	300	385	350
KW	Hedge/Member		Increase	USD	300	300	350	350
KC Wheat: May 16 Jul 16 (MINI-SIZED KC HRW WHEAT FUTURES)								
MKC	Spec		Increase	USD	66	60	77	70
MKC	Hedge/Member		Increase	USD	60	60	70	70
KC Wheat: Sep 15 Dec 15 (KC HRW WHEAT FUTURES)								
KW	Spec		Decrease	USD	165	150	110	100
KW	Hedge/Member		Decrease	USD	150	150	100	100
KC Wheat: Sep 15 Dec 15 (MINI-SIZED KC HRW WHEAT FUTURES)								
MKC	Spec		Decrease	USD	33	30	22	20
MKC	Hedge/Member		Decrease	USD	30	30	20	20
KC Wheat: Sep 15 Jul 16 (KC HRW WHEAT FUTURES)								
KW	Spec		Increase	USD	440	400	550	500
KW	Hedge/Member		Increase	USD	400	400	500	500
KC Wheat: Sep 15 Jul 16 (MINI-SIZED KC HRW WHEAT FUTURES)								
MKC	Spec		Increase	USD	88	80	110	100
MKC	Hedge/Member		Increase	USD	80	80	100	100
KC Wheat: Sep 15 Mar 16 (KC HRW WHEAT FUTURES)								
KW	Spec		Decrease	USD	220	200	110	100
KW	Hedge/Member		Decrease	USD	200	200	100	100
KC Wheat: Sep 15 Mar 16 (MINI-SIZED KC HRW WHEAT FUTURES)								
MKC	Spec		Decrease	USD	44	40	22	20
MKC	Hedge/Member		Decrease	USD	40	40	20	20

SPAN MINIMUM PERFORMANCE BOND REQUIREMENTS

CC	Rate Type	Description	Change	ISO	Current Initial	Current Maintenance	New Initial	New Maintenance
Intra Spreads								
KC Wheat: Sep 16 Dec 15 (KC HRW WHEAT FUTURES)								
KW	Spec		New	USD			550	500
KW	Hedge/Member		New	USD			500	500
KC Wheat: Sep 16 Dec 15 (MINI-SIZED KC HRW WHEAT FUTURES)								
MKC	Spec		New	USD			110	100
MKC	Hedge/Member		New	USD			100	100
KC Wheat: Sep 16 Jul 15 (KC HRW WHEAT FUTURES)								
KW	Spec		New	USD			660	600
KW	Hedge/Member		New	USD			600	600
KC Wheat: Sep 16 Jul 15 (MINI-SIZED KC HRW WHEAT FUTURES)								
MKC	Spec		New	USD			132	120
MKC	Hedge/Member		New	USD			120	120
KC Wheat: Sep 16 Jul 16 (KC HRW WHEAT FUTURES)								
KW	Spec		New	USD			165	150
KW	Hedge/Member		New	USD			150	150
KC Wheat: Sep 16 Jul 16 (MINI-SIZED KC HRW WHEAT FUTURES)								
MKC	Spec		New	USD			33	30
MKC	Hedge/Member		New	USD			30	30
KC Wheat: Sep 16 Mar 15 (KC HRW WHEAT FUTURES)								
KW	Spec		New	USD			715	650
KW	Hedge/Member		New	USD			650	650
KC Wheat: Sep 16 Mar 15 (MINI-SIZED KC HRW WHEAT FUTURES)								
MKC	Spec		New	USD			143	130
MKC	Hedge/Member		New	USD			130	130
KC Wheat: Sep 16 Mar 16 (KC HRW WHEAT FUTURES)								
KW	Spec		New	USD			550	500
KW	Hedge/Member		New	USD			500	500
KC Wheat: Sep 16 Mar 16 (MINI-SIZED KC HRW WHEAT FUTURES)								
MKC	Spec		New	USD			110	100
MKC	Hedge/Member		New	USD			100	100
KC Wheat: Sep 16 May 15 (KC HRW WHEAT FUTURES)								
KW	Spec		New	USD			715	650
KW	Hedge/Member		New	USD			650	650

SPAN MINIMUM PERFORMANCE BOND REQUIREMENTS

CC	Rate Type	Description	Change	ISO	Current Initial	Current Maintenance	New Initial	New Maintenance
Intra Spreads								
KC Wheat: Sep 16 May 15 (MINI-SIZED KC HRW WHEAT FUTURES)								
MKC	Spec		New	USD			143	130
MKC	Hedge/Member		New	USD			130	130
KC Wheat: Sep 16 May 16 (KC HRW WHEAT FUTURES)								
KW	Spec		New	USD			385	350
KW	Hedge/Member		New	USD			350	350
KC Wheat: Sep 16 May 16 (MINI-SIZED KC HRW WHEAT FUTURES)								
MKC	Spec		New	USD			77	70
MKC	Hedge/Member		New	USD			70	70
KC Wheat: Sep 16 Sep 15 (KC HRW WHEAT FUTURES)								
KW	Spec		New	USD			660	600
KW	Hedge/Member		New	USD			600	600
KC Wheat: Sep 16 Sep 15 (MINI-SIZED KC HRW WHEAT FUTURES)								
MKC	Spec		New	USD			132	120
MKC	Hedge/Member		New	USD			120	120
Nonfat Dry Milk (NF) - Tier 1 vs Tier 1 (NONFAT DRY MILK FUTURES)								
NF	Spec		Increase	USD	1,430	1,300	1,870	1,700
NF	Hedge/Member		Increase	USD	1,300	1,300	1,700	1,700
Nonfat Dry Milk (NF) - Tier 1 vs Tier 2 (NONFAT DRY MILK FUTURES)								
NF	Spec		Increase	USD	1,650	1,500	1,870	1,700
NF	Hedge/Member		Increase	USD	1,500	1,500	1,700	1,700
Nonfat Dry Milk (NF) - Tier 2 vs Tier 2 (NONFAT DRY MILK FUTURES)								
NF	Spec		Increase	USD	1,430	1,300	1,870	1,700
NF	Hedge/Member		Increase	USD	1,300	1,300	1,700	1,700
Soybean Oil (CBOT) (07) - Mth 1-2 v Current Crop (SOYBEAN OIL FUTURES)								
07	Spec		Increase	USD	55	50	330	300
07	Hedge/Member		Increase	USD	50	50	300	300
Soybean Oil (CBOT) (07) - Mth 1-2 v New Crop (Oct through Sep) (SOYBEAN OIL FUTURES)								
07	Spec		Increase	USD	55	50	330	300
07	Hedge/Member		Increase	USD	50	50	300	300
Wheat Spread: Dec 15 vs May 16 (MINI-SIZED WHEAT FUTURES)								
YW	Spec		Increase	USD	33	30	55	50
YW	Hedge/Member		Increase	USD	30	30	50	50

SPAN MINIMUM PERFORMANCE BOND REQUIREMENTS

CC	Rate Type	Description	Change	ISO	Current Initial	Current Maintenance	New Initial	New Maintenance
Intra Spreads								
Wheat Spread: Dec 15 vs May 16 (WHEAT FUTURES)								
W	Spec		Increase	USD	165	150	275	250
W	Hedge/Member		Increase	USD	150	150	250	250
Wheat Spread: Jul 15 vs Mar 16 (MINI-SIZED WHEAT FUTURES)								
YW	Spec		Decrease	USD	44	40	33	30
YW	Hedge/Member		Decrease	USD	40	40	30	30
Wheat Spread: Jul 15 vs Mar 16 (WHEAT FUTURES)								
W	Spec		Decrease	USD	220	200	165	150
W	Hedge/Member		Decrease	USD	200	200	150	150
Wheat Spread: Jul 15 vs May 16 (MINI-SIZED WHEAT FUTURES)								
YW	Spec		New	USD			66	60
YW	Hedge/Member		New	USD			60	60
Wheat Spread: Jul 15 vs May 16 (WHEAT FUTURES)								
W	Spec		New	USD			330	300
W	Hedge/Member		New	USD			300	300
Wheat Spread: Jul 15 vs Sep 15 (MINI-SIZED WHEAT FUTURES)								
YW	Spec		Decrease	USD	44	40	22	20
YW	Hedge/Member		Decrease	USD	40	40	20	20
Wheat Spread: Jul 15 vs Sep 15 (WHEAT FUTURES)								
W	Spec		Decrease	USD	220	200	110	100
W	Hedge/Member		Decrease	USD	200	200	100	100
Wheat Spread: Jul 16 vs Dec 15 (MINI-SIZED WHEAT FUTURES)								
YW	Spec		Increase	USD	55	50	99	90
YW	Hedge/Member		Increase	USD	50	50	90	90
Wheat Spread: Jul 16 vs Dec 15 (WHEAT FUTURES)								
W	Spec		Increase	USD	275	250	495	450
W	Hedge/Member		Increase	USD	250	250	450	450
Wheat Spread: Jul 16 vs Jul 15 (MINI-SIZED WHEAT FUTURES)								
YW	Spec		Increase	USD	77	70	110	100
YW	Hedge/Member		Increase	USD	70	70	100	100
Wheat Spread: Jul 16 vs Jul 15 (WHEAT FUTURES)								
W	Spec		Increase	USD	385	350	550	500
W	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								
Wheat Spread: Jul 16 vs Mar 15 (MINI-SIZED WHEAT FUTURES)								
YW	Spec		Increase	USD	88	80	143	130
YW	Hedge/Member		Increase	USD	80	80	130	130
Wheat Spread: Jul 16 vs Mar 15 (WHEAT FUTURES)								
W	Spec		Increase	USD	440	400	715	650
W	Hedge/Member		Increase	USD	400	400	650	650
Wheat Spread: Jul 16 vs Mar 16 (MINI-SIZED WHEAT FUTURES)								
YW	Spec		Increase	USD	55	50	99	90
YW	Hedge/Member		Increase	USD	50	50	90	90
Wheat Spread: Jul 16 vs Mar 16 (WHEAT FUTURES)								
W	Spec		Increase	USD	275	250	495	450
W	Hedge/Member		Increase	USD	250	250	450	450
Wheat Spread: Jul 16 vs May 15 (MINI-SIZED WHEAT FUTURES)								
YW	Spec		Increase	USD	88	80	143	130
YW	Hedge/Member		Increase	USD	80	80	130	130
Wheat Spread: Jul 16 vs May 15 (WHEAT FUTURES)								
W	Spec		Increase	USD	440	400	715	650
W	Hedge/Member		Increase	USD	400	400	650	650
Wheat Spread: Jul 16 vs May 16 (MINI-SIZED WHEAT FUTURES)								
YW	Spec		Increase	USD	50	45	77	70
YW	Hedge/Member		Increase	USD	45	45	70	70
Wheat Spread: Jul 16 vs May 16 (WHEAT FUTURES)								
W	Spec		Increase	USD	248	225	385	350
W	Hedge/Member		Increase	USD	225	225	350	350
Wheat Spread: Jul 16 vs Sep 15 (MINI-SIZED WHEAT FUTURES)								
YW	Spec		Increase	USD	66	60	110	100
YW	Hedge/Member		Increase	USD	60	60	100	100
Wheat Spread: Jul 16 vs Sep 15 (WHEAT FUTURES)								
W	Spec		Increase	USD	330	300	550	500
W	Hedge/Member		Increase	USD	300	300	500	500
Wheat Spread: Mar 15 vs Dec 15 (MINI-SIZED WHEAT FUTURES)								
YW	Spec		Increase	USD	44	40	66	60
YW	Hedge/Member		Increase	USD	40	40	60	60

SPAN MINIMUM PERFORMANCE BOND REQUIREMENTS

CC	Rate Type	Description	Change	ISO	Current Initial	Current Maintenance	New Initial	New Maintenance
Intra Spreads								
Wheat Spread: Mar 15 vs Dec 15 (WHEAT FUTURES)								
W	Spec		Increase	USD	220	200	330	300
W	Hedge/Member		Increase	USD	200	200	300	300
Wheat Spread: Mar 15 vs Jul 15 (MINI-SIZED WHEAT FUTURES)								
YW	Spec		Increase	USD	22	20	55	50
YW	Hedge/Member		Increase	USD	20	20	50	50
Wheat Spread: Mar 15 vs Jul 15 (WHEAT FUTURES)								
W	Spec		Increase	USD	110	100	275	250
W	Hedge/Member		Increase	USD	100	100	250	250
Wheat Spread: Mar 15 vs Mar 16 (MINI-SIZED WHEAT FUTURES)								
YW	Spec		Increase	USD	55	50	66	60
YW	Hedge/Member		Increase	USD	50	50	60	60
Wheat Spread: Mar 15 vs Mar 16 (WHEAT FUTURES)								
W	Spec		Increase	USD	275	250	330	300
W	Hedge/Member		Increase	USD	250	250	300	300
Wheat Spread: Mar 15 vs May 15 (MINI-SIZED WHEAT FUTURES)								
YW	Spec		Increase	USD	22	20	33	30
YW	Hedge/Member		Increase	USD	20	20	30	30
Wheat Spread: Mar 15 vs May 15 (WHEAT FUTURES)								
W	Spec		Increase	USD	110	100	165	150
W	Hedge/Member		Increase	USD	100	100	150	150
Wheat Spread: Mar 15 vs May 16 (MINI-SIZED WHEAT FUTURES)								
YW	Spec		Increase	USD	66	60	88	80
YW	Hedge/Member		Increase	USD	60	60	80	80
Wheat Spread: Mar 15 vs May 16 (WHEAT FUTURES)								
W	Spec		Increase	USD	330	300	440	400
W	Hedge/Member		Increase	USD	300	300	400	400
Wheat Spread: Mar 15 vs Sep 15 (MINI-SIZED WHEAT FUTURES)								
YW	Spec		Increase	USD	44	40	55	50
YW	Hedge/Member		Increase	USD	40	40	50	50
Wheat Spread: Mar 15 vs Sep 15 (WHEAT FUTURES)								
W	Spec		Increase	USD	220	200	275	250
W	Hedge/Member		Increase	USD	200	200	250	250

SPAN MINIMUM PERFORMANCE BOND REQUIREMENTS

CC	Rate Type	Description	Change	ISO	Current Initial	Current Maintenance	New Initial	New Maintenance
Intra Spreads								
Wheat Spread: Mar 16 vs May 16 (MINI-SIZED WHEAT FUTURES)								
YW	Spec		Increase	USD	22	20	55	50
YW	Hedge/Member		Increase	USD	20	20	50	50
Wheat Spread: Mar 16 vs May 16 (WHEAT FUTURES)								
W	Spec		Increase	USD	110	100	275	250
W	Hedge/Member		Increase	USD	100	100	250	250
Wheat Spread: May 15 vs Jul 15 (MINI-SIZED WHEAT FUTURES)								
YW	Spec		Increase	USD	22	20	33	30
YW	Hedge/Member		Increase	USD	20	20	30	30
Wheat Spread: May 15 vs Jul 15 (WHEAT FUTURES)								
W	Spec		Increase	USD	110	100	165	150
W	Hedge/Member		Increase	USD	100	100	150	150
Wheat Spread: May 15 vs May 16 (MINI-SIZED WHEAT FUTURES)								
YW	Spec		Increase	USD	66	60	77	70
YW	Hedge/Member		Increase	USD	60	60	70	70
Wheat Spread: May 15 vs May 16 (WHEAT FUTURES)								
W	Spec		Increase	USD	330	300	385	350
W	Hedge/Member		Increase	USD	300	300	350	350
Wheat Spread: Sep 15 vs May 16 (MINI-SIZED WHEAT FUTURES)								
YW	Spec		Increase	USD	44	40	55	50
YW	Hedge/Member		Increase	USD	40	40	50	50
Wheat Spread: Sep 15 vs May 16 (WHEAT FUTURES)								
W	Spec		Increase	USD	220	200	275	250
W	Hedge/Member		Increase	USD	200	200	250	250
Wheat Spread: Sep 16 vs Dec 15 (MINI-SIZED WHEAT FUTURES)								
YW	Spec		Decrease	USD	132	120	110	100
YW	Hedge/Member		Decrease	USD	120	120	100	100
Wheat Spread: Sep 16 vs Dec 15 (WHEAT FUTURES)								
W	Spec		Decrease	USD	660	600	550	500
W	Hedge/Member		Decrease	USD	600	600	500	500
Wheat Spread: Sep 16 vs Jul 15 (MINI-SIZED WHEAT FUTURES)								
YW	Spec		Decrease	USD	154	140	132	120
YW	Hedge/Member		Decrease	USD	140	140	120	120

SPAN MINIMUM PERFORMANCE BOND REQUIREMENTS

CC	Rate Type	Description	Change	ISO	Current Initial	Current Maintenance	New Initial	New Maintenance
Intra Spreads								
Wheat Spread: Sep 16 vs Jul 15 (WHEAT FUTURES)								
W	Spec		Decrease	USD	770	700	660	600
W	Hedge/Member		Decrease	USD	700	700	600	600
Wheat Spread: Sep 16 vs Jul 16 (MINI-SIZED WHEAT FUTURES)								
YW	Spec		Decrease	USD	88	80	33	30
YW	Hedge/Member		Decrease	USD	80	80	30	30
Wheat Spread: Sep 16 vs Jul 16 (WHEAT FUTURES)								
W	Spec		Decrease	USD	440	400	165	150
W	Hedge/Member		Decrease	USD	400	400	150	150
Wheat Spread: Sep 16 vs Mar 15 (MINI-SIZED WHEAT FUTURES)								
YW	Spec		Decrease	USD	154	140	143	130
YW	Hedge/Member		Decrease	USD	140	140	130	130
Wheat Spread: Sep 16 vs Mar 15 (WHEAT FUTURES)								
W	Spec		Decrease	USD	770	700	715	650
W	Hedge/Member		Decrease	USD	700	700	650	650
Wheat Spread: Sep 16 vs Mar 16 (MINI-SIZED WHEAT FUTURES)								
YW	Spec		Decrease	USD	132	120	110	100
YW	Hedge/Member		Decrease	USD	120	120	100	100
Wheat Spread: Sep 16 vs Mar 16 (WHEAT FUTURES)								
W	Spec		Decrease	USD	660	600	550	500
W	Hedge/Member		Decrease	USD	600	600	500	500
Wheat Spread: Sep 16 vs May 15 (MINI-SIZED WHEAT FUTURES)								
YW	Spec		Decrease	USD	154	140	143	130
YW	Hedge/Member		Decrease	USD	140	140	130	130
Wheat Spread: Sep 16 vs May 15 (WHEAT FUTURES)								
W	Spec		Decrease	USD	770	700	715	650
W	Hedge/Member		Decrease	USD	700	700	650	650
Wheat Spread: Sep 16 vs May 16 (MINI-SIZED WHEAT FUTURES)								
YW	Spec		Decrease	USD	110	100	77	70
YW	Hedge/Member		Decrease	USD	100	100	70	70
Wheat Spread: Sep 16 vs May 16 (WHEAT FUTURES)								
W	Spec		Decrease	USD	550	500	385	350
W	Hedge/Member		Decrease	USD	500	500	350	350

SPAN MINIMUM PERFORMANCE BOND REQUIREMENTS

CC	Rate Type	Description	Change	ISO	Current Initial	Current Maintenance	New Initial	New Maintenance
Intra Spreads								
			ELECTRICITY - Intra Spreads					
Cinergy Hub Off-Peak LMP Swap - All Months (MISO INDIANA HUB OFF-PEAK MO FUT)								
EJ	Spec		Increase	USD	1,925	1,750	2,090	1,900
EJ	Hedge/Member		Increase	USD	1,750	1,750	1,900	1,900
NYISO Zone A LBMP Swap - Off-Peak - All Months (NYISO A OFF-PEAK)								
KB	Spec		Increase	USD	1,925	1,750	2,200	2,000
KB	Hedge/Member		Increase	USD	1,750	1,750	2,000	2,000
NYISO Zone A LBMP Swap - Peak - All Months (NYISO A)								
KA	Spec		Increase	USD	1,100	1,000	1,210	1,100
KA	Hedge/Member		Increase	USD	1,000	1,000	1,100	1,100
NYISO Zone A LBMP Swap - Peak - All Months (NYISO ZONE A 5MW D AH PK)								
K3	Spec		Increase	USD	220	200	242	220
K3	Hedge/Member		Increase	USD	200	200	220	220
NYISO Zone J LBMP Swap - Peak - All Months (NYISO J)								
KJ	Spec		Increase	USD	2,750	2,500	3,190	2,900
KJ	Hedge/Member		Increase	USD	2,500	2,500	2,900	2,900
NYISO Zone J LBMP Swap - Peak - All Months (NYISO ZONE J 5MW D AH PK)								
D3	Spec		Increase	USD	550	500	638	580
D3	Hedge/Member		Increase	USD	500	500	580	580
PJM AECO Zone Peak Calendar-Month Day-Ahead LMP - All Months (PJM AECO DA PEAK)								
Y1	Spec		Increase	USD	165	150	220	200
Y1	Hedge/Member		Increase	USD	150	150	200	200
PJM AEP Dayton Hub Peak Calendar-Month Day-Ahead - All Months (PJM DAYTON DA PEAK)								
D7	Spec		Increase	USD	330	300	660	600
D7	Hedge/Member		Increase	USD	300	300	600	600
PJM BGE Zone Off-Peak Calendar-Month Day-Ahead LMP - All Months (PJM BGE DA OFF-PEAK)								
R3	Spec		Increase	USD	11	10	17	15
R3	Hedge/Member		Increase	USD	10	10	15	15
PJM COM-ED 5MW DAY AHEAD PEAK - All Months (PJM COMED 5MW D AH PK)								
D8	Spec		Increase	USD	165	150	220	200
D8	Hedge/Member		Increase	USD	150	150	200	200
PJM Financially Settled Monthly Electricity Futures - All Months (PJM OFF-PEAK LMP FUT)								
JP	Spec		Increase	USD	1,650	1,500	1,980	1,800
JP	Hedge/Member		Increase	USD	1,500	1,500	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								
PJM Financially Settled Monthly Futures - Peak - All Months (PJM MONTHLY)								
JM	Spec		Increase	USD	1,650	1,500	2,200	2,000
JM	Hedge/Member		Increase	USD	1,500	1,500	2,000	2,000
PJM Northern Illinois Hub Peak Calendar-Month Day-Ahead LMP - All Months (PJM NILL DA PEAK)								
N3	Spec		Increase	USD	193	175	330	300
N3	Hedge/Member		Increase	USD	175	175	300	300
PJM WESTERN HUB PEAK CALENDAR-MONTH (J4) - All Months (PJM WESTHDA PEAK)								
J4	Spec		Increase	USD	193	175	220	200
J4	Hedge/Member		Increase	USD	175	175	200	200
PJM Western Hub Peak Calendar-Month Real-Time LMP - All Months (PJM WES HUB PEAK CAL MON REAL TIME)								
L1	Spec		Increase	USD	220	200	242	220
L1	Hedge/Member		Increase	USD	200	200	220	220
PJM Western Hub Peak Calendar-Month Real-Time LMP - All Months (PJM WES HUB PEAK LMP 50 MW)								
4S	Spec		Increase	USD	2,200	2,000	2,420	2,200
4S	Hedge/Member		Increase	USD	2,000	2,000	2,200	2,200
FX - Intra Spreads								
Euro FX (EC) - Contracts 1-4 vs. 5-8 (E-MICRO EUR/USD FUTURES)								
M6E	Spec		Increase	USD	17	15	22	20
M6E	Hedge/Member		Increase	USD	15	15	20	20
Euro FX (EC) - Contracts 1-4 vs. 5-8 (E-MINI EURO FX FUTURE)								
E7	Spec		Increase	USD	83	75	110	100
E7	Hedge/Member		Increase	USD	75	75	100	100
Euro FX (EC) - Contracts 1-4 vs. 5-8 (EURO FUTURE)								
EC	Spec		Increase	USD	165	150	220	200
EC	Hedge/Member		Increase	USD	150	150	200	200
Euro FX (EC) - Contracts 5-8 vs. 5-8 (E-MICRO EUR/USD FUTURES)								
M6E	Spec		Increase	USD	17	15	22	20
M6E	Hedge/Member		Increase	USD	15	15	20	20
Euro FX (EC) - Contracts 5-8 vs. 5-8 (E-MINI EURO FX FUTURE)								
E7	Spec		Increase	USD	83	75	110	100
E7	Hedge/Member		Increase	USD	75	75	100	100
Euro FX (EC) - Contracts 5-8 vs. 5-8 (EURO FUTURE)								
EC	Spec		Increase	USD	165	150	220	200
EC	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								
INTEREST RATES - Intra Spreads								
Fed Funds (CBOT) (41) - Tier 2 vs. Tier 3 [mth 2-4 vs. mth 5-12] (30 DAY FED FUND FUTURES)								
41	Spec		Increase	USD	55	50	83	75
41	Hedge/Member		Increase	USD	50	50	75	75
NATURAL GAS - Intra Spreads								
Texas Eastern Zone M-3 Basis Swap - All Months (TEXAS EASTERN ZONE M-3 BASIS FUT)								
NX	Spec		Increase	USD	1,056	960	1,210	1,100
NX	Hedge/Member		Increase	USD	960	960	1,100	1,100
PETROLEUM CRACKS AND SPREADS - Intra Spreads								
3.5% Fuel Oil Rdam Crack Swap Futures - All Months (3.5% F OIL(PLTS) BRGES FOB RDM CRCK)								
BOB	Spec		Increase	USD	6,985	6,350	7,684	6,985
BOB	Hedge/Member		Increase	USD	6,350	6,350	6,985	6,985
3.5% Fuel Oil Rdam Crack Swap Futures - All Months (FUEL OIL CRACK VS. ICE)								
FO	Spec		Increase	USD	1,100	1,000	1,210	1,100
FO	Hedge/Member		Increase	USD	1,000	1,000	1,100	1,100
European Gasoil Crack Spread Swap - All Months (GASOIL CRACK SPREAD CALENDAR FUT)								
GZ	Spec		Increase	USD	1,100	1,000	1,650	1,500
GZ	Hedge/Member		Increase	USD	1,000	1,000	1,500	1,500
European Gasoil Crack Spread Swap - All Months (GASOIL(ICE) CRACK SPREAD 1000MT FUT)								
GOC	Spec		Increase	USD	8,195	7,450	12,293	11,175
GOC	Hedge/Member		Increase	USD	7,450	7,450	11,175	11,175
Gasoline Euro-bob Oxy (Argus) NWE Barges Crack Spread Swap - All Months (ARGS GSOLNE E-BOB OXY BARGES NWE CK)								
EOB	Spec		Increase	USD	6,872	6,248	9,163	8,330
EOB	Hedge/Member		Increase	USD	6,248	6,248	8,330	8,330
Gasoline Euro-bob Oxy (Argus) NWE Barges Crack Spread Swap - All Months (GAS EURO-BOB OXY (ARG) CRACK)								
7K	Spec		Increase	USD	825	750	1,100	1,000
7K	Hedge/Member		Increase	USD	750	750	1,000	1,000
New York Heating Oil (Platts) v. NYMEX Heating Oil Swap - All Months (NY HO (PLATTS) VS NY HRBR ULSD)								
YH	Spec		Increase	USD	990	900	1,320	1,200
YH	Hedge/Member		Increase	USD	900	900	1,200	1,200

SPAN MINIMUM PERFORMANCE BOND REQUIREMENTS

CC	Rate Type	Description	Change	ISO	Current Initial	Current Maintenance	New Initial	New Maintenance
Intra Spreads								
			REFINED PRODUCTS - Intra Spreads					
European Gasoil (ICE) Calendar Swap - Tier 2 vs. Tier 2 (GASOIL CALENDAR FUT)								
GX	Spec		Increase	USD	4,950	4,500	5,500	5,000
GX	Hedge/Member		Increase	USD	4,500	4,500	5,000	5,000
European Gasoil (ICE) Calendar Swap - Tier 2 vs. Tier 2 (GASOIL MINI CALENDAR FUT)								
QA	Spec		Increase	USD	495	450	550	500
QA	Hedge/Member		Increase	USD	450	450	500	500
European Gasoil (ICE) Calendar Swap - Tier 3 vs. Tier 4 (GASOIL CALENDAR FUT)								
GX	Spec		Increase	USD	4,950	4,500	5,500	5,000
GX	Hedge/Member		Increase	USD	4,500	4,500	5,000	5,000
European Gasoil (ICE) Calendar Swap - Tier 3 vs. Tier 4 (GASOIL MINI CALENDAR FUT)								
QA	Spec		Increase	USD	495	450	550	500
QA	Hedge/Member		Increase	USD	450	450	500	500
European Singapore Fuel Oil 180cst Calendar Swap - Tier 2 vs. Tier 2 (MINI SINGP FUEL OIL 180CST FUTURES)								
0F	Spec		Increase	USD	440	400	550	500
0F	Hedge/Member		Increase	USD	400	400	500	500
European Singapore Fuel Oil 180cst Calendar Swap - Tier 2 vs. Tier 2 (SINGAPORE FUEL 180CST CALFUT)								
UA	Spec		Increase	USD	4,400	4,000	5,500	5,000
UA	Hedge/Member		Increase	USD	4,000	4,000	5,000	5,000
Los Angeles CARB Diesel (OPIS) Outright Swap - All Months (LA CARB DIESEL (OPIS))								
LX	Spec		Increase	USD	3,300	3,000	4,400	4,000
LX	Hedge/Member		Increase	USD	3,000	3,000	4,000	4,000

SPAN MINIMUM PERFORMANCE BOND REQUIREMENTS

Rate Type	Change	Ratio	Current Initial	Current Maintenance	New Initial	New Maintenance
Inter-commodity Spread Rates						
AGRICULTURE - Inter-commodity Spread Rates						
CBOT vs. KCBT Wheat						
Spread Credit Rate	Increase	+1:-1	70%	70%	80%	80%
Corn (CBOT) (C) vs. Wheat (CBOT) (W)						
Spread Credit Rate	Decrease	+1:-1	60%	60%	45%	45%
Corn vs. KCBT Wheat						
Spread Credit Rate	Decrease	+1:-1	60%	60%	50%	50%
Oats (CBOT) (O) vs. Soybean Meal (CBOT) (06)						
Spread Credit Rate	Decrease	+1:-1	40%	40%	30%	30%
Oats (CBOT) (O) vs. Soybean Oil (CBOT) (07)						
Spread Credit Rate	Decrease	+1:-1	40%	40%	35%	35%
Soymeal (CBOT) (06) vs. Soybean Oil (CBOT) (07)						
Spread Credit Rate	Decrease	+1:-1	55%	55%	35%	35%
CRUDE OIL - Inter-commodity Spread Rates						
BRENT (ICE) CALENDAR SWAP FUTURES (NY-CY - CME) vs CRUDE OIL FINANCIAL FUTURES (NY-WS - CME)						
Spread Credit Rate	Increase	+1:-1	65%	65%	80%	80%
Spread Credit Rate	Increase	+1:-1	77%	77%	85%	85%
BRENT (ICE) CALENDAR SWAP FUTURES (NY-CY - CME) vs HEATING OIL CALENDAR SWAP FUTURES (NY-MP - CME)						
Spread Credit Rate	Decrease	+1:-1	82%	82%	60%	60%
BRENT (ICE) CALENDAR SWAP FUTURES (NY-CY - CME) vs HEATING OIL FINANCIAL FUTURES (NY-BH - CME)						
Spread Credit Rate	Increase	+1:-1	77%	77%	80%	80%
BRENT (ICE) CALENDAR SWAP FUTURES (NY-CY - CME) vs HEATING OIL LAST DAY FINANCIAL FUTURES (NY-23 - CME)						
Spread Credit Rate	Increase	+1:-1	77%	77%	80%	80%
BRENT (ICE) CALENDAR SWAP FUTURES (NY-CY - CME) vs LIGHT SWEET CRUDE OIL FUTURES (NY-CL - CME)						
Spread Credit Rate	New	+1:-1			83%	83%
Spread Credit Rate	Increase	+1:-1	72%	72%	80%	80%
Spread Credit Rate	Increase	+1:-1	77%	77%	85%	85%
BRENT (ICE) CALENDAR SWAP FUTURES (NY-CY - CME) vs NEW YORK HARBOR NO. 2 HEATING OIL FUTURES (NY-HO - CME)						
Spread Credit Rate	Increase	+1:-1	77%	77%	80%	80%
BRENT (ICE) CALENDAR SWAP FUTURES (NY-CY - CME) vs WTI CALENDAR SWAP FUTURES (NY-CS - CME)						
Spread Credit Rate	Increase	+1:-1	72%	72%	83%	83%
Spread Credit Rate	Increase	+1:-1	77%	77%	85%	85%

SPAN MINIMUM PERFORMANCE BOND REQUIREMENTS

Rate Type	Change	Ratio	Current Initial	Current Maintenance	New Initial	New Maintenance
Inter-commodity Spread Rates						
BRENT CRUDE OIL BULLET SWAP FINANCIAL (NYM-BB, BZ, CY) vs HEATING OIL (NYM-HO, BH, MP)						
Spread Credit Rate	New	+1:-1			60%	60%
Spread Credit Rate	Decrease	+1:-1	82%	82%	65%	65%
Spread Credit Rate	Increase	+1:-1	77%	77%	80%	80%
BRENT CRUDE OIL LAST DAY FINANCIAL FUTURES (NY-BZ - CME) vs EUROPEAN GASOIL BULLET SWAP FUTURES (NY-BG - CME)						
Spread Credit Rate	Decrease	+15:-2	70%	70%	60%	60%
BRENT CRUDE OIL LAST DAY FINANCIAL FUTURES (NY-BZ - CME) vs HEATING OIL CALENDAR SWAP FUTURES (NY-MP - CME)						
Spread Credit Rate	Decrease	+1:-1	82%	82%	65%	65%
BRENT CRUDE OIL LAST DAY FINANCIAL FUTURES (NY-BZ - CME) vs HEATING OIL FINANCIAL FUTURES (NY-BH - CME)						
Spread Credit Rate	New	+1:-1			60%	60%
Spread Credit Rate	Decrease	+1:-1	82%	82%	65%	65%
Spread Credit Rate	Increase	+1:-1	77%	77%	80%	80%
BRENT CRUDE OIL LAST DAY FINANCIAL FUTURES (NY-BZ - CME) vs HEATING OIL LAST DAY FINANCIAL FUTURES (NY-23 - CME)						
Spread Credit Rate	New	+1:-1			60%	60%
Spread Credit Rate	Decrease	+1:-1	82%	82%	65%	65%
Spread Credit Rate	Increase	+1:-1	77%	77%	80%	80%
BRENT CRUDE OIL LAST DAY FINANCIAL FUTURES (NY-BZ - CME) vs LIGHT SWEET CRUDE OIL FUTURES (NY-CL - CME)						
Spread Credit Rate	Increase	+1:-1	72%	72%	83%	83%
Spread Credit Rate	Increase	+1:-1	77%	77%	85%	85%
Spread Credit Rate	Increase	+1:-1	65%	65%	80%	80%
BRENT CRUDE OIL LAST DAY FINANCIAL FUTURES (NY-BZ - CME) vs NEW YORK HARBOR NO. 2 HEATING OIL FUTURES (NY-HO - CME)						
Spread Credit Rate	New	+1:-1			60%	60%
Spread Credit Rate	Decrease	+1:-1	82%	82%	65%	65%
Spread Credit Rate	Increase	+1:-1	77%	77%	80%	80%
BRENT CRUDE OIL PENULTIMATE FINANCIAL FUTURES (NY-BB - CME) vs EUROPEAN GASOIL BULLET SWAP FUTURES (NY-BG - CME)						
Spread Credit Rate	Decrease	+15:-2	70%	70%	60%	60%
BRENT CRUDE OIL PENULTIMATE FINANCIAL FUTURES (NY-BB - CME) vs HEATING OIL CALENDAR SWAP FUTURES (NY-MP - CME)						
Spread Credit Rate	Decrease	+1:-1	82%	82%	65%	65%

SPAN MINIMUM PERFORMANCE BOND REQUIREMENTS

Rate Type	Change	Ratio	Current Initial	Current Maintenance	New Initial	New Maintenance
Inter-commodity Spread Rates						
BRENT CRUDE OIL PENULTIMATE FINANCIAL FUTURES (NY-BB - CME) vs HEATING OIL FINANCIAL FUTURES (NY-BH - CME)						
Spread Credit Rate	New	+1:-1			60%	60%
Spread Credit Rate	Decrease	+1:-1	82%	82%	65%	65%
Spread Credit Rate	Increase	+1:-1	77%	77%	80%	80%
BRENT CRUDE OIL PENULTIMATE FINANCIAL FUTURES (NY-BB - CME) vs HEATING OIL LAST DAY FINANCIAL FUTURES (NY-23 - CME)						
Spread Credit Rate	New	+1:-1			60%	60%
Spread Credit Rate	Decrease	+1:-1	82%	82%	65%	65%
Spread Credit Rate	Increase	+1:-1	77%	77%	80%	80%
BRENT CRUDE OIL PENULTIMATE FINANCIAL FUTURES (NY-BB - CME) vs LIGHT SWEET CRUDE OIL FUTURES (NY-CL - CME)						
Spread Credit Rate	Increase	+1:-1	72%	72%	83%	83%
Spread Credit Rate	Increase	+1:-1	77%	77%	85%	85%
Spread Credit Rate	Increase	+1:-1	65%	65%	80%	80%
CRUDE OIL FINANCIAL FUTURES (NY-WS - CME) vs BRENT CRUDE OIL LAST DAY FINANCIAL FUTURES (NY-BZ - CME)						
Spread Credit Rate	Increase	+1:-1	72%	72%	83%	83%
Spread Credit Rate	Increase	+1:-1	65%	65%	80%	80%
Spread Credit Rate	Increase	+1:-1	77%	77%	85%	85%
CRUDE OIL FINANCIAL FUTURES (NY-WS - CME) vs BRENT CRUDE OIL PENULTIMATE FINANCIAL FUTURES (NY-BB - CME)						
Spread Credit Rate	Increase	+1:-1	72%	72%	83%	83%
Spread Credit Rate	Increase	+1:-1	65%	65%	80%	80%
Spread Credit Rate	Increase	+1:-1	77%	77%	85%	85%
CRUDE OIL FINANCIAL FUTURES (NY-WS - CME) vs NEW YORK HARBOR NO. 2 HEATING OIL FUTURES (NY-HO - CME)						
Spread Credit Rate	Increase	+1:-1	77%	77%	82%	82%
Spread Credit Rate	Increase	+1:-1	69%	69%	76%	76%
Spread Credit Rate	Increase	+1:-1	70%	70%	75%	75%
CRUDE OIL FINANCIAL FUTURES (NY-WS - CME) vs RBOB GASOLINE CALENDAR SWAP FUTURES (NY-RL - CME)						
Spread Credit Rate	Increase	+1:-1	60%	60%	70%	70%
Spread Credit Rate	Increase	+1:-1	70%	70%	77%	77%
CRUDE OIL FINANCIAL FUTURES (NY-WS - CME) vs RBOB GASOLINE FINANCIAL FUTURES (NY-RT - CME)						
Spread Credit Rate	Increase	+1:-1	60%	60%	70%	70%
Spread Credit Rate	Increase	+1:-1	70%	70%	77%	77%

SPAN MINIMUM PERFORMANCE BOND REQUIREMENTS

Rate Type	Change	Ratio	Current Initial	Current Maintenance	New Initial	New Maintenance
Inter-commodity Spread Rates						
CRUDE OIL FINANCIAL FUTURES (NY-WS - CME) vs RBOB GASOLINE FUTURES (NY-RB - CME)						
Spread Credit Rate	Increase	+1:-1	53%	53%	65%	65%
Spread Credit Rate	Increase	+1:-1	60%	60%	70%	70%
Spread Credit Rate	Increase	+1:-1	70%	70%	77%	77%
CRUDE OIL LAST DAY FINANCIAL FUTURES (NY-26 - CME) vs BRENT (ICE) CALENDAR SWAP FUTURES (NY-CY - CME)						
Spread Credit Rate	New	+1:-1			83%	83%
Spread Credit Rate	Increase	+1:-1	77%	77%	85%	85%
Spread Credit Rate	Increase	+1:-1	72%	72%	80%	80%
CRUDE OIL LAST DAY FINANCIAL FUTURES (NY-26 - CME) vs BRENT CRUDE OIL LAST DAY FINANCIAL FUTURES (NY-BZ - CME)						
Spread Credit Rate	Increase	+1:-1	72%	72%	83%	83%
Spread Credit Rate	Increase	+1:-1	77%	77%	85%	85%
Spread Credit Rate	Increase	+1:-1	65%	65%	80%	80%
CRUDE OIL LAST DAY FINANCIAL FUTURES (NY-26 - CME) vs BRENT CRUDE OIL PENULTIMATE FINANCIAL FUTURES (NY-BB - CME)						
Spread Credit Rate	New	+1:-1			83%	83%
Spread Credit Rate	Increase	+1:-1	77%	77%	85%	85%
Spread Credit Rate	Increase	+1:-1	72%	72%	80%	80%
HEATING OIL LAST DAY FINANCIAL FUTURES (NY-23 - CME) vs CRUDE OIL FINANCIAL FUTURES (NY-WS - CME)						
Spread Credit Rate	Increase	+1:-1	77%	77%	82%	82%
Spread Credit Rate	Increase	+1:-1	69%	69%	76%	76%
Spread Credit Rate	Increase	+1:-1	70%	70%	75%	75%
HEATING OIL LAST DAY FINANCIAL FUTURES (NY-23 - CME) vs CRUDE OIL LAST DAY FINANCIAL FUTURES (NY-26 - CME)						
Spread Credit Rate	Increase	+1:-1	77%	77%	82%	82%
Spread Credit Rate	Increase	+1:-1	70%	70%	75%	75%
Spread Credit Rate	Increase	+1:-1	69%	69%	76%	76%
HEATING OIL LAST DAY FINANCIAL FUTURES (NY-23 - CME) vs LIGHT SWEET CRUDE OIL FUTURES (NY-CL - CME)						
Spread Credit Rate	Increase	+1:-1	77%	77%	82%	82%
Spread Credit Rate	Increase	+1:-1	70%	70%	75%	75%
Spread Credit Rate	Increase	+1:-1	69%	69%	76%	76%
HEATING OIL LAST DAY FINANCIAL FUTURES (NY-23 - CME) vs WTI CALENDAR SWAP FUTURES (NY-CS - CME)						
Spread Credit Rate	Increase	+1:-1	70%	70%	75%	75%
Spread Credit Rate	Increase	+1:-1	77%	77%	82%	82%

SPAN MINIMUM PERFORMANCE BOND REQUIREMENTS

Rate Type	Change	Ratio	Current Initial	Current Maintenance	New Initial	New Maintenance
Inter-commodity Spread Rates						
LIGHT SWEET CRUDE OIL FUTURES (NY-CL - CME) vs HEATING OIL CALENDAR SWAP FUTURES (NY-MP - CME)						
Spread Credit Rate	Increase	+1:-1	69%	69%	76%	76%
Spread Credit Rate	Increase	+1:-1	77%	77%	82%	82%
LIGHT SWEET CRUDE OIL FUTURES (NY-CL - CME) vs RBOB GASOLINE FINANCIAL FUTURES (NY-RT - CME)						
Spread Credit Rate	Increase	+1:-1	60%	60%	70%	70%
Spread Credit Rate	Increase	+1:-1	70%	70%	77%	77%
LIGHT, SWEET CRUDE OIL FUTURES (NYM-CL, CS, WS) vs HEATING OIL FINANCIAL FUTURES (NYM-HO, BH, MP)						
Spread Credit Rate	Increase	+1:-1	77%	77%	82%	82%
Spread Credit Rate	Increase	+1:-1	69%	69%	76%	76%
Spread Credit Rate	Increase	+1:-1	70%	70%	75%	75%
NY HARBOR RBOB GASOLINE (NYM-RB, RL, RT) vs LIGHT, SWEET CRUDE OIL FUTURES (NYM-CL, CS, WS)						
Spread Credit Rate	Increase	+1:-1	53%	53%	65%	65%
Spread Credit Rate	Increase	+1:-1	70%	70%	77%	77%
Spread Credit Rate	Increase	+1:-1	60%	60%	70%	70%
RBOB GASOLINE CALENDAR SWAP FUTURES (NY-RL - CME) vs LIGHT SWEET CRUDE OIL FUTURES (NY-CL - CME)						
Spread Credit Rate	Increase	+1:-1	70%	70%	77%	77%
Spread Credit Rate	Increase	+1:-1	60%	60%	70%	70%
RBOB GASOLINE CALENDAR SWAP FUTURES (NY-RL - CME) vs WTI CALENDAR SWAP FUTURES (NY-CS - CME)						
Spread Credit Rate	Increase	+1:-1	70%	70%	77%	77%
Spread Credit Rate	Increase	+1:-1	53%	53%	65%	65%
RBOB GASOLINE FUTURES (NY-RB - CME) vs WTI CALENDAR SWAP FUTURES (NY-CS - CME)						
Spread Credit Rate	Increase	+1:-1	70%	70%	77%	77%
Spread Credit Rate	Increase	+1:-1	60%	60%	70%	70%
WTI CALENDAR SWAP FUTURES (NY-CS - CME) vs BRENT CRUDE OIL LAST DAY FINANCIAL FUTURES (NY-BZ - CME)						
Spread Credit Rate	Increase	+1:-1	72%	72%	83%	83%
Spread Credit Rate	Increase	+1:-1	77%	77%	85%	85%
Spread Credit Rate	Increase	+1:-1	65%	65%	80%	80%
WTI CALENDAR SWAP FUTURES (NY-CS - CME) vs BRENT CRUDE OIL PENULTIMATE FINANCIAL FUTURES (NY-BB - CME)						
Spread Credit Rate	Increase	+1:-1	77%	77%	85%	85%
Spread Credit Rate	Increase	+1:-1	65%	65%	80%	80%
WTI CALENDAR SWAP FUTURES (NY-CS - CME) vs HEATING OIL CALENDAR SWAP FUTURES (NY-MP - CME)						
Spread Credit Rate	Increase	+1:-1	77%	77%	82%	82%
Spread Credit Rate	Increase	+1:-1	68%	68%	75%	75%

SPAN MINIMUM PERFORMANCE BOND REQUIREMENTS

Rate Type	Change	Ratio	Current Initial	Current Maintenance	New Initial	New Maintenance
Inter-commodity Spread Rates						
WTI CALENDAR SWAP FUTURES (NY-CS - CME) vs NEW YORK HARBOR NO. 2 HEATING OIL FUTURES (NY-HO - CME)						
Spread Credit Rate	Increase	+1:-1	77%	77%	82%	82%
Spread Credit Rate	Increase	+1:-1	70%	70%	75%	75%
WTI CALENDAR SWAP FUTURES (NY-CS - CME) vs RBOB GASOLINE FINANCIAL FUTURES (NY-RT - CME)						
Spread Credit Rate	Increase	+1:-1	70%	70%	77%	77%
INTEREST RATES - Inter-commodity Spread Rates						
30YR TREASURY vs 30YR DELIVERABLE SWAP FUTURE						
Spread Credit Rate	Increase	+1:-1	55%	55%	60%	60%
ULTRA LONG TREASURY BOND (UBE - CME) vs 2 YR NOTE (26 - CME)						
Spread Credit Rate	Increase	+1:-6	0%	0%	40%	40%
METALS - Inter-commodity Spread Rates						
ALUMINUM FUTURES (CX-ALI - CME) vs ALUMINUM MW US TRANSACTION PREMIUM PLATTS (25MT) SWAP FUTURES (CX-AUP - CME)						
Spread Credit Rate	Decrease	+1:-1	50%	50%	40%	40%

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						
BRENT (ICE) CALENDAR SWAP FUTURES (NY-CY - CME) vs HEATING OIL CALENDAR SWAP FUTURES (NY-MP - CME)						
Spread Credit Rate	Decrease	+1:-1	82%	82%	60%	60%
BRENT (ICE) CALENDAR SWAP FUTURES (NY-CY - CME) vs HEATING OIL FINANCIAL FUTURES (NY-BH - CME)						
Spread Credit Rate	Increase	+1:-1	77%	77%	80%	80%
BRENT (ICE) CALENDAR SWAP FUTURES (NY-CY - CME) vs HEATING OIL LAST DAY FINANCIAL FUTURES (NY-23 - CME)						
Spread Credit Rate	Increase	+1:-1	77%	77%	80%	80%
BRENT (ICE) CALENDAR SWAP FUTURES (NY-CY - CME) vs NEW YORK HARBOR NO. 2 HEATING OIL FUTURES (NY-HO - CME)						
Spread Credit Rate	Increase	+1:-1	77%	77%	80%	80%
BRENT CRUDE OIL BULLET SWAP FINANCIAL (NYM-BB, BZ, CY) vs HEATING OIL (NYM-HO, BH, MP)						
Spread Credit Rate	New	+1:-1			60%	60%
Spread Credit Rate	Decrease	+1:-1	82%	82%	65%	65%
Spread Credit Rate	Increase	+1:-1	77%	77%	80%	80%
BRENT CRUDE OIL LAST DAY FINANCIAL FUTURES (NY-BZ - CME) vs EUROPEAN GASOIL BULLET SWAP FUTURES (NY-BG - CME)						
Spread Credit Rate	Decrease	+15:-2	70%	70%	60%	60%
BRENT CRUDE OIL LAST DAY FINANCIAL FUTURES (NY-BZ - CME) vs HEATING OIL CALENDAR SWAP FUTURES (NY-MP - CME)						
Spread Credit Rate	Decrease	+1:-1	82%	82%	65%	65%
BRENT CRUDE OIL LAST DAY FINANCIAL FUTURES (NY-BZ - CME) vs HEATING OIL FINANCIAL FUTURES (NY-BH - CME)						
Spread Credit Rate	New	+1:-1			60%	60%
Spread Credit Rate	Decrease	+1:-1	82%	82%	65%	65%
Spread Credit Rate	Increase	+1:-1	77%	77%	80%	80%
BRENT CRUDE OIL LAST DAY FINANCIAL FUTURES (NY-BZ - CME) vs HEATING OIL LAST DAY FINANCIAL FUTURES (NY-23 - CME)						
Spread Credit Rate	New	+1:-1			60%	60%
Spread Credit Rate	Decrease	+1:-1	82%	82%	65%	65%
Spread Credit Rate	Increase	+1:-1	77%	77%	80%	80%
BRENT CRUDE OIL LAST DAY FINANCIAL FUTURES (NY-BZ - CME) vs NEW YORK HARBOR NO. 2 HEATING OIL FUTURES (NY-HO - CME)						
Spread Credit Rate	New	+1:-1			60%	60%
Spread Credit Rate	Decrease	+1:-1	82%	82%	65%	65%
Spread Credit Rate	Increase	+1:-1	77%	77%	80%	80%

SPAN MINIMUM PERFORMANCE BOND REQUIREMENTS

Rate Type	Change	Ratio	Current Initial	Current Maintenance	New Initial	New Maintenance
Inter-commodity Spread Rates						
BRENT CRUDE OIL PENULTIMATE FINANCIAL FUTURES (NY-BB - CME) vs EUROPEAN GASOIL BULLET SWAP FUTURES (NY-BG - CME)						
Spread Credit Rate	Decrease	+15:-2	70%	70%	60%	60%
BRENT CRUDE OIL PENULTIMATE FINANCIAL FUTURES (NY-BB - CME) vs HEATING OIL CALENDAR SWAP FUTURES (NY-MP - CME)						
Spread Credit Rate	Decrease	+1:-1	82%	82%	65%	65%
BRENT CRUDE OIL PENULTIMATE FINANCIAL FUTURES (NY-BB - CME) vs HEATING OIL FINANCIAL FUTURES (NY-BH - CME)						
Spread Credit Rate	New	+1:-1			60%	60%
Spread Credit Rate	Decrease	+1:-1	82%	82%	65%	65%
Spread Credit Rate	Increase	+1:-1	77%	77%	80%	80%
BRENT CRUDE OIL PENULTIMATE FINANCIAL FUTURES (NY-BB - CME) vs HEATING OIL LAST DAY FINANCIAL FUTURES (NY-23 - CME)						
Spread Credit Rate	New	+1:-1			60%	60%
Spread Credit Rate	Decrease	+1:-1	82%	82%	65%	65%
Spread Credit Rate	Increase	+1:-1	77%	77%	80%	80%
CRUDE OIL FINANCIAL FUTURES (NY-WS - CME) vs NEW YORK HARBOR NO. 2 HEATING OIL FUTURES (NY-HO - CME)						
Spread Credit Rate	Increase	+1:-1	77%	77%	82%	82%
Spread Credit Rate	Increase	+1:-1	69%	69%	76%	76%
Spread Credit Rate	Increase	+1:-1	70%	70%	75%	75%
CRUDE OIL FINANCIAL FUTURES (NY-WS - CME) vs RBOB GASOLINE CALENDAR SWAP FUTURES (NY-RL - CME)						
Spread Credit Rate	Increase	+1:-1	60%	60%	70%	70%
Spread Credit Rate	Increase	+1:-1	70%	70%	77%	77%
CRUDE OIL FINANCIAL FUTURES (NY-WS - CME) vs RBOB GASOLINE FINANCIAL FUTURES (NY-RT - CME)						
Spread Credit Rate	Increase	+1:-1	60%	60%	70%	70%
Spread Credit Rate	Increase	+1:-1	70%	70%	77%	77%
CRUDE OIL FINANCIAL FUTURES (NY-WS - CME) vs RBOB GASOLINE FUTURES (NY-RB - CME)						
Spread Credit Rate	Increase	+1:-1	53%	53%	65%	65%
Spread Credit Rate	Increase	+1:-1	60%	60%	70%	70%
Spread Credit Rate	Increase	+1:-1	70%	70%	77%	77%
HEATING OIL LAST DAY FINANCIAL FUTURES (NY-23 - CME) vs CRUDE OIL FINANCIAL FUTURES (NY-WS - CME)						
Spread Credit Rate	Increase	+1:-1	77%	77%	82%	82%
Spread Credit Rate	Increase	+1:-1	69%	69%	76%	76%
Spread Credit Rate	Increase	+1:-1	70%	70%	75%	75%

SPAN MINIMUM PERFORMANCE BOND REQUIREMENTS

Rate Type	Change	Ratio	Current Initial	Current Maintenance	New Initial	New Maintenance
Inter-commodity Spread Rates						
HEATING OIL LAST DAY FINANCIAL FUTURES (NY-23 - CME) vs CRUDE OIL LAST DAY FINANCIAL FUTURES (NY-26 - CME)						
Spread Credit Rate	Increase	+1:-1	77%	77%	82%	82%
Spread Credit Rate	Increase	+1:-1	70%	70%	75%	75%
Spread Credit Rate	Increase	+1:-1	69%	69%	76%	76%
HEATING OIL LAST DAY FINANCIAL FUTURES (NY-23 - CME) vs LIGHT SWEET CRUDE OIL FUTURES (NY-CL - CME)						
Spread Credit Rate	Increase	+1:-1	77%	77%	82%	82%
Spread Credit Rate	Increase	+1:-1	70%	70%	75%	75%
Spread Credit Rate	Increase	+1:-1	69%	69%	76%	76%
HEATING OIL LAST DAY FINANCIAL FUTURES (NY-23 - CME) vs WTI CALENDAR SWAP FUTURES (NY-CS - CME)						
Spread Credit Rate	Increase	+1:-1	70%	70%	75%	75%
Spread Credit Rate	Increase	+1:-1	77%	77%	82%	82%
LIGHT SWEET CRUDE OIL FUTURES (NY-CL - CME) vs HEATING OIL CALENDAR SWAP FUTURES (NY-MP - CME)						
Spread Credit Rate	Increase	+1:-1	69%	69%	76%	76%
Spread Credit Rate	Increase	+1:-1	77%	77%	82%	82%
LIGHT SWEET CRUDE OIL FUTURES (NY-CL - CME) vs RBOB GASOLINE FINANCIAL FUTURES (NY-RT - CME)						
Spread Credit Rate	Increase	+1:-1	60%	60%	70%	70%
Spread Credit Rate	Increase	+1:-1	70%	70%	77%	77%
LIGHT, SWEET CRUDE OIL FUTURES (NYM-CL, CS, WS) vs HEATING OIL FINANCIAL FUTURES (NYM-HO, BH, MP)						
Spread Credit Rate	Increase	+1:-1	77%	77%	82%	82%
Spread Credit Rate	Increase	+1:-1	69%	69%	76%	76%
Spread Credit Rate	Increase	+1:-1	70%	70%	75%	75%
NY HARBOR RBOB GASOLINE (NYM-RB, RL, RT) vs LIGHT, SWEET CRUDE OIL FUTURES (NYM-CL, CS, WS)						
Spread Credit Rate	Increase	+1:-1	53%	53%	65%	65%
Spread Credit Rate	Increase	+1:-1	70%	70%	77%	77%
Spread Credit Rate	Increase	+1:-1	60%	60%	70%	70%
RBOB GASOLINE CALENDAR SWAP FUTURES (NY-RL - CME) vs LIGHT SWEET CRUDE OIL FUTURES (NY-CL - CME)						
Spread Credit Rate	Increase	+1:-1	70%	70%	77%	77%
Spread Credit Rate	Increase	+1:-1	60%	60%	70%	70%
RBOB GASOLINE CALENDAR SWAP FUTURES (NY-RL - CME) vs WTI CALENDAR SWAP FUTURES (NY-CS - CME)						
Spread Credit Rate	Increase	+1:-1	70%	70%	77%	77%
Spread Credit Rate	Increase	+1:-1	53%	53%	65%	65%
RBOB GASOLINE FUTURES (NY-RB - CME) vs WTI CALENDAR SWAP FUTURES (NY-CS - CME)						
Spread Credit Rate	Increase	+1:-1	70%	70%	77%	77%
Spread Credit Rate	Increase	+1:-1	60%	60%	70%	70%

SPAN MINIMUM PERFORMANCE BOND REQUIREMENTS

Rate Type	Change	Ratio	Current Initial	Current Maintenance	New Initial	New Maintenance
Inter-commodity Spread Rates						
WTI CALENDAR SWAP FUTURES (NY-CS - CME) vs HEATING OIL CALENDAR SWAP FUTURES (NY-MP - CME)						
Spread Credit Rate	Increase	+1:-1	77%	77%	82%	82%
Spread Credit Rate	Increase	+1:-1	68%	68%	75%	75%
WTI CALENDAR SWAP FUTURES (NY-CS - CME) vs NEW YORK HARBOR NO. 2 HEATING OIL FUTURES (NY-HO - CME)						
Spread Credit Rate	Increase	+1:-1	77%	77%	82%	82%
Spread Credit Rate	Increase	+1:-1	70%	70%	75%	75%
WTI CALENDAR SWAP FUTURES (NY-CS - CME) vs RBOB GASOLINE FINANCIAL FUTURES (NY-RT - CME)						
Spread Credit Rate	Increase	+1:-1	70%	70%	77%	77%