



23-197

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

FROM: CME Clearing

SUBJECT: Performance Bond Requirements

DATE: Thursday, July 6, 2023

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, July 7, 2023.

Current rates as of:

Thursday, July 6, 2023.

SPAN MINIMUM PERFORMANCE BOND REQUIREMENTS

CC	Rate Type	Description	Change	ISO	Current Initial	Current Maintenance	New Initial	New Maintenance
Outright Rates								
CRUDE OIL - Outright Rates								
DUBAI CRUDE OIL BALMO (BI)								
BI	Non-HRP	All Months	Decrease	USD	10,300	10,300	7,250	7,250
BI	HRP	All Months	Decrease	USD	11,330	10,300	7,975	7,250
MINI DUBAI CRUDE OIL (PLATTS) BALMO (DBT)								
DBT	Non-HRP	All Months	Decrease	USD	1,030	1,030	725	725
DBT	HRP	All Months	Decrease	USD	1,133	1,030	798	725
CRUDE OIL SPREADS - Outright Rates								
DATED TO FRONTLINE BRENT BALMO FUT (FE)								
FE	Non-HRP	Mnth 1	Decrease	USD	1,800	1,800	1,000	1,000
FE	HRP	Mnth 1	Decrease	USD	1,980	1,800	1,100	1,000
FE	Non-HRP	Mnths 2+	Decrease	USD	1,500	1,500	750	750
FE	HRP	Mnths 2+	Decrease	USD	1,650	1,500	825	750
WTI HOUSTON (ARGUS) VS. WTI BALMO (HIB)								
HIB	Non-HRP		Decrease	USD	1,200	1,200	750	750
HIB	HRP		Decrease	USD	1,320	1,200	825	750
WTI HOUSTON ARGUS V.WTI TRADE MONTH (HTB)								
HTB	Non-HRP		Decrease	USD	1,700	1,700	1,000	1,000
HTB	HRP		Decrease	USD	1,870	1,700	1,100	1,000

SPAN MINIMUM PERFORMANCE BOND REQUIREMENTS

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

ELECTRICITY - Outright Rates

GERMAN POWER BASELOAD CAL MONTH FUT (DEB)

DEB	Non-HRP	Mnth 1	Decrease	EUR	30,000	30,000	20,000	20,000
DEB	HRP	Mnth 1	Decrease	EUR	33,000	30,000	22,000	20,000
DEB	Non-HRP	Mnth 2	Decrease	EUR	28,000	28,000	20,000	20,000
DEB	HRP	Mnth 2	Decrease	EUR	30,800	28,000	22,000	20,000
DEB	Non-HRP	Mnth 3-4	Decrease	EUR	25,000	25,000	22,000	22,000
DEB	HRP	Mnth 3-4	Decrease	EUR	27,500	25,000	24,200	22,000
DEB	Non-HRP	Mnths 6-9	Decrease	EUR	23,000	23,000	22,000	22,000
DEB	HRP	Mnths 6-9	Decrease	EUR	25,300	23,000	24,200	22,000
DEB	Non-HRP	Mnths 10+	Decrease	EUR	23,000	23,000	22,000	22,000
DEB	HRP	Mnths 10+	Decrease	EUR	25,300	23,000	24,200	22,000

GERMAN POWER PEAKLOAD CAL MONTH FUT (DEP)

DEP	Non-HRP	Mnth 1	Decrease	EUR	13,000	13,000	10,000	10,000
DEP	HRP	Mnth 1	Decrease	EUR	14,300	13,000	11,000	10,000
DEP	Non-HRP	Mnth 2	Decrease	EUR	10,000	10,000	9,000	9,000
DEP	HRP	Mnth 2	Decrease	EUR	11,000	10,000	9,900	9,000
DEP	Non-HRP	Mnth 3-6	Increase	EUR	7,000	7,000	7,500	7,500
DEP	HRP	Mnth 3-6	Increase	EUR	7,700	7,000	8,250	7,500
DEP	Non-HRP	Mnths 7-9	Increase	EUR	6,000	6,000	6,500	6,500
DEP	HRP	Mnths 7-9	Increase	EUR	6,600	6,000	7,150	6,500
DEP	Non-HRP	Mnths 10+	Increase	EUR	5,000	5,000	5,500	5,500
DEP	HRP	Mnths 10+	Increase	EUR	5,500	5,000	6,050	5,500

ITALIAN POWER BASELOAD GME CAL FUT (ITB)

ITB	Non-HRP	Mnth 1	Decrease	EUR	38,000	38,000	25,000	25,000
ITB	HRP	Mnth 1	Decrease	EUR	41,800	38,000	27,500	25,000
ITB	Non-HRP	Mnth 2	Decrease	EUR	37,000	37,000	24,000	24,000
ITB	HRP	Mnth 2	Decrease	EUR	40,700	37,000	26,400	24,000
ITB	Non-HRP	Mnth 3	Decrease	EUR	36,000	36,000	26,000	26,000
ITB	HRP	Mnth 3	Decrease	EUR	39,600	36,000	28,600	26,000
ITB	Non-HRP	Mnths 4-9	Decrease	EUR	34,000	34,000	29,000	29,000
ITB	HRP	Mnths 4-9	Decrease	EUR	37,400	34,000	31,900	29,000
ITB	Non-HRP	Mnths 10+	Decrease	EUR	31,000	31,000	22,000	22,000
ITB	HRP	Mnths 10+	Decrease	EUR	34,100	31,000	24,200	22,000

SPAN MINIMUM PERFORMANCE BOND REQUIREMENTS

CC	Rate Type	Description	Change	ISO	Current Initial	Current Maintenance	New Initial	New Maintenance
Outright Rates								
ITALIAN POWER PEAKLOAD GME CAL FUT (ITP)								
ITP	Non-HRP	Mnth 1	Decrease	EUR	16,000	16,000	13,000	13,000
ITP	HRP	Mnth 1	Decrease	EUR	17,600	16,000	14,300	13,000
ITP	Non-HRP	Mnth 2	Decrease	EUR	13,000	13,000	12,000	12,000
ITP	HRP	Mnth 2	Decrease	EUR	14,300	13,000	13,200	12,000
ITP	Non-HRP	Mnth 3	Decrease	EUR	12,000	12,000	11,500	11,500
ITP	HRP	Mnth 3	Decrease	EUR	13,200	12,000	12,650	11,500
ITP	Non-HRP	Mnths 4-9	Decrease	EUR	11,000	11,000	10,000	10,000
ITP	HRP	Mnths 4-9	Decrease	EUR	12,100	11,000	11,000	10,000
ITP	Non-HRP	Mnths 10+	Decrease	EUR	10,500	10,500	9,000	9,000
ITP	HRP	Mnths 10+	Decrease	EUR	11,550	10,500	9,900	9,000
JAPANESE POWER DAY-AHEAD PEAKLOAD (JPT)								
JPT	Non-HRP	Mnth 1	Decrease	JPY	1,300,000	1,300,000	1,100,000	1,100,000
JPT	HRP	Mnth 1	Decrease	JPY	1,430,000	1,300,000	1,210,000	1,100,000
JPT	Non-HRP	Mnth 2	New	JPY			1,100,000	1,100,000
JPT	HRP	Mnth 2	New	JPY			1,210,000	1,100,000
JPT	Non-HRP	Mnths 3+	New	JPY			950,000	950,000
JPT	HRP	Mnths 3+	New	JPY			1,045,000	950,000
JAPANESE POWER KANSAI BASE-LOAD (JBK)								
JBK	Non-HRP	Mnth 1	Decrease	JPY	2,000,000	2,000,000	1,800,000	1,800,000
JBK	HRP	Mnth 1	Decrease	JPY	2,200,000	2,000,000	1,980,000	1,800,000
JBK	Non-HRP	Mnth 2	Decrease	JPY	1,850,000	1,850,000	1,800,000	1,800,000
JBK	HRP	Mnth 2	Decrease	JPY	2,035,000	1,850,000	1,980,000	1,800,000
JBK	Non-HRP	Mnth 3	Decrease	JPY	1,800,000	1,800,000	1,450,000	1,450,000
JBK	HRP	Mnth 3	Decrease	JPY	1,980,000	1,800,000	1,595,000	1,450,000
JBK	Non-HRP	Mnths 4+	Decrease	JPY	1,700,000	1,700,000	1,400,000	1,400,000
JBK	HRP	Mnths 4+	Decrease	JPY	1,870,000	1,700,000	1,540,000	1,400,000
JAPANESE POWER KANSAI PEAK-LOAD (JPK)								
JPK	Non-HRP	Mnth 1	Decrease	JPY	1,000,000	1,000,000	825,000	825,000
JPK	HRP	Mnth 1	Decrease	JPY	1,100,000	1,000,000	907,500	825,000
JPK	Non-HRP	Mnth 2	Decrease	JPY	950,000	950,000	800,000	800,000
JPK	HRP	Mnth 2	Decrease	JPY	1,045,000	950,000	880,000	800,000
JPK	Non-HRP	Mnths 3+	Decrease	JPY	800,000	800,000	725,000	725,000
JPK	HRP	Mnths 3+	Decrease	JPY	880,000	800,000	797,500	725,000

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

JAPANESE POWER TOKYO BASE-LOAD (JBT)

JBT	Non-HRP	Mnth 2	Increase	JPY	1,900,000	1,900,000	2,000,000	2,000,000
JBT	HRP	Mnth 2	Increase	JPY	2,090,000	1,900,000	2,200,000	2,000,000
JBT	Non-HRP	Mnth 3	Increase	JPY	1,700,000	1,700,000	1,750,000	1,750,000
JBT	HRP	Mnth 3	Increase	JPY	1,870,000	1,700,000	1,925,000	1,750,000
JBT	Non-HRP	Mnths 4+	Increase	JPY	1,500,000	1,500,000	1,600,000	1,600,000
JBT	HRP	Mnths 4+	Increase	JPY	1,650,000	1,500,000	1,760,000	1,600,000

PJM DAILY (JD)

JD	Non-HRP	Days 1-6	Decrease	USD	7,000	7,000	5,500	5,500
JD	HRP	Days 1-6	Decrease	USD	7,700	7,000	6,050	5,500
JD	Non-HRP	Days 7-14	Decrease	USD	5,500	5,500	4,000	4,000
JD	HRP	Days 7-14	Decrease	USD	6,050	5,500	4,400	4,000
JD	Non-HRP	Days 15+	Decrease	USD	4,000	4,000	2,500	2,500
JD	HRP	Days 15+	Decrease	USD	4,400	4,000	2,750	2,500

PJM WES HUB PEAK CAL MON REAL TIME (L1)

L1	Non-HRP	Mth 1	Decrease	USD	1,300	1,300	1,100	1,100
L1	HRP	Mth 1	Decrease	USD	1,430	1,300	1,210	1,100
L1	Non-HRP	Mnth 2	Decrease	USD	1,200	1,200	1,000	1,000
L1	HRP	Mnth 2	Decrease	USD	1,320	1,200	1,100	1,000
L1	Non-HRP	Mnths 3-5	Decrease	USD	1,000	1,000	800	800
L1	HRP	Mnths 3-5	Decrease	USD	1,100	1,000	880	800
L1	Non-HRP	Mnths 6-11	Decrease	USD	800	800	700	700
L1	HRP	Mnths 6-11	Decrease	USD	880	800	770	700

PJM WES HUB PEAK LMP 50 MW (4S)

4S	Non-HRP	Mth 1	Decrease	USD	13,000	13,000	11,000	11,000
4S	HRP	Mth 1	Decrease	USD	14,300	13,000	12,100	11,000
4S	Non-HRP	Mnth 2	Decrease	USD	12,000	12,000	10,000	10,000
4S	HRP	Mnth 2	Decrease	USD	13,200	12,000	11,000	10,000
4S	Non-HRP	Mnths 3-5	Decrease	USD	10,000	10,000	8,000	8,000
4S	HRP	Mnths 3-5	Decrease	USD	11,000	10,000	8,800	8,000
4S	Non-HRP	Mnths 6-11	Decrease	USD	8,000	8,000	7,000	7,000
4S	HRP	Mnths 6-11	Decrease	USD	8,800	8,000	7,700	7,000

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

PJM WESTHDA PEAK (J4)

J4	Non-HRP	Mnth 1	Decrease	USD	1,330	1,330	1,130	1,130
J4	HRP	Mnth 1	Decrease	USD	1,463	1,330	1,243	1,130
J4	Non-HRP	Mnth 2	Decrease	USD	1,215	1,215	1,015	1,015
J4	HRP	Mnth 2	Decrease	USD	1,337	1,215	1,117	1,015
J4	Non-HRP	Mnths 3-5	Decrease	USD	1,010	1,010	810	810
J4	HRP	Mnths 3-5	Decrease	USD	1,111	1,010	891	810
J4	Non-HRP	Mnths 6-11	Decrease	USD	810	810	710	710
J4	HRP	Mnths 6-11	Decrease	USD	891	810	781	710

SPAN MINIMUM PERFORMANCE BOND REQUIREMENTS

CC	Rate Type	Description	Change	ISO	Current Initial	Current Maintenance	New Initial	New Maintenance
Outright Rates								
EQUITY INDEX - Outright Rates								
BTIC CONSUMER STAPLES SECTOR TIC (XPT)								
XPT	Non-HRP		Decrease	USD	3,200	3,200	2,750	2,750
XPT	HRP		Decrease	USD	3,520	3,200	3,025	2,750
BTIC EMINI PHLX SEMICONDUCTOR (SOT)								
SOT	Non-HRP		Increase	USD	5,900	5,900	6,500	6,500
SOT	HRP		Increase	USD	6,490	5,900	7,150	6,500
BTIC ON E-MINI COM SERVICES SECTOR (XZT)								
XZT	Non-HRP		Decrease	USD	5,500	5,500	5,000	5,000
XZT	HRP		Decrease	USD	6,050	5,500	5,500	5,000
BTIC SP 500 ENERGY SELECT SECTOR (XET)								
XET	Non-HRP		Decrease	USD	7,850	7,850	7,250	7,250
XET	HRP		Decrease	USD	8,635	7,850	7,975	7,250
BTIC SP 500 FINANCIAL SECTOR TIC (XFT)								
XFT	Non-HRP		Decrease	USD	6,750	6,750	6,250	6,250
XFT	HRP		Decrease	USD	7,425	6,750	6,875	6,250
BTIC SP 500 HEALTH CARE SECTOR TIC (XVT)								
XVT	Non-HRP		Decrease	USD	6,000	6,000	5,500	5,500
XVT	HRP		Decrease	USD	6,600	6,000	6,050	5,500
BTIC SP 500 UTILITIES SEL SECTOR (XUT)								
XUT	Non-HRP		Decrease	USD	4,000	4,000	3,500	3,500
XUT	HRP		Decrease	USD	4,400	4,000	3,850	3,500
E-MINI COM SELECT SECTOR MARKER (XZI)								
XZI	Non-HRP		Decrease	USD	5,500	5,500	5,000	5,000
XZI	HRP		Decrease	USD	6,050	5,500	5,500	5,000
E-MINI COM SERVICES SELECT SECTOR (XAZ)								
XAZ	Non-HRP		Decrease	USD	5,500	5,500	5,000	5,000
XAZ	HRP		Decrease	USD	6,050	5,500	5,500	5,000
EMINI PHLX SEMICONDUCTOR (SOX)								
SOX	Non-HRP		Increase	USD	5,900	5,900	6,500	6,500
SOX	HRP		Increase	USD	6,490	5,900	7,150	6,500
EMINI SP 500 CONS STAPLES SECTOR IX (XAP)								
XAP	Non-HRP		Decrease	USD	3,200	3,200	2,750	2,750
XAP	HRP		Decrease	USD	3,520	3,200	3,025	2,750

SPAN MINIMUM PERFORMANCE BOND REQUIREMENTS

CC	Rate Type	Description	Change	ISO	Current Initial	Current Maintenance	New Initial	New Maintenance
Outright Rates								
EMINI SP 500 ENERGY SECTOR INDEX (XAE)								
XAE	Non-HRP		Decrease	USD	7,850	7,850	7,250	7,250
XAE	HRP		Decrease	USD	8,635	7,850	7,975	7,250
EMINI SP500 - FINANCIAL SECT INDEX (XAF)								
XAF	Non-HRP		Decrease	USD	6,750	6,750	6,250	6,250
XAF	HRP		Decrease	USD	7,425	6,750	6,875	6,250
EMINI SP500- HEALTH CARE SECT INDEX (XAV)								
XAV	Non-HRP		Decrease	USD	6,000	6,000	5,500	5,500
XAV	HRP		Decrease	USD	6,600	6,000	6,050	5,500
EMINI SP500-UTILITIES SECTOR INDEX (XAU)								
XAU	Non-HRP		Decrease	USD	4,000	4,000	3,500	3,500
XAU	HRP		Decrease	USD	4,400	4,000	3,850	3,500
SP 500 - CONS STAPLES SYNTHETIC (1PT)								
1PT	Non-HRP		Decrease	USD	3,200	3,200	2,750	2,750
1PT	HRP		Decrease	USD	3,520	3,200	3,025	2,750
SP 500 ENERGY SLCT SEC SYNTHETIC (1ET)								
1ET	Non-HRP		Decrease	USD	7,850	7,850	7,250	7,250
1ET	HRP		Decrease	USD	8,635	7,850	7,975	7,250
SP 500 FINANCIAL SLCT SEC SYNT (1FT)								
1FT	Non-HRP		Decrease	USD	6,750	6,750	6,250	6,250
1FT	HRP		Decrease	USD	7,425	6,750	6,875	6,250
SP 500 HEALTH CARE SECTOR SYNTHETIC (1VT)								
1VT	Non-HRP		Decrease	USD	6,000	6,000	5,500	5,500
1VT	HRP		Decrease	USD	6,600	6,000	6,050	5,500
SP 500 UTILITIES SEL SECTOR SYNTH (1UT)								
1UT	Non-HRP		Decrease	USD	4,000	4,000	3,500	3,500
1UT	HRP		Decrease	USD	4,400	4,000	3,850	3,500

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

INTEREST RATES - Outright Rates

ESTR FUTURES (ESR)

ESR	Non-HRP	Month 1	Decrease	EUR	675	675	400	400
ESR	HRP	Month 1	Decrease	EUR	743	675	440	400
ESR	Non-HRP	Month 2	Decrease	EUR	700	700	450	450
ESR	HRP	Month 2	Decrease	EUR	770	700	495	450
ESR	Non-HRP	Month 3	Decrease	EUR	725	725	500	500
ESR	HRP	Month 3	Decrease	EUR	798	725	550	500
ESR	Non-HRP	Month 4	Decrease	EUR	750	750	550	550
ESR	HRP	Month 4	Decrease	EUR	825	750	605	550
ESR	Non-HRP	Month 5	Decrease	EUR	800	800	600	600
ESR	HRP	Month 5	Decrease	EUR	880	800	660	600
ESR	Non-HRP	Month 6	Decrease	EUR	850	850	600	600
ESR	HRP	Month 6	Decrease	EUR	935	850	660	600
ESR	Non-HRP	Month 7	Decrease	EUR	950	950	725	725
ESR	HRP	Month 7	Decrease	EUR	1,045	950	798	725
ESR	Non-HRP	Month 8	Decrease	EUR	1,000	1,000	900	900
ESR	HRP	Month 8	Decrease	EUR	1,100	1,000	990	900

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

REPO FUNDS RATES FUTURES GERMANY (RFD)

RFD	Non-HRP	Month 1	Decrease	EUR	1,300	1,300	500	500
RFD	HRP	Month 1	Decrease	EUR	1,430	1,300	550	500
RFD	Non-HRP	Month 2	Decrease	EUR	1,300	1,300	525	525
RFD	HRP	Month 2	Decrease	EUR	1,430	1,300	578	525
RFD	Non-HRP	Month 3	Decrease	EUR	1,300	1,300	575	575
RFD	HRP	Month 3	Decrease	EUR	1,430	1,300	633	575
RFD	Non-HRP	Month 4	Decrease	EUR	1,300	1,300	625	625
RFD	HRP	Month 4	Decrease	EUR	1,430	1,300	688	625
RFD	Non-HRP	Month 5	Decrease	EUR	1,300	1,300	675	675
RFD	HRP	Month 5	Decrease	EUR	1,430	1,300	743	675
RFD	Non-HRP	Month 6	Decrease	EUR	1,300	1,300	725	725
RFD	HRP	Month 6	Decrease	EUR	1,430	1,300	798	725
RFD	Non-HRP	Month 7	Decrease	EUR	1,300	1,300	850	850
RFD	HRP	Month 7	Decrease	EUR	1,430	1,300	935	850
RFD	Non-HRP	Month 8	Decrease	EUR	1,300	1,300	900	900
RFD	HRP	Month 8	Decrease	EUR	1,430	1,300	990	900
RFD	Non-HRP	Month 9	Decrease	EUR	1,300	1,300	950	950
RFD	HRP	Month 9	Decrease	EUR	1,430	1,300	1,045	950
RFD	Non-HRP	Month 10	Decrease	EUR	1,300	1,300	950	950
RFD	HRP	Month 10	Decrease	EUR	1,430	1,300	1,045	950
RFD	Non-HRP	Month 11	Decrease	EUR	1,300	1,300	950	950
RFD	HRP	Month 11	Decrease	EUR	1,430	1,300	1,045	950
RFD	Non-HRP	Month 12	Decrease	EUR	1,300	1,300	950	950
RFD	HRP	Month 12	Decrease	EUR	1,430	1,300	1,045	950
RFD	Non-HRP	Months 13+	Decrease	EUR	1,300	1,300	950	950
RFD	HRP	Months 13+	Decrease	EUR	1,430	1,300	1,045	950

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

REPO FUNDS RATES FUTURES ITAL (RFI)

RFI	Non-HRP	Month 1	Decrease	EUR	1,600	1,600	500	500
RFI	HRP	Month 1	Decrease	EUR	1,760	1,600	550	500
RFI	Non-HRP	Month 2	Decrease	EUR	1,600	1,600	525	525
RFI	HRP	Month 2	Decrease	EUR	1,760	1,600	578	525
RFI	Non-HRP	Month 3	Decrease	EUR	1,600	1,600	575	575
RFI	HRP	Month 3	Decrease	EUR	1,760	1,600	633	575
RFI	Non-HRP	Month 4	Decrease	EUR	1,600	1,600	625	625
RFI	HRP	Month 4	Decrease	EUR	1,760	1,600	688	625
RFI	Non-HRP	Month 5	Decrease	EUR	1,600	1,600	675	675
RFI	HRP	Month 5	Decrease	EUR	1,760	1,600	743	675
RFI	Non-HRP	Month 6	Decrease	EUR	1,600	1,600	725	725
RFI	HRP	Month 6	Decrease	EUR	1,760	1,600	798	725
RFI	Non-HRP	Month 7	Decrease	EUR	1,600	1,600	850	850
RFI	HRP	Month 7	Decrease	EUR	1,760	1,600	935	850
RFI	Non-HRP	Month 8	Decrease	EUR	1,600	1,600	900	900
RFI	HRP	Month 8	Decrease	EUR	1,760	1,600	990	900
RFI	Non-HRP	Month 9	Decrease	EUR	1,600	1,600	950	950
RFI	HRP	Month 9	Decrease	EUR	1,760	1,600	1,045	950
RFI	Non-HRP	Month 10	Decrease	EUR	1,600	1,600	950	950
RFI	HRP	Month 10	Decrease	EUR	1,760	1,600	1,045	950
RFI	Non-HRP	Month 11	Decrease	EUR	1,600	1,600	950	950
RFI	HRP	Month 11	Decrease	EUR	1,760	1,600	1,045	950
RFI	Non-HRP	Month 12	Decrease	EUR	1,600	1,600	950	950
RFI	HRP	Month 12	Decrease	EUR	1,760	1,600	1,045	950
RFI	Non-HRP	Months 13+	Decrease	EUR	1,600	1,600	950	950
RFI	HRP	Months 13+	Decrease	EUR	1,760	1,600	1,045	950

SPAN MINIMUM PERFORMANCE BOND REQUIREMENTS

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

REPO FUNDS RATES SPREAD GER FUT (RSD)

RSD	Non-HRP	Month 1	Decrease	EUR	840	840	500	500
RSD	HRP	Month 1	Decrease	EUR	924	840	550	500
RSD	Non-HRP	Month 2	Decrease	EUR	840	840	500	500
RSD	HRP	Month 2	Decrease	EUR	924	840	550	500
RSD	Non-HRP	Month 3	Decrease	EUR	840	840	500	500
RSD	HRP	Month 3	Decrease	EUR	924	840	550	500
RSD	Non-HRP	Month 4	Decrease	EUR	840	840	500	500
RSD	HRP	Month 4	Decrease	EUR	924	840	550	500
RSD	Non-HRP	Month 5	Decrease	EUR	840	840	500	500
RSD	HRP	Month 5	Decrease	EUR	924	840	550	500
RSD	Non-HRP	Month 6	Decrease	EUR	840	840	500	500
RSD	HRP	Month 6	Decrease	EUR	924	840	550	500
RSD	Non-HRP	Month 7	Decrease	EUR	840	840	500	500
RSD	HRP	Month 7	Decrease	EUR	924	840	550	500
RSD	Non-HRP	Month 8	Decrease	EUR	840	840	500	500
RSD	HRP	Month 8	Decrease	EUR	924	840	550	500
RSD	Non-HRP	Month 9	Decrease	EUR	840	840	500	500
RSD	HRP	Month 9	Decrease	EUR	924	840	550	500
RSD	Non-HRP	Months 10+	Decrease	EUR	840	840	500	500
RSD	HRP	Months 10+	Decrease	EUR	924	840	550	500

THREE-MONTH BSBY FUTURE (BSB)

BSB	Non-HRP	Month 1	Decrease	USD	700	700	575	575
BSB	HRP	Month 1	Decrease	USD	770	700	633	575
BSB	Non-HRP	Month 2	Decrease	USD	825	825	750	750
BSB	HRP	Month 2	Decrease	USD	908	825	825	750
BSB	Non-HRP	Month3	Decrease	USD	900	900	850	850
BSB	HRP	Month3	Decrease	USD	990	900	935	850

SPAN MINIMUM PERFORMANCE BOND REQUIREMENTS

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

NATURAL GAS - Outright Rates

DUTCH TTF NATURAL GAS DAILY FUTURES (TTD)

TTD	Non-HRP	Day 1-3	Decrease	EUR	800	800	550	550
TTD	HRP	Day 1-3	Decrease	EUR	880	800	605	550
TTD	Non-HRP	Day 4-7	Decrease	EUR	800	800	450	450
TTD	HRP	Day 4-7	Decrease	EUR	880	800	495	450
TTD	Non-HRP	Day 8-14	Decrease	EUR	700	700	375	375
TTD	HRP	Day 8-14	Decrease	EUR	770	700	413	375
TTD	Non-HRP	Day 15+	Decrease	EUR	600	600	350	350
TTD	HRP	Day 15+	Decrease	EUR	660	600	385	350

NBD NATURAL GAS DAILY FUTURE (NBD)

NBD	Non-HRP	Day 1-3	Decrease	GBP	700	700	550	550
NBD	HRP	Day 1-3	Decrease	GBP	770	700	605	550
NBD	Non-HRP	Day 4-7	Decrease	GBP	600	600	500	500
NBD	HRP	Day 4-7	Decrease	GBP	660	600	550	500
NBD	Non-HRP	Day 8-14	Decrease	GBP	550	550	400	400
NBD	HRP	Day 8-14	Decrease	GBP	605	550	440	400
NBD	Non-HRP	Day 15+	Decrease	GBP	500	500	350	350
NBD	HRP	Day 15+	Decrease	GBP	550	500	385	350

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% FUELOIL BARGES VS1% FO PLTS BLM (EBF)								
EBF	Non-HRP		Decrease	USD	4,500	4,500	3,500	3,500
EBF	HRP		Decrease	USD	4,950	4,500	3,850	3,500
3.5% FUEL OIL MED VS FOB BALMO FUT (CMB)								
CMB	Non-HRP		Decrease	USD	2,250	2,250	1,500	1,500
CMB	HRP		Decrease	USD	2,475	2,250	1,650	1,500
CMB	Non-HRP		Decrease	USD	2,000	2,000	1,000	1,000
CMB	HRP		Decrease	USD	2,200	2,000	1,100	1,000
3.5% FUEL OIL RDAM VS FOB MED BALM (63)								
63	Non-HRP		Increase	USD	8,250	8,250	11,000	11,000
63	HRP		Increase	USD	9,075	8,250	12,100	11,000
63	Non-HRP		Increase	USD	5,250	5,250	7,500	7,500
63	HRP		Increase	USD	5,775	5,250	8,250	7,500
3.5% FUELOIL FOB MED CRK SPD BALMO (FOA)								
FOA	Non-HRP		Increase	USD	4,600	4,600	5,000	5,000
FOA	HRP		Increase	USD	5,060	4,600	5,500	5,000
GLFCST ULSD ARGUS UP/DN BALMO FUT (GUD)								
GUD	Non-HRP		Decrease	USD	2,000	2,000	1,750	1,750
GUD	HRP		Decrease	USD	2,200	2,000	1,925	1,750
NY 1% FO (PLATTS) V GF CO HSFO BAL (NFG)								
NFG	Non-HRP		Decrease	USD	3,000	3,000	2,750	2,750
NFG	HRP		Decrease	USD	3,300	3,000	3,025	2,750
NY 1% FUEL OIL CRK SPRD BALMO (NFC)								
NFC	Non-HRP		Decrease	USD	4,400	4,400	3,000	3,000
NFC	HRP		Decrease	USD	4,840	4,400	3,300	3,000
NY BUCKEYE JET FUEL V. NY HR BALMO (JTB)								
JTB	Non-HRP		Decrease	USD	10,000	10,000	7,500	7,500
JTB	HRP		Decrease	USD	11,000	10,000	8,250	7,500
NY FO 1% VS EURO 1%FOB NWE BALMO (NYG)								
NYG	Non-HRP	Tier 2	Decrease	USD	2,900	2,900	2,400	2,400
NYG	HRP	Tier 2	Decrease	USD	3,190	2,900	2,640	2,400
SING JET KERO VS GASOIL SPR B (Z0)								
Z0	Non-HRP		Decrease	USD	3,000	3,000	2,000	2,000
Z0	HRP		Decrease	USD	3,300	3,000	2,200	2,000

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

SINGAPORE JET KEROSENE VS. GASOIL 5 (RHB)

RHB	Non-HRP		Increase	USD	2,250	2,250	3,250	3,250
RHB	HRP		Increase	USD	2,475	2,250	3,575	3,250

SPORE FUELOIL 180CST 6.35 DUBAI BLM (STB)

STB	Non-HRP		Decrease	USD	5,250	5,250	4,500	4,500
STB	HRP		Decrease	USD	5,775	5,250	4,950	4,500

ULSD 10P CRG CIF NW V ICE BL (3V)

3V	Non-HRP		Increase	USD	6,300	6,300	7,000	7,000
3V	HRP		Increase	USD	6,930	6,300	7,700	7,000
3V	Non-HRP	Tier 3	Decrease	USD	5,900	5,900	5,750	5,750
3V	HRP	Tier 3	Decrease	USD	6,490	5,900	6,325	5,750
3V	Non-HRP	Tier 4	Decrease	USD	5,900	5,900	5,600	5,600
3V	HRP	Tier 4	Decrease	USD	6,490	5,900	6,160	5,600

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								
1% FUEL OIL PLATTS CIF BALMO FUT (FOB)								
FOB	Non-HRP		Decrease	USD	50,000	50,000	40,000	40,000
FOB	HRP		Decrease	USD	55,000	50,000	44,000	40,000
1% FUEL OIL PLATTS FOB BALMO FUT (FOM)								
FOM	Non-HRP		Decrease	USD	46,000	46,000	40,000	40,000
FOM	HRP		Decrease	USD	50,600	46,000	44,000	40,000
3.5% FUEL OIL CIF BALMO FUT (8D)								
8D	Non-HRP		Decrease	USD	65,000	65,000	57,500	57,500
8D	HRP		Decrease	USD	71,500	65,000	63,250	57,500
DATED BRENT(PLATTS) BALMO FUT (DBB)								
DBB	Non-HRP		Increase	USD	6,250	6,250	7,250	7,250
DBB	HRP		Increase	USD	6,875	6,250	7,975	7,250
DIESEL10PPMBRGS FOB ARA (PLATTS)BAL (U7)								
U7	Non-HRP		Decrease	USD	80,000	80,000	65,000	65,000
U7	HRP		Decrease	USD	88,000	80,000	71,500	65,000
EAST-WEST FUEL OIL PLT BALMO FUT (EWB)								
EWB	Non-HRP		Decrease	USD	19,000	19,000	13,000	13,000
EWB	HRP		Decrease	USD	20,900	19,000	14,300	13,000
EUR 1% FUEL OIL FOB RDM BALMO FUT (6L)								
6L	Non-HRP		Decrease	USD	50,000	50,000	45,000	45,000
6L	HRP		Decrease	USD	55,000	50,000	49,500	45,000
EUR3.5%FUEL OIL CARG FOB MED BALMO (EFF)								
EFF	Non-HRP		Decrease	USD	52,500	52,500	45,000	45,000
EFF	HRP		Decrease	USD	57,750	52,500	49,500	45,000
EURO 1% FUEL OIL NEW BALMO (KX)								
KX	Non-HRP	Tier 1	Decrease	USD	60,000	60,000	50,000	50,000
KX	HRP	Tier 1	Decrease	USD	66,000	60,000	55,000	50,000
KX	Non-HRP	Tier 2	Decrease	USD	50,000	50,000	40,000	40,000
KX	HRP	Tier 2	Decrease	USD	55,000	50,000	44,000	40,000
EURO MARINE FUEL 0.5% PLATTS BALMO (R5B)								
R5B	Non-HRP		Decrease	USD	65,000	65,000	50,000	50,000
R5B	HRP		Decrease	USD	71,500	65,000	55,000	50,000

SPAN MINIMUM PERFORMANCE BOND REQUIREMENTS

CC	Rate Type	Description	Change	ISO	Current Initial	Current Maintenance	New Initial	New Maintenance
Outright Rates								
EUROBOB GAS10PPM BALMO (7S)								
7S	Non-HRP		Decrease	USD	90,000	90,000	65,000	65,000
7S	HRP		Decrease	USD	99,000	90,000	71,500	65,000
EUROPEAN FOB RDAM MARINE FUEL 0.5% (R5E)								
R5E	Non-HRP		Decrease	USD	35,000	35,000	25,000	25,000
R5E	HRP		Decrease	USD	38,500	35,000	27,500	25,000
GAS EUROBOB NON OXY (ARGUS) BALMO (GNB)								
GNB	Non-HRP	Mnth 1	Decrease	USD	90,000	90,000	75,000	75,000
GNB	HRP	Mnth 1	Decrease	USD	99,000	90,000	82,500	75,000
GNB	Non-HRP	Mnths 2+	Decrease	USD	75,000	75,000	60,000	60,000
GNB	HRP	Mnths 2+	Decrease	USD	82,500	75,000	66,000	60,000
GASOIL 0.1% CIF MED BALMO FUT (X6)								
X6	Non-HRP		Decrease	USD	99,000	99,000	85,000	85,000
X6	HRP		Decrease	USD	108,900	99,000	93,500	85,000
MINEUR1%FUEL OIL CRGO FOB NWE BALMO (0C)								
0C	Non-HRP	Tier 1	Decrease	USD	6,000	6,000	5,000	5,000
0C	HRP	Tier 1	Decrease	USD	6,600	6,000	5,500	5,000
0C	Non-HRP	Tier 2	Decrease	USD	5,000	5,000	4,000	4,000
0C	HRP	Tier 2	Decrease	USD	5,500	5,000	4,400	4,000
MINI EUR1%FUELOIL FOB RDM BALMO FUT (0A)								
0A	Non-HRP		Decrease	USD	5,000	5,000	4,500	4,500
0A	HRP		Decrease	USD	5,500	5,000	4,950	4,500
MINI EURO MARINE FUEL 0.5% BALMO (RBM)								
RBM	Non-HRP		Decrease	USD	6,500	6,500	5,000	5,000
RBM	HRP		Decrease	USD	7,150	6,500	5,500	5,000
MINI SINGAPORE FOB MAR FUEL 0.5% (P (SBM)								
SBM	Non-HRP		Decrease	USD	6,000	6,000	5,000	5,000
SBM	HRP		Decrease	USD	6,600	6,000	5,500	5,000
MINI SINGP FUELOIL 180 BALMO FUT (5L)								
5L	Non-HRP	Mnth 1	Decrease	USD	5,500	5,500	4,000	4,000
5L	HRP	Mnth 1	Decrease	USD	6,050	5,500	4,400	4,000
5L	Non-HRP	Mnths 2+	Decrease	USD	5,400	5,400	3,000	3,000
5L	HRP	Mnths 2+	Decrease	USD	5,940	5,400	3,300	3,000
NY (ARGUS) VS. NY HRBR ULSD BALMO (ULB)								
ULB	Non-HRP		Increase	USD	2,700	2,700	3,200	3,200
ULB	HRP		Increase	USD	2,970	2,700	3,520	3,200

SPAN MINIMUM PERFORMANCE BOND REQUIREMENTS

CC	Rate Type	Description	Change	ISO	Current Initial	Current Maintenance	New Initial	New Maintenance
Outright Rates								
PREM UNL GAS 10 PPM BALMO (7N)								
7N	Non-HRP		Decrease	USD	100,000	100,000	65,000	65,000
7N	HRP		Decrease	USD	110,000	100,000	71,500	65,000
PREMIUM UNLEAD 10PPM FOB BLMO (8G)								
8G	Non-HRP		Decrease	USD	95,000	95,000	60,000	60,000
8G	HRP		Decrease	USD	104,500	95,000	66,000	60,000
SG VISCOSITY SPREAD BALMO (MSD)								
MSD	Non-HRP		Decrease	USD	8,000	8,000	6,000	6,000
MSD	HRP		Decrease	USD	8,800	8,000	6,600	6,000
SING FOB MFUEL 0.5%VS EUR FOB MFUEL (SRB)								
SRB	Non-HRP		Decrease	USD	30,000	30,000	25,000	25,000
SRB	HRP		Decrease	USD	33,000	30,000	27,500	25,000
SING MARINE FUEL 0.5% PLATT BALMO (S5B)								
S5B	Non-HRP		Decrease	USD	60,000	60,000	50,000	50,000
S5B	HRP		Decrease	USD	66,000	60,000	55,000	50,000
SINGAPORE 180CST BALMO (BS)								
BS	Non-HRP	Mnth 1	Decrease	USD	55,000	55,000	40,000	40,000
BS	HRP	Mnth 1	Decrease	USD	60,500	55,000	44,000	40,000
BS	Non-HRP	Mnths 2+	Decrease	USD	54,000	54,000	30,000	30,000
BS	HRP	Mnths 2+	Decrease	USD	59,400	54,000	33,000	30,000
SINGAPORE GASOIL 500 PPM (PLATTS) B (GHB)								
GHB	Non-HRP	Tier 2	Decrease	USD	10,000	10,000	9,000	9,000
GHB	HRP	Tier 2	Decrease	USD	11,000	10,000	9,900	9,000
SINGAPORE GASOIL BALMO (VU)								
VU	Non-HRP	Tier 1	Decrease	USD	15,000	15,000	8,500	8,500
VU	HRP	Tier 1	Decrease	USD	16,500	15,000	9,350	8,500
VU	Non-HRP	Tier 2	Decrease	USD	14,400	14,400	7,500	7,500
VU	HRP	Tier 2	Decrease	USD	15,840	14,400	8,250	7,500
SINGAPORE JET KERO BALMO (BX)								
BX	Non-HRP	Mnths 2+	Decrease	USD	9,750	9,750	8,000	8,000
BX	HRP	Mnths 2+	Decrease	USD	10,725	9,750	8,800	8,000
SINGAPORE MOGAS 97 BALMO FUT (Y0)								
Y0	Non-HRP		Decrease	USD	12,000	12,000	9,000	9,000
Y0	HRP		Decrease	USD	13,200	12,000	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

SINGAPORE NAPHTHA BALMO (KU)

KU	Non-HRP	Tier 1	Decrease	USD	10,000	10,000	8,000	8,000
KU	HRP	Tier 1	Decrease	USD	11,000	10,000	8,800	8,000
KU	Non-HRP	Tier 2	Decrease	USD	8,250	8,250	6,000	6,000
KU	HRP	Tier 2	Decrease	USD	9,075	8,250	6,600	6,000

ULSD 10PPM CIF MED BALMO FUT (X7)

X7	Non-HRP		Decrease	USD	95,000	95,000	82,500	82,500
X7	HRP		Decrease	USD	104,500	95,000	90,750	82,500

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								
(LLS (ARGUS) VS. BRENT BALMO FUT)								
LBB	Non-HRP		Increase	USD	800	800	1,200	1,200
LBB	HRP		Increase	USD	880	800	1,320	1,200
DATED TO FRONTLINE BRENT BALMO SWAP FUTURES - Tier 2 vs. Tier 2 (DATED TO FRONTLINE BRENT BALMO FUT)								
FE	Non-HRP		Increase	USD	50	50	75	75
FE	HRP		Increase	USD	55	50	83	75
DATED TO FRONTLINE BRENT BALMO SWAP FUTURES - Tier 1 vs. Tier 2 (DATED TO FRONTLINE BRENT BALMO FUT)								
FE	Non-HRP		Increase	USD	120	120	175	175
FE	HRP		Increase	USD	132	120	193	175
WTI Houston (Argus) vs. WTI Trade Month BALMO Futures -All Months (WTI HOUSTON ARGUS V.WTI TRADE MONTH)								
HTB	Non-HRP		Decrease	USD	1,000	1,000	750	750
HTB	HRP		Decrease	USD	1,100	1,000	825	750

SPAN MINIMUM PERFORMANCE BOND REQUIREMENTS

CC	Rate Type	Description	Change	ISO	Current Initial	Current Maintenance	New Initial	New Maintenance
Intra Spreads								
ELECTRICITY - Intra Spreads								
German Power Baseload Calendar month futures - Months 1 vs 10+ (GERMAN POWER BASELOAD CAL MONTH FUT)								
DEB	Non-HRP		Decrease	EUR	25,200	25,200	19,000	19,000
DEB	HRP		Decrease	EUR	27,720	25,200	20,900	19,000
German Power Baseload Calendar month futures - Months 1 vs 2 (GERMAN POWER BASELOAD CAL MONTH FUT)								
DEB	Non-HRP		Decrease	EUR	21,000	21,000	14,000	14,000
DEB	HRP		Decrease	EUR	23,100	21,000	15,400	14,000
German Power Baseload Calendar month futures - Months 1 vs 3 (GERMAN POWER BASELOAD CAL MONTH FUT)								
DEB	Non-HRP		Decrease	EUR	26,400	26,400	12,200	12,200
DEB	HRP		Decrease	EUR	29,040	26,400	13,420	12,200
German Power Baseload Calendar month futures - Months 1 vs 4-9 (GERMAN POWER BASELOAD CAL MONTH FUT)								
DEB	Non-HRP		Decrease	EUR	26,400	26,400	12,500	12,500
DEB	HRP		Decrease	EUR	29,040	26,400	13,750	12,500
German Power Baseload Calendar month futures - Months 10+ vs 10+ (GERMAN POWER BASELOAD CAL MONTH FUT)								
DEB	Non-HRP		Decrease	EUR	20,700	20,700	10,500	10,500
DEB	HRP		Decrease	EUR	22,770	20,700	11,550	10,500
German Power Baseload Calendar month futures - Months 2 vs 10+ (GERMAN POWER BASELOAD CAL MONTH FUT)								
DEB	Non-HRP		Decrease	EUR	25,600	25,600	18,500	18,500
DEB	HRP		Decrease	EUR	28,160	25,600	20,350	18,500
German Power Baseload Calendar month futures - Months 2 vs 3 (GERMAN POWER BASELOAD CAL MONTH FUT)								
DEB	Non-HRP		Decrease	EUR	25,600	25,600	10,000	10,000
DEB	HRP		Decrease	EUR	28,160	25,600	11,000	10,000
German Power Baseload Calendar month futures - Months 2 vs 4-9 (GERMAN POWER BASELOAD CAL MONTH FUT)								
DEB	Non-HRP		Decrease	EUR	25,600	25,600	10,500	10,500
DEB	HRP		Decrease	EUR	28,160	25,600	11,550	10,500
German Power Baseload Calendar month futures - Months 3 vs 10+ (GERMAN POWER BASELOAD CAL MONTH FUT)								
DEB	Non-HRP		Decrease	EUR	22,500	22,500	18,000	18,000
DEB	HRP		Decrease	EUR	24,750	22,500	19,800	18,000
German Power Baseload Calendar month futures - Months 3 vs 4-9 (GERMAN POWER BASELOAD CAL MONTH FUT)								
DEB	Non-HRP		Decrease	EUR	22,500	22,500	12,000	12,000
DEB	HRP		Decrease	EUR	24,750	22,500	13,200	12,000

SPAN MINIMUM PERFORMANCE BOND REQUIREMENTS

CC	Rate Type	Description	Change	ISO	Current Initial	Current Maintenance	New Initial	New Maintenance
Intra Spreads								
German Power Baseload Calendar month futures - Months 4-9 vs 10+ (GERMAN POWER BASELOAD CAL MONTH FUT)								
DEB	Non-HRP		Decrease	EUR	25,600	25,600	14,000	14,000
DEB	HRP		Decrease	EUR	28,160	25,600	15,400	14,000
German Power Baseload Calendar month futures - Months 4-9 vs 4-9 (GERMAN POWER BASELOAD CAL MONTH FUT)								
DEB	Non-HRP		Decrease	EUR	25,600	25,600	11,000	11,000
DEB	HRP		Decrease	EUR	28,160	25,600	12,100	11,000
German Power Peakload Calendar month futures – Months 1 vs 10+ (GERMAN POWER PEAKLOAD CAL MONTH FUT)								
DEP	Non-HRP		Increase	EUR	4,000	4,000	5,500	5,500
DEP	HRP		Increase	EUR	4,400	4,000	6,050	5,500
German Power Peakload Calendar month futures – Months 1 vs 2 (GERMAN POWER PEAKLOAD CAL MONTH FUT)								
DEP	Non-HRP		Increase	EUR	6,400	6,400	7,000	7,000
DEP	HRP		Increase	EUR	7,040	6,400	7,700	7,000
German Power Peakload Calendar month futures – Months 1 vs 3 (GERMAN POWER PEAKLOAD CAL MONTH FUT)								
DEP	Non-HRP		Increase	EUR	4,000	4,000	6,000	6,000
DEP	HRP		Increase	EUR	4,400	4,000	6,600	6,000
German Power Peakload Calendar month futures – Months 1 vs 4-9 (GERMAN POWER PEAKLOAD CAL MONTH FUT)								
DEP	Non-HRP		Increase	EUR	4,000	4,000	6,500	6,500
DEP	HRP		Increase	EUR	4,400	4,000	7,150	6,500
German Power Peakload Calendar month futures – Months 10+ vs 10+ (GERMAN POWER PEAKLOAD CAL MONTH FUT)								
DEP	Non-HRP		Increase	EUR	3,400	3,400	3,800	3,800
DEP	HRP		Increase	EUR	3,740	3,400	4,180	3,800
German Power Peakload Calendar month futures – Months 2 vs 10+ (GERMAN POWER PEAKLOAD CAL MONTH FUT)								
DEP	Non-HRP		Increase	EUR	3,600	3,600	5,500	5,500
DEP	HRP		Increase	EUR	3,960	3,600	6,050	5,500
German Power Peakload Calendar month futures – Months 2 vs 3 (GERMAN POWER PEAKLOAD CAL MONTH FUT)								
DEP	Non-HRP		Increase	EUR	4,400	4,400	5,300	5,300
DEP	HRP		Increase	EUR	4,840	4,400	5,830	5,300
German Power Peakload Calendar month futures – Months 2 vs 4-9 (GERMAN POWER PEAKLOAD CAL MONTH FUT)								
DEP	Non-HRP		Increase	EUR	4,400	4,400	5,300	5,300
DEP	HRP		Increase	EUR	4,840	4,400	5,830	5,300

SPAN MINIMUM PERFORMANCE BOND REQUIREMENTS

CC	Rate Type	Description	Change	ISO	Current Initial	Current Maintenance	New Initial	New Maintenance
Intra Spreads								
German Power Peakload Calendar month futures – Months 3 vs 10+ (GERMAN POWER PEAKLOAD CAL MONTH FUT)								
DEP	Non-HRP		Increase	EUR	3,600	3,600	5,300	5,300
DEP	HRP		Increase	EUR	3,960	3,600	5,830	5,300
German Power Peakload Calendar month futures – Months 3 vs 4-9 (GERMAN POWER PEAKLOAD CAL MONTH FUT)								
DEP	Non-HRP		Increase	EUR	4,800	4,800	5,200	5,200
DEP	HRP		Increase	EUR	5,280	4,800	5,720	5,200
German Power Peakload Calendar month futures – Months 4-9 vs 10+ (GERMAN POWER PEAKLOAD CAL MONTH FUT)								
DEP	Non-HRP		Increase	EUR	3,600	3,600	5,400	5,400
DEP	HRP		Increase	EUR	3,960	3,600	5,940	5,400
Italian Power Baseload Calendar month futures – Months 1 vs 10+ (ITALIAN POWER BASELOAD GME CAL FUT)								
ITB	Non-HRP		Increase	EUR	21,600	21,600	22,000	22,000
ITB	HRP		Increase	EUR	23,760	21,600	24,200	22,000
Italian Power Baseload Calendar month futures – Months 1 vs 2 (ITALIAN POWER BASELOAD GME CAL FUT)								
ITB	Non-HRP		Decrease	EUR	25,200	25,200	23,000	23,000
ITB	HRP		Decrease	EUR	27,720	25,200	25,300	23,000
Italian Power Baseload Calendar month futures – Months 1 vs 3 (ITALIAN POWER BASELOAD GME CAL FUT)								
ITB	Non-HRP		Decrease	EUR	24,800	24,800	24,000	24,000
ITB	HRP		Decrease	EUR	27,280	24,800	26,400	24,000
Italian Power Baseload Calendar month futures – Months 1 vs 4-9 (ITALIAN POWER BASELOAD GME CAL FUT)								
ITB	Non-HRP		Decrease	EUR	24,000	24,000	22,000	22,000
ITB	HRP		Decrease	EUR	26,400	24,000	24,200	22,000
Italian Power Baseload Calendar month futures – Months 10+ vs 10+ (ITALIAN POWER BASELOAD GME CAL FUT)								
ITB	Non-HRP		Decrease	EUR	20,000	20,000	10,000	10,000
ITB	HRP		Decrease	EUR	22,000	20,000	11,000	10,000
Italian Power Baseload Calendar month futures – Months 2 vs 10+ (ITALIAN POWER BASELOAD GME CAL FUT)								
ITB	Non-HRP		Increase	EUR	20,000	20,000	22,000	22,000
ITB	HRP		Increase	EUR	22,000	20,000	24,200	22,000
Italian Power Baseload Calendar month futures – Months 2 vs 3 (ITALIAN POWER BASELOAD GME CAL FUT)								
ITB	Non-HRP		Increase	EUR	20,400	20,400	22,000	22,000
ITB	HRP		Increase	EUR	22,440	20,400	24,200	22,000
Italian Power Baseload Calendar month futures – Months 2 vs 4-9 (ITALIAN POWER BASELOAD GME CAL FUT)								
ITB	Non-HRP		Decrease	EUR	20,800	20,800	18,500	18,500
ITB	HRP		Decrease	EUR	22,880	20,800	20,350	18,500

SPAN MINIMUM PERFORMANCE BOND REQUIREMENTS

CC	Rate Type	Description	Change	ISO	Current Initial	Current Maintenance	New Initial	New Maintenance
Intra Spreads								
Italian Power Baseload Calendar month futures – Months 3 vs 10+ (ITALIAN POWER BASELOAD GME CAL FUT)								
ITB	Non-HRP		Decrease	EUR	20,000	20,000	16,000	16,000
ITB	HRP		Decrease	EUR	22,000	20,000	17,600	16,000
Italian Power Baseload Calendar month futures – Months 3 vs 4-9 (ITALIAN POWER BASELOAD GME CAL FUT)								
ITB	Non-HRP		Decrease	EUR	20,000	20,000	17,000	17,000
ITB	HRP		Decrease	EUR	22,000	20,000	18,700	17,000
Italian Power Baseload Calendar month futures – Months 4-9 vs 10+ (ITALIAN POWER BASELOAD GME CAL FUT)								
ITB	Non-HRP		Decrease	EUR	19,200	19,200	14,000	14,000
ITB	HRP		Decrease	EUR	21,120	19,200	15,400	14,000
Italian Power Baseload Calendar month futures – Months 4-9 vs 4-9 (ITALIAN POWER BASELOAD GME CAL FUT)								
ITB	Non-HRP		Decrease	EUR	20,800	20,800	19,000	19,000
ITB	HRP		Decrease	EUR	22,880	20,800	20,900	19,000
Italian Power Peakload Calendar month futures – Months 1 vs 10+ (ITALIAN POWER PEAKLOAD GME CAL FUT)								
ITP	Non-HRP		Increase	EUR	2,400	2,400	9,000	9,000
ITP	HRP		Increase	EUR	2,640	2,400	9,900	9,000
Italian Power Peakload Calendar month futures – Months 1 vs 2 (ITALIAN POWER PEAKLOAD GME CAL FUT)								
ITP	Non-HRP		Decrease	EUR	9,000	9,000	8,500	8,500
ITP	HRP		Decrease	EUR	9,900	9,000	9,350	8,500
Italian Power Peakload Calendar month futures – Months 1 vs 3 (ITALIAN POWER PEAKLOAD GME CAL FUT)								
ITP	Non-HRP		Increase	EUR	5,300	5,300	8,500	8,500
ITP	HRP		Increase	EUR	5,830	5,300	9,350	8,500
Italian Power Peakload Calendar month futures – Months 1 vs 4-9 (ITALIAN POWER PEAKLOAD GME CAL FUT)								
ITP	Non-HRP		Increase	EUR	5,400	5,400	8,000	8,000
ITP	HRP		Increase	EUR	5,940	5,400	8,800	8,000
Italian Power Peakload Calendar month futures – Months 10+ vs 10+ (ITALIAN POWER PEAKLOAD GME CAL FUT)								
ITP	Non-HRP		Increase	EUR	3,300	3,300	4,400	4,400
ITP	HRP		Increase	EUR	3,630	3,300	4,840	4,400
Italian Power Peakload Calendar month futures – Months 2 vs 10+ (ITALIAN POWER PEAKLOAD GME CAL FUT)								
ITP	Non-HRP		Increase	EUR	4,600	4,600	6,200	6,200
ITP	HRP		Increase	EUR	5,060	4,600	6,820	6,200
Italian Power Peakload Calendar month futures – Months 2 vs 3 (ITALIAN POWER PEAKLOAD GME CAL FUT)								
ITP	Non-HRP		Increase	EUR	5,400	5,400	6,500	6,500
ITP	HRP		Increase	EUR	5,940	5,400	7,150	6,500

SPAN MINIMUM PERFORMANCE BOND REQUIREMENTS

CC	Rate Type	Description	Change	ISO	Current Initial	Current Maintenance	New Initial	New Maintenance
Intra Spreads								
Italian Power Peakload Calendar month futures – Months 2 vs 4-9 (ITALIAN POWER PEAKLOAD GME CAL FUT)								
ITP	Non-HRP		Decrease	EUR	7,800	7,800	6,000	6,000
ITP	HRP		Decrease	EUR	8,580	7,800	6,600	6,000
Italian Power Peakload Calendar month futures – Months 3 vs 10+ (ITALIAN POWER PEAKLOAD GME CAL FUT)								
ITP	Non-HRP		Decrease	EUR	5,800	5,800	4,700	4,700
ITP	HRP		Decrease	EUR	6,380	5,800	5,170	4,700
Italian Power Peakload Calendar month futures – Months 3 vs 4-9 (ITALIAN POWER PEAKLOAD GME CAL FUT)								
ITP	Non-HRP		Decrease	EUR	5,400	5,400	4,500	4,500
ITP	HRP		Decrease	EUR	5,940	5,400	4,950	4,500
Italian Power Peakload Calendar month futures – Months 4-9 vs 10+ (ITALIAN POWER PEAKLOAD GME CAL FUT)								
ITP	Non-HRP		Decrease	EUR	5,400	5,400	4,800	4,800
ITP	HRP		Decrease	EUR	5,940	5,400	5,280	4,800
Italian Power Peakload Calendar month futures – Months 4-9 vs 4-9 (ITALIAN POWER PEAKLOAD GME CAL FUT)								
ITP	Non-HRP		Decrease	EUR	6,300	6,300	4,500	4,500
ITP	HRP		Decrease	EUR	6,930	6,300	4,950	4,500
Mnth 1 vs 2 (JAPANESE POWER DAY-AHEAD PEAKLOAD)								
JPT	Non-HRP		Decrease	JPY	1,050,000	1,050,000	750,000	750,000
JPT	HRP		Decrease	JPY	1,155,000	1,050,000	825,000	750,000
Mnth 1 vs 2 (JAPANESE POWER KANSAI PEAK-LOAD)								
JPK	Non-HRP		Decrease	JPY	950,000	950,000	875,000	875,000
JPK	HRP		Decrease	JPY	1,045,000	950,000	962,500	875,000
Mnth 1 vs 2 (JAPANESE POWER TOKYO BASE-LOAD)								
JBT	Non-HRP		Decrease	JPY	1,850,000	1,850,000	1,500,000	1,500,000
JBT	HRP		Decrease	JPY	2,035,000	1,850,000	1,650,000	1,500,000
Mnth 1 vs 3 (JAPANESE POWER KANSAI BASE-LOAD)								
JBK	Non-HRP		Decrease	JPY	1,400,000	1,400,000	1,050,000	1,050,000
JBK	HRP		Decrease	JPY	1,540,000	1,400,000	1,155,000	1,050,000
Mnth 1 vs 3 (JAPANESE POWER TOKYO BASE-LOAD)								
JBT	Non-HRP		Decrease	JPY	1,900,000	1,900,000	1,350,000	1,350,000
JBT	HRP		Decrease	JPY	2,090,000	1,900,000	1,485,000	1,350,000
Mnth 1 vs 3+ (JAPANESE POWER DAY-AHEAD PEAKLOAD)								
JPT	Non-HRP		Decrease	JPY	875,000	875,000	750,000	750,000
JPT	HRP		Decrease	JPY	962,500	875,000	825,000	750,000

SPAN MINIMUM PERFORMANCE BOND REQUIREMENTS

CC	Rate Type	Description	Change	ISO	Current Initial	Current Maintenance	New Initial	New Maintenance
Intra Spreads								
Mnth 1 vs 3+ (JAPANESE POWER KANSAI PEAK-LOAD)								
JPK	Non-HRP		Increase	JPY	750,000	750,000	800,000	800,000
JPK	HRP		Increase	JPY	825,000	750,000	880,000	800,000
Mnth 1 vs 4+ (JAPANESE POWER KANSAI BASE-LOAD)								
JBK	Non-HRP		Decrease	JPY	1,650,000	1,650,000	1,150,000	1,150,000
JBK	HRP		Decrease	JPY	1,815,000	1,650,000	1,265,000	1,150,000
Mnth 1 vs 4+ (JAPANESE POWER TOKYO BASE-LOAD)								
JBT	Non-HRP		Decrease	JPY	1,900,000	1,900,000	1,250,000	1,250,000
JBT	HRP		Decrease	JPY	2,090,000	1,900,000	1,375,000	1,250,000
Mnth 2 vs 3 (JAPANESE POWER KANSAI BASE-LOAD)								
JBK	Non-HRP		Decrease	JPY	1,500,000	1,500,000	920,000	920,000
JBK	HRP		Decrease	JPY	1,650,000	1,500,000	1,012,000	920,000
Mnth 2 vs 3 (JAPANESE POWER TOKYO BASE-LOAD)								
JBT	Non-HRP		Decrease	JPY	1,750,000	1,750,000	1,200,000	1,200,000
JBT	HRP		Decrease	JPY	1,925,000	1,750,000	1,320,000	1,200,000
Mnth 2 vs 3+ (JAPANESE POWER DAY-AHEAD PEAKLOAD)								
JPT	Non-HRP		Decrease	JPY	850,000	850,000	750,000	750,000
JPT	HRP		Decrease	JPY	935,000	850,000	825,000	750,000
Mnth 2 vs 3+ (JAPANESE POWER KANSAI PEAK-LOAD)								
JPK	Non-HRP		Increase	JPY	700,000	700,000	795,000	795,000
JPK	HRP		Increase	JPY	770,000	700,000	874,500	795,000
Mnth 2 vs 4+ (JAPANESE POWER KANSAI BASE-LOAD)								
JBK	Non-HRP		Decrease	JPY	1,400,000	1,400,000	950,000	950,000
JBK	HRP		Decrease	JPY	1,540,000	1,400,000	1,045,000	950,000
Mnth 2 vs 4+ (JAPANESE POWER TOKYO BASE-LOAD)								
JBT	Non-HRP		Decrease	JPY	1,700,000	1,700,000	1,100,000	1,100,000
JBT	HRP		Decrease	JPY	1,870,000	1,700,000	1,210,000	1,100,000
Mnth 3 vs 4+ (JAPANESE POWER KANSAI BASE-LOAD)								
JBK	Non-HRP		Decrease	JPY	1,400,000	1,400,000	1,000,000	1,000,000
JBK	HRP		Decrease	JPY	1,540,000	1,400,000	1,100,000	1,000,000
Mnth 3 vs 4+ (JAPANESE POWER TOKYO BASE-LOAD)								
JBT	Non-HRP		Decrease	JPY	1,500,000	1,500,000	1,050,000	1,050,000
JBT	HRP		Decrease	JPY	1,650,000	1,500,000	1,155,000	1,050,000

SPAN MINIMUM PERFORMANCE BOND REQUIREMENTS

CC	Rate Type	Description	Change	ISO	Current Initial	Current Maintenance	New Initial	New Maintenance
Intra Spreads								
Mnths 3+ vs 3+ (JAPANESE POWER DAY-AHEAD PEAKLOAD)								
JPT	Non-HRP		Decrease	JPY	800,000	800,000	700,000	700,000
JPT	HRP		Decrease	JPY	880,000	800,000	770,000	700,000
Mnths 3+ vs 3+ (JAPANESE POWER KANSAI PEAK-LOAD)								
JPk	Non-HRP		Increase	JPY	675,000	675,000	690,000	690,000
JPk	HRP		Increase	JPY	742,500	675,000	759,000	690,000
Mnths 4+ vs 4+ (JAPANESE POWER KANSAI BASE-LOAD)								
JBK	Non-HRP		Decrease	JPY	1,400,000	1,400,000	950,000	950,000
JBK	HRP		Decrease	JPY	1,540,000	1,400,000	1,045,000	950,000
Mnths 4+ vs 4+ (JAPANESE POWER TOKYO BASE-LOAD)								
JBT	Non-HRP		Decrease	JPY	1,350,000	1,350,000	850,000	850,000
JBT	HRP		Decrease	JPY	1,485,000	1,350,000	935,000	850,000
METALS - Intra Spreads								
CX-LTH Month(s) 01 vs Month(s) 02-03 (LITHIUM HYDROXIDE (FASTMARKETS) FUT)								
LTH	Non-HRP		Increase	USD	5,000	5,000	6,000	6,000
LTH	HRP		Increase	USD	5,500	5,000	6,600	6,000
CX-LTH Month(s) 01 vs Month(s) 04-06 (LITHIUM HYDROXIDE (FASTMARKETS) FUT)								
LTH	Non-HRP		Increase	USD	6,000	6,000	6,500	6,500
LTH	HRP		Increase	USD	6,600	6,000	7,150	6,500
CX-LTH Month(s) 01 vs Month(s) 07+ (LITHIUM HYDROXIDE (FASTMARKETS) FUT)								
LTH	Non-HRP		Increase	USD	6,500	6,500	7,000	7,000
LTH	HRP		Increase	USD	7,150	6,500	7,700	7,000
CX-LTH Month(s) 02-03 vs Month(s) 02-03 (LITHIUM HYDROXIDE (FASTMARKETS) FUT)								
LTH	Non-HRP		Increase	USD	3,750	3,750	4,500	4,500
LTH	HRP		Increase	USD	4,125	3,750	4,950	4,500
CX-LTH Month(s) 02-03 vs Month(s) 04-06 (LITHIUM HYDROXIDE (FASTMARKETS) FUT)								
LTH	Non-HRP		Increase	USD	6,000	6,000	6,500	6,500
LTH	HRP		Increase	USD	6,600	6,000	7,150	6,500
CX-LTH Month(s) 02-03 vs Month(s) 07+ (LITHIUM HYDROXIDE (FASTMARKETS) FUT)								
LTH	Non-HRP		Increase	USD	6,500	6,500	7,000	7,000
LTH	HRP		Increase	USD	7,150	6,500	7,700	7,000

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								
(SINGAPORE JET KEROSENE VS. GASOIL 5)								
RHB	Non-HRP		Increase	USD	520	520	750	750
RHB	HRP		Increase	USD	572	520	825	750
3.5% Fuel Oil (Platts) FOB MED Crack Spread BALMO Swap Futures - All Months (3.5% FUELOIL FOB MED CRK SPD BALMO)								
FOA	Non-HRP		Increase	USD	1,500	1,500	2,000	2,000
FOA	HRP		Increase	USD	1,650	1,500	2,200	2,000
3.5% Fuel Oil Rdam vs. 3.5% FOB MED Spread (Platts) BALMO Swap Futures - All Months (3.5% FUEL OIL RDM VS FOB MED BALM)								
63	Non-HRP		Increase	USD	650	650	900	900
63	HRP		Increase	USD	715	650	990	900
Diesel 10ppm Barges FOB Rdam vs. ICE Gasoil Balmo Swap - All Months (DIESEL 10P BRG FOB ARA V LSG BALMO)								
7X	Non-HRP		Increase	USD	1,300	1,300	1,900	1,900
7X	HRP		Increase	USD	1,430	1,300	2,090	1,900
European Naphtha (Platts) Crack Spread BALMO Swap Futures- All Months (EUROP NAPHTHA PLATTS CRCK SPR BALMO)								
43	Non-HRP		Increase	USD	650	650	900	900
43	HRP		Increase	USD	715	650	990	900
European Naphtha (Platts) Crack Spread BALMO Swap Futures- All Months (NPHTHA(PLATS)CRGOES CIF NWE CK BLMO)								
NBB	Non-HRP		Increase	USD	5,785	5,785	8,010	8,010
NBB	HRP		Increase	USD	6,364	5,785	8,811	8,010
Gasoil 10ppm Cargoes CIF NWE v. ICE Gasoil Balmo Swap - All Months (ULSD 10P CRG CIF NW V ICE BL)								
3V	Non-HRP		Increase	USD	2,000	2,000	3,000	3,000
3V	HRP		Increase	USD	2,200	2,000	3,300	3,000
Gulf Coast ULSD (Argus) Up-Down BALMO Swap Futures - All Months (GLFCST ULSD ARGUS UP/DN BALMO FUT)								
GUD	Non-HRP		Increase	USD	600	600	900	900
GUD	HRP		Increase	USD	660	600	990	900
Jet Fuel Barges FOB Rdam Vs. ICE Gasoil Balmo Swap - All Months (JET FUEL BRG FOB RDM V ICE BLM)								
9Q	Non-HRP		Increase	USD	2,000	2,000	3,000	3,000
9Q	HRP		Increase	USD	2,200	2,000	3,300	3,000
New York 1% Fuel Oil (Platts) vs. Gulf Coast 3% Fuel Oil (Platts) BALMO - All Months (NY 1% FO (PLATTS) V GF CO HSFO BAL)								
NFG	Non-HRP		Increase	USD	300	300	450	450
NFG	HRP		Increase	USD	330	300	495	450

SPAN MINIMUM PERFORMANCE BOND REQUIREMENTS

CC	Rate Type	Description	Change	ISO	Current Initial	Current Maintenance	New Initial	New Maintenance
Intra Spreads								
New York Fuel Oil 1.0% vs. European 1% Fuel Oil Cargoes FOB NWE (Platts) BALMO Swap Futures - All Months (NY FO 1% VS EURO 1%FOB NWE BALMO)								
NYG	Non-HRP		Increase	USD	1,800	1,800	2,500	2,500
NYG	HRP		Increase	USD	1,980	1,800	2,750	2,500
Northwest Europe Fuel Oil High-Low Sulfur Spread (Platts) BALMO Swap Futures - All Months (1%FUELOIL FOBNWE VS 3.5%BARG FOB BA)								
88	Non-HRP		Increase	USD	2,900	2,900	4,000	4,000
88	HRP		Increase	USD	3,190	2,900	4,400	4,000
NY Buckeye Jet Fuel (Platts) vs. NY Harbor ULSD BALMO Futures - All Days (NY BUCKEYE JET FUEL V. NY HR BALMO)								
JTB	Non-HRP		Increase	USD	1,000	1,000	1,400	1,400
JTB	HRP		Increase	USD	1,100	1,000	1,540	1,400
Singapore Fuel Oil 180 cst (Platts) 6.35 Dubai Crack Spread BALMO Swap Futures - All Months (SPORE FUELOIL 180CST 6.35 DUBAI BLM)								
STB	Non-HRP		Increase	USD	1,350	1,350	2,000	2,000
STB	HRP		Increase	USD	1,485	1,350	2,200	2,000
Singapore Jet Kero vs. Gasoil Spread BALMO Swap - All Months (SING JET KERO VS GASOIL SPR B)								
Z0	Non-HRP		Increase	USD	600	600	900	900
Z0	HRP		Increase	USD	660	600	990	900

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								
(EURO MARINE FUEL 0.5% PLATTS BALMO)								
R5B	Non-HRP		Increase	USD	18,000	18,000	22,000	22,000
R5B	HRP		Increase	USD	19,800	18,000	24,200	22,000
(EUROPEAN FOB RDAM MARINE FUEL 0.5%)								
R5E	Non-HRP		Increase	USD	10,000	10,000	13,000	13,000
R5E	HRP		Increase	USD	11,000	10,000	14,300	13,000
(MINI EURO MARINE FUEL 0.5% BALMO)								
RBM	Non-HRP		Increase	USD	1,800	1,800	2,200	2,200
RBM	HRP		Increase	USD	1,980	1,800	2,420	2,200
(SING FOB MFUEL 0.5%VS EUR FOB MFUEL)								
SRB	Non-HRP		Increase	USD	4,750	4,750	7,000	7,000
SRB	HRP		Increase	USD	5,225	4,750	7,700	7,000
1% Fuel Oil (Platts) Cargoes FOB MED BALMO Swap Futures - All Months (1% FUEL OIL PLATTS FOB BALMO FUT)								
FOM	Non-HRP		Increase	USD	12,000	12,000	15,000	15,000
FOM	HRP		Increase	USD	13,200	12,000	16,500	15,000
Diesel 10ppm Barges FOB Rdam BALMO Swap - All Months (DIESEL10PPMBRGS FOB ARA (PLATTS)BAL)								
U7	Non-HRP		Increase	USD	10,000	10,000	12,000	12,000
U7	HRP		Increase	USD	11,000	10,000	13,200	12,000
East-West Fuel Oil Spread (Platts) BALMO Swap Futures - All Months (EAST-WEST FUEL OIL PLT BALMO FUT)								
EWB	Non-HRP		Increase	USD	2,800	2,800	4,000	4,000
EWB	HRP		Increase	USD	3,080	2,800	4,400	4,000
EuroBob Gasoline 10ppm (Platts) Rdam FOB Barges BALMO Swap - All Months (EUROBOB GAS10PPM BALMO)								
7S	Non-HRP		Increase	USD	10,000	10,000	14,000	14,000
7S	HRP		Increase	USD	11,000	10,000	15,400	14,000
European 1% Fuel Oil (Platts) Barges FOB Rdam BALMO Swap Futures-All Months (EUR 1% FUEL OIL FOB RDM BALMO FUT)								
6L	Non-HRP		Increase	USD	7,750	7,750	10,500	10,500
6L	HRP		Increase	USD	8,525	7,750	11,550	10,500
European 1% Fuel Oil (Platts) Barges FOB Rdam BALMO Swap Futures-All Months (MINI EUR1%FUELOIL FOB RDM BALMO FUT)								
0A	Non-HRP		Increase	USD	775	775	1,050	1,050
0A	HRP		Increase	USD	853	775	1,155	1,050
European 1% Fuel Oil BALMO Swap (Northwest Europe) - All Months (EURO 1% FUEL OIL NEW BALMO)								
KX	Non-HRP		Increase	USD	6,800	6,800	10,000	10,000
KX	HRP		Increase	USD	7,480	6,800	11,000	10,000

SPAN MINIMUM PERFORMANCE BOND REQUIREMENTS

CC	Rate Type	Description	Change	ISO	Current Initial	Current Maintenance	New Initial	New Maintenance
Intra Spreads								
European 1% Fuel Oil BALMO Swap (Northwest Europe) - All Months (MINEUR1%FUEL OIL CRGO FOB NWE BALMO)								
0C	Non-HRP		Increase	USD	680	680	1,000	1,000
0C	HRP		Increase	USD	748	680	1,100	1,000
European Naphtha BALMO Swap - All Months (EUROPEAN NAPHTHA BALMO)								
KZ	Non-HRP		Increase	USD	4,500	4,500	6,000	6,000
KZ	HRP		Increase	USD	4,950	4,500	6,600	6,000
European Naphtha BALMO Swap - All Months (MINI EURO NAPHTHA BALMO FUT)								
MEN	Non-HRP		Increase	USD	450	450	600	600
MEN	HRP		Increase	USD	495	450	660	600
Gasoil 0.1 Cargoes CIF MED BALMO Swap - All Months (GASOIL 0.1% CIF MED BALMO FUT)								
X6	Non-HRP		Increase	USD	10,000	10,000	13,000	13,000
X6	HRP		Increase	USD	11,000	10,000	14,300	13,000
Gasoil 0.1 Cargoes CIF NWE Balmo Swap - All Months (GASOIL 0.1% CIF NW BALMO FUT)								
B7	Non-HRP		Increase	USD	7,250	7,250	10,000	10,000
B7	HRP		Increase	USD	7,975	7,250	11,000	10,000
Gasoil 0.1 Cargoes FOB Rdam Balmo Swap - All Months (GASOIL0.1%BRGS FOB ARA(PLATTS)BALMO)								
B8	Non-HRP		Increase	USD	5,750	5,750	7,500	7,500
B8	HRP		Increase	USD	6,325	5,750	8,250	7,500
Jet Fuel Barges FOB Rdam BALMO Swap - All Months (JET FUEL BARGES RDAM BALMO)								
X9	Non-HRP		Increase	USD	15,000	15,000	16,250	16,250
X9	HRP		Increase	USD	16,500	15,000	17,875	16,250
NY ULSD (Argus) vs. Heating Oil Spread Balmo Swap Futures - All Months (NY (ARGUS) VS. NY HRBR ULSD BALMO)								
ULB	Non-HRP		Increase	USD	750	750	1,200	1,200
ULB	HRP		Increase	USD	825	750	1,320	1,200
Premium UNL Gasoline 10ppm (Platts) FOB Med Balmo - All Months (PREMIUM UNLEAD 10PPM FOB BLMO)								
8G	Non-HRP		Increase	USD	12,000	12,000	18,000	18,000
8G	HRP		Increase	USD	13,200	12,000	19,800	18,000
Premium Unleaded Gasoline 10 ppm (Platts) Rdam FOB Barges BALMO Swap - All Months (PREM UNL GAS 10 PPM BALMO)								
7N	Non-HRP		Increase	USD	11,750	11,750	17,500	17,500
7N	HRP		Increase	USD	12,925	11,750	19,250	17,500
Singapore 380CST Balmo - All Months (MIN SPORE FUELOIL380CST(PLTS) BALMO)								
MTB	Non-HRP		Increase	USD	650	650	850	850
MTB	HRP		Increase	USD	715	650	935	850

SPAN MINIMUM PERFORMANCE BOND REQUIREMENTS

CC	Rate Type	Description	Change	ISO	Current Initial	Current Maintenance	New Initial	New Maintenance
Intra Spreads								
Singapore 380CST Balmo - All Months (SINGAPORE 380CST BALMO)								
BT	Non-HRP		Increase	USD	6,500	6,500	8,500	8,500
BT	HRP		Increase	USD	7,150	6,500	9,350	8,500
Singapore Fuel Oil 180 cst vs. 380 cst Spread (Platts) BALMO Swap Futures - All Months (SG VISCOSITY SPREAD BALMO)								
MSD	Non-HRP		Increase	USD	1,700	1,700	2,500	2,500
MSD	HRP		Increase	USD	1,870	1,700	2,750	2,500
Singapore Gasoil BALMO Swap - All Months (SINGAPORE GASOIL BALMO)								
VU	Non-HRP		Increase	USD	3,500	3,500	4,000	4,000
VU	HRP		Increase	USD	3,850	3,500	4,400	4,000
Singapore Jet Kero Balmo - All Months (SINGAPORE JET KERO BALMO)								
BX	Non-HRP		Increase	USD	1,700	1,700	2,250	2,250
BX	HRP		Increase	USD	1,870	1,700	2,475	2,250
Singapore Mogas 92 Unleaded (Platts) BALMO Swap - All Months (MOGAS92 UNLEADED (PLTS) BLM FUT)								
1P	Non-HRP		Increase	USD	1,750	1,750	2,500	2,500
1P	HRP		Increase	USD	1,925	1,750	2,750	2,500
Singapore Mogas 95 BALMO Swap - All Months (SINGAPORE MOGAS 95 BALMO FUT)								
W0	Non-HRP		Increase	USD	2,500	2,500	3,000	3,000
W0	HRP		Increase	USD	2,750	2,500	3,300	3,000
Singapore Mogas 97 BALMO Swap - All Months (SINGAPORE MOGAS 97 BALMO FUT)								
Y0	Non-HRP		Increase	USD	2,000	2,000	2,800	2,800
Y0	HRP		Increase	USD	2,200	2,000	3,080	2,800
Singapore Naphtha BALMO Swap - All Months (SINGAPORE NAPHTHA BALMO)								
KU	Non-HRP		Increase	USD	2,000	2,000	3,000	3,000
KU	HRP		Increase	USD	2,200	2,000	3,300	3,000
ULSD 10ppm Cargoes CIF MED BALMO Swap - All Months (ULSD 10PPM CIF MED BALMO FUT)								
X7	Non-HRP		Increase	USD	4,400	4,400	6,000	6,000
X7	HRP		Increase	USD	4,840	4,400	6,600	6,000
ULSD 10ppm Cargoes CIF NWE Balmo Swap - All Months (ULSD 10PPM CIF NW BALMO FUT)								
B1	Non-HRP		Increase	USD	7,000	7,000	10,000	10,000
B1	HRP		Increase	USD	7,700	7,000	11,000	10,000