



20-236

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

FROM: CME Clearing

SUBJECT: Performance Bond Requirements

DATE: Thursday, June 11, 2020

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. Please email any questions to Clearing.RiskManagement@cmegroup.com

The rates will be effective after the close of business on

Friday, June 12, 2020.

Current rates as of:

Thursday, June 11, 2020.

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

AGRICULTURE - Outright Rates

ROUGH RICE FUTURES (14)

14	Spec	Month 1	Increase	USD	2,530	2,300	3,300	3,000
14	Hedge/Member	Month 1	Increase	USD	2,300	2,300	3,000	3,000

CRUDE OIL - Outright Rates

DUBAI CRUDE OIL CALENDAR FUT (DC)

DC	Spec	Mnth 2	Decrease	USD	7,260	6,600	6,710	6,100
DC	Hedge/Member	Mnth 2	Decrease	USD	6,600	6,600	6,100	6,100
DC	Spec	Mnth9+	Decrease	USD	5,500	5,000	4,950	4,500
DC	Hedge/Member	Mnth9+	Decrease	USD	5,000	5,000	4,500	4,500

MINI DUBAI CRUDE OIL (PLATTS) FUT (DBL)

DBL	Spec	Mnth 2	Decrease	USD	726	660	671	610
DBL	Hedge/Member	Mnth 2	Decrease	USD	660	660	610	610
DBL	Spec	Mnth9+	Decrease	USD	550	500	495	450
DBL	Hedge/Member	Mnth9+	Decrease	USD	500	500	450	450

CRUDE OIL SPREADS - Outright Rates

ICE BRENT DUBAI FUT (DB)

DB	Spec	Mnth 1	Decrease	USD	2,035	1,850	1,815	1,650
DB	Hedge/Member	Mnth 1	Decrease	USD	1,850	1,850	1,650	1,650
DB	Spec	Mnth 2	Decrease	USD	2,035	1,850	1,815	1,650
DB	Hedge/Member	Mnth 2	Decrease	USD	1,850	1,850	1,650	1,650
DB	Spec	Mnths 3-8	Decrease	USD	1,540	1,400	1,155	1,050
DB	Hedge/Member	Mnths 3-8	Decrease	USD	1,400	1,400	1,050	1,050
DB	Spec	Mnths 9+	Decrease	USD	902	820	715	650
DB	Hedge/Member	Mnths 9+	Decrease	USD	820	820	650	650

SPAN MINIMUM PERFORMANCE BOND REQUIREMENTS

CC	Rate Type	Description	Change	ISO	Current Initial	Current Maintenance	New Initial	New Maintenance
Outright Rates								
DME Products - Outright Rates								
BRENT CRUDE VS DUBAI CRUDE (DBI)								
DBI	Spec	Mnth 1	Decrease	USD	2,035	1,850	1,815	1,650
DBI	Hedge/Member	Mnth 1	Decrease	USD	1,850	1,850	1,650	1,650
DBI	Spec	Mnth 2	Decrease	USD	2,035	1,850	1,815	1,650
DBI	Hedge/Member	Mnth 2	Decrease	USD	1,850	1,850	1,650	1,650
DBI	Spec	Mnths 3-8	Decrease	USD	1,540	1,400	1,155	1,050
DBI	Hedge/Member	Mnths 3-8	Decrease	USD	1,400	1,400	1,050	1,050
DBI	Spec	Mnths 9+	Decrease	USD	902	820	715	650
DBI	Hedge/Member	Mnths 9+	Decrease	USD	820	820	650	650
DME OMAN CRUDE OIL (OQ)								
OQ	Spec	Mnth 9+	Decrease	USD	5,500	5,000	4,950	4,500
OQ	Hedge/Member	Mnth 9+	Decrease	USD	5,000	5,000	4,500	4,500
DUBAI CRUDE OIL (PLATTS) (DCD)								
DCD	Spec	Mnths 2	Decrease	USD	7,260	6,600	6,710	6,100
DCD	Hedge/Member	Mnths 2	Decrease	USD	6,600	6,600	6,100	6,100
DCD	Spec	Mnths 9+	Decrease	USD	5,500	5,000	4,950	4,500
DCD	Hedge/Member	Mnths 9+	Decrease	USD	5,000	5,000	4,500	4,500
DUBAI CRUDE OIL(S&PPLATTS) FUT TAPS (DCT)								
DCT	Spec	Mnths 2	Decrease	USD	7,260	6,600	6,710	6,100
DCT	Hedge/Member	Mnths 2	Decrease	USD	6,600	6,600	6,100	6,100
DCT	Spec	Mnths 9+	Decrease	USD	5,500	5,000	4,950	4,500
DCT	Hedge/Member	Mnths 9+	Decrease	USD	5,000	5,000	4,500	4,500
DUBAI CRUDEOIL S&PPLATTS MTH MARKER (DM1)								
DM1	Spec	Mnths 2	Decrease	USD	7,260	6,600	6,710	6,100
DM1	Hedge/Member	Mnths 2	Decrease	USD	6,600	6,600	6,100	6,100
DM1	Spec	Mnths 9+	Decrease	USD	5,500	5,000	4,950	4,500
DM1	Hedge/Member	Mnths 9+	Decrease	USD	5,000	5,000	4,500	4,500
OMAN CRUDE FINANCIAL (ZG)								
ZG	Spec	Mnth 9+	Decrease	USD	5,500	5,000	4,950	4,500
ZG	Hedge/Member	Mnth 9+	Decrease	USD	5,000	5,000	4,500	4,500
OMAN CRUDE OIL TAM FUT (OQB)								
OQB	Spec	Mnth 9+	Decrease	USD	5,500	5,000	4,950	4,500
OQB	Hedge/Member	Mnth 9+	Decrease	USD	5,000	5,000	4,500	4,500
OMAN CRUDE OIL TAM MARKER SYN (OQ1)								
OQ1	Spec	Mnth 9+	Decrease	USD	5,500	5,000	4,950	4,500
OQ1	Hedge/Member	Mnth 9+	Decrease	USD	5,000	5,000	4,500	4,500

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

SINGAPORE FUEL OIL 380CST PLATT FUT (DSE)

DSE	Spec	Mnth 1	Decrease	USD	55,000	50,000	44,000	40,000
DSE	Hedge/Member	Mnth 1	Decrease	USD	50,000	50,000	40,000	40,000
DSE	Spec	Mnths 2	Decrease	USD	45,100	41,000	34,100	31,000
DSE	Hedge/Member	Mnths 2	Decrease	USD	41,000	41,000	31,000	31,000
DSE	Spec	Mnths 3-13	Decrease	USD	39,600	36,000	30,800	28,000
DSE	Hedge/Member	Mnths 3-13	Decrease	USD	36,000	36,000	28,000	28,000
DSE	Spec	Months 14+	Decrease	USD	34,100	31,000	28,600	26,000
DSE	Hedge/Member	Months 14+	Decrease	USD	31,000	31,000	26,000	26,000

METALS - Outright Rates

ALUMINUM MW TRANS PREM PLATTS FUT (AUP)

AUP	Spec	Mth 1	Increase	USD	798	725	880	800
AUP	Hedge/Member	Mth 1	Increase	USD	725	725	800	800
AUP	Spec	Mths 2-12	Increase	USD	798	725	880	800
AUP	Hedge/Member	Mths 2-12	Increase	USD	725	725	800	800
AUP	Spec	Mths 13-21	Increase	USD	798	725	880	800
AUP	Hedge/Member	Mths 13-21	Increase	USD	725	725	800	800
AUP	Spec	22+	Increase	USD	798	725	880	800
AUP	Hedge/Member	22+	Increase	USD	725	725	800	800

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% FOIL(PLTS) CARGOES FOB NWE CRACK (FVB)								
FVB	Spec	Mnth 1	Decrease	USD	22,003	20,003	18,860	17,145
FVB	Hedge/Member	Mnth 1	Decrease	USD	20,003	20,003	17,145	17,145
FVB	Spec	Mnth 2	Decrease	USD	22,003	20,003	18,860	17,145
FVB	Hedge/Member	Mnth 2	Decrease	USD	20,003	20,003	17,145	17,145
FVB	Spec	Mnths 3+	Decrease	USD	22,003	20,003	18,860	17,145
FVB	Hedge/Member	Mnths 3+	Decrease	USD	20,003	20,003	17,145	17,145
CHI ULSD (PLATTS) VS. NY HRBR ULSD (5C)								
5C	Spec	Mnth 1	Decrease	USD	3,410	3,100	2,860	2,600
5C	Hedge/Member	Mnth 1	Decrease	USD	3,100	3,100	2,600	2,600
5C	Spec	Mnths 2-6	Decrease	USD	3,410	3,100	2,860	2,600
5C	Hedge/Member	Mnths 2-6	Decrease	USD	3,100	3,100	2,600	2,600
E/W NAPHTHA JAPAN CF VS CRGOES CIF (EWN)								
EWN	Spec	Mnth 1	Decrease	USD	13,200	12,000	10,560	9,600
EWN	Hedge/Member	Mnth 1	Decrease	USD	12,000	12,000	9,600	9,600
EWN	Spec	Mnths 2-4	Decrease	USD	12,650	11,500	10,120	9,200
EWN	Hedge/Member	Mnths 2-4	Decrease	USD	11,500	11,500	9,200	9,200
EWN	Spec	Mnths 5-9	Decrease	USD	9,900	9,000	8,250	7,500
EWN	Hedge/Member	Mnths 5-9	Decrease	USD	9,000	9,000	7,500	7,500
EUR DIESEL10PPM BRGS FOB ARA(PLATTS (ET)								
ET	Spec	Mnths 1	Decrease	USD	5,720	5,200	3,960	3,600
ET	Hedge/Member	Mnths 1	Decrease	USD	5,200	5,200	3,600	3,600
ET	Spec	Mnth 3	Decrease	USD	4,950	4,500	3,300	3,000
ET	Hedge/Member	Mnth 3	Decrease	USD	4,500	4,500	3,000	3,000
ET	Spec	Mnth 2	Decrease	USD	5,720	5,200	3,960	3,600
ET	Hedge/Member	Mnth 2	Decrease	USD	5,200	5,200	3,600	3,600
ET	Spec	Mnths 4+	Decrease	USD	3,630	3,300	2,200	2,000
ET	Hedge/Member	Mnths 4+	Decrease	USD	3,300	3,300	2,000	2,000
EURO PPNE CIFARG VS NAPHTHA NWE FU (EPN)								
EPN	Spec	Mnth 1	Decrease	USD	29,700	27,000	24,750	22,500
EPN	Hedge/Member	Mnth 1	Decrease	USD	27,000	27,000	22,500	22,500
EPN	Spec	Mnth 2	Decrease	USD	29,700	27,000	24,750	22,500
EPN	Hedge/Member	Mnth 2	Decrease	USD	27,000	27,000	22,500	22,500
EPN	Spec	Mnths 3-6	Decrease	USD	29,150	26,500	23,100	21,000
EPN	Hedge/Member	Mnths 3-6	Decrease	USD	26,500	26,500	21,000	21,000
EPN	Spec	Months 7+	Decrease	USD	20,350	18,500	15,400	14,000
EPN	Hedge/Member	Months 7+	Decrease	USD	18,500	18,500	14,000	14,000

SPAN MINIMUM PERFORMANCE BOND REQUIREMENTS

CC	Rate Type	Description	Change	ISO	Current Initial	Current Maintenance	New Initial	New Maintenance
Outright Rates								
FUEL OIL NWE CRACK VS. ICE (FI)								
FI	Spec	Mnth 1	Decrease	USD	3,465	3,150	2,970	2,700
FI	Hedge/Member	Mnth 1	Decrease	USD	3,150	3,150	2,700	2,700
FI	Spec	Mnth 2	Decrease	USD	3,465	3,150	2,970	2,700
FI	Hedge/Member	Mnth 2	Decrease	USD	3,150	3,150	2,700	2,700
FI	Spec	Mnths 3+	Decrease	USD	3,465	3,150	2,970	2,700
FI	Hedge/Member	Mnths 3+	Decrease	USD	3,150	3,150	2,700	2,700
FUELOIL FUT:CARGOES VS.BARGES (FS)								
FS	Spec	Mnth 1	Decrease	USD	28,600	26,000	20,900	19,000
FS	Hedge/Member	Mnth 1	Decrease	USD	26,000	26,000	19,000	19,000
FS	Spec	Mnth 2	Decrease	USD	28,600	26,000	20,900	19,000
FS	Hedge/Member	Mnth 2	Decrease	USD	26,000	26,000	19,000	19,000
FS	Spec	Mnths 3-8	Decrease	USD	23,100	21,000	16,500	15,000
FS	Hedge/Member	Mnths 3-8	Decrease	USD	21,000	21,000	15,000	15,000
FS	Spec	Mnths 9-11	Decrease	USD	22,110	20,100	15,400	14,000
FS	Hedge/Member	Mnths 9-11	Decrease	USD	20,100	20,100	14,000	14,000
FS	Spec	Mnths 12+	Decrease	USD	19,250	17,500	13,200	12,000
FS	Hedge/Member	Mnths 12+	Decrease	USD	17,500	17,500	12,000	12,000
GLFCST JET PLATTS UP/DN FUT (ME)								
ME	Spec	Mnth 1	Decrease	USD	2,860	2,600	2,310	2,100
ME	Hedge/Member	Mnth 1	Decrease	USD	2,600	2,600	2,100	2,100
ME	Spec	Mnth 2	Decrease	USD	2,860	2,600	2,310	2,100
ME	Hedge/Member	Mnth 2	Decrease	USD	2,600	2,600	2,100	2,100
ME	Spec	Mnths 3-5	Decrease	USD	2,420	2,200	2,090	1,900
ME	Hedge/Member	Mnths 3-5	Decrease	USD	2,200	2,200	1,900	1,900
ME	Spec	Mnths 6-10	Decrease	USD	1,980	1,800	1,650	1,500
ME	Hedge/Member	Mnths 6-10	Decrease	USD	1,800	1,800	1,500	1,500
ME	Spec	Mnths 11+	Decrease	USD	1,562	1,420	1,320	1,200
ME	Hedge/Member	Mnths 11+	Decrease	USD	1,420	1,420	1,200	1,200
GRP THREE SUB-OCT GS (PLT) VS RBOB (A8)								
A8	Spec	Mnth 1	Decrease	USD	4,180	3,800	3,410	3,100
A8	Hedge/Member	Mnth 1	Decrease	USD	3,800	3,800	3,100	3,100
A8	Spec	Mnth 2	Decrease	USD	4,015	3,650	2,970	2,700
A8	Hedge/Member	Mnth 2	Decrease	USD	3,650	3,650	2,700	2,700
A8	Spec	Mnths 3+	Decrease	USD	3,630	3,300	2,530	2,300
A8	Hedge/Member	Mnths 3+	Decrease	USD	3,300	3,300	2,300	2,300

SPAN MINIMUM PERFORMANCE BOND REQUIREMENTS

CC	Rate Type	Description	Change	ISO	Current Initial	Current Maintenance	New Initial	New Maintenance
Outright Rates								
GULF COAST CBOB GAS A2 VS RBOB SRRD (CRB)								
CRB	Spec	Mnth 1	Decrease	USD	1,925	1,750	1,650	1,500
CRB	Hedge/Member	Mnth 1	Decrease	USD	1,750	1,750	1,500	1,500
CRB	Spec	Mnth 2	Decrease	USD	1,375	1,250	1,210	1,100
CRB	Hedge/Member	Mnth 2	Decrease	USD	1,250	1,250	1,100	1,100
CRB	Spec	Mnths 3+	Decrease	USD	1,320	1,200	1,100	1,000
CRB	Hedge/Member	Mnths 3+	Decrease	USD	1,200	1,200	1,000	1,000
LA CARBD (OPIS) VS. NY HRBR ULSD (KL)								
KL	Spec	Mnth 1	Decrease	USD	7,700	7,000	6,050	5,500
KL	Hedge/Member	Mnth 1	Decrease	USD	7,000	7,000	5,500	5,500
KL	Spec	Mnth 2	Decrease	USD	7,480	6,800	5,830	5,300
KL	Hedge/Member	Mnth 2	Decrease	USD	6,800	6,800	5,300	5,300
KL	Spec	Mnths 3+	Decrease	USD	7,480	6,800	5,830	5,300
KL	Hedge/Member	Mnths 3+	Decrease	USD	6,800	6,800	5,300	5,300
LA CARBOB GASOLINE(OPIS)FUT (JL)								
JL	Spec	Mths 3+	Decrease	USD	6,050	5,500	4,180	3,800
JL	Hedge/Member	Mths 3+	Decrease	USD	5,500	5,500	3,800	3,800
MINI 1% FUEL OIL CARGO CRACK (MNS)								
MNS	Spec	Mnth 1	Decrease	USD	2,200	2,000	1,886	1,715
MNS	Hedge/Member	Mnth 1	Decrease	USD	2,000	2,000	1,715	1,715
MNS	Spec	Mnth 2	Decrease	USD	2,200	2,000	1,886	1,715
MNS	Hedge/Member	Mnth 2	Decrease	USD	2,000	2,000	1,715	1,715
MNS	Spec	Mnths 3+	Decrease	USD	2,200	2,000	1,886	1,715
MNS	Hedge/Member	Mnths 3+	Decrease	USD	2,000	2,000	1,715	1,715
MINIEURDIESEL10 PPM BRGS ARA(P)VS.L (MUD)								
MUD	Spec	Mnths 1	Decrease	USD	572	520	396	360
MUD	Hedge/Member	Mnths 1	Decrease	USD	520	520	360	360
MUD	Spec	Mnth 3	Decrease	USD	495	450	330	300
MUD	Hedge/Member	Mnth 3	Decrease	USD	450	450	300	300
MUD	Spec	Mnth 2	Decrease	USD	572	520	396	360
MUD	Hedge/Member	Mnth 2	Decrease	USD	520	520	360	360
MUD	Spec	Mnths 4+	Decrease	USD	363	330	220	200
MUD	Hedge/Member	Mnths 4+	Decrease	USD	330	330	200	200

SPAN MINIMUM PERFORMANCE BOND REQUIREMENTS

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

NY ULSD VS. NY HRBR ULSD FUT (7Y)

7Y	Spec	Mnth 1	Decrease	USD	1,430	1,300	1,210	1,100
7Y	Hedge/Member	Mnth 1	Decrease	USD	1,300	1,300	1,100	1,100
7Y	Spec	Mnth 2	Decrease	USD	1,375	1,250	1,155	1,050
7Y	Hedge/Member	Mnth 2	Decrease	USD	1,250	1,250	1,050	1,050
7Y	Spec	Mnths 3+	Decrease	USD	1,348	1,225	1,100	1,000
7Y	Hedge/Member	Mnths 3+	Decrease	USD	1,225	1,225	1,000	1,000

NY1%FO V. GULF COAST HSFO FUT (VR)

VR	Spec	Mnth 1	Decrease	USD	4,400	4,000	2,970	2,700
VR	Hedge/Member	Mnth 1	Decrease	USD	4,000	4,000	2,700	2,700
VR	Spec	Mnths 2	Decrease	USD	3,960	3,600	2,640	2,400
VR	Hedge/Member	Mnths 2	Decrease	USD	3,600	3,600	2,400	2,400
VR	Spec	Mnths 3-12	Decrease	USD	2,640	2,400	1,980	1,800
VR	Hedge/Member	Mnths 3-12	Decrease	USD	2,400	2,400	1,800	1,800
VR	Spec	Months 13+	Decrease	USD	1,925	1,750	1,760	1,600
VR	Hedge/Member	Months 13+	Decrease	USD	1,750	1,750	1,600	1,600

SINGAPORE FUEL OIL SPREAD FUT (SD)

SD	Spec	Mnth 2	Decrease	USD	5,720	5,200	4,510	4,100
SD	Hedge/Member	Mnth 2	Decrease	USD	5,200	5,200	4,100	4,100
SD	Spec	Mnths 3-6	Decrease	USD	4,290	3,900	3,080	2,800
SD	Hedge/Member	Mnths 3-6	Decrease	USD	3,900	3,900	2,800	2,800
SD	Spec	Mnths 7+	Decrease	USD	2,420	2,200	1,870	1,700
SD	Hedge/Member	Mnths 7+	Decrease	USD	2,200	2,200	1,700	1,700

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								
EIA FLAT TAX ONHWAY DIESEL FUT (A5)								
A5	Spec	Mnths 2-6	Decrease	USD	8,470	7,700	6,820	6,200
A5	Hedge/Member	Mnths 2-6	Decrease	USD	7,700	7,700	6,200	6,200
A5	Spec	Mnths 7+	Decrease	USD	7,920	7,200	6,600	6,000
A5	Hedge/Member	Mnths 7+	Decrease	USD	7,200	7,200	6,000	6,000
EIA FLAT TAX US RETAIL GASOLINE FUT (JE)								
JE	Spec	Month 1	Decrease	USD	13,200	12,000	11,000	10,000
JE	Hedge/Member	Month 1	Decrease	USD	12,000	12,000	10,000	10,000
JE	Spec	Mths 2-7	Decrease	USD	13,200	12,000	11,000	10,000
JE	Hedge/Member	Mths 2-7	Decrease	USD	12,000	12,000	10,000	10,000
JE	Spec	Mths 8+	Decrease	USD	8,800	8,000	7,150	6,500
JE	Hedge/Member	Mths 8+	Decrease	USD	8,000	8,000	6,500	6,500
EUR 0.5% VS. EUR 3.5% (R53)								
R53	Spec	Month 3+	Decrease	USD	27,500	25,000	24,750	22,500
R53	Hedge/Member	Month 3+	Decrease	USD	25,000	25,000	22,500	22,500
EUROPE 3.5% FUEL OIL RDM CALFUT (UV)								
UV	Spec	Mths 1	Decrease	USD	41,800	38,000	35,200	32,000
UV	Hedge/Member	Mths 1	Decrease	USD	38,000	38,000	32,000	32,000
UV	Spec	Mnths 2	Decrease	USD	39,050	35,500	31,900	29,000
UV	Hedge/Member	Mnths 2	Decrease	USD	35,500	35,500	29,000	29,000
UV	Spec	Mnths 3-10	Decrease	USD	35,750	32,500	28,600	26,000
UV	Hedge/Member	Mnths 3-10	Decrease	USD	32,500	32,500	26,000	26,000
UV	Spec	Mnths 11+	Decrease	USD	31,900	29,000	24,750	22,500
UV	Hedge/Member	Mnths 11+	Decrease	USD	29,000	29,000	22,500	22,500
EUROPE NAPHTHA CALFUT (UN)								
UN	Spec	Mths 1	Decrease	USD	52,800	48,000	46,200	42,000
UN	Hedge/Member	Mths 1	Decrease	USD	48,000	48,000	42,000	42,000
UN	Spec	Mths 2-6	Decrease	USD	52,800	48,000	46,200	42,000
UN	Hedge/Member	Mths 2-6	Decrease	USD	48,000	48,000	42,000	42,000
UN	Spec	Mnths 7+	Decrease	USD	51,480	46,800	41,800	38,000
UN	Hedge/Member	Mnths 7+	Decrease	USD	46,800	46,800	38,000	38,000
EUROPEAN FOB RDM MARINE FUEL 0.5% (R5F)								
R5F	Spec	Month 1	Decrease	USD	58,300	53,000	52,800	48,000
R5F	Hedge/Member	Month 1	Decrease	USD	53,000	53,000	48,000	48,000
R5F	Spec	Month 2	Decrease	USD	55,000	50,000	49,500	45,000
R5F	Hedge/Member	Month 2	Decrease	USD	50,000	50,000	45,000	45,000

SPAN MINIMUM PERFORMANCE BOND REQUIREMENTS

CC	Rate Type	Description	Change	ISO	Current Initial	Current Maintenance	New Initial	New Maintenance
Outright Rates								
GAS EURO-BOB OXY (ARG) NEW BRG (7H)								
7H	Spec	Mnth 1	Decrease	USD	69,300	63,000	61,600	56,000
7H	Hedge/Member	Mnth 1	Decrease	USD	63,000	63,000	56,000	56,000
7H	Spec	Mnths 2-6	Decrease	USD	67,100	61,000	59,400	54,000
7H	Hedge/Member	Mnths 2-6	Decrease	USD	61,000	61,000	54,000	54,000
7H	Spec	Mnths 7-12	Decrease	USD	55,110	50,100	45,100	41,000
7H	Hedge/Member	Mnths 7-12	Decrease	USD	50,100	50,100	41,000	41,000
7H	Spec	Mnths 13+	Decrease	USD	51,480	46,800	38,500	35,000
7H	Hedge/Member	Mnths 13+	Decrease	USD	46,800	46,800	35,000	35,000
GULF COAST HSFO (PLATTS) FUTURES (MF)								
MF	Spec	Mnth 1	Decrease	USD	6,875	6,250	5,500	5,000
MF	Hedge/Member	Mnth 1	Decrease	USD	6,250	6,250	5,000	5,000
MF	Spec	Mnths 2-6	Decrease	USD	5,775	5,250	4,730	4,300
MF	Hedge/Member	Mnths 2-6	Decrease	USD	5,250	5,250	4,300	4,300
MF	Spec	Mnths 7-24	Decrease	USD	5,500	5,000	4,180	3,800
MF	Hedge/Member	Mnths 7-24	Decrease	USD	5,000	5,000	3,800	3,800
MF	Spec	Mnths 25+	Decrease	USD	4,620	4,200	3,300	3,000
MF	Hedge/Member	Mnths 25+	Decrease	USD	4,200	4,200	3,000	3,000
GULF COAST ULSD CALENDAR FUT (LY)								
LY	Spec	Mnth 1	Decrease	USD	7,480	6,800	5,720	5,200
LY	Hedge/Member	Mnth 1	Decrease	USD	6,800	6,800	5,200	5,200
LY	Spec	Mnths 2-6	Decrease	USD	7,480	6,800	5,720	5,200
LY	Hedge/Member	Mnths 2-6	Decrease	USD	6,800	6,800	5,200	5,200
LY	Spec	Mnths 7-12	Decrease	USD	6,490	5,900	4,950	4,500
LY	Hedge/Member	Mnths 7-12	Decrease	USD	5,900	5,900	4,500	4,500
LY	Spec	Mnths 13+	Decrease	USD	5,720	5,200	4,510	4,100
LY	Hedge/Member	Mnths 13+	Decrease	USD	5,200	5,200	4,100	4,100
JAPAN C&F NAPHTHA FUT (JA)								
JA	Spec	Mnth 1	Decrease	USD	51,700	47,000	42,900	39,000
JA	Hedge/Member	Mnth 1	Decrease	USD	47,000	47,000	39,000	39,000
JA	Spec	Mnths 2-6	Decrease	USD	51,700	47,000	42,900	39,000
JA	Hedge/Member	Mnths 2-6	Decrease	USD	47,000	47,000	39,000	39,000
JA	Spec	Mnths 7+	Decrease	USD	49,500	45,000	38,500	35,000
JA	Hedge/Member	Mnths 7+	Decrease	USD	45,000	45,000	35,000	35,000

SPAN MINIMUM PERFORMANCE BOND REQUIREMENTS

CC	Rate Type	Description	Change	ISO	Current Initial	Current Maintenance	New Initial	New Maintenance
Outright Rates								
MICRO EURO MARINE 0.5% FO BARGES (R5O)								
R5O	Spec	Month 1	Decrease	USD	583	530	528	480
R5O	Hedge/Member	Month 1	Decrease	USD	530	530	480	480
R5O	Spec	Month 2	Decrease	USD	550	500	495	450
R5O	Hedge/Member	Month 2	Decrease	USD	500	500	450	450
MICRO EUROPEAN 3.5% FUEL OIL BARGES (MEF)								
MEF	Spec	Mths 1	Decrease	USD	418	380	352	320
MEF	Hedge/Member	Mths 1	Decrease	USD	380	380	320	320
MEF	Spec	Mnths 2	Decrease	USD	391	355	319	290
MEF	Hedge/Member	Mnths 2	Decrease	USD	355	355	290	290
MEF	Spec	Mnths 3-10	Decrease	USD	358	325	286	260
MEF	Hedge/Member	Mnths 3-10	Decrease	USD	325	325	260	260
MEF	Spec	Mnths 11+	Decrease	USD	319	290	248	225
MEF	Hedge/Member	Mnths 11+	Decrease	USD	290	290	225	225
MICRO SINGAPORE FUEL OIL 380CST (PL (MAF)								
MAF	Spec	Mnth 1	Decrease	USD	550	500	440	400
MAF	Hedge/Member	Mnth 1	Decrease	USD	500	500	400	400
MAF	Spec	Mnths 2	Decrease	USD	451	410	341	310
MAF	Hedge/Member	Mnths 2	Decrease	USD	410	410	310	310
MAF	Spec	Mnths 3-13	Decrease	USD	396	360	308	280
MAF	Hedge/Member	Mnths 3-13	Decrease	USD	360	360	280	280
MAF	Spec	Mnths 14+	Decrease	USD	341	310	286	260
MAF	Hedge/Member	Mnths 14+	Decrease	USD	310	310	260	260
MIN EURO NPHTHA CIF NWE FUT (MNC)								
MNC	Spec	Mths 1	Decrease	USD	5,280	4,800	4,620	4,200
MNC	Hedge/Member	Mths 1	Decrease	USD	4,800	4,800	4,200	4,200
MNC	Spec	Mths 2-6	Decrease	USD	5,280	4,800	4,620	4,200
MNC	Hedge/Member	Mths 2-6	Decrease	USD	4,800	4,800	4,200	4,200
MNC	Spec	Mnths 7+	Decrease	USD	5,148	4,680	4,180	3,800
MNC	Hedge/Member	Mnths 7+	Decrease	USD	4,680	4,680	3,800	3,800
MIN JAPAN C&F NAPHTHA PLATTS FUT (MJN)								
MJN	Spec	Mnth 1	Decrease	USD	5,170	4,700	4,290	3,900
MJN	Hedge/Member	Mnth 1	Decrease	USD	4,700	4,700	3,900	3,900
MJN	Spec	Mnths 2-6	Decrease	USD	5,170	4,700	4,290	3,900
MJN	Hedge/Member	Mnths 2-6	Decrease	USD	4,700	4,700	3,900	3,900
MJN	Spec	Mnths 7+	Decrease	USD	4,950	4,500	3,850	3,500
MJN	Hedge/Member	Mnths 7+	Decrease	USD	4,500	4,500	3,500	3,500

SPAN MINIMUM PERFORMANCE BOND REQUIREMENTS

CC	Rate Type	Description	Change	ISO	Current Initial	Current Maintenance	New Initial	New Maintenance
Outright Rates								
MINI EURO 3.5% FUEL OIL FOB RDM FUT (0D)								
0D	Spec	Mths 1	Decrease	USD	4,180	3,800	3,520	3,200
0D	Hedge/Member	Mths 1	Decrease	USD	3,800	3,800	3,200	3,200
0D	Spec	Mnths 2	Decrease	USD	3,905	3,550	3,190	2,900
0D	Hedge/Member	Mnths 2	Decrease	USD	3,550	3,550	2,900	2,900
0D	Spec	Mnths 3-10	Decrease	USD	3,575	3,250	2,860	2,600
0D	Hedge/Member	Mnths 3-10	Decrease	USD	3,250	3,250	2,600	2,600
0D	Spec	Mnths 11+	Decrease	USD	3,190	2,900	2,475	2,250
0D	Hedge/Member	Mnths 11+	Decrease	USD	2,900	2,900	2,250	2,250
MINI EUROPEAN FOB RDAM MARINE FUEL (R5M)								
R5M	Spec	Month 1	Decrease	USD	5,830	5,300	5,280	4,800
R5M	Hedge/Member	Month 1	Decrease	USD	5,300	5,300	4,800	4,800
R5M	Spec	Month 2	Decrease	USD	5,500	5,000	4,950	4,500
R5M	Hedge/Member	Month 2	Decrease	USD	5,000	5,000	4,500	4,500
MINI GAS EUROBOB OXY BARGES FUT (MEO)								
MEO	Spec	Mnth 1	Decrease	USD	69,300	63,000	61,600	56,000
MEO	Hedge/Member	Mnth 1	Decrease	USD	63,000	63,000	56,000	56,000
MEO	Spec	Mnths 2-6	Decrease	USD	67,100	61,000	59,400	54,000
MEO	Hedge/Member	Mnths 2-6	Decrease	USD	61,000	61,000	54,000	54,000
MEO	Spec	Mnths 7-12	Decrease	USD	55,110	50,100	45,100	41,000
MEO	Hedge/Member	Mnths 7-12	Decrease	USD	50,100	50,100	41,000	41,000
MEO	Spec	Mnths 13+	Decrease	USD	51,480	46,800	38,500	35,000
MEO	Hedge/Member	Mnths 13+	Decrease	USD	46,800	46,800	35,000	35,000
MINI SINGAPORE 380CST FUEL OIL FUT (MTS)								
MTS	Spec	Mnth 1	Decrease	USD	5,500	5,000	4,400	4,000
MTS	Hedge/Member	Mnth 1	Decrease	USD	5,000	5,000	4,000	4,000
MTS	Spec	Mnths 2	Decrease	USD	4,510	4,100	3,410	3,100
MTS	Hedge/Member	Mnths 2	Decrease	USD	4,100	4,100	3,100	3,100
MTS	Spec	Mnths 3-13	Decrease	USD	3,960	3,600	3,080	2,800
MTS	Hedge/Member	Mnths 3-13	Decrease	USD	3,600	3,600	2,800	2,800
MTS	Spec	Mnths 14+	Decrease	USD	3,410	3,100	2,860	2,600
MTS	Hedge/Member	Mnths 14+	Decrease	USD	3,100	3,100	2,600	2,600
MINI SINGAPORE FOB MAR FUEL 0.5% (P (SBM)								
SBM	Spec		Increase	USD	4,125	3,750	4,950	4,500
SBM	Hedge/Member		Increase	USD	3,750	3,750	4,500	4,500

SPAN MINIMUM PERFORMANCE BOND REQUIREMENTS

CC	Rate Type	Description	Change	ISO	Current Initial	Current Maintenance	New Initial	New Maintenance
Outright Rates								
MINI SINGAPORE GASOIL PLATS FUTURES (MSG)								
MSG	Spec	Mnth 1	Decrease	USD	743	675	605	550
MSG	Hedge/Member	Mnth 1	Decrease	USD	675	675	550	550
MSG	Spec	Mnths 2-6	Decrease	USD	715	650	583	530
MSG	Hedge/Member	Mnths 2-6	Decrease	USD	650	650	530	530
MSG	Spec	Mnths 7+	Decrease	USD	660	600	528	480
MSG	Hedge/Member	Mnths 7+	Decrease	USD	600	600	480	480
MINI SINGP FUEL OIL 180CST FUTURES (OF)								
OF	Spec	Mnth 1	Decrease	USD	5,500	5,000	4,400	4,000
OF	Hedge/Member	Mnth 1	Decrease	USD	5,000	5,000	4,000	4,000
OF	Spec	Mnth 2	Decrease	USD	5,390	4,900	4,290	3,900
OF	Hedge/Member	Mnth 2	Decrease	USD	4,900	4,900	3,900	3,900
OF	Spec	Mnths 3-7	Decrease	USD	4,510	4,100	3,740	3,400
OF	Hedge/Member	Mnths 3-7	Decrease	USD	4,100	4,100	3,400	3,400
OF	Spec	Mnths 8+	Decrease	USD	3,850	3,500	3,080	2,800
OF	Hedge/Member	Mnths 8+	Decrease	USD	3,500	3,500	2,800	2,800
MOGAS92 UNLEADED (PLATTS) FUT (1N)								
1N	Spec	Mnth 2	Decrease	USD	8,910	8,100	7,370	6,700
1N	Hedge/Member	Mnth 2	Decrease	USD	8,100	8,100	6,700	6,700
1N	Spec	Mnth 1	Decrease	USD	7,975	7,250	6,600	6,000
1N	Hedge/Member	Mnth 1	Decrease	USD	7,250	7,250	6,000	6,000
1N	Spec	Mnths 3+	Decrease	USD	7,700	7,000	6,325	5,750
1N	Hedge/Member	Mnths 3+	Decrease	USD	7,000	7,000	5,750	5,750
NY HARBOR RESIDUAL FUEL 1.0% S FUT (MM)								
MM	Spec	Mnth 1	Decrease	USD	7,920	7,200	6,380	5,800
MM	Hedge/Member	Mnth 1	Decrease	USD	7,200	7,200	5,800	5,800
MM	Spec	Mnths 2-6	Decrease	USD	7,920	7,200	6,160	5,600
MM	Hedge/Member	Mnths 2-6	Decrease	USD	7,200	7,200	5,600	5,600
MM	Spec	Mnths 7+	Decrease	USD	7,150	6,500	5,500	5,000
MM	Hedge/Member	Mnths 7+	Decrease	USD	6,500	6,500	5,000	5,000
PREMIUM UNLD 10P FOB MED FUT (3G)								
3G	Spec	Mnth 1	Decrease	USD	81,400	74,000	73,700	67,000
3G	Hedge/Member	Mnth 1	Decrease	USD	74,000	74,000	67,000	67,000
3G	Spec	Mnths 2+	Decrease	USD	73,700	67,000	66,000	60,000
3G	Hedge/Member	Mnths 2+	Decrease	USD	67,000	67,000	60,000	60,000
SING MARINE FUEL 0.5% PLATT BALMO (S5B)								
S5B	Spec		Increase	USD	41,250	37,500	49,500	45,000
S5B	Hedge/Member		Increase	USD	37,500	37,500	45,000	45,000

SPAN MINIMUM PERFORMANCE BOND REQUIREMENTS

CC	Rate Type	Description	Change	ISO	Current Initial	Current Maintenance	New Initial	New Maintenance
Outright Rates								
SINGAPORE 380CST FUEL OIL FUT (SE)								
SE	Spec	Mnth 1	Decrease	USD	55,000	50,000	44,000	40,000
SE	Hedge/Member	Mnth 1	Decrease	USD	50,000	50,000	40,000	40,000
SE	Spec	Mnths 2	Decrease	USD	45,100	41,000	34,100	31,000
SE	Hedge/Member	Mnths 2	Decrease	USD	41,000	41,000	31,000	31,000
SE	Spec	Mnths 3-13	Decrease	USD	39,600	36,000	30,800	28,000
SE	Hedge/Member	Mnths 3-13	Decrease	USD	36,000	36,000	28,000	28,000
SE	Spec	Mnths 14+	Decrease	USD	34,100	31,000	28,600	26,000
SE	Hedge/Member	Mnths 14+	Decrease	USD	31,000	31,000	26,000	26,000
SINGAPORE FUEL 180CST CALFUT (UA)								
UA	Spec	Mnth 1	Decrease	USD	55,000	50,000	44,000	40,000
UA	Hedge/Member	Mnth 1	Decrease	USD	50,000	50,000	40,000	40,000
UA	Spec	Mnth 2	Decrease	USD	53,900	49,000	42,900	39,000
UA	Hedge/Member	Mnth 2	Decrease	USD	49,000	49,000	39,000	39,000
UA	Spec	Mnths 3-7	Decrease	USD	45,100	41,000	37,400	34,000
UA	Hedge/Member	Mnths 3-7	Decrease	USD	41,000	41,000	34,000	34,000
UA	Spec	Mnths 8+	Decrease	USD	38,500	35,000	30,800	28,000
UA	Hedge/Member	Mnths 8+	Decrease	USD	35,000	35,000	28,000	28,000
SINGAPORE GASOIL FUT (SG)								
SG	Spec	Mnth 1	Decrease	USD	7,425	6,750	6,050	5,500
SG	Hedge/Member	Mnth 1	Decrease	USD	6,750	6,750	5,500	5,500
SG	Spec	Mnths 2-6	Decrease	USD	7,150	6,500	5,830	5,300
SG	Hedge/Member	Mnths 2-6	Decrease	USD	6,500	6,500	5,300	5,300
SG	Spec	Mnths 7+	Decrease	USD	6,600	6,000	5,280	4,800
SG	Hedge/Member	Mnths 7+	Decrease	USD	6,000	6,000	4,800	4,800
SYNTHET GULF COAST NO.6 FUEL OIL 3 (SMF)								
SMF	Spec	Mnth 1	Decrease	USD	6,875	6,250	5,500	5,000
SMF	Hedge/Member	Mnth 1	Decrease	USD	6,250	6,250	5,000	5,000
SMF	Spec	Mnths 2-6	Decrease	USD	5,775	5,250	4,730	4,300
SMF	Hedge/Member	Mnths 2-6	Decrease	USD	5,250	5,250	4,300	4,300
SMF	Spec	Mnths 7-24	Decrease	USD	5,500	5,000	4,180	3,800
SMF	Hedge/Member	Mnths 7-24	Decrease	USD	5,000	5,000	3,800	3,800
SMF	Spec	Months 25+	Decrease	USD	4,620	4,200	3,300	3,000
SMF	Hedge/Member	Months 25+	Decrease	USD	4,200	4,200	3,000	3,000

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

SYNTHETIC SINGAPORE GASOIL FUT (SSG)

SSG	Spec	Mnth 1	Decrease	USD	7,425	6,750	6,050	5,500
SSG	Hedge/Member	Mnth 1	Decrease	USD	6,750	6,750	5,500	5,500
SSG	Spec	Mnths 2-6	Decrease	USD	7,150	6,500	5,830	5,300
SSG	Hedge/Member	Mnths 2-6	Decrease	USD	6,500	6,500	5,300	5,300
SSG	Spec	Mnths 7+	Decrease	USD	6,600	6,000	5,280	4,800
SSG	Hedge/Member	Mnths 7+	Decrease	USD	6,000	6,000	4,800	4,800

USGC MARINE FUEL 0.5% (PLATTS) FUT (H5F)

H5F	Spec	Month 1	Decrease	USD	9,350	8,500	8,250	7,500
H5F	Hedge/Member	Month 1	Decrease	USD	8,500	8,500	7,500	7,500
H5F	Spec	Month 2	Decrease	USD	7,150	6,500	6,050	5,500
H5F	Hedge/Member	Month 2	Decrease	USD	6,500	6,500	5,500	5,500
H5F	Spec	Month 3+	Decrease	USD	7,150	6,500	6,050	5,500
H5F	Hedge/Member	Month 3+	Decrease	USD	6,500	6,500	5,500	5,500

USGC MARINE FUEL 0.5% (PLATTS) VS. (H5G)

H5G	Spec	Month 1	Decrease	USD	4,950	4,500	4,510	4,100
H5G	Hedge/Member	Month 1	Decrease	USD	4,500	4,500	4,100	4,100
H5G	Spec	Month 2	Decrease	USD	3,960	3,600	3,630	3,300
H5G	Hedge/Member	Month 2	Decrease	USD	3,600	3,600	3,300	3,300
H5G	Spec	Month 3+	Decrease	USD	3,300	3,000	2,750	2,500
H5G	Hedge/Member	Month 3+	Decrease	USD	3,000	3,000	2,500	2,500

USGC MARINE FUEL 0.5% BARGES (PLATT (UP5))

UP5	Spec	Month 1	Decrease	USD	59,373	53,975	52,388	47,625
UP5	Hedge/Member	Month 1	Decrease	USD	53,975	53,975	47,625	47,625
UP5	Spec	Month 2	Decrease	USD	45,403	41,275	38,418	34,925
UP5	Hedge/Member	Month 2	Decrease	USD	41,275	41,275	34,925	34,925
UP5	Spec	Month 3+	Decrease	USD	45,403	41,275	38,418	34,925
UP5	Hedge/Member	Month 3+	Decrease	USD	41,275	41,275	34,925	34,925

SPAN MINIMUM PERFORMANCE BOND REQUIREMENTS

CC	Rate Type	Description	Change	ISO	Current Initial	Current Maintenance	New Initial	New Maintenance
Intra Spreads								
CRUDE OIL - Intra Spreads								
Month 2 vs 3-8 (DUBAI CRUDE OIL CALENDAR FUT)								
DC	Spec		Increase	USD	2,420	2,200	2,640	2,400
DC	Hedge/Member		Increase	USD	2,200	2,200	2,400	2,400
Month 2 vs 3-8 (MINI DUBAI CRUDE OIL (PLATTS) FUT)								
DBL	Spec		Increase	USD	242	220	264	240
DBL	Hedge/Member		Increase	USD	220	220	240	240
Months 3-8 vs 9+ (DUBAI CRUDE OIL CALENDAR FUT)								
DC	Spec		Decrease	USD	1,650	1,500	1,100	1,000
DC	Hedge/Member		Decrease	USD	1,500	1,500	1,000	1,000
Months 3-8 vs 9+ (MINI DUBAI CRUDE OIL (PLATTS) FUT)								
DBL	Spec		Decrease	USD	165	150	110	100
DBL	Hedge/Member		Decrease	USD	150	150	100	100
Relperiod - consecutives (DUBAI CRUDE OIL CALENDAR FUT)								
DC	Spec		Decrease	USD	853	775	688	625
DC	Hedge/Member		Decrease	USD	775	775	625	625
Relperiod - consecutives (MINI DUBAI CRUDE OIL (PLATTS) FUT)								
DBL	Spec		Decrease	USD	85	78	69	63
DBL	Hedge/Member		Decrease	USD	78	78	63	63

SPAN MINIMUM PERFORMANCE BOND REQUIREMENTS

CC	Rate Type	Description	Change	ISO	Current Initial	Current Maintenance	New Initial	New Maintenance
Intra Spreads								
CRUDE OIL SPREADS - Intra Spreads								
Consecutives 2vs3 (ICE BRENT DUBAI FUT)								
DB	Spec		Decrease	USD	605	550	440	400
DB	Hedge/Member		Decrease	USD	550	550	400	400
Dubai Brent Swap - Mnth 1 vs Mnths 2 (ICE BRENT DUBAI FUT)								
DB	Spec		Decrease	USD	1,320	1,200	880	800
DB	Hedge/Member		Decrease	USD	1,200	1,200	800	800
Dubai Brent Swap - Mnth 1 vs Mnths 3-8 (ICE BRENT DUBAI FUT)								
DB	Spec		Decrease	USD	1,320	1,200	880	800
DB	Hedge/Member		Decrease	USD	1,200	1,200	800	800
Dubai Brent Swap - Mnths 2 vs Mnths 3-8 (ICE BRENT DUBAI FUT)								
DB	Spec		Decrease	USD	1,815	1,650	1,155	1,050
DB	Hedge/Member		Decrease	USD	1,650	1,650	1,050	1,050
Dubai Brent Swap - Mnths 2 vs Mnths 9+ (ICE BRENT DUBAI FUT)								
DB	Spec		Decrease	USD	1,265	1,150	715	650
DB	Hedge/Member		Decrease	USD	1,150	1,150	650	650
Dubai Brent Swap - Mnths 3-8 vs Mnths 9+ (ICE BRENT DUBAI FUT)								
DB	Spec		Decrease	USD	748	680	550	500
DB	Hedge/Member		Decrease	USD	680	680	500	500
Dubai Brent Swap - Mnths 3-8 vs Mnths 3-8 (ICE BRENT DUBAI FUT)								
DB	Spec		Decrease	USD	1,430	1,300	1,100	1,000
DB	Hedge/Member		Decrease	USD	1,300	1,300	1,000	1,000

SPAN MINIMUM PERFORMANCE BOND REQUIREMENTS

CC	Rate Type	Description	Change	ISO	Current Initial	Current Maintenance	New Initial	New Maintenance
Intra Spreads								
DME Products - Intra Spreads								
Months 2-3 vs 9+ (DME OMAN CRUDE OIL)								
OQ	Spec		Decrease	USD	1,980	1,800	1,430	1,300
OQ	Hedge/Member		Decrease	USD	1,800	1,800	1,300	1,300
Months 2-3 vs 9+ (OMAN CRUDE FINANCIAL)								
ZG	Spec		Decrease	USD	1,980	1,800	1,430	1,300
ZG	Hedge/Member		Decrease	USD	1,800	1,800	1,300	1,300
Months 2-3 vs 9+ (OMAN CRUDE OIL TAM FUT)								
OQB	Spec		Decrease	USD	1,980	1,800	1,430	1,300
OQB	Hedge/Member		Decrease	USD	1,800	1,800	1,300	1,300
Months 2-3 vs 9+ (OMAN CRUDE OIL TAM MARKER SYN)								
OQ1	Spec		Decrease	USD	1,980	1,800	1,430	1,300
OQ1	Hedge/Member		Decrease	USD	1,800	1,800	1,300	1,300
Months 4-8 vs 9+ (DME OMAN CRUDE OIL)								
OQ	Spec		Decrease	USD	1,210	1,100	660	600
OQ	Hedge/Member		Decrease	USD	1,100	1,100	600	600
Months 4-8 vs 9+ (OMAN CRUDE FINANCIAL)								
ZG	Spec		Decrease	USD	1,210	1,100	660	600
ZG	Hedge/Member		Decrease	USD	1,100	1,100	600	600
Months 4-8 vs 9+ (OMAN CRUDE OIL TAM FUT)								
OQB	Spec		Decrease	USD	1,210	1,100	660	600
OQB	Hedge/Member		Decrease	USD	1,100	1,100	600	600
Months 4-8 vs 9+ (OMAN CRUDE OIL TAM MARKER SYN)								
OQ1	Spec		Decrease	USD	1,210	1,100	660	600
OQ1	Hedge/Member		Decrease	USD	1,100	1,100	600	600

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

METALS - Intra Spreads

Aluminum MW US Transaction Premium Platts (25MT) Swap Futures - Mths 1-21 vs Mths 1-21 (ALUMINUM MW TRANS PREM PLATTS FUT)

AUP	Spec		Increase	USD	770	700	880	800
AUP	Hedge/Member		Increase	USD	700	700	800	800

Aluminum MW US Transaction Premium Platts (25MT) Swap Futures - Mths 1-21 vs Mths 22+ (ALUMINUM MW TRANS PREM PLATTS FUT)

AUP	Spec		Increase	USD	770	700	880	800
AUP	Hedge/Member		Increase	USD	700	700	800	800

Aluminum MW US Transaction Premium Platts (25MT) Swap Futures - Mths 22+ vs Mths 22+ (ALUMINUM MW TRANS PREM PLATTS FUT)

AUP	Spec		Increase	USD	770	700	880	800
AUP	Hedge/Member		Increase	USD	700	700	800	800

SPAN MINIMUM PERFORMANCE BOND REQUIREMENTS

CC	Rate Type	Description	Change	ISO	Current Initial	Current Maintenance	New Initial	New Maintenance
Intra Spreads								
PETROLEUM CRACKS AND SPREADS - Intra Spreads								
All Months (NY BUCKEYE JET FUEL VS NY HARB ULSD)								
JET	Spec		Decrease	USD	1,980	1,800	1,430	1,300
JET	Hedge/Member		Decrease	USD	1,800	1,800	1,300	1,300
Consecutives 2/3 (GLFCST JET PLATTS UP/DN FUT)								
ME	Spec		Decrease	USD	2,145	1,950	1,540	1,400
ME	Hedge/Member		Decrease	USD	1,950	1,950	1,400	1,400
European 1% Fuel Oil Cargoes FOB MED vs. European 1% Fuel Oil Cargoes FOB NWE Spread (Platts) Swap Futures- All Months (EUR1%FUEL OIL CARG FOB MED V FOBNWE)								
ENS	Spec		Decrease	USD	3,850	3,500	3,080	2,800
ENS	Hedge/Member		Decrease	USD	3,500	3,500	2,800	2,800
European Gasoil 10PPM Rdam Barges v. Gasoil Futures Swap - Months 2+ vs Months 2+ (EUR DIESEL10PPM BRGS FOB ARA(PLATTS))								
ET	Spec		Increase	USD	1,540	1,400	2,200	2,000
ET	Hedge/Member		Increase	USD	1,400	1,400	2,000	2,000
European Gasoil 10PPM Rdam Barges v. Gasoil Futures Swap - Months 2+ vs Months 2+ (MINIEURDIESEL10 PPM BRGS ARA(P)VS.L)								
MUD	Spec		Increase	USD	154	140	220	200
MUD	Hedge/Member		Increase	USD	140	140	200	200
European Jet CIF NWE v. Gasoil Futures Swap - 1-3 vs 4+ (JET CIF NWE VS ICE)								
JC	Spec		Decrease	USD	8,800	8,000	6,600	6,000
JC	Hedge/Member		Decrease	USD	8,000	8,000	6,000	6,000
European Jet CIF NWE v. Gasoil Futures Swap - 1-3 vs 4+ (MIN JETKERO CRGOS CIF NWE VS GASOIL)								
MJC	Spec		Decrease	USD	880	800	660	600
MJC	Hedge/Member		Decrease	USD	800	800	600	600
European Propane CIF ARA (Argus) vs. Naphtha CIF NEW (Platts) Swap Futures - 1 vs 2+ (EURO PPNE CIFARG VS NAPHTHA NWE FU)								
EPN	Spec		Increase	USD	7,700	7,000	8,800	8,000
EPN	Hedge/Member		Increase	USD	7,000	7,000	8,000	8,000
European Propane CIF ARA (Argus) vs. Naphtha CIF NEW (Platts) Swap Futures - consecutives (EURO PPNE CIFARG VS NAPHTHA NWE FU)								
EPN	Spec		Increase	USD	7,150	6,500	7,700	7,000
EPN	Hedge/Member		Increase	USD	6,500	6,500	7,000	7,000
European Propane CIF ARA vs Naphtha CIF NWE - 2+ vs 2+ (EURO PPNE CIFARG VS NAPHTHA NWE FU)								
EPN	Spec		Increase	USD	9,570	8,700	11,000	10,000
EPN	Hedge/Member		Increase	USD	8,700	8,700	10,000	10,000

SPAN MINIMUM PERFORMANCE BOND REQUIREMENTS

CC	Rate Type	Description	Change	ISO	Current Initial	Current Maintenance	New Initial	New Maintenance
Intra Spreads								
GROUP THREE ULSD (PLATTS) VS. HEATING OIL SPREAD S - 6+ vs 6+ (GRP3 ULSD VS NY HRBR ULSD FUT)								
A6	Spec		Decrease	USD	1,045	950	836	760
A6	Hedge/Member		Decrease	USD	950	950	760	760
GROUP THREE UNLEADED GASOLINE (PLATTS) VS. RBOB Spread Swap - All Months (GRP THREE SUB-OCT GS (PLT) VS RBOB)								
A8	Spec		Decrease	USD	3,300	3,000	2,640	2,400
A8	Hedge/Member		Decrease	USD	3,000	3,000	2,400	2,400
Gulf Coast CBOB Gasoline A2 (Platts) vs. RBOB Spread Swap Futures - Tier 1 vs. 2 (GULF COAST CBOB GAS A2 VS RBOB SRRD)								
CRB	Spec		Decrease	USD	1,045	950	825	750
CRB	Hedge/Member		Decrease	USD	950	950	750	750
GULF COAST JET VS. NYMEX #2 HEA (ME) - Mnth 1 vs 11+ (GLFCST JET PLATTS UP/DN FUT)								
ME	Spec		Decrease	USD	1,804	1,640	1,430	1,300
ME	Hedge/Member		Decrease	USD	1,640	1,640	1,300	1,300
GULF COAST JET VS. NYMEX #2 HEA (ME) - Mnth 1 vs 3-5 (GLFCST JET PLATTS UP/DN FUT)								
ME	Spec		Decrease	USD	1,573	1,430	1,320	1,200
ME	Hedge/Member		Decrease	USD	1,430	1,430	1,200	1,200
GULF COAST JET VS. NYMEX #2 HEA (ME) - Mnth 1 vs 6-10 (GLFCST JET PLATTS UP/DN FUT)								
ME	Spec		Decrease	USD	1,617	1,470	1,375	1,250
ME	Hedge/Member		Decrease	USD	1,470	1,470	1,250	1,250
GULF COAST JET VS. NYMEX #2 HEA (ME) - Mnth 2 vs 11+ (GLFCST JET PLATTS UP/DN FUT)								
ME	Spec		Decrease	USD	2,530	2,300	1,540	1,400
ME	Hedge/Member		Decrease	USD	2,300	2,300	1,400	1,400
GULF COAST JET VS. NYMEX #2 HEA (ME) - Mnth 2 vs 3-5 (GLFCST JET PLATTS UP/DN FUT)								
ME	Spec		Decrease	USD	1,870	1,700	1,650	1,500
ME	Hedge/Member		Decrease	USD	1,700	1,700	1,500	1,500
GULF COAST JET VS. NYMEX #2 HEA (ME) - Mnth 2 vs 6-10 (GLFCST JET PLATTS UP/DN FUT)								
ME	Spec		Decrease	USD	2,090	1,900	1,485	1,350
ME	Hedge/Member		Decrease	USD	1,900	1,900	1,350	1,350
GULF COAST JET VS. NYMEX #2 HEA (ME) - Mnth 3-5 vs 11+ (GLFCST JET PLATTS UP/DN FUT)								
ME	Spec		Decrease	USD	2,915	2,650	1,650	1,500
ME	Hedge/Member		Decrease	USD	2,650	2,650	1,500	1,500
GULF COAST JET VS. NYMEX #2 HEA (ME) - Mnths 3-5 vs 3-5 (GLFCST JET PLATTS UP/DN FUT)								
ME	Spec		Decrease	USD	2,420	2,200	1,870	1,700
ME	Hedge/Member		Decrease	USD	2,200	2,200	1,700	1,700

SPAN MINIMUM PERFORMANCE BOND REQUIREMENTS

CC	Rate Type	Description	Change	ISO	Current Initial	Current Maintenance	New Initial	New Maintenance
Intra Spreads								
GULF COAST JET VS. NYMEX #2 HEA (ME) - Mnths 3-5 vs 6-10 (GLFCST JET PLATTS UP/DN FUT)								
ME	Spec		Decrease	USD	2,860	2,600	1,980	1,800
ME	Hedge/Member		Decrease	USD	2,600	2,600	1,800	1,800
GULF COAST JET VS. NYMEX #2 HEA (ME) - Mnths 6-10 vs 6-10 (GLFCST JET PLATTS UP/DN FUT)								
ME	Spec		Decrease	USD	1,980	1,800	1,403	1,275
ME	Hedge/Member		Decrease	USD	1,800	1,800	1,275	1,275
GULF COAST JET VS. NYMEX #2 HEA (ME) - Month 1 vs 2 (GLFCST JET PLATTS UP/DN FUT)								
ME	Spec		Decrease	USD	1,738	1,580	1,210	1,100
ME	Hedge/Member		Decrease	USD	1,580	1,580	1,100	1,100
High-Low Sulfur Fuel Oil Spread Swap - Consecutive (FUELOIL FUT:CARGOES VS.BARGES)								
FS	Spec		Decrease	USD	5,170	4,700	4,125	3,750
FS	Hedge/Member		Decrease	USD	4,700	4,700	3,750	3,750
Japan C&F Naphtha Crack Spread (Platts) - 2-8 vs 2-8 (JAPAN C&F NAPHTHA CRACK SPREAD)								
JB	Spec		Decrease	USD	2,475	2,250	1,870	1,700
JB	Hedge/Member		Decrease	USD	2,250	2,250	1,700	1,700
Los Angeles Carb Diesel (OPIS) Spread Swap - All Months (LA CARBD (OPIS) VS. NY HRBR ULSD)								
KL	Spec		Decrease	USD	7,700	7,000	5,500	5,000
KL	Hedge/Member		Decrease	USD	7,000	7,000	5,000	5,000
Los Angeles CARBOB (OPIS) Spread Swap - All Months (LA CARBOB GASOLINE(OPIS)FUT)								
JL	Spec		Decrease	USD	10,010	9,100	7,150	6,500
JL	Hedge/Member		Decrease	USD	9,100	9,100	6,500	6,500
Mnths 1-6 vs. Mnths 7-11 (FUELOIL FUT:CARGOES VS.BARGES)								
FS	Spec		Decrease	USD	10,725	9,750	9,350	8,500
FS	Hedge/Member		Decrease	USD	9,750	9,750	8,500	8,500
Months 7-11 vs 12+ (FUELOIL FUT:CARGOES VS.BARGES)								
FS	Spec		Decrease	USD	5,775	5,250	5,060	4,600
FS	Hedge/Member		Decrease	USD	5,250	5,250	4,600	4,600
New York 1% Fuel Oil v. Gulf Coast 3% Fuel Oil Swap - Consecutive months 2+ (NY1%FO V. GULF COAST HSFO FUT)								
VR	Spec		Decrease	USD	847	770	550	500
VR	Hedge/Member		Decrease	USD	770	770	500	500
NY 3.0% Fuel Oil vs. Gulf Coast No. 6 Fuel Oil 3.0% (Platts) Swap Futures - All Months (NY 3% FUEL OIL V GULF COAST NO6 3%)								
FOC	Spec		Decrease	USD	990	900	660	600
FOC	Hedge/Member		Decrease	USD	900	900	600	600

SPAN MINIMUM PERFORMANCE BOND REQUIREMENTS

CC	Rate Type	Description	Change	ISO	Current Initial	Current Maintenance	New Initial	New Maintenance
Intra Spreads								
Singapore Fuel Oil 180 cst (Platts) 6.35 Brent Crack Spread Swap Futures - All Months (SPORE FUEL OIL 180CST 6.35 CK)								
STR	Spec		Decrease	USD	5,170	4,700	3,300	3,000
STR	Hedge/Member		Decrease	USD	4,700	4,700	3,000	3,000
Singapore Fuel Oil Spread Swap - Consecutives 2/3+ (SINGAPORE FUEL OIL SPREAD FUT)								
SD	Spec		Decrease	USD	1,760	1,600	1,210	1,100
SD	Hedge/Member		Decrease	USD	1,600	1,600	1,100	1,100
Singapore Fuel Oil Spread Swap - months 1-2 vs 3+ (SINGAPORE FUEL OIL SPREAD FUT)								
SD	Spec		Decrease	USD	2,420	2,200	2,090	1,900
SD	Hedge/Member		Decrease	USD	2,200	2,200	1,900	1,900
SINGAPORE GASOIL (PLATTS) VS. ICE GASOIL SWAP FUTURES - Tier 2v2 (SINGAPORE GASOIL VS ICE)								
GA	Spec		Decrease	USD	583	530	462	420
GA	Hedge/Member		Decrease	USD	530	530	420	420
SINGAPORE GASOIL (PLATTS) VS. ICE GASOIL SWAP FUTURES - Tier 2v3 (SINGAPORE GASOIL VS ICE)								
GA	Spec		Decrease	USD	589	535	407	370
GA	Hedge/Member		Decrease	USD	535	535	370	370
SINGAPORE GASOIL (PLATTS) VS. ICE GASOIL SWAP FUTURES - Tiers 1v1 (SINGAPORE GASOIL VS ICE)								
GA	Spec		Decrease	USD	633	575	517	470
GA	Hedge/Member		Decrease	USD	575	575	470	470
Singapore Mogas 95 Unleaded vs. Singapore Mogas 92 Unleaded Spread (Platts) - All Months (SPORE MOGS95 UNLDED VS SPORE 92 UNL)								
SMU	Spec		Decrease	USD	1,540	1,400	1,100	1,000
SMU	Hedge/Member		Decrease	USD	1,400	1,400	1,000	1,000

SPAN MINIMUM PERFORMANCE BOND REQUIREMENTS

CC	Rate Type	Description	Change	ISO	Current Initial	Current Maintenance	New Initial	New Maintenance
Intra Spreads								
REFINED PRODUCTS - Intra Spreads								
(EUR 0.5% VS. EUR 3.5%)								
R53	Spec		Decrease	USD	11,550	10,500	9,900	9,000
R53	Hedge/Member		Decrease	USD	10,500	10,500	9,000	9,000
EIA FLAT TAX ON-HIGHWAY DIESEL SWAP- 1 vs 2+ (EIA FLAT TAX ONHWAY DIESEL FUT)								
A5	Spec		Decrease	USD	5,775	5,250	4,400	4,000
A5	Hedge/Member		Decrease	USD	5,250	5,250	4,000	4,000
European Naphtha Calendar Swap - consecutives (EUROPE NAPHTHA CALFUT)								
UN	Spec		Decrease	USD	5,170	4,700	4,510	4,100
UN	Hedge/Member		Decrease	USD	4,700	4,700	4,100	4,100
European Naphtha Calendar Swap - consecutives (MIN EURO NPHTHA CIF NWE FUT)								
MNC	Spec		Decrease	USD	517	470	451	410
MNC	Hedge/Member		Decrease	USD	470	470	410	410
European Naphtha Calendar Swap - Mnths 2-6 vs 2-6 (EUROPE NAPHTHA CALFUT)								
UN	Spec		Decrease	USD	13,750	12,500	12,100	11,000
UN	Hedge/Member		Decrease	USD	12,500	12,500	11,000	11,000
European Naphtha Calendar Swap - Mnths 2-6 vs 2-6 (MIN EURO NPHTHA CIF NWE FUT)								
MNC	Spec		Decrease	USD	1,375	1,250	1,210	1,100
MNC	Hedge/Member		Decrease	USD	1,250	1,250	1,100	1,100
European Singapore Fuel Oil 180cst Calendar Swap - consecutives (MINI SINGP FUEL OIL 180CST FUTURES)								
OF	Spec		Decrease	USD	803	730	495	450
OF	Hedge/Member		Decrease	USD	730	730	450	450
European Singapore Fuel Oil 180cst Calendar Swap - consecutives (SINGAPORE FUEL 180CST CALFUT)								
UA	Spec		Decrease	USD	8,030	7,300	4,950	4,500
UA	Hedge/Member		Decrease	USD	7,300	7,300	4,500	4,500
European Singapore Fuel Oil 180cst Calendar Swap - Month 1 vs Months 2+ (MINI SINGP FUEL OIL 180CST FUTURES)								
OF	Spec		Decrease	USD	1,155	1,050	1,018	925
OF	Hedge/Member		Decrease	USD	1,050	1,050	925	925
European Singapore Fuel Oil 180cst Calendar Swap - Month 1 vs Months 2+ (SINGAPORE FUEL 180CST CALFUT)								
UA	Spec		Decrease	USD	11,550	10,500	10,175	9,250
UA	Hedge/Member		Decrease	USD	10,500	10,500	9,250	9,250
European Singapore Fuel Oil 180cst Calendar Swap - Months 2+ vs Months 2+ (MINI SINGP FUEL OIL 180CST FUTURES)								
OF	Spec		Decrease	USD	1,898	1,725	1,100	1,000
OF	Hedge/Member		Decrease	USD	1,725	1,725	1,000	1,000

SPAN MINIMUM PERFORMANCE BOND REQUIREMENTS

CC	Rate Type	Description	Change	ISO	Current Initial	Current Maintenance	New Initial	New Maintenance
Intra Spreads								
European Singapore Fuel Oil 180cst Calendar Swap - Months 2+ vs Months 2+ (SINGAPORE FUEL 180CST CALFUT)								
UA	Spec		Decrease	USD	18,975	17,250	11,000	10,000
UA	Hedge/Member		Decrease	USD	17,250	17,250	10,000	10,000
Gasoline Euro-bob Oxy (Argus) NWE Barges Swap - Mnth 1 vs Mnth 2 (GAS EURO-BOB OXY (ARG) NEW BRG)								
7H	Spec		Decrease	USD	13,200	12,000	9,900	9,000
7H	Hedge/Member		Decrease	USD	12,000	12,000	9,000	9,000
Gasoline Euro-bob Oxy (Argus) NWE Barges Swap - Mnth 1 vs Mnth 2 (MINI GAS EUROBOB OXY BARGES FUT)								
MEO	Spec		Decrease	USD	13,200	12,000	9,900	9,000
MEO	Hedge/Member		Decrease	USD	12,000	12,000	9,000	9,000
Gasoline Euro-bob Oxy (Argus) NWE Barges Swap - Mnth 2 vs 3 (GAS EURO-BOB OXY (ARG) NEW BRG)								
7H	Spec		Decrease	USD	8,030	7,300	6,600	6,000
7H	Hedge/Member		Decrease	USD	7,300	7,300	6,000	6,000
Gasoline Euro-bob Oxy (Argus) NWE Barges Swap - Mnth 2 vs 3 (MINI GAS EUROBOB OXY BARGES FUT)								
MEO	Spec		Decrease	USD	8,030	7,300	6,600	6,000
MEO	Hedge/Member		Decrease	USD	7,300	7,300	6,000	6,000
Gasoline Euro-bob Oxy (Argus) NWE Barges Swap - Month 1 vs Months 3+ (GAS EURO-BOB OXY (ARG) NEW BRG)								
7H	Spec		Decrease	USD	19,800	18,000	15,400	14,000
7H	Hedge/Member		Decrease	USD	18,000	18,000	14,000	14,000
Gasoline Euro-bob Oxy (Argus) NWE Barges Swap - Month 1 vs Months 3+ (MINI GAS EUROBOB OXY BARGES FUT)								
MEO	Spec		Decrease	USD	19,800	18,000	15,400	14,000
MEO	Hedge/Member		Decrease	USD	18,000	18,000	14,000	14,000
Gasoline Euro-bob Oxy (Argus) NWE Barges Swap - Months 3+ vs Months 3+ (GAS EURO-BOB OXY (ARG) NEW BRG)								
7H	Spec		Decrease	USD	14,630	13,300	11,550	10,500
7H	Hedge/Member		Decrease	USD	13,300	13,300	10,500	10,500
Gasoline Euro-bob Oxy (Argus) NWE Barges Swap - Months 3+ vs Months 3+ (MINI GAS EUROBOB OXY BARGES FUT)								
MEO	Spec		Decrease	USD	14,630	13,300	11,550	10,500
MEO	Hedge/Member		Decrease	USD	13,300	13,300	10,500	10,500
Gulf Coast #6 Fuel 3.0% Swap - Consecutive Month 2+ (GULF COAST HSFO (PLATTS) FUTURES)								
MF	Spec		Decrease	USD	1,485	1,350	1,210	1,100
MF	Hedge/Member		Decrease	USD	1,350	1,350	1,100	1,100
Gulf Coast #6 Fuel 3.0% Swap - Month 2-6 vs 7-11 (GULF COAST HSFO (PLATTS) FUTURES)								
MF	Spec		Decrease	USD	3,025	2,750	1,980	1,800
MF	Hedge/Member		Decrease	USD	2,750	2,750	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								
Gulf Coast #6 Fuel 3.0% Swap - Months 7-11 vs 12+ (GULF COAST HSFO (PLATTS) FUTURES)								
MF	Spec		Decrease	USD	1,650	1,500	1,320	1,200
MF	Hedge/Member		Decrease	USD	1,500	1,500	1,200	1,200
Gulf Coast Jet Fuel Calendar Swap - All Months (GULF COAST JET FUEL CLNDR FUT)								
GE	Spec		Decrease	USD	3,520	3,200	2,420	2,200
GE	Hedge/Member		Decrease	USD	3,200	3,200	2,200	2,200
Gulf Coast ULSD Swap- Consecutive Month 2+ (GULF COAST ULSD CALENDAR FUT)								
LY	Spec		Decrease	USD	693	630	550	500
LY	Hedge/Member		Decrease	USD	630	630	500	500
Gulf Coast Ultra Low Sulfur Diesel (ULSD) Swap - Mth 1 vs Mth 2+ (GULF COAST ULSD CALENDAR FUT)								
LY	Spec		Decrease	USD	4,180	3,800	3,520	3,200
LY	Hedge/Member		Decrease	USD	3,800	3,800	3,200	3,200
Gulf Coast Ultra Low Sulfur Diesel (ULSD) Swap - Mth 2 vs Mth 2+ (GULF COAST ULSD CALENDAR FUT)								
LY	Spec		Decrease	USD	2,090	1,900	1,540	1,400
LY	Hedge/Member		Decrease	USD	1,900	1,900	1,400	1,400
Japan C&F Naphtha (Platts) Swap - Consecutive (JAPAN C&F NAPHTHA FUT)								
JA	Spec		Decrease	USD	6,380	5,800	5,500	5,000
JA	Hedge/Member		Decrease	USD	5,800	5,800	5,000	5,000
Japan C&F Naphtha (Platts) Swap - Consecutive (MIN JAPAN C&F NAPHTHA PLATTS FUT)								
MJN	Spec		Decrease	USD	638	580	550	500
MJN	Hedge/Member		Decrease	USD	580	580	500	500
Month 2 vs Months 3+ (EUR 0.5% VS. EUR 3.5%)								
R53	Spec		Decrease	USD	12,650	11,500	11,000	10,000
R53	Hedge/Member		Decrease	USD	11,500	11,500	10,000	10,000
Month 2 vs Months 3+ (USGC MARINE FUEL 0.5% (PLATTS) VS.)								
H5G	Spec		Decrease	USD	1,925	1,750	1,210	1,100
H5G	Hedge/Member		Decrease	USD	1,750	1,750	1,100	1,100
Month 2-6 vs 7-11 (SYNTHET GULF COAST NO.6 FUEL OIL 3)								
SMF	Spec		Decrease	USD	2,750	2,500	1,980	1,800
SMF	Hedge/Member		Decrease	USD	2,500	2,500	1,800	1,800
Month 7-11 vs 12+ (SYNTHET GULF COAST NO.6 FUEL OIL 3)								
SMF	Spec		Decrease	USD	1,650	1,500	1,320	1,200
SMF	Hedge/Member		Decrease	USD	1,500	1,500	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								
Months 1 vs 7+ (EUROPE NAPHTHA CALFUT)								
UN	Spec		Decrease	USD	16,500	15,000	11,000	10,000
UN	Hedge/Member		Decrease	USD	15,000	15,000	10,000	10,000
Months 1 vs 7+ (MIN EURO NPHTHA CIF NWE FUT)								
MNC	Spec		Decrease	USD	1,650	1,500	1,100	1,000
MNC	Hedge/Member		Decrease	USD	1,500	1,500	1,000	1,000
Months 2-6 vs 2-6 (MICRO SINGAPORE FUEL OIL 380CST (PL)								
MAF	Spec		Decrease	USD	209	190	88	80
MAF	Hedge/Member		Decrease	USD	190	190	80	80
Months 2-6 vs 2-6 (MINI SINGAPORE 380CST FUEL OIL FUT)								
MTS	Spec		Decrease	USD	2,090	1,900	880	800
MTS	Hedge/Member		Decrease	USD	1,900	1,900	800	800
Months 2-6 vs 2-6 (SINGAPORE 380CST FUEL OIL FUT)								
SE	Spec		Decrease	USD	20,900	19,000	8,800	8,000
SE	Hedge/Member		Decrease	USD	19,000	19,000	8,000	8,000
Months 2-6 vs 7+ (EUROPE NAPHTHA CALFUT)								
UN	Spec		Decrease	USD	21,450	19,500	18,150	16,500
UN	Hedge/Member		Decrease	USD	19,500	19,500	16,500	16,500
Months 2-6 vs 7+ (MIN EURO NPHTHA CIF NWE FUT)								
MNC	Spec		Decrease	USD	2,145	1,950	1,815	1,650
MNC	Hedge/Member		Decrease	USD	1,950	1,950	1,650	1,650
Months 3+ vs Months 3+ (EUR 0.5% VS. EUR 3.5%)								
R53	Spec		Decrease	USD	12,100	11,000	10,450	9,500
R53	Hedge/Member		Decrease	USD	11,000	11,000	9,500	9,500
Months 3+ vs Months 3+ (USGC MARINE FUEL 0.5% (PLATTS) VS.)								
H5G	Spec		Decrease	USD	2,090	1,900	1,595	1,450
H5G	Hedge/Member		Decrease	USD	1,900	1,900	1,450	1,450
Months 7+ vs 7+ (EUROPE NAPHTHA CALFUT)								
UN	Spec		Decrease	USD	13,640	12,400	9,900	9,000
UN	Hedge/Member		Decrease	USD	12,400	12,400	9,000	9,000
Months 7+ vs 7+ (MIN EURO NPHTHA CIF NWE FUT)								
MNC	Spec		Decrease	USD	1,364	1,240	990	900
MNC	Hedge/Member		Decrease	USD	1,240	1,240	900	900

SPAN MINIMUM PERFORMANCE BOND REQUIREMENTS

CC	Rate Type	Description	Change	ISO	Current Initial	Current Maintenance	New Initial	New Maintenance
Intra Spreads								
Rel Period (SYNTHET GULF COAST NO.6 FUEL OIL 3)								
SMF	Spec		Decrease	USD	1,485	1,350	1,210	1,100
SMF	Hedge/Member		Decrease	USD	1,350	1,350	1,100	1,100
Singapore 380CST Fuel Oil - 2-6 vs 7+ (MICRO SINGAPORE FUEL OIL 380CST (PL))								
MAF	Spec		Decrease	USD	165	150	132	120
MAF	Hedge/Member		Decrease	USD	150	150	120	120
Singapore 380CST Fuel Oil - 2-6 vs 7+ (MINI SINGAPORE 380CST FUEL OIL FUT)								
MTS	Spec		Decrease	USD	1,650	1,500	1,320	1,200
MTS	Hedge/Member		Decrease	USD	1,500	1,500	1,200	1,200
Singapore 380CST Fuel Oil - 2-6 vs 7+ (SINGAPORE 380CST FUEL OIL FUT)								
SE	Spec		Decrease	USD	16,500	15,000	13,200	12,000
SE	Hedge/Member		Decrease	USD	15,000	15,000	12,000	12,000
Singapore 380cst Fuel Oil Swap - Consecutives (MICRO SINGAPORE FUEL OIL 380CST (PL))								
MAF	Spec		Decrease	USD	66	60	33	30
MAF	Hedge/Member		Decrease	USD	60	60	30	30
Singapore 380cst Fuel Oil Swap - Consecutives (MINI SINGAPORE 380CST FUEL OIL FUT)								
MTS	Spec		Decrease	USD	660	600	330	300
MTS	Hedge/Member		Decrease	USD	600	600	300	300
Singapore 380cst Fuel Oil Swap - Consecutives (SINGAPORE 380CST FUEL OIL FUT)								
SE	Spec		Decrease	USD	6,600	6,000	3,300	3,000
SE	Hedge/Member		Decrease	USD	6,000	6,000	3,000	3,000
Singapore Jet Kerosene Swap - Consecutives (SINGAPORE JET KEROSENE FUT)								
KS	Spec		Decrease	USD	858	780	715	650
KS	Hedge/Member		Decrease	USD	780	780	650	650
Singapore Jet Kerosene Swap - Consecutives (SYNTHETI SINGAPORE JET KEROSENE FUT)								
SKS	Spec		Decrease	USD	858	780	715	650
SKS	Hedge/Member		Decrease	USD	780	780	650	650
Singapore Jet Kerosene Swap - Tier 3 vs Tier 3 (SINGAPORE JET KEROSENE FUT)								
KS	Spec		Increase	USD	935	850	1,100	1,000
KS	Hedge/Member		Increase	USD	850	850	1,000	1,000
Singapore Jet Kerosene Swap - Tier 3 vs Tier 3 (SYNTHETI SINGAPORE JET KEROSENE FUT)								
SKS	Spec		Increase	USD	935	850	1,100	1,000
SKS	Hedge/Member		Increase	USD	850	850	1,000	1,000

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

Singapore Mogas 92 Unleaded (Platts) Swap - Mths 3+ vs 3+ (MOGAS92 UNLEADED (PLATTS) FUT)

1N	Spec		Decrease	USD	2,200	2,000	1,870	1,700
1N	Hedge/Member		Decrease	USD	2,000	2,000	1,700	1,700

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						
(NY-CL-2 - CME) vs (UN-2 - CME)						
Spread Credit Rate	New	+1:-3			20%	20%
BRENT CRUDE OIL LAST DAY FINANCIAL FUTURES (NY-BZ - CME) vs CANADIAN DOLLAR (CD - CME)						
Spread Credit Rate	Increase	+1:-1	20%	20%	30%	30%
BRENT CRUDE OIL LAST DAY FINANCIAL FUTURES (NY-BZ - CME) vs COPPER FUTURES (CX-HG - CME)						
Spread Credit Rate	Increase	+1:-1	0%	0%	30%	30%
BRENT CRUDE OIL LAST DAY FINANCIAL FUTURES (NY-BZ - CME) vs E-MINI NASDAQ (NQ - CME)						
Spread Credit Rate	Increase	+2:-1	0%	0%	35%	35%
BRENT CRUDE OIL LAST DAY FINANCIAL FUTURES (NY-BZ - CME) vs NORWEGIAN KRONE (UN - CME)						
Spread Credit Rate	Increase	+3:-1	20%	20%	35%	35%
BRENT CRUDE OIL LAST DAY FINANCIAL FUTURES (NY-BZ - CME) vs S&P 500 (SP - CME)						
Spread Credit Rate	Increase	+10:-1	25%	25%	35%	35%
LIGHT SWEET CRUDE OIL FUTURES (NY-CL - CME) vs E-MINI DOW JONES (YM - CME) – Months 2+ vs All Months						
Spread Credit Rate	Increase	+2:-1	0%	0%	35%	35%
LIGHT SWEET CRUDE OIL FUTURES (NY-CL - CME) vs E-MINI NASDAQ (NQ - CME) – Months 2+ vs All Months						
Spread Credit Rate	Increase	+2:-1	0%	0%	35%	35%
LIGHT SWEET CRUDE OIL FUTURES (NY-CL - CME) vs E-MINI RUSSELL 2000 INDEX (RTY - CME) – Months 2+ vs All Months						
Spread Credit Rate	Increase	+1:-1	0%	0%	35%	35%
LIGHT SWEET CRUDE OIL FUTURES (NY-CL - CME) vs E-MINI S&P MIDCAP 400 (ME - CME) – Months 2+ vs All Months						
Spread Credit Rate	Increase	+2:-1	0%	0%	30%	30%
LIGHT SWEET CRUDE OIL FUTURES (NY-CL - CME) vs S&P 500 (SP - CME) – Months 2+ vs All Months						
Spread Credit Rate	Increase	+10:-1	0%	0%	35%	35%
LIGHT SWEET CRUDE OIL FUTURES (NY-CL - CME) vs S&P 500 TOTAL RETURN (TRF - CME) – Months 2+ vs All Months						
Spread Credit Rate	Increase	+2:-1	0%	0%	35%	35%
S&P 500 TOTAL RETURN INDEX FUTURES (TRF - CME) vs BRENT CRUDE OIL LAST DAY FINANCIAL FUTURES (NY-BZ - CME)						
Spread Credit Rate	Increase	+2:-1	25%	25%	35%	35%

SPAN MINIMUM PERFORMANCE BOND REQUIREMENTS

Rate Type	Change	Ratio	Current Initial	Current Maintenance	New Initial	New Maintenance
Inter-commodity Spread Rates						
CRUDE OIL SPREADS - Inter-commodity Spread Rates						
ARGUS LLS VS. WTI (ARGUS) TRADE MONTH SWAP FUTURES (NY-E5 - CME) vs DATED TO FRONTLINE BRENT SWAP FUTURES (NY-FY - CME)						
Spread Credit Rate	Increase	+1:-1	25%	25%	50%	50%
ARGUS LLS VS. WTI (ARGUS) TRADE MONTH SWAP FUTURES (NY-E5 - CME) vs WTS (ARGUS) VS. WTI SPREAD CALENDAR SWAP FUTURES (NY-FF - CME)						
Spread Credit Rate	Increase	+1:-1	0%	0%	60%	60%
WTI HOUSTON (ARGUS) VS. WTI TRADE MONTH FUTURES (NY-HTT - CME) vs DATED TO FRONTLINE BRENT SWAP FUTURES (NY-FY - CME)						
Spread Credit Rate	Increase	+1:-1	25%	25%	35%	35%
WTI HOUSTON (ARGUS) VS. WTI TRADE MONTH FUTURES (NY-HTT - CME) vs WTI MIDLAND (ARGUS) VS. WTI TRADE MONTH FUTURES (NY-WTT - CME)						
Spread Credit Rate	Increase	+1:-1	0%	0%	60%	60%
WTI HOUSTON (ARGUS) VS. WTI TRADE MONTH FUTURES (NY-HTT - CME) vs WTS (ARGUS) VS. WTI SPREAD CALENDAR SWAP FUTURES (NY-FF - CME)						
Spread Credit Rate	Increase	+1:-1	0%	0%	55%	55%
WTI HOUSTON (ARGUS) VS. WTI TRADE MONTH FUTURES (NY-HTT - CME) vs WTS (ARGUS) VS. WTI SPREAD TRADE MONTH SWAP FUTURES (NY-FH - CME)						
Spread Credit Rate	Increase	+1:-1	0%	0%	55%	55%
WTI MIDLAND (ARGUS) VS. WTI FINANCIAL FUTURES (NY-FF - CME) vs MARS (ARGUS) VS. WTI SPREAD CALENDAR SWAP FUTURES (NY-YX - CME)						
Spread Credit Rate	Increase	+1:-1	0%	0%	55%	55%
WTI MIDLAND (ARGUS) VS. WTI FINANCIAL FUTURES (NY-FF - CME) vs MARS (ARGUS) VS. WTI SPREAD TRADE MONTH SWAP FUTURES (NY-YV - CME)						
Spread Credit Rate	Increase	+1:-1	0%	0%	55%	55%
WTI MIDLAND (ARGUS) VS. WTI TRADE MONTH FUTURES (NY-WTT - CME) vs MARS (ARGUS) VS. WTI SPREAD CALENDAR SWAP FUTURES (NY-YX - CME)						
Spread Credit Rate	Increase	+1:-1	0%	0%	55%	55%
WTS (ARGUS) VS. WTI SPREAD TRADE MONTH SWAP FUTURES (NY-FH - CME) vs ARGUS LLS VS. WTI (ARGUS) TRADE MONTH SWAP FUTURES (NY-E5 - CME)						
Spread Credit Rate	Increase	+1:-1	0%	0%	60%	60%
WTS (ARGUS) VS. WTI SPREAD TRADE MONTH SWAP FUTURES (NY-FH - CME) vs MARS (ARGUS) VS. WTI SPREAD CALENDAR SWAP FUTURES (NY-YX - CME)						
Spread Credit Rate	Increase	+1:-1	0%	0%	55%	55%
WTS (ARGUS) VS. WTI SPREAD TRADE MONTH SWAP FUTURES (NY-FH - CME) vs MARS (ARGUS) VS. WTI SPREAD TRADE MONTH SWAP FUTURES (NY-YV - CME)						
Spread Credit Rate	Increase	+1:-1	0%	0%	60%	60%
WTS (ARGUS) VS. WTI SPREAD TRADE MONTH SWAP FUTURES (NY-FH - CME) vs WTI MIDLAND (ARGUS) VS. WTI FINANCIAL FUTURES (NY-FF - CME)						
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						
WTS (ARGUS) VS. WTI SPREAD TRADE MONTH SWAP FUTURES (NY-FH - CME) vs WTI MIDLAND (ARGUS) VS. WTI TRADE MONTH FUTURES (NY-WTT - CME)						
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						
ELECTRICITY - Inter-commodity Spread Rates						
CINERGY HUB 5 MW OFF-PEAK CALENDAR-MONTH REAL-TIME SWAP (NYM-H4 - CME) vs HENRY HUB NATURAL GAS (NYM-NG, NN, HP)						
Spread Credit Rate	Increase	-194:+1	50%	50%	64%	64%
HENRY HUB NATURAL GAS FUTURES (NY-NG - CME) vs NYISO ZONE A 5 MW OFF-PEAK CALENDAR-MONTH DAY-AHEAD LBMP SWAP FUTURES (NY-K4 - CME)						
Spread Credit Rate	Increase	+1:-194	40%	40%	52%	52%
HENRY HUB NATURAL GAS FUTURES (NY-NG - CME) vs NYISO ZONE G 5 MW OFF-PEAK CALENDAR-MONTH DAY-AHEAD LBMP SWAP FUTURES (NY-D2 - CME)						
Spread Credit Rate	Increase	+1:-194	40%	40%	55%	55%
HENRY HUB NATURAL GAS FUTURES (NY-NG - CME) vs NYISO ZONE J DAY-AHEAD PEAK CALENDAR-MONTH 5 MW FUTURES (NY-D3 - CME)						
Spread Credit Rate	Increase	-1:+11	35%	35%	50%	50%
HENRY HUB NATURAL GAS FUTURES (NY-NG - CME) vs PJM AEP DAYTON HUB PEAK CALENDAR-MONTH DAY-AHEAD LMP SWAP FUTURES (NY-D7 - CME)						
Spread Credit Rate	Increase	+1:-11	60%	60%	62%	62%
HENRY HUB NATURAL GAS FUTURES (NY-NG - CME) vs PJM METED ZONE OFF-PEAK CALENDAR-MONTH DAY-AHEAD LMP SWAP FUTURES (NY-46 - CME)						
Spread Credit Rate	Increase	+1:-194	25%	25%	45%	45%
HENRY HUB NATURAL GAS FUTURES (NY-NG - CME) vs PJM METED ZONE PEAK CALENDAR-MONTH DAY-AHEAD LMP SWAP FUTURES (NY-47 - CME)						
Spread Credit Rate	Increase	+1:-11	60%	60%	69%	69%
ISO NEW ENGLAND INTERNAL HUB 5 MW PEAK CALENDAR-MONTH DAY-AHEAD LMP SWAP FUTURES (NY-U6 - CME) vs HENRY HUB NATURAL GAS FUTURES (NY-NG - CME)						
Spread Credit Rate	Increase	+11:-1	44%	44%	63%	63%
NEPOOL INTERNAL HUB 5 MW OFF-PEAK CALENDAR-MONTH DAY -AHEAD SWAP (NYM-H2 - CME) vs HENRY HUB NATURAL GAS (NYM-NG, NN, HP)						
Spread Credit Rate	Increase	+194:-1	45%	45%	53%	53%
PJM NORTHERN ILLINOIS HUB 5 MW OFF-PEAK CALENDAR-MONTH REAL-TIME LMP SWAP FUTURES (NY-B6 - CME) vs HENRY HUB NATURAL GAS FUTURES (NY-NG - CME)						
Spread Credit Rate	Increase	+194:-1	35%	35%	50%	50%
PJM NORTHERN ILLINOIS HUB 5 MW PEAK REAL-TIME CALENDAR-MONTH LMP SWAP (NYM-B3 - CME) vs HENRY HUB NATURAL GAS (NYM-NG, NN, HP)						
Spread Credit Rate	Increase	+11:-1	50%	50%	65%	65%
PJM WESTERN HUB OFF-PEAK CALENDAR-MONTH DAY-AHEAD LMP SWAP (NYM-E4 - CME) vs HENRY HUB NATURAL GAS (NYM-NG, NN, HP)						
Spread Credit Rate	Increase	+194:-1	55%	55%	66%	66%
PJM WESTERN HUB OFF-PEAK CALENDAR-MONTH REAL-TIME LMP SWAP (NYM-N9 - CME) vs HENRY HUB NATURAL GAS (NYM-NG, NN, HP)						
Spread Credit Rate	Increase	+194:-1	35%	35%	50%	50%

SPAN MINIMUM PERFORMANCE BOND REQUIREMENTS

Rate Type	Change	Ratio	Current Initial	Current Maintenance	New Initial	New Maintenance
Inter-commodity Spread Rates						
PJM WESTERN HUB PEAK CALENDAR-MONTH DAY-AHEAD LMP SWAP FUTURES (NY-J4 - CME) vs HENRY HUB NATURAL GAS FUTURES (NY-NG - CME)						
Spread Credit Rate	Increase	-11:+1	50%	50%	62%	62%
PJM WESTERN HUB PEAK CALENDAR-MONTH REAL-TIME LMP SWAP FUTURES (NY-L1 - CME) vs HENRY HUB NATURAL GAS FUTURES (NY-NG - CME)						
Spread Credit Rate	Increase	-11:+1	57%	57%	67%	67%

SPAN MINIMUM PERFORMANCE BOND REQUIREMENTS

Rate Type	Change	Ratio	Current Initial	Current Maintenance	New Initial	New Maintenance
Inter-commodity Spread Rates						
EQUITY INDEX - Inter-commodity Spread Rates						
E-MINI NASDAQ-100 FUTURES (NQ - CME) vs 30 DAY FED FUNDS FUTURES (41 - CME)						
Spread Credit Rate	Increase	+1:+16	0%	0%	30%	30%
Spread Credit Rate	Decrease	+1:+10	35%	35%	30%	30%
Spread Credit Rate	Decrease	+1:+8	35%	35%	30%	30%
2-YEAR T-NOTE (26 - CME) vs S&P 500 (SP - CME)						
Spread Credit Rate	Decrease	+50:+1	40%	40%	35%	35%
BRENT CRUDE OIL LAST DAY FINANCIAL FUTURES (NY-BZ - CME) vs E-MINI NASDAQ (NQ - CME)						
Spread Credit Rate	Increase	+2:-1	0%	0%	35%	35%
BRENT CRUDE OIL LAST DAY FINANCIAL FUTURES (NY-BZ - CME) vs S&P 500 (SP - CME)						
Spread Credit Rate	Increase	+10:-1	25%	25%	35%	35%
E-MINI DOW (\$5) FUTURES (YM - CME) vs 10-YEAR T-NOTE (21 - CME)						
Spread Credit Rate	Decrease	+1:+3	50%	50%	45%	45%
E-MINI DOW (\$5) FUTURES (YM - CME) vs 2-YEAR T-NOTE (26 - CME)						
Spread Credit Rate	Decrease	+1:+9	45%	45%	40%	40%
E-MINI DOW (\$5) FUTURES (YM - CME) vs FED FUNDS (41 - CME)						
Spread Credit Rate	Decrease	+1:-11	40%	40%	35%	35%
Spread Credit Rate	Decrease	+1:-8	40%	40%	35%	35%
Spread Credit Rate	Decrease	+1:-7	40%	40%	35%	35%
E-MINI DOW (\$5) FUTURES (YM - CME) vs JAPANESE YEN (JY - CME)						
Spread Credit Rate	Decrease	+1:+1	20%	20%	0%	0%
E-MINI DOW (\$5) FUTURES (YM - CME) vs U.S. TREASURY BOND (17 - CME)						
Spread Credit Rate	Decrease	+1:+1	50%	50%	30%	30%
E-MINI DOW (\$5) FUTURES (YM - CME) vs ULTRA 10-YEAR U.S. TREASURY NOTE FUTURES (TN - CME)						
Spread Credit Rate	Decrease	+1:+2	50%	50%	45%	45%
E-MINI NASDAQ-100 FUTURES (NQ - CME) vs U.S. TREASURY BOND (17 - CME)						
Spread Credit Rate	Decrease	+1:+1	40%	40%	35%	35%
EURODOLLAR (ED - CME) Tier 1 vs S&P 500 (SP - CME)						
Spread Credit Rate	Decrease	+160:+1	42%	42%	30%	30%
EURODOLLAR (ED - CME) vs E-MINI DOW (\$5) FUTURES (YM - CME)						
Spread Credit Rate	Decrease	+14:+1	45%	45%	35%	35%
Spread Credit Rate	Decrease	+11:+1	45%	45%	35%	35%
Spread Credit Rate	Decrease	+8:+1	45%	45%	35%	35%
Spread Credit Rate	Decrease	+7:+1	45%	45%	35%	35%

SPAN MINIMUM PERFORMANCE BOND REQUIREMENTS

Rate Type	Change	Ratio	Current Initial	Current Maintenance	New Initial	New Maintenance
Inter-commodity Spread Rates						
EURODOLLAR (ED - CME) vs E-MINI NASDAQ-100 FUTURES (NQ - CME)						
Spread Credit Rate	Increase	+20:+1	0%	0%	25%	25%
JAPANESE YEN (JY - CME) vs E-MINI NASDAQ-100 FUTURES (NQ - CME)						
Spread Credit Rate	Decrease	+4:+3	30%	30%	0%	0%
JAPANESE YEN (JY - CME) vs S&P 500 (SP - CME)						
Spread Credit Rate	Decrease	+6:+1	30%	30%	0%	0%
LIGHT SWEET CRUDE OIL FUTURES (NY-CL - CME) vs E-MINI DOW JONES (YM - CME) – Months 2+ vs All Months						
Spread Credit Rate	Increase	+2:-1	0%	0%	35%	35%
LIGHT SWEET CRUDE OIL FUTURES (NY-CL - CME) vs E-MINI NASDAQ (NQ - CME) - Months 2+ vs All Months						
Spread Credit Rate	Increase	+2:-1	0%	0%	35%	35%
LIGHT SWEET CRUDE OIL FUTURES (NY-CL - CME) vs E-MINI RUSSELL 2000 (RTY - CME) - Months 2+ vs All Months						
Spread Credit Rate	Increase	+1:-1	0%	0%	35%	35%
LIGHT SWEET CRUDE OIL FUTURES (NY-CL - CME) vs E-MINI S&P MIDCAP 400 (ME - CME) - Months 2+ vs All Months						
Spread Credit Rate	Increase	+2:-1	0%	0%	30%	30%
LIGHT SWEET CRUDE OIL FUTURES (NY-CL - CME) vs S&P 500 (SP - CME) - Months 2+ vs All Months						
Spread Credit Rate	Increase	+10:-1	0%	0%	35%	35%
LIGHT SWEET CRUDE OIL FUTURES (NY-CL - CME) vs S&P 500 TOTAL RETURN (TRF - CME) - Months 2+ vs All Months						
Spread Credit Rate	Increase	+2:-1	0%	0%	35%	35%
NEW YORK HARBOR NO. 2 HEATING OIL FUTURES (NY-HO - CME) vs E-MINI NASDAQ (NQ - CME)						
Spread Credit Rate	Increase	+2:-1	0%	0%	40%	40%
NEW YORK HARBOR NO. 2 HEATING OIL FUTURES (NY-HO - CME) vs S&P 500 (SP - CME)						
Spread Credit Rate	Increase	+10:-1	25%	25%	40%	40%
NEW YORK HARBOR NO. 2 HEATING OIL FUTURES (NY-HO - CME) vs S&P 500 TOTAL RETURN INDEX FUTURES (TRF - CME)						
Spread Credit Rate	Increase	-2:+1	25%	25%	40%	40%
NIKKEI 225 DOLLAR-BASED (NK - CME) vs JAPANESE YEN (JY - CME)						
Spread Credit Rate	Decrease	+2:+1	40%	40%	30%	30%
NIKKEI 225 YEN-BASED (N1 - CME) vs JAPANESE YEN (JY - CME)						
Spread Credit Rate	Decrease	+2:+1	65%	65%	30%	30%
S&P 500 (SP - CME) vs FED FUNDS (41 - CME)						
Spread Credit Rate	Increase	+1:+84	0%	0%	35%	35%
Spread Credit Rate	Decrease	+1:+70	40%	40%	35%	35%
Spread Credit Rate	Decrease	+1:+50	40%	40%	35%	35%
S&P 500 TOTAL RETURN INDEX FUTURES (TRF - CME) vs 2-YEAR T-NOTE (26 - CME)						
Spread Credit Rate	Decrease	+1:+11	40%	40%	35%	35%

SPAN MINIMUM PERFORMANCE BOND REQUIREMENTS

Rate Type	Change	Ratio	Current Initial	Current Maintenance	New Initial	New Maintenance
Inter-commodity Spread Rates						
S&P 500 TOTAL RETURN INDEX FUTURES (TRF - CME) vs BRENT CRUDE OIL LAST DAY FINANCIAL FUTURES (NY-BZ - CME)						
Spread Credit Rate	Increase	+2:-1	25%	25%	35%	35%
S&P 500 TOTAL RETURN INDEX FUTURES (TRF - CME) vs EURODOLLAR (ED - CME)						
Spread Credit Rate	Increase	+1:+33	0%	0%	30%	30%
S&P 500 TOTAL RETURN INDEX FUTURES (TRF - CME) vs FED FUNDS (41 - CME)						
Spread Credit Rate	Decrease	+1:+20	40%	40%	35%	35%
Spread Credit Rate	Decrease	+1:+14	40%	40%	35%	35%
Spread Credit Rate	Decrease	+1:+10	40%	40%	35%	35%
S&P 500 TOTAL RETURN INDEX FUTURES (TRF - CME) vs ULTRA LONG TREASURY BOND (UBE - CME)						
Spread Credit Rate	Decrease	+1:+2	40%	40%	25%	25%
ULTRA LONG TREASURY BOND (UBE - CME) vs E-MINI DOW (\$5) FUTURES (YM - CME)						
Spread Credit Rate	Decrease	+4:+5	50%	50%	35%	35%
ULTRA LONG TREASURY BOND (UBE - CME) vs S&P 500 (SP - CME)						
Spread Credit Rate	Decrease	+10:+1	40%	40%	25%	25%

SPAN MINIMUM PERFORMANCE BOND REQUIREMENTS

Rate Type	Change	Ratio	Current Initial	Current Maintenance	New Initial	New Maintenance
Inter-commodity Spread Rates						
FX - Inter-commodity Spread Rates						
(NY-CL-2 - CME) vs (UN-2 - CME)						
Spread Credit Rate	New	+1:-3			20%	20%
AUSTRALIAN DOLLAR (AD - CME) vs AUSTRALIAN DOLLAR/JAPANESE YEN CROSSRATE (AJ - CME)						
Spread Credit Rate	Increase	+1:-1	30%	30%	45%	45%
AUSTRALIAN DOLLAR (AD - CME) vs NORWEGIAN KRONE (UN - CME)						
Spread Credit Rate	Increase	+4:-1	40%	40%	50%	50%
AUSTRALIAN DOLLAR (AD - CME) vs SWEDISH KRONA (SE - CME)						
Spread Credit Rate	Increase	+4:-1	45%	45%	55%	55%
Australian Dollar (AD) vs. British Pound (BP)						
Spread Credit Rate	Increase	+1:-1	30%	30%	45%	45%
Australian Dollar (AD) vs. Euro FX (EC)						
Spread Credit Rate	Increase	+2:-1	40%	40%	50%	50%
BRAZILIAN REAL FUTURES (BR) vs AFRICAN RAND FUTURES (RA)						
Spread Credit Rate	Increase	+4:-5	35%	35%	50%	50%
BRAZILIAN REAL FUTURES (BR) vs MEXICAN PESO FUTURES (MP)						
Spread Credit Rate	Increase	+3:-2	30%	30%	50%	50%
BRENT CRUDE OIL LAST DAY FINANCIAL FUTURES (NY-BZ - CME) vs CANADIAN DOLLAR (CD - CME)						
Spread Credit Rate	Increase	+1:-1	20%	20%	30%	30%
BRENT CRUDE OIL LAST DAY FINANCIAL FUTURES (NY-BZ - CME) vs NORWEGIAN KRONE (UN - CME)						
Spread Credit Rate	Increase	+3:-1	20%	20%	35%	35%
BRITISH POUND (BP - CME) vs NEW ZEALAND DOLLAR (NE - CME)						
Spread Credit Rate	Increase	+3:-2	25%	25%	35%	35%
British Pound (BP) vs. Canadian Dollar (CD)						
Spread Credit Rate	Increase	+1:-1	30%	30%	40%	40%
British Pound (BP) vs. Swiss Franc (SF)						
Spread Credit Rate	Increase	+4:-5	30%	30%	50%	50%
CANADIAN DOLLAR (CD - CME) vs NORWEGIAN KRONE (UN - CME)						
Spread Credit Rate	Increase	+3:-1	20%	20%	30%	30%
CANADIAN DOLLAR (CD - CME) vs SOUTH AFRICAN RAND (RA - CME)						
Spread Credit Rate	Increase	+1:-2	30%	30%	45%	45%
Canadian Dollar (CD) vs. Euro FX (EC)						
Spread Credit Rate	Decrease	+2:-1	52%	52%	40%	40%

SPAN MINIMUM PERFORMANCE BOND REQUIREMENTS

Rate Type	Change	Ratio	Current Initial	Current Maintenance	New Initial	New Maintenance
Inter-commodity Spread Rates						
Canadian Dollar (CD) vs. New Zealand Dollar (NE)						
Spread Credit Rate	Increase	+1:-1	50%	50%	60%	60%
COPPER FUTURES (CX-HG - CME) vs AUSTRALIAN DOLLAR (AD - CME)						
Spread Credit Rate	Increase	+1:-2	45%	45%	50%	50%
COPPER FUTURES (CX-HG - CME) vs CANADIAN DOLLAR (CD - CME)						
Spread Credit Rate	Increase	+1:-1	0%	0%	40%	40%
COPPER FUTURES (CX-HG - CME) vs CHILEAN PESO/US DOLLAR FUTURES (CHP - CME)						
Spread Credit Rate	Increase	+1:-1	0%	0%	40%	40%
COPPER FUTURES (CX-HG - CME) vs USD/OFFSHORE RMB (CNH) FUTURES (CNH - CME)						
Spread Credit Rate	Increase	+2:+1	40%	40%	50%	50%
CROSS RATE AUSTRALIAN DOLLAR/JAPANESE YEN (AJ - CME) vs CROSS RATE BRITISH POUND/JAPANESE YEN (BY - CME)						
Spread Credit Rate	Increase	+1:-1	40%	40%	60%	60%
CROSS RATE AUSTRALIAN DOLLAR/JAPANESE YEN (AJ - CME) vs CROSS RATE EURO FX/JAPANESE YEN (RY - CME)						
Spread Credit Rate	Increase	+1:-1	45%	45%	55%	55%
CROSS RATE BRITISH POUND/SWISS FRANC (BF - CME) vs CROSS RATE BRITISH POUND/JAPANESE YEN (BY - CME)						
Spread Credit Rate	Increase	+1:-1	45%	45%	55%	55%
Cross Rate Euro FX/Norwegian Krone (CN) vs. Norwegian Krone (UN)						
Spread Credit Rate	Increase	+2:+1	30%	30%	60%	60%
CROSS RATE EURO FX/SWIDISH KRONA (KE - CME) vs SWEDISH KRONA (SE - CME)						
Spread Credit Rate	Increase	+2:+1	40%	40%	50%	50%
E-MINI DOW (\$5) FUTURES (YM - CME) vs JAPANESE YEN (JY - CME)						
Spread Credit Rate	Decrease	+1:+1	20%	20%	0%	0%
EURO FX (EC - CME) vs GOLD FUTURES (CX-GC - CME)						
Spread Credit Rate	Decrease	+1:-2	20%	20%	0%	0%
EURO FX (EC - CME) vs SWISS FRANC (SF - CME)						
Spread Credit Rate	Increase	+2:-3	54%	54%	70%	70%
Euro FX (EC) vs. Japanese Yen (JY)						
Spread Credit Rate	Increase	+4:-5	38%	38%	50%	50%
GOLD FUTURES (CX-GC - CME) vs JAPANESE YEN (JY - CME)						
Spread Credit Rate	Decrease	+1:-1	20%	20%	0%	0%
JAPANESE YEN (JY - CME) vs E-MINI NASDAQ-100 FUTURES (NQ - CME)						
Spread Credit Rate	Decrease	+4:+3	30%	30%	0%	0%

SPAN MINIMUM PERFORMANCE BOND REQUIREMENTS

Rate Type	Change	Ratio	Current Initial	Current Maintenance	New Initial	New Maintenance
Inter-commodity Spread Rates						
JAPANESE YEN (JY - CME) vs S&P 500 (SP - CME)						
Spread Credit Rate	Decrease	+6:+1	30%	30%	0%	0%
KILO GOLD FUTURES (CX-GCK - CME) vs JAPANESE YEN (JY - CME)						
Spread Credit Rate	Decrease	+6:-1	50%	50%	20%	20%
KILO GOLD FUTURES (CX-GCK - CME) vs SWISS FRANC (SF - CME)						
Spread Credit Rate	Decrease	+3:-1	20%	20%	0%	0%
KOREAN WON (KRW - CME) vs COPPER FUTURES (CX-HG - CME)						
Spread Credit Rate	Increase	+2:-3	50%	50%	60%	60%
MEXICAN PESO (CME - MP) vs SOUTH AFRICAN RAND (CME - RA)						
Spread Credit Rate	Increase	+1:-1	30%	30%	60%	60%
NIKKEI 225 DOLLAR-BASED (NK - CME) vs JAPANESE YEN (JY - CME)						
Spread Credit Rate	Decrease	+2:+1	40%	40%	30%	30%
NIKKEI 225 YEN-BASED (N1 - CME) vs JAPANESE YEN (JY - CME)						
Spread Credit Rate	Decrease	+2:+1	65%	65%	30%	30%
USD/OFFSHORE RMB (CNH) FUTURES (CNH - CME) vs AUSTRALIAN DOLLAR (AD - CME)						
Spread Credit Rate	Increase	+2:-3	35%	35%	65%	65%

SPAN MINIMUM PERFORMANCE BOND REQUIREMENTS

Rate Type	Change	Ratio	Current Initial	Current Maintenance	New Initial	New Maintenance
Inter-commodity Spread Rates						
INTEREST RATES - Inter-commodity Spread Rates						
E-MINI NASDAQ-100 FUTURES (NQ - CME) vs 30 DAY FED FUNDS FUTURES (41 - CME)						
Spread Credit Rate	Increase	+1:+16	0%	0%	30%	30%
Spread Credit Rate	Decrease	+1:+10	35%	35%	30%	30%
Spread Credit Rate	Decrease	+1:+8	35%	35%	30%	30%
10 YR NOTE (21 - CME) vs 2 YR NOTE (26 - CME)						
Spread Credit Rate	Decrease	+1:-2	65%	65%	60%	60%
10-YEAR T-NOTE (21 - CME) vs GOLD FUTURES (CX-GC - CME)						
Spread Credit Rate	Decrease	+3:-1	25%	25%	20%	20%
1M SOFR FUTURES (SR1 - CME) Month 2 vs 2-YEAR T-NOTE (26 - CME) All Months						
Spread Credit Rate	Decrease	+1:-1	50%	50%	40%	40%
2 Year Treasury Note (26) vs. Eurodollar (ED) Tier 01						
Spread Credit Rate	Decrease	+2:-3	60%	60%	50%	50%
2 Year Treasury Note (26) vs. Eurodollar (ED) Tier 04						
Spread Credit Rate	Decrease	+2:-3	75%	75%	70%	70%
2 Year Treasury Note (26) vs. Eurodollar (ED) Tier 05						
Spread Credit Rate	Decrease	+2:-3	70%	70%	65%	65%
2 Year Treasury Note (26) vs. Eurodollar (ED) Tier 07						
Spread Credit Rate	Decrease	+2:-3	60%	60%	55%	55%
2 Year Treasury Note (26) vs. Eurodollar (ED) Tier 08						
Spread Credit Rate	Decrease	+2:-3	60%	60%	50%	50%
2 Year Treasury Note (26) vs. Eurodollar (ED) Tier 09						
Spread Credit Rate	Decrease	+2:-3	60%	60%	50%	50%
2 Year Treasury Note (26) vs. Eurodollar (ED) Tier 10						
Spread Credit Rate	Decrease	+2:-3	60%	60%	50%	50%
2 Year Treasury Note (26) vs. Eurodollar (ED) Tier 11						
Spread Credit Rate	Decrease	+2:-3	60%	60%	45%	45%
2 Year Treasury Note (26) vs. Fed Funds (CBOT) (41) Tier 2 (Months 2-4)						
Spread Credit Rate	Increase	+1:-1	60%	60%	65%	65%
2 Year Treasury Note (26) vs. Fed Funds (CBOT) (41) Tier 3 (Months 5-12)						
Spread Credit Rate	Increase	+1:-1	65%	65%	70%	70%
2 Year Treasury Note (26) vs. Fed Funds (CBOT) (41) Tier 4 (Months 13-24)						
Spread Credit Rate	Increase	+1:-1	65%	65%	70%	70%

SPAN MINIMUM PERFORMANCE BOND REQUIREMENTS

Rate Type	Change	Ratio	Current Initial	Current Maintenance	New Initial	New Maintenance
Inter-commodity Spread Rates						
2 Year Treasury Note (26) vs. Fed Funds (CBOT) (41) Tier 5 (Months 25+)						
Spread Credit Rate	Increase	+1:-1	65%	65%	75%	75%
2-YEAR T-NOTE (26 - CME) vs GOLD FUTURES (CX-GC - CME)						
Spread Credit Rate	Decrease	+9:-1	35%	35%	0%	0%
2-YEAR T-NOTE (26 - CME) vs S&P 500 (SP - CME)						
Spread Credit Rate	Decrease	+50:+1	40%	40%	35%	35%
2YR INTEREST RATE SWAP FUTURE ERIS Tier 3 vs 2YR TREASURY						
Spread Credit Rate	Increase	+2:-1	30%	30%	50%	50%
3M SOFR FUTURES (SR3 - CME) Month 3 vs 2-YEAR T-NOTE (26 - CME) All Months						
Spread Credit Rate	Decrease	+3:-2	80%	80%	75%	75%
3M SOFR FUTURES (SR3 - CME) Months 13-16 vs 2-YEAR T-NOTE (26 - CME) All Months						
Spread Credit Rate	Decrease	+3:-2	80%	80%	70%	70%
3M SOFR FUTURES (SR3 - CME) Months 17+ vs 2-YEAR T-NOTE (26 - CME) All Months						
Spread Credit Rate	Decrease	+3:-2	80%	80%	70%	70%
3M SOFR FUTURES (SR3 - CME) Months 4-5 vs 2-YEAR T-NOTE (26 - CME) All Months						
Spread Credit Rate	Decrease	+3:-2	80%	80%	75%	75%
3M SOFR FUTURES (SR3 - CME) Months 6-8 vs 2-YEAR T-NOTE (26 - CME) All Months						
Spread Credit Rate	Decrease	+3:-2	80%	80%	75%	75%
3M SOFR FUTURES (SR3 - CME) Months 9-12 vs 2-YEAR T-NOTE (26 - CME) All Months						
Spread Credit Rate	Decrease	+3:-2	80%	80%	70%	70%
5-YEAR T-NOTE (25 - CME) vs 2-YEAR T-NOTE (26 - CME)						
Spread Credit Rate	Decrease	+5:-6	83%	83%	65%	65%
5-YEAR T-NOTE (25 - CME) vs GOLD FUTURES (CX-GC - CME)						
Spread Credit Rate	Decrease	+6:-1	25%	25%	0%	0%
E-MINI DOW (\$5) FUTURES (YM - CME) vs 10-YEAR T-NOTE (21 - CME)						
Spread Credit Rate	Decrease	+1:+3	50%	50%	45%	45%
E-MINI DOW (\$5) FUTURES (YM - CME) vs 2-YEAR T-NOTE (26 - CME)						
Spread Credit Rate	Decrease	+1:+9	45%	45%	40%	40%
E-MINI DOW (\$5) FUTURES (YM - CME) vs FED FUNDS (41 - CME)						
Spread Credit Rate	Decrease	+1:-11	40%	40%	35%	35%
Spread Credit Rate	Decrease	+1:-8	40%	40%	35%	35%
Spread Credit Rate	Decrease	+1:-7	40%	40%	35%	35%
E-MINI DOW (\$5) FUTURES (YM - CME) vs U.S. TREASURY BOND (17 - CME)						
Spread Credit Rate	Decrease	+1:+1	50%	50%	30%	30%

SPAN MINIMUM PERFORMANCE BOND REQUIREMENTS

Rate Type	Change	Ratio	Current Initial	Current Maintenance	New Initial	New Maintenance
Inter-commodity Spread Rates						
E-MINI DOW (\$5) FUTURES (YM - CME) vs ULTRA 10-YEAR U.S. TREASURY NOTE FUTURES (TN - CME)						
Spread Credit Rate	Decrease	+1:+2	50%	50%	45%	45%
E-MINI NASDAQ-100 FUTURES (NQ - CME) vs U.S. TREASURY BOND (17 - CME)						
Spread Credit Rate	Decrease	+1:+1	40%	40%	35%	35%
EURODOLLAR (ED - CME) Tier 1 vs S&P 500 (SP - CME)						
Spread Credit Rate	Decrease	+160:+1	42%	42%	30%	30%
EURODOLLAR (ED - CME) vs E-MINI DOW (\$5) FUTURES (YM - CME)						
Spread Credit Rate	Decrease	+14:+1	45%	45%	35%	35%
Spread Credit Rate	Decrease	+11:+1	45%	45%	35%	35%
Spread Credit Rate	Decrease	+8:+1	45%	45%	35%	35%
Spread Credit Rate	Decrease	+7:+1	45%	45%	35%	35%
EURODOLLAR (ED - CME) vs E-MINI NASDAQ-100 FUTURES (NQ - CME)						
Spread Credit Rate	Increase	+20:+1	0%	0%	25%	25%
EURODOLLAR (ED - CME) vs GOLD FUTURES (CX-GC - CME)						
Spread Credit Rate	Decrease	+10:-1	45%	45%	0%	0%
Spread Credit Rate	New	+8:-1			0%	0%
Spread Credit Rate	Decrease	+8:-1	30%	30%	20%	20%
FED FUNDS (41 - CME) vs GOLD FUTURES (CX-GC - CME)						
Spread Credit Rate	Decrease	+10:-1	45%	45%	0%	0%
Spread Credit Rate	Decrease	+8:-1	45%	45%	0%	0%
Spread Credit Rate	Decrease	+7:-1	45%	45%	0%	0%
Gold Futures (CX-GC - CME) vs. 1-Month SOFR Futures (SR1 - CME)						
Spread Credit Rate	Decrease	+20:-1	40%	40%	0%	0%
Spread Credit Rate	Decrease	+15:-1	40%	40%	0%	0%
Gold Futures (CX-GC - CME) vs. 3-Month SOFR Futures (SR3 - CME)						
Spread Credit Rate	Decrease	+15:-1	40%	40%	0%	0%
Spread Credit Rate	Decrease	+10:-1	40%	40%	0%	0%
Spread Credit Rate	Decrease	+8:-1	40%	40%	0%	0%
S&P 500 (SP - CME) vs FED FUNDS (41 - CME)						
Spread Credit Rate	Increase	+1:+84	0%	0%	35%	35%
Spread Credit Rate	Decrease	+1:+70	40%	40%	35%	35%
Spread Credit Rate	Decrease	+1:+50	40%	40%	35%	35%
S&P 500 TOTAL RETURN INDEX FUTURES (TRF - CME) vs 2-YEAR T-NOTE (26 - CME)						
Spread Credit Rate	Decrease	+1:+11	40%	40%	35%	35%

SPAN MINIMUM PERFORMANCE BOND REQUIREMENTS

Rate Type	Change	Ratio	Current Initial	Current Maintenance	New Initial	New Maintenance
Inter-commodity Spread Rates						
S&P 500 TOTAL RETURN INDEX FUTURES (TRF - CME) vs EURODOLLAR (ED - CME)						
Spread Credit Rate	Increase	+1:+33	0%	0%	30%	30%
S&P 500 TOTAL RETURN INDEX FUTURES (TRF - CME) vs FED FUNDS (41 - CME)						
Spread Credit Rate	Decrease	+1:+20	40%	40%	35%	35%
Spread Credit Rate	Decrease	+1:+14	40%	40%	35%	35%
Spread Credit Rate	Decrease	+1:+10	40%	40%	35%	35%
S&P 500 TOTAL RETURN INDEX FUTURES (TRF - CME) vs ULTRA LONG TREASURY BOND (UBE - CME)						
Spread Credit Rate	Decrease	+1:+2	40%	40%	25%	25%
U.S. TREASURY BOND (17 - CME) vs GOLD FUTURES (CX-GC - CME)						
Spread Credit Rate	Decrease	+1:-1	25%	25%	20%	20%
U.S. Treasury Bond (17) vs. 2-Year T-Note (26)						
Spread Credit Rate	Decrease	+1:-6	60%	60%	50%	50%
ULTRA 10-YEAR U.S. TREASURY NOTE FUTURES (TN - CME) vs 10 YEAR INTEREST RATE SWAP DELIVERABLE FUTURE (N1U - CME)						
Spread Credit Rate	Decrease	+2:-3	90%	90%	80%	80%
ULTRA 10-YEAR U.S. TREASURY NOTE FUTURES (TN - CME) vs GOLD FUTURES (CX-GC - CME)						
Spread Credit Rate	Decrease	+2:-1	30%	30%	20%	20%
Ultra 10-Year U.S. Treasury Note Futures vs. 2 Year Treasury Note						
Spread Credit Rate	Decrease	+1:-3	65%	65%	55%	55%
ULTRA LONG TREASURY BOND (UBE - CME) vs 2 YR NOTE (26 - CME)						
Spread Credit Rate	Decrease	+1:-8	65%	65%	40%	40%
ULTRA LONG TREASURY BOND (UBE - CME) vs E-MINI DOW (\$5) FUTURES (YM - CME)						
Spread Credit Rate	Decrease	+4:+5	50%	50%	35%	35%
ULTRA LONG TREASURY BOND (UBE - CME) vs GOLD FUTURES (CX-GC - CME)						
Spread Credit Rate	Decrease	+1:-1	35%	35%	20%	20%
ULTRA LONG TREASURY BOND (UBE - CME) vs S&P 500 (SP - CME)						
Spread Credit Rate	Decrease	+10:+1	40%	40%	25%	25%

SPAN MINIMUM PERFORMANCE BOND REQUIREMENTS

Rate Type	Change	Ratio	Current Initial	Current Maintenance	New Initial	New Maintenance
Inter-commodity Spread Rates						
METALS - Inter-commodity Spread Rates						
10-YEAR T-NOTE (21 - CME) vs GOLD FUTURES (CX-GC - CME)						
Spread Credit Rate	Decrease	+3:-1	25%	25%	20%	20%
2-YEAR T-NOTE (26 - CME) vs GOLD FUTURES (CX-GC - CME)						
Spread Credit Rate	Decrease	+9:-1	35%	35%	0%	0%
5-YEAR T-NOTE (25 - CME) vs GOLD FUTURES (CX-GC - CME)						
Spread Credit Rate	Decrease	+6:-1	25%	25%	0%	0%
ALUMINUM FUTURES (CX-ALI - CME) vs COPPER FUTURES (CX-HG - CME)						
Spread Credit Rate	Increase	+1:-1	25%	25%	40%	40%
BRENT CRUDE OIL LAST DAY FINANCIAL FUTURES (NY-BZ - CME) vs COPPER FUTURES (CX-HG - CME)						
Spread Credit Rate	Increase	+1:-1	0%	0%	30%	30%
COMEX COPPER (CMX-HG - CME) vs COMEX SILVER (CMX-SI - CME)						
Spread Credit Rate	Increase	+2:-1	0%	0%	40%	40%
COMEX SILVER (CMX-SI - CME) vs PLATINUM FUTURES (NYM-PL - CME)						
Spread Credit Rate	Increase	+1:-2	57%	57%	65%	65%
COPPER FUTURES (CX-HG - CME) vs AUSTRALIAN DOLLAR (AD - CME)						
Spread Credit Rate	Increase	+1:-2	45%	45%	50%	50%
COPPER FUTURES (CX-HG - CME) vs CANADIAN DOLLAR (CD - CME)						
Spread Credit Rate	Increase	+1:-1	0%	0%	40%	40%
COPPER FUTURES (CX-HG - CME) vs CHILEAN PESO/US DOLLAR FUTURES (CHP - CME)						
Spread Credit Rate	Increase	+1:-1	0%	0%	40%	40%
COPPER FUTURES (CX-HG - CME) vs USD/OFFSHORE RMB (CNH) FUTURES (CNH - CME)						
Spread Credit Rate	Increase	+2:+1	40%	40%	50%	50%
EURO FX (EC - CME) vs GOLD FUTURES (CX-GC - CME)						
Spread Credit Rate	Decrease	+1:-2	20%	20%	0%	0%
EURODOLLAR (ED - CME) vs GOLD FUTURES (CX-GC - CME)						
Spread Credit Rate	Decrease	+10:-1	45%	45%	0%	0%
Spread Credit Rate	New	+8:-1			0%	0%
Spread Credit Rate	Decrease	+8:-1	30%	30%	20%	20%
FED FUNDS (41 - CME) vs GOLD FUTURES (CX-GC - CME)						
Spread Credit Rate	Decrease	+10:-1	45%	45%	0%	0%
Spread Credit Rate	Decrease	+8:-1	45%	45%	0%	0%
Spread Credit Rate	Decrease	+7:-1	45%	45%	0%	0%

SPAN MINIMUM PERFORMANCE BOND REQUIREMENTS

Rate Type	Change	Ratio	Current Initial	Current Maintenance	New Initial	New Maintenance
Inter-commodity Spread Rates						
GOLD FUTURES (CX-GC - CME) vs JAPANESE YEN (JY - CME)						
Spread Credit Rate	Decrease	+1:-1	20%	20%	0%	0%
Gold Futures (CX-GC - CME) vs. 1-Month SOFR Futures (SR1 - CME)						
Spread Credit Rate	Decrease	+20:-1	40%	40%	0%	0%
Spread Credit Rate	Decrease	+15:-1	40%	40%	0%	0%
Gold Futures (CX-GC - CME) vs. 3-Month SOFR Futures (SR3 - CME)						
Spread Credit Rate	Decrease	+15:-1	40%	40%	0%	0%
Spread Credit Rate	Decrease	+10:-1	40%	40%	0%	0%
Spread Credit Rate	Decrease	+8:-1	40%	40%	0%	0%
KILO GOLD FUTURES (CX-GCK - CME) vs JAPANESE YEN (JY - CME)						
Spread Credit Rate	Decrease	+6:-1	50%	50%	20%	20%
KILO GOLD FUTURES (CX-GCK - CME) vs SWISS FRANC (SF - CME)						
Spread Credit Rate	Decrease	+3:-1	20%	20%	0%	0%
KOREAN WON (KRW - CME) vs COPPER FUTURES (CX-HG - CME)						
Spread Credit Rate	Increase	+2:-3	50%	50%	60%	60%
PLATINUM FUTURES NYMEX vs. COMEX COPPER FUTURES						
Spread Credit Rate	Increase	+1:-1	40%	40%	50%	50%
U.S. TREASURY BOND (17 - CME) vs GOLD FUTURES (CX-GC - CME)						
Spread Credit Rate	Decrease	+1:-1	25%	25%	20%	20%
ULTRA 10-YEAR U.S. TREASURY NOTE FUTURES (TN - CME) vs GOLD FUTURES (CX-GC - CME)						
Spread Credit Rate	Decrease	+2:-1	30%	30%	20%	20%
ULTRA LONG TREASURY BOND (UBE - CME) vs GOLD FUTURES (CX-GC - CME)						
Spread Credit Rate	Decrease	+1:-1	35%	35%	20%	20%
ZINC FUTURES (CX-ZNC - CME) vs IRON ORE FUTURES (NY-TIO - CME)						
Spread Credit Rate	Increase	+1:-1	20%	20%	25%	25%
ZINC FUTURES (CX-ZNC - CME) vs SILVER FUTURES (CX-SI - CME)						
Spread Credit Rate	Increase	+1:-1	20%	20%	25%	25%

SPAN MINIMUM PERFORMANCE BOND REQUIREMENTS

Rate Type	Change	Ratio	Current Initial	Current Maintenance	New Initial	New Maintenance
Inter-commodity Spread Rates						
NATURAL GAS - Inter-commodity Spread Rates						
CINERGY HUB 5 MW OFF-PEAK CALENDAR-MONTH REAL-TIME SWAP (NYM-H4 - CME) vs HENRY HUB NATURAL GAS (NYM-NG, NN, HP)						
Spread Credit Rate	Increase	-194:+1	50%	50%	64%	64%
HENRY HUB NATURAL GAS FUTURES (NY-NG - CME) vs NYISO ZONE A 5 MW OFF-PEAK CALENDAR-MONTH DAY-AHEAD LBMP SWAP FUTURES (NY-K4 - CME)						
Spread Credit Rate	Increase	+1:-194	40%	40%	52%	52%
HENRY HUB NATURAL GAS FUTURES (NY-NG - CME) vs NYISO ZONE G 5 MW OFF-PEAK CALENDAR-MONTH DAY-AHEAD LBMP SWAP FUTURES (NY-D2 - CME)						
Spread Credit Rate	Increase	+1:-194	40%	40%	55%	55%
HENRY HUB NATURAL GAS FUTURES (NY-NG - CME) vs NYISO ZONE J DAY-AHEAD PEAK CALENDAR-MONTH 5 MW FUTURES (NY-D3 - CME)						
Spread Credit Rate	Increase	-1:+11	35%	35%	50%	50%
HENRY HUB NATURAL GAS FUTURES (NY-NG - CME) vs PJM AEP DAYTON HUB PEAK CALENDAR-MONTH DAY-AHEAD LMP SWAP FUTURES (NY-D7 - CME)						
Spread Credit Rate	Increase	+1:-11	60%	60%	62%	62%
HENRY HUB NATURAL GAS FUTURES (NY-NG - CME) vs PJM METED ZONE OFF-PEAK CALENDAR-MONTH DAY-AHEAD LMP SWAP FUTURES (NY-46 - CME)						
Spread Credit Rate	Increase	+1:-194	25%	25%	45%	45%
HENRY HUB NATURAL GAS FUTURES (NY-NG - CME) vs PJM METED ZONE PEAK CALENDAR-MONTH DAY-AHEAD LMP SWAP FUTURES (NY-47 - CME)						
Spread Credit Rate	Increase	+1:-11	60%	60%	69%	69%
ISO NEW ENGLAND INTERNAL HUB 5 MW PEAK CALENDAR-MONTH DAY-AHEAD LMP SWAP FUTURES (NY-U6 - CME) vs HENRY HUB NATURAL GAS FUTURES (NY-NG - CME)						
Spread Credit Rate	Increase	+11:-1	44%	44%	63%	63%
NEPOOL INTERNAL HUB 5 MW OFF-PEAK CALENDAR-MONTH DAY -AHEAD SWAP (NYM-H2 - CME) vs HENRY HUB NATURAL GAS (NYM-NG, NN, HP)						
Spread Credit Rate	Increase	+194:-1	45%	45%	53%	53%
PJM NORTHERN ILLINOIS HUB 5 MW OFF-PEAK CALENDAR-MONTH REAL-TIME LMP SWAP FUTURES (NY-B6 - CME) vs HENRY HUB NATURAL GAS FUTURES (NY-NG - CME)						
Spread Credit Rate	Increase	+194:-1	35%	35%	50%	50%
PJM NORTHERN ILLINOIS HUB 5 MW PEAK REAL-TIME CALENDAR-MONTH LMP SWAP (NYM-B3 - CME) vs HENRY HUB NATURAL GAS (NYM-NG, NN, HP)						
Spread Credit Rate	Increase	+11:-1	50%	50%	65%	65%
PJM WESTERN HUB OFF-PEAK CALENDAR-MONTH DAY-AHEAD LMP SWAP (NYM-E4 - CME) vs HENRY HUB NATURAL GAS (NYM-NG, NN, HP)						
Spread Credit Rate	Increase	+194:-1	55%	55%	66%	66%
PJM WESTERN HUB OFF-PEAK CALENDAR-MONTH REAL-TIME LMP SWAP (NYM-N9 - CME) vs HENRY HUB NATURAL GAS (NYM-NG, NN, HP)						
Spread Credit Rate	Increase	+194:-1	35%	35%	50%	50%

SPAN MINIMUM PERFORMANCE BOND REQUIREMENTS

Rate Type	Change	Ratio	Current Initial	Current Maintenance	New Initial	New Maintenance
Inter-commodity Spread Rates						
PJM WESTERN HUB PEAK CALENDAR-MONTH DAY-AHEAD LMP SWAP FUTURES (NY-J4 - CME) vs HENRY HUB NATURAL GAS FUTURES (NY-NG - CME)						
Spread Credit Rate	Increase	-11:+1	50%	50%	62%	62%
PJM WESTERN HUB PEAK CALENDAR-MONTH REAL-TIME LMP SWAP FUTURES (NY-L1 - CME) vs HENRY HUB NATURAL GAS FUTURES (NY-NG - CME)						
Spread Credit Rate	Increase	-11:+1	57%	57%	67%	67%
NGL/PETROCHEMICALS - Inter-commodity Spread Rates						
CONWAY NATURAL GASOLINE (OPIS) SWAP FUTURES (NY-8L - CME) vs GULF COAST ULSD (PLATTS) SWAP FUTURES (NY-LY - CME)						
Spread Credit Rate	Decrease	+1:-1	62%	62%	55%	55%
REFINED PRODUCTS - Inter-commodity Spread Rates						
CONWAY NATURAL GASOLINE (OPIS) SWAP FUTURES (NY-8L - CME) vs GULF COAST ULSD (PLATTS) SWAP FUTURES (NY-LY - CME)						
Spread Credit Rate	Decrease	+1:-1	62%	62%	55%	55%
NEW YORK HARBOR NO. 2 HEATING OIL FUTURES (NY-HO - CME) vs E-MINI NASDAQ (NQ - CME)						
Spread Credit Rate	Increase	+2:-1	0%	0%	40%	40%
NEW YORK HARBOR NO. 2 HEATING OIL FUTURES (NY-HO - CME) vs S&P 500 (SP - CME)						
Spread Credit Rate	Increase	+10:-1	25%	25%	40%	40%
NEW YORK HARBOR NO. 2 HEATING OIL FUTURES (NY-HO - CME) vs S&P 500 TOTAL RETURN INDEX FUTURES (TRF - CME)						
Spread Credit Rate	Increase	-2:+1	25%	25%	40%	40%

Rate Type	Tier Description	Change	Current Initial	Current Maintenance	New Initial	New Maintenance
Volatility Down Scan Rate						
EQUITY INDEX - Volatility Scan Down Rate						
S&P 500 (SP - CME) - volScan Down						
Clearing Member Rate	Mnth 1	Decrease		30%		23%
E-MINI NASDAQ 100 FUTURES (NQ - CME) - volScan Down						
Clearing Member Rate	Mnth 1	Decrease		45%		30%
Clearing Member Rate	Mnths 2+	Decrease		30%		20%
E-MINI DOW (\$5) FUTURES (YM - CME) - volScan Down						
Clearing Member Rate	Mnth 1	Decrease		45%		30%
Clearing Member Rate	Mnths 2+	Decrease		30%		20%
E-MINI RUSSELL 2000 INDEX FUTURES (RTY - CME) - volScan Down						
Clearing Member Rate	Mnth 1	Decrease		45%		30%
Clearing Member Rate	Mnths 2+	Decrease		30%		20%