



22-171

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

FROM: CME Clearing

SUBJECT: Performance Bond Requirements

DATE: Thursday, April 28, 2022

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, April 29, 2022.

Current rates as of:

Thursday, April 28, 2022.

SPAN MINIMUM PERFORMANCE BOND REQUIREMENTS

CC	Rate Type	Description	Change	ISO	Current Initial	Current Maintenance	New Initial	New Maintenance
Outright Rates								
AGRICULTURE - Outright Rates								
USD MALAY CRD PALM OIL BULLET FUT (CPV)								
CPV	Non-HRP	Mnth 1	Increase	USD	3,500	3,500	4,500	4,500
CPV	HRP	Mnth 1	Increase	USD	3,850	3,500	4,950	4,500
CPV	Non-HRP	Mnth 2-4	Increase	USD	2,900	2,900	3,500	3,500
CPV	HRP	Mnth 2-4	Increase	USD	3,190	2,900	3,850	3,500
CPV	Non-HRP	Mnth 5+	Increase	USD	2,500	2,500	2,900	2,900
CPV	HRP	Mnth 5+	Increase	USD	2,750	2,500	3,190	2,900
USD MALAYSIAN CRUDE PALM CAL FUT (CPO)								
CPO	Non-HRP	Mnth 1	Increase	USD	3,500	3,500	4,500	4,500
CPO	HRP	Mnth 1	Increase	USD	3,850	3,500	4,950	4,500
CPO	Non-HRP	Mnth 2-4	Increase	USD	2,900	2,900	3,500	3,500
CPO	HRP	Mnth 2-4	Increase	USD	3,190	2,900	3,850	3,500
CPO	Non-HRP	Mnth 5+	Increase	USD	2,500	2,500	2,900	2,900
CPO	HRP	Mnth 5+	Increase	USD	2,750	2,500	3,190	2,900
CRUDE OIL - Outright Rates								
DUBAI CRUDE OIL CALENDAR FUT (DC)								
DC	Non-HRP	Mnth1	Decrease	USD	10,000	10,000	9,000	9,000
DC	HRP	Mnth1	Decrease	USD	11,000	10,000	9,900	9,000
DC	Non-HRP	Mnth 2	Decrease	USD	9,500	9,500	8,700	8,700
DC	HRP	Mnth 2	Decrease	USD	10,450	9,500	9,570	8,700
DC	Non-HRP	Mnth 3-8	Decrease	USD	8,750	8,750	8,200	8,200
DC	HRP	Mnth 3-8	Decrease	USD	9,625	8,750	9,020	8,200
DC	Non-HRP	Mnth9+	Decrease	USD	7,750	7,750	7,200	7,200
DC	HRP	Mnth9+	Decrease	USD	8,525	7,750	7,920	7,200
EUROPE DATED BRENT FUT (UB)								
UB	Non-HRP	Mths 7+	Decrease	USD	11,000	11,000	9,500	9,500
UB	HRP	Mths 7+	Decrease	USD	12,100	11,000	10,450	9,500
UB	Non-HRP	Mths 1 - 6	Decrease	USD	11,250	11,250	9,250	9,250
UB	HRP	Mths 1 - 6	Decrease	USD	12,375	11,250	10,175	9,250
MINI DATED BRENT (PLATTS) FINANCIAL (MDB)								
MDB	Non-HRP	Mths 7+	Decrease	USD	1,100	1,100	950	950
MDB	HRP	Mths 7+	Decrease	USD	1,210	1,100	1,045	950
MDB	Non-HRP	Mths 1 - 6	Decrease	USD	1,125	1,125	925	925
MDB	HRP	Mths 1 - 6	Decrease	USD	1,238	1,125	1,018	925
MINI DUBAI CRUDE OIL (PLATTS) FUT (DBL)								
DBL	Non-HRP	Mnth1	Decrease	USD	1,000	1,000	900	900

SPAN MINIMUM PERFORMANCE BOND REQUIREMENTS

CC	Rate Type	Description	Change	ISO	Current Initial	Current Maintenance	New Initial	New Maintenance
Outright Rates								
DBL	HRP	Mnth1	Decrease	USD	1,100	1,000	990	900
DBL	Non-HRP	Mnth 2	Decrease	USD	950	950	870	870
DBL	HRP	Mnth 2	Decrease	USD	1,045	950	957	870
DBL	Non-HRP	Mnth 3-8	Decrease	USD	875	875	820	820
DBL	HRP	Mnth 3-8	Decrease	USD	963	875	902	820
DBL	Non-HRP	Mnth9+	Decrease	USD	775	775	720	720
DBL	HRP	Mnth9+	Decrease	USD	853	775	792	720

SPAN MINIMUM PERFORMANCE BOND REQUIREMENTS

CC	Rate Type	Description	Change	ISO	Current Initial	Current Maintenance	New Initial	New Maintenance
Outright Rates								
CRUDE OIL SPREADS - Outright Rates								
ARGUS LLS VS. WTI (ARG) TRD M (E5)								
E5	Non-HRP	Mnths 2-4	Decrease	USD	500	500	400	400
E5	HRP	Mnths 2-4	Decrease	USD	550	500	440	400
E5	Non-HRP	Mnth 5-11	Decrease	USD	350	350	300	300
E5	HRP	Mnth 5-11	Decrease	USD	385	350	330	300
E5	Non-HRP	Mnths 12+	Decrease	USD	300	300	250	250
E5	HRP	Mnths 12+	Decrease	USD	330	300	275	250
DATED TO FRONTLINE BRENT CLNDR FUT (FY)								
FY	Non-HRP	Mnth 1	Decrease	USD	1,700	1,700	1,400	1,400
FY	HRP	Mnth 1	Decrease	USD	1,870	1,700	1,540	1,400
FY	Non-HRP	Mnths 2 - 3	Decrease	USD	1,600	1,600	1,350	1,350
FY	HRP	Mnths 2 - 3	Decrease	USD	1,760	1,600	1,485	1,350
EDMONTON C5+ CONDENSATE MONTHLY INX (CC5)								
CC5	Non-HRP	Mnths 1-2	Decrease	USD	2,600	2,600	2,300	2,300
CC5	HRP	Mnths 1-2	Decrease	USD	2,860	2,600	2,530	2,300
CC5	Non-HRP	Mnths 3-6	Decrease	USD	2,400	2,400	2,100	2,100
CC5	HRP	Mnths 3-6	Decrease	USD	2,640	2,400	2,310	2,100
CC5	Non-HRP	Mnths 7+	Decrease	USD	2,000	2,000	1,800	1,800
CC5	HRP	Mnths 7+	Decrease	USD	2,200	2,000	1,980	1,800
ICE BRENT DUBAI FUT (DB)								
DB	Non-HRP	Mnth 1	Decrease	USD	1,100	1,100	1,000	1,000
DB	HRP	Mnth 1	Decrease	USD	1,210	1,100	1,100	1,000
DB	Non-HRP	Mnth 2	Decrease	USD	1,000	1,000	900	900
DB	HRP	Mnth 2	Decrease	USD	1,100	1,000	990	900
DB	Non-HRP	Mnths 3-8	Decrease	USD	875	875	700	700
DB	HRP	Mnths 3-8	Decrease	USD	963	875	770	700
DB	Non-HRP	Mnths 9+	Decrease	USD	500	500	375	375
DB	HRP	Mnths 9+	Decrease	USD	550	500	413	375
MARS (ARGUS) V WTI TRD MTH FUT (YV)								
YV	Non-HRP	Mnths 2	Decrease	USD	1,400	1,400	1,100	1,100
YV	HRP	Mnths 2	Decrease	USD	1,540	1,400	1,210	1,100
YV	Non-HRP	Mnths 3-7	Decrease	USD	900	900	800	800
YV	HRP	Mnths 3-7	Decrease	USD	990	900	880	800

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	Non-HRP	Mnth 1	Decrease	USD	1,100	1,100	1,000	1,000
DBI	HRP	Mnth 1	Decrease	USD	1,210	1,100	1,100	1,000
DBI	Non-HRP	Mnth 2	Decrease	USD	1,050	1,050	900	900
DBI	HRP	Mnth 2	Decrease	USD	1,155	1,050	990	900
DBI	Non-HRP	Mnths 3-8	Decrease	USD	875	875	700	700
DBI	HRP	Mnths 3-8	Decrease	USD	963	875	770	700
DBI	Non-HRP	Mnths 9+	Decrease	USD	500	500	375	375
DBI	HRP	Mnths 9+	Decrease	USD	550	500	413	375
DME OMAN CRUDE OIL (OQ)								
OQ	Non-HRP	Mnth1	Decrease	USD	11,800	11,800	10,600	10,600
OQ	HRP	Mnth1	Decrease	USD	12,980	11,800	11,660	10,600
OQ	Non-HRP	Mnth 2-3	Decrease	USD	11,000	11,000	10,000	10,000
OQ	HRP	Mnth 2-3	Decrease	USD	12,100	11,000	11,000	10,000
OQ	Non-HRP	Mnth 4-8	Decrease	USD	10,000	10,000	9,500	9,500
OQ	HRP	Mnth 4-8	Decrease	USD	11,000	10,000	10,450	9,500
OQ	Non-HRP	Mnth 9+	Decrease	USD	9,000	9,000	8,500	8,500
OQ	HRP	Mnth 9+	Decrease	USD	9,900	9,000	9,350	8,500
DUBAI CRUDE OIL (PLATTS) (DCD)								
DCD	Non-HRP	Mnth 1	Decrease	USD	10,000	10,000	9,000	9,000
DCD	HRP	Mnth 1	Decrease	USD	11,000	10,000	9,900	9,000
DCD	Non-HRP	Mnths 2	Decrease	USD	9,500	9,500	8,700	8,700
DCD	HRP	Mnths 2	Decrease	USD	10,450	9,500	9,570	8,700
DCD	Non-HRP	Mnths 3-8	Decrease	USD	8,750	8,750	8,200	8,200
DCD	HRP	Mnths 3-8	Decrease	USD	9,625	8,750	9,020	8,200
DCD	Non-HRP	Mnths 9+	Decrease	USD	7,750	7,750	7,200	7,200
DCD	HRP	Mnths 9+	Decrease	USD	8,525	7,750	7,920	7,200
DUBAI CRUDE OIL(S&PPLATTS) FUT TAPS (DCT)								
DCT	Non-HRP	Mnth 1	Decrease	USD	10,000	10,000	9,000	9,000
DCT	HRP	Mnth 1	Decrease	USD	11,000	10,000	9,900	9,000
DCT	Non-HRP	Mnths 2	Decrease	USD	9,500	9,500	8,700	8,700
DCT	HRP	Mnths 2	Decrease	USD	10,450	9,500	9,570	8,700
DCT	Non-HRP	Mnths 3-8	Decrease	USD	8,750	8,750	8,200	8,200
DCT	HRP	Mnths 3-8	Decrease	USD	9,625	8,750	9,020	8,200
DCT	Non-HRP	Mnths 9+	Decrease	USD	7,750	7,750	7,200	7,200
DCT	HRP	Mnths 9+	Decrease	USD	8,525	7,750	7,920	7,200

SPAN MINIMUM PERFORMANCE BOND REQUIREMENTS

CC	Rate Type	Description	Change	ISO	Current Initial	Current Maintenance	New Initial	New Maintenance
Outright Rates								
DUBAI CRUDEOIL S&PPLATTS MTH MARKER (DM1)								
DM1	Non-HRP	Mnth 1	Decrease	USD	10,000	10,000	9,000	9,000
DM1	HRP	Mnth 1	Decrease	USD	11,000	10,000	9,900	9,000
DM1	Non-HRP	Mnths 2	Decrease	USD	9,500	9,500	8,700	8,700
DM1	HRP	Mnths 2	Decrease	USD	10,450	9,500	9,570	8,700
DM1	Non-HRP	Mnths 3-8	Decrease	USD	8,750	8,750	8,200	8,200
DM1	HRP	Mnths 3-8	Decrease	USD	9,625	8,750	9,020	8,200
DM1	Non-HRP	Mnths 9+	Decrease	USD	7,750	7,750	7,200	7,200
DM1	HRP	Mnths 9+	Decrease	USD	8,525	7,750	7,920	7,200
OMAN CRUDE FINANCIAL (ZG)								
ZG	Non-HRP	Mnth1	Decrease	USD	11,800	11,800	10,600	10,600
ZG	HRP	Mnth1	Decrease	USD	12,980	11,800	11,660	10,600
ZG	Non-HRP	Mnth 2-3	Decrease	USD	11,000	11,000	10,000	10,000
ZG	HRP	Mnth 2-3	Decrease	USD	12,100	11,000	11,000	10,000
ZG	Non-HRP	Mnth 4-8	Decrease	USD	10,000	10,000	9,500	9,500
ZG	HRP	Mnth 4-8	Decrease	USD	11,000	10,000	10,450	9,500
ZG	Non-HRP	Mnth 9+	Decrease	USD	9,000	9,000	8,500	8,500
ZG	HRP	Mnth 9+	Decrease	USD	9,900	9,000	9,350	8,500
OMAN CRUDE OIL TAM FUT (OQB)								
OQB	Non-HRP	Mnth1	Decrease	USD	11,800	11,800	10,600	10,600
OQB	HRP	Mnth1	Decrease	USD	12,980	11,800	11,660	10,600
OQB	Non-HRP	Mnth 2-3	Decrease	USD	11,000	11,000	10,000	10,000
OQB	HRP	Mnth 2-3	Decrease	USD	12,100	11,000	11,000	10,000
OQB	Non-HRP	Mnth 4-8	Decrease	USD	10,000	10,000	9,500	9,500
OQB	HRP	Mnth 4-8	Decrease	USD	11,000	10,000	10,450	9,500
OQB	Non-HRP	Mnth 9+	Decrease	USD	9,000	9,000	8,500	8,500
OQB	HRP	Mnth 9+	Decrease	USD	9,900	9,000	9,350	8,500
OMAN CRUDE OIL TAM MARKER SYN (OQ1)								
OQ1	Non-HRP	Mnth1	Decrease	USD	11,800	11,800	10,600	10,600
OQ1	HRP	Mnth1	Decrease	USD	12,980	11,800	11,660	10,600
OQ1	Non-HRP	Mnth 2-3	Decrease	USD	11,000	11,000	10,000	10,000
OQ1	HRP	Mnth 2-3	Decrease	USD	12,100	11,000	11,000	10,000
OQ1	Non-HRP	Mnth 4-8	Decrease	USD	10,000	10,000	9,500	9,500
OQ1	HRP	Mnth 4-8	Decrease	USD	11,000	10,000	10,450	9,500
OQ1	Non-HRP	Mnth 9+	Decrease	USD	9,000	9,000	8,500	8,500
OQ1	HRP	Mnth 9+	Decrease	USD	9,900	9,000	9,350	8,500

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

ELECTRICITY - Outright Rates

PJM AD HUB 5MW REAL TIME O PK (V3)

V3	Non-HRP	Mnth 2	Increase	USD	35	35	45	45
V3	HRP	Mnth 2	Increase	USD	39	35	50	45
V3	Non-HRP	Mnths 3-4	Increase	USD	30	30	40	40
V3	HRP	Mnths 3-4	Increase	USD	33	30	44	40
V3	Non-HRP	Mnths 5-11	Increase	USD	26	26	36	36
V3	HRP	Mnths 5-11	Increase	USD	29	26	40	36
V3	Non-HRP	Mnths 12+	Increase	USD	11	11	14	14
V3	HRP	Mnths 12+	Increase	USD	12	11	15	14

PJM AD HUB 5MW REAL TIME PK (Z9)

Z9	Non-HRP	Mnth 1	Increase	USD	850	850	1,110	1,110
Z9	HRP	Mnth 1	Increase	USD	935	850	1,221	1,110
Z9	Non-HRP	Mnth 2	Increase	USD	845	845	1,105	1,105
Z9	HRP	Mnth 2	Increase	USD	930	845	1,216	1,105
Z9	Non-HRP	Mnths 3-4	Increase	USD	840	840	1,100	1,100
Z9	HRP	Mnths 3-4	Increase	USD	924	840	1,210	1,100
Z9	Non-HRP	Mnths 5-11	Increase	USD	575	575	700	700
Z9	HRP	Mnths 5-11	Increase	USD	633	575	770	700
Z9	Non-HRP	Mnths 12+	Increase	USD	250	250	300	300
Z9	HRP	Mnths 12+	Increase	USD	275	250	330	300

PJM DAYTON DA OFF-PEAK (R7)

R7	Non-HRP	Mnth 2	Increase	USD	36	36	46	46
R7	HRP	Mnth 2	Increase	USD	40	36	51	46
R7	Non-HRP	Mnths 3-4	Increase	USD	31	31	41	41
R7	HRP	Mnths 3-4	Increase	USD	34	31	45	41
R7	Non-HRP	Mnths 12+	New	USD	27	27	15	15
R7	HRP	Mnths 12+	New	USD	30	27	17	15
R7	Non-HRP	Mnth 5-11	New	USD			37	37
R7	HRP	Mnth 5-11	New	USD			41	37

SPAN MINIMUM PERFORMANCE BOND REQUIREMENTS

CC	Rate Type	Description	Change	ISO	Current Initial	Current Maintenance	New Initial	New Maintenance
Outright Rates								
PJM DAYTON DA PEAK (D7)								
D7	Non-HRP	Mnth 1	Increase	USD	865	865	1,125	1,125
D7	HRP	Mnth 1	Increase	USD	952	865	1,238	1,125
D7	Non-HRP	Mnth 2	Increase	USD	880	880	1,140	1,140
D7	HRP	Mnth 2	Increase	USD	968	880	1,254	1,140
D7	Non-HRP	Mnths 3-4	Increase	USD	850	850	1,110	1,110
D7	HRP	Mnths 3-4	Increase	USD	935	850	1,221	1,110
D7	Non-HRP	Mnths 5-11	Increase	USD	585	585	710	710
D7	HRP	Mnths 5-11	Increase	USD	644	585	781	710
D7	Non-HRP	Mnths 12+	Increase	USD	260	260	310	310
D7	HRP	Mnths 12+	Increase	USD	286	260	341	310
PJM WES HUB PEAK CAL MON REAL TIME (L1)								
L1	Non-HRP	Mth 1	Increase	USD	1,200	1,200	1,300	1,300
L1	HRP	Mth 1	Increase	USD	1,320	1,200	1,430	1,300
L1	Non-HRP	Mnth 2	Increase	USD	1,120	1,120	1,250	1,250
L1	HRP	Mnth 2	Increase	USD	1,232	1,120	1,375	1,250
L1	Non-HRP	Mnths 3-5	Increase	USD	1,100	1,100	1,200	1,200
L1	HRP	Mnths 3-5	Increase	USD	1,210	1,100	1,320	1,200
L1	Non-HRP	Mnths 6-11	Increase	USD	750	750	900	900
L1	HRP	Mnths 6-11	Increase	USD	825	750	990	900
L1	Non-HRP	Mnths 12	Increase	USD	400	400	450	450
L1	HRP	Mnths 12	Increase	USD	440	400	495	450
PJM WES HUB PEAK LMP 50 MW (4S)								
4S	Non-HRP	Mth 1	Increase	USD	12,000	12,000	13,000	13,000
4S	HRP	Mth 1	Increase	USD	13,200	12,000	14,300	13,000
4S	Non-HRP	Mnth 2	Increase	USD	11,200	11,200	12,500	12,500
4S	HRP	Mnth 2	Increase	USD	12,320	11,200	13,750	12,500
4S	Non-HRP	Mnths 3-5	Increase	USD	11,000	11,000	12,000	12,000
4S	HRP	Mnths 3-5	Increase	USD	12,100	11,000	13,200	12,000
4S	Non-HRP	Mnths 6-11	Increase	USD	7,500	7,500	9,000	9,000
4S	HRP	Mnths 6-11	Increase	USD	8,250	7,500	9,900	9,000
4S	Non-HRP	Mnths 12	Increase	USD	4,000	4,000	4,500	4,500
4S	HRP	Mnths 12	Increase	USD	4,400	4,000	4,950	4,500

SPAN MINIMUM PERFORMANCE BOND REQUIREMENTS

CC	Rate Type	Description	Change	ISO	Current Initial	Current Maintenance	New Initial	New Maintenance
Outright Rates								
PJM WESTH DA OFF-PEAK (E4)								
E4	Non-HRP	Mnth 2	Increase	USD	51	51	56	56
E4	HRP	Mnth 2	Increase	USD	56	51	62	56
E4	Non-HRP	Mnths 3-4	Increase	USD	41	41	51	51
E4	HRP	Mnths 3-4	Increase	USD	45	41	56	51
E4	Non-HRP	Mnths 5-11	Increase	USD	27	27	36	36
E4	HRP	Mnths 5-11	Increase	USD	30	27	40	36
E4	Non-HRP	Mnths12+	Increase	USD	15	15	16	16
E4	HRP	Mnths12+	Increase	USD	17	15	18	16
PJM WESTH RT OFF-PEAK (N9)								
N9	Non-HRP	Mnth 2	Increase	USD	50	50	55	55
N9	HRP	Mnth 2	Increase	USD	55	50	61	55
N9	Non-HRP	Mnths 3-4	Increase	USD	40	40	50	50
N9	HRP	Mnths 3-4	Increase	USD	44	40	55	50
N9	Non-HRP	Mnths 5-11	Increase	USD	26	26	35	35
N9	HRP	Mnths 5-11	Increase	USD	29	26	39	35
N9	Non-HRP	Mnths 12+	Increase	USD	14	14	15	15
N9	HRP	Mnths 12+	Increase	USD	15	14	17	15
PJM WESTHDA PEAK (J4)								
J4	Non-HRP	Mnth 1	Increase	USD	1,230	1,230	1,330	1,330
J4	HRP	Mnth 1	Increase	USD	1,353	1,230	1,463	1,330
J4	Non-HRP	Mnth 2	Increase	USD	1,135	1,135	1,265	1,265
J4	HRP	Mnth 2	Increase	USD	1,249	1,135	1,392	1,265
J4	Non-HRP	Mnths 3-5	Increase	USD	1,110	1,110	1,210	1,210
J4	HRP	Mnths 3-5	Increase	USD	1,221	1,110	1,331	1,210
J4	Non-HRP	Mnths 6-11	Increase	USD	760	760	910	910
J4	HRP	Mnths 6-11	Increase	USD	836	760	1,001	910
J4	Non-HRP	Mnths 12+	Increase	USD	410	410	460	460
J4	HRP	Mnths 12+	Increase	USD	451	410	506	460

SPAN MINIMUM PERFORMANCE BOND REQUIREMENTS

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

ENVIRONMENTAL - Outright Rates

CBL CRE GLBL EMI OFST (C-GEO) FUT (CGO)

CGO	Non-HRP	Mth 1	Decrease	USD	1,500	1,500	1,250	1,250
CGO	HRP	Mth 1	Decrease	USD	1,650	1,500	1,375	1,250
CGO	Non-HRP	Mth 2	Decrease	USD	1,500	1,500	1,250	1,250
CGO	HRP	Mth 2	Decrease	USD	1,650	1,500	1,375	1,250
CGO	Non-HRP	Mths 3-6	Decrease	USD	1,500	1,500	1,250	1,250
CGO	HRP	Mths 3-6	Decrease	USD	1,650	1,500	1,375	1,250
CGO	Non-HRP	Mths 7+	Decrease	USD	1,500	1,500	1,250	1,250
CGO	HRP	Mths 7+	Decrease	USD	1,650	1,500	1,375	1,250

CBL GLOBAL EMISSIONS OFFSET FUTURES (GEO)

GEO	Non-HRP	Mth 1	Decrease	USD	1,500	1,500	1,300	1,300
GEO	HRP	Mth 1	Decrease	USD	1,650	1,500	1,430	1,300
GEO	Non-HRP	Mth 2	Decrease	USD	1,500	1,500	1,300	1,300
GEO	HRP	Mth 2	Decrease	USD	1,650	1,500	1,430	1,300
GEO	Non-HRP	Mths 3-6	Decrease	USD	1,500	1,500	1,300	1,300
GEO	HRP	Mths 3-6	Decrease	USD	1,650	1,500	1,430	1,300
GEO	Non-HRP	Mths 7+	Decrease	USD	1,500	1,500	1,300	1,300
GEO	HRP	Mths 7+	Decrease	USD	1,650	1,500	1,430	1,300

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	Non-HRP	Mnth 1	Decrease	USD	34,925	34,925	31,115	31,115
FVB	HRP	Mnth 1	Decrease	USD	38,418	34,925	34,227	31,115
FVB	Non-HRP	Mnth 2	Decrease	USD	33,020	33,020	29,845	29,845
FVB	HRP	Mnth 2	Decrease	USD	36,322	33,020	32,830	29,845
FUEL OIL NWE CRACK VS. ICE (FI)								
FI	Non-HRP	Mnth 1	Decrease	USD	5,500	5,500	4,900	4,900
FI	HRP	Mnth 1	Decrease	USD	6,050	5,500	5,390	4,900
FI	Non-HRP	Mnth 2	Decrease	USD	5,200	5,200	4,700	4,700
FI	HRP	Mnth 2	Decrease	USD	5,720	5,200	5,170	4,700
LA CARBD (OPIS) VS. NY HRBR ULSD (KL)								
KL	Non-HRP	Mnth 1	Increase	USD	4,000	4,000	4,600	4,600
KL	HRP	Mnth 1	Increase	USD	4,400	4,000	5,060	4,600
MINI 1% FUEL OIL CARGO CRACK (MNS)								
MNS	Non-HRP	Mnth 1	Decrease	USD	3,493	3,493	3,112	3,112
MNS	HRP	Mnth 1	Decrease	USD	3,842	3,493	3,423	3,112
MNS	Non-HRP	Mnth 2	Decrease	USD	3,302	3,302	2,985	2,985
MNS	HRP	Mnth 2	Decrease	USD	3,632	3,302	3,283	2,985
NY BUCKEYE JET FUEL VS NY HARB ULSD (JET)								
JET	Non-HRP	Mnth 1	Increase	USD	8,000	8,000	8,755	8,755
JET	HRP	Mnth 1	Increase	USD	8,800	8,000	9,631	8,755
JET	Non-HRP	Mnth 2	Increase	USD	7,950	7,950	8,750	8,750
JET	HRP	Mnth 2	Increase	USD	8,745	7,950	9,625	8,750
NY ULSD VS. NY HRBR ULSD FUT (7Y)								
7Y	Non-HRP	Mnth 1	Increase	USD	2,550	2,550	2,800	2,800
7Y	HRP	Mnth 1	Increase	USD	2,805	2,550	3,080	2,800
7Y	Non-HRP	Mnth 2	Increase	USD	2,500	2,500	2,750	2,750
7Y	HRP	Mnth 2	Increase	USD	2,750	2,500	3,025	2,750
7Y	Non-HRP	Mnth 3+	Decrease	USD	1,900	1,900	1,600	1,600
7Y	HRP	Mnth 3+	Decrease	USD	2,090	1,900	1,760	1,600

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 GASOIL VS ICE (GA)

GA	Non-HRP	Mnth 1	Decrease	USD	3,400	3,400	2,900	2,900
GA	HRP	Mnth 1	Decrease	USD	3,740	3,400	3,190	2,900
GA	Non-HRP	Mnth 2	Decrease	USD	3,200	3,200	2,800	2,800
GA	HRP	Mnth 2	Decrease	USD	3,520	3,200	3,080	2,800
GA	Non-HRP	Mnths 3-6	Decrease	USD	2,600	2,600	2,200	2,200
GA	HRP	Mnths 3-6	Decrease	USD	2,860	2,600	2,420	2,200

SINGAPORE JET KERO GASOIL FUT (RK)

RK	Non-HRP	Mnth 1	Increase	USD	5,300	5,300	5,800	5,800
RK	HRP	Mnth 1	Increase	USD	5,830	5,300	6,380	5,800
RK	Non-HRP	Mnth 2	Decrease	USD	3,300	3,300	2,600	2,600
RK	HRP	Mnth 2	Decrease	USD	3,630	3,300	2,860	2,600

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								
118 SYNTHET MOGAS92 UNLEADED (P (118))								
118	Non-HRP	Mnth 2	Decrease	USD	1,100	1,100	940	940
118	HRP	Mnth 2	Decrease	USD	1,210	1,100	1,034	940
118	Non-HRP	Mnth 1	Decrease	USD	1,150	1,150	1,025	1,025
118	HRP	Mnth 1	Decrease	USD	1,265	1,150	1,128	1,025
118	Non-HRP	Mnths 3+	Decrease	USD	1,050	1,050	890	890
118	HRP	Mnths 3+	Decrease	USD	1,155	1,050	979	890
123 SYNTHET GULF COAST NO.6 FUE (123)								
123	Non-HRP	Mnths 2-6	Decrease	USD	825	825	710	710
123	HRP	Mnths 2-6	Decrease	USD	908	825	781	710
123	Non-HRP	Mnths 7-24	Decrease	USD	725	725	630	630
123	HRP	Mnths 7-24	Decrease	USD	798	725	693	630
123	Non-HRP	Mnths 25+	Decrease	USD	550	550	450	450
123	HRP	Mnths 25+	Decrease	USD	605	550	495	450
EIA FLAT TAX ONHWAY DIESEL FUT (A5)								
A5	Non-HRP	Mnth 1	Decrease	USD	22,000	22,000	19,000	19,000
A5	HRP	Mnth 1	Decrease	USD	24,200	22,000	20,900	19,000
A5	Non-HRP	Mnths 2-6	Decrease	USD	21,500	21,500	18,000	18,000
A5	HRP	Mnths 2-6	Decrease	USD	23,650	21,500	19,800	18,000
A5	Non-HRP	Mnths 7+	Decrease	USD	12,000	12,000	9,000	9,000
A5	HRP	Mnths 7+	Decrease	USD	13,200	12,000	9,900	9,000
EIA FLAT TAX US RETAIL GASOLINE FUT (JE)								
JE	Non-HRP	Month 1	Decrease	USD	14,250	14,250	12,500	12,500
JE	HRP	Month 1	Decrease	USD	15,675	14,250	13,750	12,500
JE	Non-HRP	Mths 2-7	Decrease	USD	14,000	14,000	12,000	12,000
JE	HRP	Mths 2-7	Decrease	USD	15,400	14,000	13,200	12,000
JE	Non-HRP	Mths 8+	Decrease	USD	9,500	9,500	8,000	8,000
JE	HRP	Mths 8+	Decrease	USD	10,450	9,500	8,800	8,000
EUR 0.5% VS. EUR 3.5% (R53)								
R53	Non-HRP	Month 1	Decrease	USD	31,500	31,500	25,500	25,500
R53	HRP	Month 1	Decrease	USD	34,650	31,500	28,050	25,500
R53	Non-HRP	Month 2	Decrease	USD	31,000	31,000	24,000	24,000
R53	HRP	Month 2	Decrease	USD	34,100	31,000	26,400	24,000
R53	Non-HRP	Month 3+	Decrease	USD	30,500	30,500	23,500	23,500
R53	HRP	Month 3+	Decrease	USD	33,550	30,500	25,850	23,500

SPAN MINIMUM PERFORMANCE BOND REQUIREMENTS

CC	Rate Type	Description	Change	ISO	Current Initial	Current Maintenance	New Initial	New Maintenance
Outright Rates								
EUROPE 1% FUEL OIL NWE CALFUT (UF)								
UF	Non-HRP	Mnth 1	Decrease	USD	78,000	78,000	63,000	63,000
UF	HRP	Mnth 1	Decrease	USD	85,800	78,000	69,300	63,000
UF	Non-HRP	Mnths 2-6	Decrease	USD	77,500	77,500	61,000	61,000
UF	HRP	Mnths 2-6	Decrease	USD	85,250	77,500	67,100	61,000
UF	Non-HRP	Mnths 7+	Decrease	USD	76,000	76,000	60,000	60,000
UF	HRP	Mnths 7+	Decrease	USD	83,600	76,000	66,000	60,000
EUROPE 3.5% FUEL OIL RDAM CALFUT (UV)								
UV	Non-HRP	Mths 1	Decrease	USD	61,000	61,000	55,000	55,000
UV	HRP	Mths 1	Decrease	USD	67,100	61,000	60,500	55,000
UV	Non-HRP	Mnths 2	Decrease	USD	60,000	60,000	52,000	52,000
UV	HRP	Mnths 2	Decrease	USD	66,000	60,000	57,200	52,000
UV	Non-HRP	Mnths 3-10	Decrease	USD	58,000	58,000	50,000	50,000
UV	HRP	Mnths 3-10	Decrease	USD	63,800	58,000	55,000	50,000
UV	Non-HRP	Mnths 11+	Decrease	USD	51,000	51,000	43,000	43,000
UV	HRP	Mnths 11+	Decrease	USD	56,100	51,000	47,300	43,000
EUROPE NAPHTHA CALFUT (UN)								
UN	Non-HRP	Mths 1	Decrease	USD	87,000	87,000	82,000	82,000
UN	HRP	Mths 1	Decrease	USD	95,700	87,000	90,200	82,000
UN	Non-HRP	Mths 2-6	Decrease	USD	77,000	77,000	70,000	70,000
UN	HRP	Mths 2-6	Decrease	USD	84,700	77,000	77,000	70,000
UN	Non-HRP	Mnths 7+	Decrease	USD	60,000	60,000	53,000	53,000
UN	HRP	Mnths 7+	Decrease	USD	66,000	60,000	58,300	53,000
EUROPEAN FOB RDAM MARINE FUEL 0.5% (R5F)								
R5F	Non-HRP	Month 1	Decrease	USD	68,200	68,200	61,500	61,500
R5F	HRP	Month 1	Decrease	USD	75,020	68,200	67,650	61,500
R5F	Non-HRP	Month 2	Decrease	USD	68,000	68,000	61,000	61,000
R5F	HRP	Month 2	Decrease	USD	74,800	68,000	67,100	61,000
R5F	Non-HRP	Month 3+	Decrease	USD	66,000	66,000	59,000	59,000
R5F	HRP	Month 3+	Decrease	USD	72,600	66,000	64,900	59,000

SPAN MINIMUM PERFORMANCE BOND REQUIREMENTS

CC	Rate Type	Description	Change	ISO	Current Initial	Current Maintenance	New Initial	New Maintenance
Outright Rates								
EUROPEAN GASOIL ICE FUTURE (7F)								
7F	Non-HRP	Mnth 1	Decrease	USD	12,900	12,900	11,500	11,500
7F	HRP	Mnth 1	Decrease	USD	14,190	12,900	12,650	11,500
7F	Non-HRP	Mnths 2	Decrease	USD	11,400	11,400	9,800	9,800
7F	HRP	Mnths 2	Decrease	USD	12,540	11,400	10,780	9,800
7F	Non-HRP	Mnths 7-11	Decrease	USD	7,400	7,400	6,000	6,000
7F	HRP	Mnths 7-11	Decrease	USD	8,140	7,400	6,600	6,000
7F	Non-HRP	Mnths 3-6	New	USD			8,500	8,500
7F	HRP	Mnths 3-6	New	USD			9,350	8,500
EUROPEAN GASOIL ICE TAS FUTURE (7FT)								
7FT	Non-HRP	Mnth 1	Decrease	USD	12,900	12,900	11,500	11,500
7FT	HRP	Mnth 1	Decrease	USD	14,190	12,900	12,650	11,500
7FT	Non-HRP	Mnths 2	Decrease	USD	11,400	11,400	9,800	9,800
7FT	HRP	Mnths 2	Decrease	USD	12,540	11,400	10,780	9,800
7FT	Non-HRP	Mnths 7-11	Decrease	USD	7,400	7,400	6,000	6,000
7FT	HRP	Mnths 7-11	Decrease	USD	8,140	7,400	6,600	6,000
7FT	Non-HRP	Mnths 3-6	New	USD			8,500	8,500
7FT	HRP	Mnths 3-6	New	USD			9,350	8,500
GAS EURO-BOB OXY (ARG) NEW BRG (7H)								
7H	Non-HRP	Mnth 1	Decrease	USD	97,500	97,500	85,000	85,000
7H	HRP	Mnth 1	Decrease	USD	107,250	97,500	93,500	85,000
7H	Non-HRP	Mnths 2-6	Decrease	USD	95,000	95,000	80,000	80,000
7H	HRP	Mnths 2-6	Decrease	USD	104,500	95,000	88,000	80,000
7H	Non-HRP	Mnths 7-12	Decrease	USD	73,000	73,000	60,000	60,000
7H	HRP	Mnths 7-12	Decrease	USD	80,300	73,000	66,000	60,000
7H	Non-HRP	Mnths 13+	Decrease	USD	55,000	55,000	50,000	50,000
7H	HRP	Mnths 13+	Decrease	USD	60,500	55,000	55,000	50,000
GASOIL BULLET FUT (BG)								
BG	Non-HRP	Mnth 1	Decrease	USD	129,000	129,000	115,000	115,000
BG	HRP	Mnth 1	Decrease	USD	141,900	129,000	126,500	115,000
BG	Non-HRP	Mnths 2	Decrease	USD	114,000	114,000	98,000	98,000
BG	HRP	Mnths 2	Decrease	USD	125,400	114,000	107,800	98,000
BG	Non-HRP	Mnths 7-11	Decrease	USD	74,000	74,000	60,000	60,000
BG	HRP	Mnths 7-11	Decrease	USD	81,400	74,000	66,000	60,000
BG	Non-HRP	Mnths 3-6	New	USD			85,000	85,000
BG	HRP	Mnths 3-6	New	USD			93,500	85,000

SPAN MINIMUM PERFORMANCE BOND REQUIREMENTS

CC	Rate Type	Description	Change	ISO	Current Initial	Current Maintenance	New Initial	New Maintenance
Outright Rates								
GULF COAST HSFO (PLATTS) FUTURES (MF)								
MF	Non-HRP	Mnths 2-6	Decrease	USD	8,250	8,250	7,100	7,100
MF	HRP	Mnths 2-6	Decrease	USD	9,075	8,250	7,810	7,100
MF	Non-HRP	Mnths 7-24	Decrease	USD	7,250	7,250	6,300	6,300
MF	HRP	Mnths 7-24	Decrease	USD	7,975	7,250	6,930	6,300
MF	Non-HRP	Mnths 25+	Decrease	USD	5,500	5,500	4,500	4,500
MF	HRP	Mnths 25+	Decrease	USD	6,050	5,500	4,950	4,500
GULF COAST ULSD CALENDAR FUT (LY)								
LY	Non-HRP	Mnths 2-6	Decrease	USD	15,500	15,500	14,000	14,000
LY	HRP	Mnths 2-6	Decrease	USD	17,050	15,500	15,400	14,000
MICRO EURO MARINE 0.5% FO BARGES (R50)								
R50	Non-HRP	Month 1	Decrease	USD	682	682	615	615
R50	HRP	Month 1	Decrease	USD	750	682	677	615
R50	Non-HRP	Month 2	Decrease	USD	680	680	610	610
R50	HRP	Month 2	Decrease	USD	748	680	671	610
R50	Non-HRP	Month 3+	Decrease	USD	660	660	590	590
R50	HRP	Month 3+	Decrease	USD	726	660	649	590
MICRO EUROPEAN 3.5% FUEL OIL BARGES (MEF)								
MEF	Non-HRP	Mths 1	Decrease	USD	610	610	550	550
MEF	HRP	Mths 1	Decrease	USD	671	610	605	550
MEF	Non-HRP	Mnths 2	Decrease	USD	600	600	520	520
MEF	HRP	Mnths 2	Decrease	USD	660	600	572	520
MEF	Non-HRP	Mnths 3-10	Decrease	USD	580	580	500	500
MEF	HRP	Mnths 3-10	Decrease	USD	638	580	550	500
MEF	Non-HRP	Mnths 11+	Decrease	USD	510	510	430	430
MEF	HRP	Mnths 11+	Decrease	USD	561	510	473	430
MICRO SINGAPORE FOB MARINE FUEL 0.5 (S50)								
S50	Non-HRP	Month 1	Decrease	USD	773	773	660	660
S50	HRP	Month 1	Decrease	USD	850	773	726	660
S50	Non-HRP	Month 2	Decrease	USD	770	770	650	650
S50	HRP	Month 2	Decrease	USD	847	770	715	650
S50	Non-HRP	Month 3+	Decrease	USD	720	720	600	600
S50	HRP	Month 3+	Decrease	USD	792	720	660	600

SPAN MINIMUM PERFORMANCE BOND REQUIREMENTS

CC	Rate Type	Description	Change	ISO	Current Initial	Current Maintenance	New Initial	New Maintenance
Outright Rates								
MICRO SINGAPORE FUEL OIL 380CST (PL (MAF)								
MAF	Non-HRP	Mnth 1	Decrease	USD	580	580	510	510
MAF	HRP	Mnth 1	Decrease	USD	638	580	561	510
MAF	Non-HRP	Mnths 2	Decrease	USD	540	540	470	470
MAF	HRP	Mnths 2	Decrease	USD	594	540	517	470
MAF	Non-HRP	Mnths 3-13	Decrease	USD	490	490	430	430
MAF	HRP	Mnths 3-13	Decrease	USD	539	490	473	430
MAF	Non-HRP	Mnths 14+	Decrease	USD	470	470	410	410
MAF	HRP	Mnths 14+	Decrease	USD	517	470	451	410
MIN EUR 1% FUEL OIL CRGO FOBNWE FUT (0B)								
0B	Non-HRP	Mnth 1	Decrease	USD	7,800	7,800	6,300	6,300
0B	HRP	Mnth 1	Decrease	USD	8,580	7,800	6,930	6,300
0B	Non-HRP	Mnths 2-6	Decrease	USD	7,750	7,750	6,100	6,100
0B	HRP	Mnths 2-6	Decrease	USD	8,525	7,750	6,710	6,100
0B	Non-HRP	Mnths 7+	Decrease	USD	7,600	7,600	6,000	6,000
0B	HRP	Mnths 7+	Decrease	USD	8,360	7,600	6,600	6,000
MIN EURO NPHTHA CIF NWE FUT (MNC)								
MNC	Non-HRP	Mths 1	Decrease	USD	8,700	8,700	8,200	8,200
MNC	HRP	Mths 1	Decrease	USD	9,570	8,700	9,020	8,200
MNC	Non-HRP	Mths 2-6	Decrease	USD	7,700	7,700	7,000	7,000
MNC	HRP	Mths 2-6	Decrease	USD	8,470	7,700	7,700	7,000
MNC	Non-HRP	Mnths 7+	Decrease	USD	6,000	6,000	5,300	5,300
MNC	HRP	Mnths 7+	Decrease	USD	6,600	6,000	5,830	5,300
MINI EURO 3.5% FUEL OIL FOB RDM FUT (0D)								
0D	Non-HRP	Mths 1	Decrease	USD	6,100	6,100	5,500	5,500
0D	HRP	Mths 1	Decrease	USD	6,710	6,100	6,050	5,500
0D	Non-HRP	Mnths 2	Decrease	USD	6,000	6,000	5,200	5,200
0D	HRP	Mnths 2	Decrease	USD	6,600	6,000	5,720	5,200
0D	Non-HRP	Mnths 3-10	Decrease	USD	5,800	5,800	5,000	5,000
0D	HRP	Mnths 3-10	Decrease	USD	6,380	5,800	5,500	5,000
0D	Non-HRP	Mnths 11+	Decrease	USD	5,100	5,100	4,300	4,300
0D	HRP	Mnths 11+	Decrease	USD	5,610	5,100	4,730	4,300

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

MINI EUROPEAN FOB RDAM MARINE FUEL (R5M)

R5M	Non-HRP	Month 1	Decrease	USD	6,820	6,820	6,150	6,150
R5M	HRP	Month 1	Decrease	USD	7,502	6,820	6,765	6,150
R5M	Non-HRP	Month 2	Decrease	USD	6,800	6,800	6,100	6,100
R5M	HRP	Month 2	Decrease	USD	7,480	6,800	6,710	6,100
R5M	Non-HRP	Month 3+	Decrease	USD	6,600	6,600	5,900	5,900
R5M	HRP	Month 3+	Decrease	USD	7,260	6,600	6,490	5,900

MINI GAS EUROBOB OXY BARGES FUT (MEO)

MEO	Non-HRP	Mnth 1	Decrease	USD	97,500	97,500	85,000	85,000
MEO	HRP	Mnth 1	Decrease	USD	107,250	97,500	93,500	85,000
MEO	Non-HRP	Mnths 2-6	Decrease	USD	95,000	95,000	80,000	80,000
MEO	HRP	Mnths 2-6	Decrease	USD	104,500	95,000	88,000	80,000
MEO	Non-HRP	Mnths 7-12	Decrease	USD	73,000	73,000	60,000	60,000
MEO	HRP	Mnths 7-12	Decrease	USD	80,300	73,000	66,000	60,000
MEO	Non-HRP	Mnths 13+	Decrease	USD	55,000	55,000	50,000	50,000
MEO	HRP	Mnths 13+	Decrease	USD	60,500	55,000	55,000	50,000

MINI SINGAPORE 380CST FUEL OIL FUT (MTS)

MTS	Non-HRP	Mnth 1	Decrease	USD	5,800	5,800	5,100	5,100
MTS	HRP	Mnth 1	Decrease	USD	6,380	5,800	5,610	5,100
MTS	Non-HRP	Mnths 2	Decrease	USD	5,400	5,400	4,700	4,700
MTS	HRP	Mnths 2	Decrease	USD	5,940	5,400	5,170	4,700
MTS	Non-HRP	Mnths 3-13	Decrease	USD	4,900	4,900	4,300	4,300
MTS	HRP	Mnths 3-13	Decrease	USD	5,390	4,900	4,730	4,300
MTS	Non-HRP	Mnths 14+	Decrease	USD	4,700	4,700	4,100	4,100
MTS	HRP	Mnths 14+	Decrease	USD	5,170	4,700	4,510	4,100

MINI SINGAPORE FOB MARINE FUEL 0.5% (S5M)

S5M	Non-HRP	Month 1	Decrease	USD	7,725	7,725	6,600	6,600
S5M	HRP	Month 1	Decrease	USD	8,498	7,725	7,260	6,600
S5M	Non-HRP	Month 2	Decrease	USD	7,700	7,700	6,500	6,500
S5M	HRP	Month 2	Decrease	USD	8,470	7,700	7,150	6,500
S5M	Non-HRP	Month 3+	Decrease	USD	7,200	7,200	6,000	6,000
S5M	HRP	Month 3+	Decrease	USD	7,920	7,200	6,600	6,000

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	Non-HRP	Mnth 1	Decrease	USD	1,500	1,500	1,300	1,300
MSG	HRP	Mnth 1	Decrease	USD	1,650	1,500	1,430	1,300
MSG	Non-HRP	Mnths 2-6	Decrease	USD	1,450	1,450	1,200	1,200
MSG	HRP	Mnths 2-6	Decrease	USD	1,595	1,450	1,320	1,200
MSG	Non-HRP	Mnths 7+	Decrease	USD	850	850	750	750
MSG	HRP	Mnths 7+	Decrease	USD	935	850	825	750
MOGAS92 UNLEADED (PLATTS) FUT (1N)								
1N	Non-HRP	Mnth 2	Decrease	USD	11,000	11,000	9,400	9,400
1N	HRP	Mnth 2	Decrease	USD	12,100	11,000	10,340	9,400
1N	Non-HRP	Mnth 1	Decrease	USD	11,500	11,500	10,250	10,250
1N	HRP	Mnth 1	Decrease	USD	12,650	11,500	11,275	10,250
1N	Non-HRP	Mnths 3+	Decrease	USD	10,500	10,500	8,900	8,900
1N	HRP	Mnths 3+	Decrease	USD	11,550	10,500	9,790	8,900
PREMIUM UNLD 10P FOB MED FUT (3G)								
3G	Non-HRP	Mnth 1	Decrease	USD	116,000	116,000	93,000	93,000
3G	HRP	Mnth 1	Decrease	USD	127,600	116,000	102,300	93,000
3G	Non-HRP	Mnths 2+	Decrease	USD	115,000	115,000	92,000	92,000
3G	HRP	Mnths 2+	Decrease	USD	126,500	115,000	101,200	92,000
SINGAPORE 380CST FUEL OIL FUT (SE)								
SE	Non-HRP	Mnth 1	Decrease	USD	58,000	58,000	51,000	51,000
SE	HRP	Mnth 1	Decrease	USD	63,800	58,000	56,100	51,000
SE	Non-HRP	Mnths 2	Decrease	USD	54,000	54,000	47,000	47,000
SE	HRP	Mnths 2	Decrease	USD	59,400	54,000	51,700	47,000
SE	Non-HRP	Mnths 3-13	Decrease	USD	49,000	49,000	43,000	43,000
SE	HRP	Mnths 3-13	Decrease	USD	53,900	49,000	47,300	43,000
SE	Non-HRP	Mnths 14+	Decrease	USD	47,000	47,000	41,000	41,000
SE	HRP	Mnths 14+	Decrease	USD	51,700	47,000	45,100	41,000
SINGAPORE FOB MARINE 0.5% (PLATTS) (S53)								
S53	Non-HRP	Month 1	Decrease	USD	39,000	39,000	33,000	33,000
S53	HRP	Month 1	Decrease	USD	42,900	39,000	36,300	33,000
S53	Non-HRP	Month 2	Decrease	USD	38,750	38,750	32,000	32,000
S53	HRP	Month 2	Decrease	USD	42,625	38,750	35,200	32,000
S53	Non-HRP	Month 3+	Decrease	USD	38,500	38,500	31,750	31,750
S53	HRP	Month 3+	Decrease	USD	42,350	38,500	34,925	31,750

SPAN MINIMUM PERFORMANCE BOND REQUIREMENTS

CC	Rate Type	Description	Change	ISO	Current Initial	Current Maintenance	New Initial	New Maintenance
Outright Rates								
SINGAPORE FOB MARINE FUEL 0.5% (PLA (S5F))								
S5F	Non-HRP	Month 1	Decrease	USD	77,250	77,250	66,000	66,000
S5F	HRP	Month 1	Decrease	USD	84,975	77,250	72,600	66,000
S5F	Non-HRP	Month 2	Decrease	USD	77,000	77,000	65,000	65,000
S5F	HRP	Month 2	Decrease	USD	84,700	77,000	71,500	65,000
S5F	Non-HRP	Month 3+	Decrease	USD	72,000	72,000	60,000	60,000
S5F	HRP	Month 3+	Decrease	USD	79,200	72,000	66,000	60,000
SINGAPORE GASOIL FUT (SG)								
SG	Non-HRP	Mnth 1	Decrease	USD	15,000	15,000	13,000	13,000
SG	HRP	Mnth 1	Decrease	USD	16,500	15,000	14,300	13,000
SG	Non-HRP	Mnths 2-6	Decrease	USD	14,500	14,500	12,000	12,000
SG	HRP	Mnths 2-6	Decrease	USD	15,950	14,500	13,200	12,000
SG	Non-HRP	Mnths 7+	Decrease	USD	8,500	8,500	7,500	7,500
SG	HRP	Mnths 7+	Decrease	USD	9,350	8,500	8,250	7,500
SINGAPORE JET KEROSENE FUT (KS)								
KS	Non-HRP	Mnth 1	Decrease	USD	17,000	17,000	15,000	15,000
KS	HRP	Mnth 1	Decrease	USD	18,700	17,000	16,500	15,000
KS	Non-HRP	Mnths 2-6	Decrease	USD	16,500	16,500	14,000	14,000
KS	HRP	Mnths 2-6	Decrease	USD	18,150	16,500	15,400	14,000
KS	Non-HRP	Mnths 7+	Decrease	USD	10,000	10,000	7,500	7,500
KS	HRP	Mnths 7+	Decrease	USD	11,000	10,000	8,250	7,500
SYNT GULF COAST ULSD CALENDAR FU (SLY)								
SLY	Non-HRP	Mnths 2-6	Decrease	USD	15,500	15,500	14,000	14,000
SLY	HRP	Mnths 2-6	Decrease	USD	17,050	15,500	15,400	14,000
SYNTH 111 GULF COAST ULSD CAL FUTUR (111)								
111	Non-HRP	Mnths 2-6	Decrease	USD	1,550	1,550	1,400	1,400
111	HRP	Mnths 2-6	Decrease	USD	1,705	1,550	1,540	1,400
SYNTH 116 GAS EURO-BOB OXY (ARG) (116)								
116	Non-HRP	Mnth 1	Decrease	USD	9,750	9,750	8,500	8,500
116	HRP	Mnth 1	Decrease	USD	10,725	9,750	9,350	8,500
116	Non-HRP	Mnths 2-6	Decrease	USD	9,500	9,500	8,000	8,000
116	HRP	Mnths 2-6	Decrease	USD	10,450	9,500	8,800	8,000
116	Non-HRP	Mnths 7-12	Decrease	USD	7,300	7,300	6,000	6,000
116	HRP	Mnths 7-12	Decrease	USD	8,030	7,300	6,600	6,000
116	Non-HRP	Mnths 13+	Decrease	USD	5,500	5,500	5,000	5,000
116	HRP	Mnths 13+	Decrease	USD	6,050	5,500	5,500	5,000

SPAN MINIMUM PERFORMANCE BOND REQUIREMENTS

CC	Rate Type	Description	Change	ISO	Current Initial	Current Maintenance	New Initial	New Maintenance
Outright Rates								
SYNTHET GULF COAST NO.6 FUEL OIL 3 (SMF)								
SMF	Non-HRP	Mnths 2-6	Decrease	USD	8,250	8,250	7,100	7,100
SMF	HRP	Mnths 2-6	Decrease	USD	9,075	8,250	7,810	7,100
SMF	Non-HRP	Mnths 7-24	Decrease	USD	7,250	7,250	6,300	6,300
SMF	HRP	Mnths 7-24	Decrease	USD	7,975	7,250	6,930	6,300
SMF	Non-HRP	Months 25+	Decrease	USD	5,500	5,500	4,500	4,500
SMF	HRP	Months 25+	Decrease	USD	6,050	5,500	4,950	4,500
SYNTHETI SINGAPORE JET KEROSENE FUT (SKS)								
SKS	Non-HRP	Mnth 1	Decrease	USD	17,000	17,000	15,000	15,000
SKS	HRP	Mnth 1	Decrease	USD	18,700	17,000	16,500	15,000
SKS	Non-HRP	Mnths 2-6	Decrease	USD	16,500	16,500	14,000	14,000
SKS	HRP	Mnths 2-6	Decrease	USD	18,150	16,500	15,400	14,000
SKS	Non-HRP	Mnths 7+	Decrease	USD	10,000	10,000	7,500	7,500
SKS	HRP	Mnths 7+	Decrease	USD	11,000	10,000	8,250	7,500
SYNTHETIC GASOIL BULLET FUT (SBG)								
SBG	Non-HRP	Mnth 1	Decrease	USD	129,000	129,000	115,000	115,000
SBG	HRP	Mnth 1	Decrease	USD	141,900	129,000	126,500	115,000
SBG	Non-HRP	Mnths 2	Decrease	USD	114,000	114,000	98,000	98,000
SBG	HRP	Mnths 2	Decrease	USD	125,400	114,000	107,800	98,000
SBG	Non-HRP	Mnths 7-11	Decrease	USD	74,000	74,000	60,000	60,000
SBG	HRP	Mnths 7-11	Decrease	USD	81,400	74,000	66,000	60,000
SBG	Non-HRP	Mnths 3-6	New	USD			85,000	85,000
SBG	HRP	Mnths 3-6	New	USD			93,500	85,000
SYNTHETIC SINGAPORE GASOIL FUT (SSG)								
SSG	Non-HRP	Mnth 1	Decrease	USD	15,000	15,000	13,000	13,000
SSG	HRP	Mnth 1	Decrease	USD	16,500	15,000	14,300	13,000
SSG	Non-HRP	Mnths 2-6	Decrease	USD	14,500	14,500	12,000	12,000
SSG	HRP	Mnths 2-6	Decrease	USD	15,950	14,500	13,200	12,000
SSG	Non-HRP	Mnths 7+	Decrease	USD	8,500	8,500	7,500	7,500
SSG	HRP	Mnths 7+	Decrease	USD	9,350	8,500	8,250	7,500
USGC MARINE FUEL 0.5% (PLATTS) FUT (H5F)								
H5F	Non-HRP	Month 1	Decrease	USD	12,100	12,100	10,750	10,750
H5F	HRP	Month 1	Decrease	USD	13,310	12,100	11,825	10,750
H5F	Non-HRP	Month 2	Decrease	USD	12,000	12,000	10,500	10,500
H5F	HRP	Month 2	Decrease	USD	13,200	12,000	11,550	10,500
H5F	Non-HRP	Month 3+	Decrease	USD	10,500	10,500	9,000	9,000
H5F	HRP	Month 3+	Decrease	USD	11,550	10,500	9,900	9,000

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

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

UP5	Non-HRP	Month 1	Decrease	USD	76,835	76,835	68,263	68,263
UP5	HRP	Month 1	Decrease	USD	84,519	76,835	75,089	68,263
UP5	Non-HRP	Month 2	Decrease	USD	76,200	76,200	66,675	66,675
UP5	HRP	Month 2	Decrease	USD	83,820	76,200	73,343	66,675
UP5	Non-HRP	Month 3+	Decrease	USD	66,675	66,675	57,150	57,150
UP5	HRP	Month 3+	Decrease	USD	73,343	66,675	62,865	57,150

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

CRUDE OIL SPREADS - Intra Spreads

Consecutives 2vs3 (ICE BRENT DUBAI FUT)

DB	Non-HRP		Decrease	USD	350	350	250	250
DB	HRP		Decrease	USD	385	350	275	250

Dubai Brent Swap - Mnth 1 vs Mnths 3-8 (ICE BRENT DUBAI FUT)

DB	Non-HRP		Decrease	USD	650	650	460	460
DB	HRP		Decrease	USD	715	650	506	460

Dubai Brent Swap - Mnth 1 vs Mnths 9+ (ICE BRENT DUBAI FUT)

DB	Non-HRP		Decrease	USD	400	400	275	275
DB	HRP		Decrease	USD	440	400	303	275

Mnth1 vs 2 (MARS (ARGUS) V WTI TRD MTH FUT)

YV	Non-HRP		Decrease	USD	1,100	1,100	750	750
YV	HRP		Decrease	USD	1,210	1,100	825	750

SPAN MINIMUM PERFORMANCE BOND REQUIREMENTS

CC	Rate Type	Description	Change	ISO	Current Initial	Current Maintenance	New Initial	New Maintenance
Intra Spreads								
EQUITY INDEX - Intra Spreads								
S&P 500 Annual Dividend Index Future: Months 10-11 vs Months 10-11 (S&P 500 ANNUAL DIVIDEND INDEX FUT)								
SDA	Non-HRP		Increase	USD	700	700	1,050	1,050
SDA	HRP		Increase	USD	770	700	1,155	1,050
S&P 500 Annual Dividend Index Future: Months 7-9 vs Months 10-11 (S&P 500 ANNUAL DIVIDEND INDEX FUT)								
SDA	Non-HRP		Increase	USD	750	750	1,100	1,100
SDA	HRP		Increase	USD	825	750	1,210	1,100
S&P 500 Annual Dividend Index Future: Months 7-9 vs Months 7-9 (S&P 500 ANNUAL DIVIDEND INDEX FUT)								
SDA	Non-HRP		Increase	USD	700	700	1,050	1,050
SDA	HRP		Increase	USD	770	700	1,155	1,050
S&P 500 Stock Index - Month 2 vs 4 (BTIC ON E-MINI S&P 500 FUTURES)								
EST	Non-HRP		Increase	USD	700	700	850	850
EST	HRP		Increase	USD	770	700	935	850
S&P 500 Stock Index - Month 2 vs 4 (E-MINI S&P 500 FUTURES MARKER)								
ESI	Non-HRP		Increase	USD	700	700	850	850
ESI	HRP		Increase	USD	770	700	935	850
S&P 500 Stock Index - Month 2 vs 4 (E-MINI S&P 500 FUTURES)								
ES	Non-HRP		Increase	USD	700	700	850	850
ES	HRP		Increase	USD	770	700	935	850
S&P 500 Stock Index - Month 2 vs 4 (MICRO E-MINI S&P 500 FUTURES)								
MES	Non-HRP		Increase	USD	70	70	85	85
MES	HRP		Increase	USD	77	70	94	85
S&P 500 Stock Index - Month 2 vs 4 (S&P 500 FUTURES)								
SP	Non-HRP		Increase	USD	3,500	3,500	4,250	4,250
SP	HRP		Increase	USD	3,850	3,500	4,675	4,250
S&P 500 Stock Index - Month 2 vs 4 (TACO ON E-MINI S&P 500 FUTURES)								
ESQ	Non-HRP		Increase	USD	700	700	850	850
ESQ	HRP		Increase	USD	770	700	935	850

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	Non-HRP		Increase	USD	7,200	7,200	8,250	8,250
JET	HRP		Increase	USD	7,920	7,200	9,075	8,250
Los Angeles Carb Diesel (OPIS) Spread Swap - All Months (LA CARBD (OPIS) VS. NY HRBR ULSD)								
KL	Non-HRP		Decrease	USD	3,800	3,800	3,200	3,200
KL	HRP		Decrease	USD	4,180	3,800	3,520	3,200
New York Jet Fuel (Argus) vs. Heating Oil Spread Swap Futures - (5U) - All Months (NY ULSD VS. NY HRBR ULSD FUT)								
7Y	Non-HRP		Decrease	USD	1,750	1,750	1,200	1,200
7Y	HRP		Decrease	USD	1,925	1,750	1,320	1,200
SINGAPORE JET KERO GASOIL SWAP - Consecutives (SINGAPORE JET KERO GASOIL FUT)								
RK	Non-HRP		Increase	USD	475	475	550	550
RK	HRP		Increase	USD	523	475	605	550
Singapore Jet Regrade: Jet Kero vs Gasoil Swap - Month 1 vs 2+ (SINGAPORE JET KERO GASOIL FUT)								
RK	Non-HRP		Decrease	USD	2,000	2,000	1,400	1,400
RK	HRP		Decrease	USD	2,200	2,000	1,540	1,400

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 Bullet Swap - Tier 1 vs Tier 3 (EUROPEAN GASOIL ICE FUTURE)								
7F	Non-HRP		New	USD			2,500	2,500
7F	HRP		New	USD			2,750	2,500
European Gasoil Bullet Swap - Tier 1 vs Tier 3 (EUROPEAN GASOIL ICE TAS FUTURE)								
7FT	Non-HRP		New	USD			2,500	2,500
7FT	HRP		New	USD			2,750	2,500
European Gasoil Bullet Swap - Tier 1 vs Tier 3 (GASOIL BULLET FUT)								
BG	Non-HRP		New	USD			25,000	25,000
BG	HRP		New	USD			27,500	25,000
European Gasoil Bullet Swap - Tier 1 vs Tier 3 (SYNTHETIC GASOIL BULLET FUT)								
SBG	Non-HRP		New	USD			25,000	25,000
SBG	HRP		New	USD			27,500	25,000
European Gasoil Bullet Swap - Tier 1 vs Tier 4 (EUROPEAN GASOIL ICE FUTURE)								
7F	Non-HRP		New	USD			1,500	1,500
7F	HRP		New	USD			1,650	1,500
European Gasoil Bullet Swap - Tier 1 vs Tier 4 (EUROPEAN GASOIL ICE TAS FUTURE)								
7FT	Non-HRP		New	USD			1,500	1,500
7FT	HRP		New	USD			1,650	1,500
European Gasoil Bullet Swap - Tier 1 vs Tier 4 (GASOIL BULLET FUT)								
BG	Non-HRP		New	USD			15,000	15,000
BG	HRP		New	USD			16,500	15,000
European Gasoil Bullet Swap - Tier 1 vs Tier 4 (SYNTHETIC GASOIL BULLET FUT)								
SBG	Non-HRP		New	USD			15,000	15,000
SBG	HRP		New	USD			16,500	15,000
European Gasoil Bullet Swap - Tier 1 vs Tier 5 (EUROPEAN GASOIL ICE FUTURE)								
7F	Non-HRP		New	USD			350	350
7F	HRP		New	USD			385	350
European Gasoil Bullet Swap - Tier 1 vs Tier 5 (EUROPEAN GASOIL ICE TAS FUTURE)								
7FT	Non-HRP		New	USD			350	350
7FT	HRP		New	USD			385	350
European Gasoil Bullet Swap - Tier 1 vs Tier 5 (GASOIL BULLET FUT)								
BG	Non-HRP		New	USD			3,500	3,500
BG	HRP		New	USD			3,850	3,500

SPAN MINIMUM PERFORMANCE BOND REQUIREMENTS

CC	Rate Type	Description	Change	ISO	Current Initial	Current Maintenance	New Initial	New Maintenance
Intra Spreads								
European Gasoil Bullet Swap - Tier 1 vs Tier 5 (SYNTHETIC GASOIL BULLET FUT)								
SBG	Non-HRP		New	USD			3,500	3,500
SBG	HRP		New	USD			3,850	3,500
European Gasoil Bullet Swap - Tier 2 vs Tier 3 (EUROPEAN GASOIL ICE FUTURE)								
7F	Non-HRP		Decrease	USD	2,890	2,890	2,300	2,300
7F	HRP		Decrease	USD	3,179	2,890	2,530	2,300
European Gasoil Bullet Swap - Tier 2 vs Tier 3 (EUROPEAN GASOIL ICE TAS FUTURE)								
7FT	Non-HRP		Decrease	USD	2,890	2,890	2,300	2,300
7FT	HRP		Decrease	USD	3,179	2,890	2,530	2,300
European Gasoil Bullet Swap - Tier 2 vs Tier 3 (GASOIL BULLET FUT)								
BG	Non-HRP		Decrease	USD	28,900	28,900	23,000	23,000
BG	HRP		Decrease	USD	31,790	28,900	25,300	23,000
European Gasoil Bullet Swap - Tier 2 vs Tier 3 (SYNTHETIC GASOIL BULLET FUT)								
SBG	Non-HRP		Decrease	USD	28,900	28,900	23,000	23,000
SBG	HRP		Decrease	USD	31,790	28,900	25,300	23,000
European Gasoil Bullet Swap - Tier 2 vs Tier 4 (EUROPEAN GASOIL ICE FUTURE)								
7F	Non-HRP		New	USD			800	800
7F	HRP		New	USD			880	800
European Gasoil Bullet Swap - Tier 2 vs Tier 4 (EUROPEAN GASOIL ICE TAS FUTURE)								
7FT	Non-HRP		New	USD			800	800
7FT	HRP		New	USD			880	800
European Gasoil Bullet Swap - Tier 2 vs Tier 4 (GASOIL BULLET FUT)								
BG	Non-HRP		New	USD			8,000	8,000
BG	HRP		New	USD			8,800	8,000
European Gasoil Bullet Swap - Tier 2 vs Tier 4 (SYNTHETIC GASOIL BULLET FUT)								
SBG	Non-HRP		New	USD			8,000	8,000
SBG	HRP		New	USD			8,800	8,000
European Gasoil Bullet Swap - Tier 2 vs Tier 5 (EUROPEAN GASOIL ICE FUTURE)								
7F	Non-HRP		New	USD			500	500
7F	HRP		New	USD			550	500
European Gasoil Bullet Swap - Tier 2 vs Tier 5 (EUROPEAN GASOIL ICE TAS FUTURE)								
7FT	Non-HRP		New	USD			500	500
7FT	HRP		New	USD			550	500

SPAN MINIMUM PERFORMANCE BOND REQUIREMENTS

CC	Rate Type	Description	Change	ISO	Current Initial	Current Maintenance	New Initial	New Maintenance
Intra Spreads								
European Gasoil Bullet Swap - Tier 2 vs Tier 5 (GASOIL BULLET FUT)								
BG	Non-HRP		New	USD			5,000	5,000
BG	HRP		New	USD			5,500	5,000
European Gasoil Bullet Swap - Tier 2 vs Tier 5 (SYNTHETIC GASOIL BULLET FUT)								
SBG	Non-HRP		New	USD			5,000	5,000
SBG	HRP		New	USD			5,500	5,000
European Gasoil Bullet Swap - Tier 3 vs Tier 3 (EUROPEAN GASOIL ICE FUTURE)								
7F	Non-HRP		New	USD			2,890	2,890
7F	HRP		New	USD			3,179	2,890
European Gasoil Bullet Swap - Tier 3 vs Tier 3 (EUROPEAN GASOIL ICE TAS FUTURE)								
7FT	Non-HRP		New	USD			2,890	2,890
7FT	HRP		New	USD			3,179	2,890
European Gasoil Bullet Swap - Tier 3 vs Tier 3 (GASOIL BULLET FUT)								
BG	Non-HRP		New	USD			28,900	28,900
BG	HRP		New	USD			31,790	28,900
European Gasoil Bullet Swap - Tier 3 vs Tier 3 (SYNTHETIC GASOIL BULLET FUT)								
SBG	Non-HRP		New	USD			28,900	28,900
SBG	HRP		New	USD			31,790	28,900
European Gasoil Bullet Swap - Tier 3 vs Tier 4 (EUROPEAN GASOIL ICE FUTURE)								
7F	Non-HRP		New	USD			1,500	1,500
7F	HRP		New	USD			1,650	1,500
European Gasoil Bullet Swap - Tier 3 vs Tier 4 (EUROPEAN GASOIL ICE TAS FUTURE)								
7FT	Non-HRP		New	USD			1,500	1,500
7FT	HRP		New	USD			1,650	1,500
European Gasoil Bullet Swap - Tier 3 vs Tier 4 (GASOIL BULLET FUT)								
BG	Non-HRP		New	USD			15,000	15,000
BG	HRP		New	USD			16,500	15,000
European Gasoil Bullet Swap - Tier 3 vs Tier 4 (SYNTHETIC GASOIL BULLET FUT)								
SBG	Non-HRP		New	USD			15,000	15,000
SBG	HRP		New	USD			16,500	15,000
European Gasoil Bullet Swap - Tier 3 vs Tier 5 (EUROPEAN GASOIL ICE FUTURE)								
7F	Non-HRP		New	USD			600	600
7F	HRP		New	USD			660	600

SPAN MINIMUM PERFORMANCE BOND REQUIREMENTS

CC	Rate Type	Description	Change	ISO	Current Initial	Current Maintenance	New Initial	New Maintenance
Intra Spreads								
European Gasoil Bullet Swap - Tier 3 vs Tier 5 (EUROPEAN GASOIL ICE TAS FUTURE)								
7FT	Non-HRP		New	USD			600	600
7FT	HRP		New	USD			660	600
European Gasoil Bullet Swap - Tier 3 vs Tier 5 (GASOIL BULLET FUT)								
BG	Non-HRP		New	USD			6,000	6,000
BG	HRP		New	USD			6,600	6,000
European Gasoil Bullet Swap - Tier 3 vs Tier 5 (SYNTHETIC GASOIL BULLET FUT)								
SBG	Non-HRP		New	USD			6,000	6,000
SBG	HRP		New	USD			6,600	6,000
European Gasoil Bullet Swap - Tier 4 vs Tier 4 (EUROPEAN GASOIL ICE FUTURE)								
7F	Non-HRP		New	USD			1,150	1,150
7F	HRP		New	USD			1,265	1,150
European Gasoil Bullet Swap - Tier 4 vs Tier 4 (EUROPEAN GASOIL ICE TAS FUTURE)								
7FT	Non-HRP		New	USD			1,150	1,150
7FT	HRP		New	USD			1,265	1,150
European Gasoil Bullet Swap - Tier 4 vs Tier 4 (GASOIL BULLET FUT)								
BG	Non-HRP		New	USD			11,500	11,500
BG	HRP		New	USD			12,650	11,500
European Gasoil Bullet Swap - Tier 4 vs Tier 4 (SYNTHETIC GASOIL BULLET FUT)								
SBG	Non-HRP		New	USD			11,500	11,500
SBG	HRP		New	USD			12,650	11,500
European Gasoil Bullet Swap - Tier 4 vs Tier 5 (EUROPEAN GASOIL ICE FUTURE)								
7F	Non-HRP		New	USD			130	130
7F	HRP		New	USD			143	130
European Gasoil Bullet Swap - Tier 4 vs Tier 5 (EUROPEAN GASOIL ICE TAS FUTURE)								
7FT	Non-HRP		New	USD			130	130
7FT	HRP		New	USD			143	130
European Gasoil Bullet Swap - Tier 4 vs Tier 5 (GASOIL BULLET FUT)								
BG	Non-HRP		New	USD			1,300	1,300
BG	HRP		New	USD			1,430	1,300
European Gasoil Bullet Swap - Tier 4 vs Tier 5 (SYNTHETIC GASOIL BULLET FUT)								
SBG	Non-HRP		New	USD			1,300	1,300
SBG	HRP		New	USD			1,430	1,300

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

European Gasoil Bullet Swap - Tier 5 vs Tier 5 (EUROPEAN GASOIL ICE FUTURE)

7F	Non-HRP		New	USD			270	270
7F	HRP		New	USD			297	270

European Gasoil Bullet Swap - Tier 5 vs Tier 5 (EUROPEAN GASOIL ICE TAS FUTURE)

7FT	Non-HRP		New	USD			270	270
7FT	HRP		New	USD			297	270

European Gasoil Bullet Swap - Tier 5 vs Tier 5 (GASOIL BULLET FUT)

BG	Non-HRP		New	USD			2,700	2,700
BG	HRP		New	USD			2,970	2,700

European Gasoil Bullet Swap - Tier 5 vs Tier 5 (SYNTHETIC GASOIL BULLET FUT)

SBG	Non-HRP		New	USD			2,700	2,700
SBG	HRP		New	USD			2,970	2,700

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						
CHICAGO ULSD (PLATTS) SWAP FUTURES (NY-4C - CME) vs LIGHT SWEET CRUDE OIL FUTURES (NY-CL - CME)						
Spread Credit Rate	Decrease	+1:-1	74%	74%	67%	67%
GROUP THREE ULSD (PLATTS) SWAP FUTURES (NY-A7 - CME) vs LIGHT SWEET CRUDE OIL FUTURES (NY-CL - CME)						
Spread Credit Rate	Decrease	+1:-1	80%	80%	76%	76%
Spread Credit Rate	Decrease	+1:-1	81%	81%	77%	77%
GULF COAST ULSD (PLATTS) SWAP FUTURES (NY-LY - CME) vs BRENT CRUDE OIL LAST DAY FINANCIAL FUTURES (NY-BZ - CME)						
Spread Credit Rate	Decrease	+1:-1	80%	80%	76%	76%
Spread Credit Rate	Decrease	+1:-1	66%	66%	54%	54%
Spread Credit Rate	Decrease	+1:-1	70%	70%	62%	62%
GULF COAST ULSD (PLATTS) SWAP FUTURES (NY-LY - CME) vs DATED BRENT (PLATTS) CALENDAR SWAP FUTURES (NY-UB - CME)						
Spread Credit Rate	Decrease	+1:-1	81%	81%	75%	75%
CRUDE OIL SPREADS - Inter-commodity Spread Rates						
ARGUS LLS VS. WTI (ARGUS) TRADE MONTH SWAP FUTURES (NY-E5 - CME) vs MARS (ARGUS) VS. WTI SPREAD CALENDAR SWAP FUTURES (NY-YX - CME)						
Spread Credit Rate	Decrease	+1:-1	40%	40%	30%	30%
Spread Credit Rate	Decrease	+1:-1	30%	30%	25%	25%
MARS (ARGUS) VS. WTI SPREAD TRADE MONTH SWAP FUTURES (NY-YV - CME) vs MARS (ARGUS) VS. WTI SPREAD CALENDAR SWAP FUTURES (NY-YX - CME)						
Spread Credit Rate	New	+1:-1			79%	79%
Spread Credit Rate	Decrease	+1:-1	85%	85%	80%	80%
WTI HOUSTON (ARGUS) VS. WTI TRADE MONTH FUTURES (NY-HTT - CME) vs MARS (ARGUS) VS. WTI SPREAD CALENDAR SWAP FUTURES (NY-YX - CME)						
Spread Credit Rate	Decrease	+1:-1	35%	35%	30%	30%
Spread Credit Rate	Decrease	+1:-1	30%	30%	25%	25%
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	Decrease	+1:-1	36%	36%	25%	25%
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	Decrease	+1:-1	38%	38%	25%	25%

SPAN MINIMUM PERFORMANCE BOND REQUIREMENTS

Rate Type	Change	Ratio	Current Initial	Current Maintenance	New Initial	New Maintenance
Inter-commodity Spread Rates						
DME Products - Inter-commodity Spread Rates						
NEW YORK HARBOR NO. 2 HEATING OIL FUTURES (NY-HO - CME) vs OMAN CRUDE OIL (NY-OQ - CME)						
Spread Credit Rate	Decrease	+1:-1	72%	72%	60%	60%
Spread Credit Rate	New	+1:-1			68%	68%
Spread Credit Rate	New	+1:-1			72%	72%
Spread Credit Rate	Decrease	+1:-1	78%	78%	73%	73%
OMAN CRUDE OIL (NY-OQ - CME) vs GULF COAST ULSD (PLATTS) SWAP FUTURES (NY-LY - CME)						
Spread Credit Rate	Decrease	+1:-1	80%	80%	74%	74%
EQUITY INDEX - Inter-commodity Spread Rates						
NASDAQ-100 VOLATILITY INDEX FUTURES (VLQ - CME) vs DOW JONES INDUSTRIAL AVERAGE TOTAL RETURN INDEX FUTURES (DTR - CME)						
Spread Credit Rate	Decrease	+1:+1	55%	55%	40%	40%
NASDAQ-100 VOLATILITY INDEX FUTURES (VLQ - CME) vs E-MINI DOW (\$5) FUTURES (YM - CME)						
Spread Credit Rate	Decrease	+1:+1	55%	55%	40%	40%
NASDAQ-100 VOLATILITY INDEX FUTURES (VLQ - CME) vs E-MINI RUSSELL 2000 INDEX FUTURES (RTY - CME)						
Spread Credit Rate	Decrease	+1:+1	45%	45%	30%	30%
NASDAQ-100 VOLATILITY INDEX FUTURES (VLQ - CME) vs NASDAQ 100 TOTAL RETURN INDEX FUTURES (N1R - CME)						
Spread Credit Rate	Decrease	+1:+1	60%	60%	40%	40%
NASDAQ-100 VOLATILITY INDEX FUTURES (VLQ - CME) vs RUSSELL 2000 TOTAL RETURN INDEX FUTURES (R2R - CME)						
Spread Credit Rate	Decrease	+1:+1	45%	45%	30%	30%
NASDAQ-100 VOLATILITY INDEX FUTURES (VLQ - CME) vs S&P 500 (SP - CME)						
Spread Credit Rate	Decrease	+5:+1	55%	55%	40%	40%
NASDAQ-100 VOLATILITY INDEX FUTURES (VLQ - CME) vs S&P 500 TOTAL RETURN INDEX FUTURES (TRF - CME)						
Spread Credit Rate	Decrease	+1:+1	55%	55%	30%	30%
NGL/PETROCHEMICALS - Inter-commodity Spread Rates						
GULF COAST ULSD (PLATTS) SWAP FUTURES (NY-LY - CME) vs MONT BELVIEU NATURAL GASOLINE 5 DECIMALS (OPIS) SWAP FUTURES (NY-7Q - CME)						
Spread Credit Rate	Decrease	+1:-1	78%	78%	73%	73%

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						
(NY-R5F - CME) vs (NY-HO - CME)						
Spread Credit Rate	Decrease	+3:-19	52%	52%	46%	46%
(NY-R5F - CME) vs (NY-LY - CME)						
Spread Credit Rate	Decrease	+3:-19	58%	58%	47%	47%
Spread Credit Rate	Decrease	+3:-19	76%	76%	72%	72%
CHICAGO ULSD (PLATTS) SWAP FUTURES (NY-4C - CME) vs LIGHT SWEET CRUDE OIL FUTURES (NY-CL - CME)						
Spread Credit Rate	Decrease	+1:-1	74%	74%	67%	67%
EUROPEAN 3.5% FUEL OIL (PLATTS) BARGES FOB RDAM CALENDAR SWAP FUTURES (NY-UV - CME) vs NEW YORK HARBOR NO. 2 HEATING OIL FUTURES (NY-HO - CME)						
Spread Credit Rate	Decrease	+3:-19	74%	74%	69%	69%
Spread Credit Rate	Decrease	+3:-19	76%	76%	70%	70%
GROUP THREE ULSD (PLATTS) SWAP FUTURES (NY-A7 - CME) vs LIGHT SWEET CRUDE OIL FUTURES (NY-CL - CME)						
Spread Credit Rate	Decrease	+1:-1	80%	80%	76%	76%
Spread Credit Rate	Decrease	+1:-1	81%	81%	77%	77%
GULF COAST NO. 6 FUEL OIL 3.0% (PLATTS) SWAP FUTURES (NY-MF - CME) vs NEW YORK HARBOR NO. 2 HEATING OIL FUTURES (NY-HO - CME)						
Spread Credit Rate	Decrease	+1:-1	73%	73%	68%	68%
Spread Credit Rate	Decrease	+1:-1	66%	66%	60%	60%
GULF COAST NO. 6 FUEL OIL 3.0% SULFUR (PLATTS) SWAP (NYM-MF - CME) vs HEATING OIL (NYM-HO, MP, BH)						
Spread Credit Rate	Decrease	+1:-1	75%	75%	68%	68%
Spread Credit Rate	Decrease	+1:-1	73%	73%	61%	61%
GULF COAST ULSD (PLATTS) SWAP FUTURES (NY-LY - CME) vs BRENT CRUDE OIL LAST DAY FINANCIAL FUTURES (NY-BZ - CME)						
Spread Credit Rate	Decrease	+1:-1	80%	80%	76%	76%
Spread Credit Rate	Decrease	+1:-1	66%	66%	54%	54%
Spread Credit Rate	Decrease	+1:-1	70%	70%	62%	62%
GULF COAST ULSD (PLATTS) SWAP FUTURES (NY-LY - CME) vs DATED BRENT (PLATTS) CALENDAR SWAP FUTURES (NY-UB - CME)						
Spread Credit Rate	Decrease	+1:-1	81%	81%	75%	75%
GULF COAST ULSD (PLATTS) SWAP FUTURES (NY-LY - CME) vs MONT BELVIEU NATURAL GASOLINE 5 DECIMALS (OPIS) SWAP FUTURES (NY-7Q - CME)						
Spread Credit Rate	Decrease	+1:-1	78%	78%	73%	73%
GULF COAST ULSD (PLATTS) SWAP FUTURES (NY-LY - CME) vs RBOB GASOLINE FUTURES (NY-RB - CME)						
Spread Credit Rate	Decrease	+1:-1	80%	80%	77%	77%
Spread Credit Rate	Decrease	+1:-1	50%	50%	42%	42%

SPAN MINIMUM PERFORMANCE BOND REQUIREMENTS

Rate Type	Change	Ratio	Current Initial	Current Maintenance	New Initial	New Maintenance
Inter-commodity Spread Rates						
GULF COAST ULSD CALENDAR SWAP (NY-LY) vs NY HARBOR RESIDUAL FUEL 1.0% S (NY-MM)						
Spread Credit Rate	Decrease	+1:-1	80%	80%	76%	76%
NEW YORK HARBOR NO. 2 HEATING OIL FUTURES (NY-HO - CME) vs NEW YORK HARBOR RESIDUAL FUEL 1.0% (PLATTS) SWAP FUTURES (NY-MM - CME)						
Spread Credit Rate	Decrease	+1:-1	81%	81%	74%	74%
NEW YORK HARBOR NO. 2 HEATING OIL FUTURES (NY-HO - CME) vs OMAN CRUDE OIL (NY-OQ - CME)						
Spread Credit Rate	Decrease	+1:-1	72%	72%	60%	60%
Spread Credit Rate	New	+1:-1			68%	68%
Spread Credit Rate	New	+1:-1			72%	72%
Spread Credit Rate	Decrease	+1:-1	78%	78%	73%	73%
OMAN CRUDE OIL (NY-OQ - CME) vs GULF COAST ULSD (PLATTS) SWAP FUTURES (NY-LY - CME)						
Spread Credit Rate	Decrease	+1:-1	80%	80%	74%	74%
SINGAPORE FOB MARINE FUEL 0.5% (PLATTS) FUTURES (NY-S5F - CME) vs GULF COAST ULSD (PLATTS) SWAP FUTURES (NY-LY - CME)						
Spread Credit Rate	Decrease	+3:-19	60%	60%	45%	45%
SINGAPORE FOB MARINE FUEL 0.5% (PLATTS) FUTURES (NY-S5F - CME) vs NEW YORK HARBOR NO. 2 HEATING OIL FUTURES (NY-HO - CME)						
Spread Credit Rate	Decrease	+3:-19	55%	55%	46%	46%
SINGAPORE MOGAS 92 UNLEADED (PLATTS) SWAP FUTURES (NY-1N - CME) vs GULF COAST NO. 6 FUEL OIL 3.0% (PLATTS) SWAP FUTURES (NY-MF - CME)						
Spread Credit Rate	Decrease	+1:-1	75%	75%	68%	68%
USGC MARINE FUEL 0.5% (PLATTS) FUTURES (NY-H5F - CME) vs GULF COAST ULSD (PLATTS) SWAP FUTURES (NY-LY - CME)						
Spread Credit Rate	Decrease	+1:-1	80%	80%	75%	75%
USGC MARINE FUEL 0.5% (PLATTS) FUTURES (NY-H5F - CME) vs NEW YORK HARBOR NO. 2 HEATING OIL FUTURES (NY-HO - CME)						
Spread Credit Rate	Decrease	+1:-1	81%	81%	76%	76%

