



21-170

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

FROM: CME Clearing

SUBJECT: Performance Bond Requirements

DATE: Thursday, May 6, 2021

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, May 7, 2021.

Current rates as of:

Thursday, May 6, 2021.

In this current advisory there are changes to the Short Option Minimum and/or the Volatility Scan Range. Below are descriptions of what each change affects:

The Short Option Minimum (SOM) is a charge that is applied only to portfolios concentrated in short options that do not generate a minimum margin requirement level when margins are calculated using the normal 16 SPAN scenarios. The SOM charge per short calls or short puts is a percentage of the outright margin on one underlying futures contract.

The volatility scan range is the change in implied volatility that is used in each of SPAN's 16 scenarios.

The advisory includes change to certain product's Splitting methodology. The specific product can be found on page 33 of the advisory

SPAN MINIMUM PERFORMANCE BOND REQUIREMENTS

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

AGRICULTURE - Outright Rates

CASH STL SUNOIL FOB PLATTS FUT (BSF)

BSF	HRP	Month 1	Increase	USD	1,320	1,200	1,650	1,500
BSF	Non-HRP	Month 1	Increase	USD	1,200	1,200	1,500	1,500
BSF	HRP	Month 2+	Increase	USD	1,320	1,200	1,650	1,500
BSF	Non-HRP	Month 2+	Increase	USD	1,200	1,200	1,500	1,500

LUMBER110 FUTURES (LB)

LB	HRP	Mnths 2-3	Increase	USD	7,645	6,950	9,075	8,250
LB	Non-HRP	Mnths 2-3	Increase	USD	6,950	6,950	8,250	8,250
LB	HRP	Mnth 1	Increase	USD	8,690	7,900	9,900	9,000
LB	Non-HRP	Mnth 1	Increase	USD	7,900	7,900	9,000	9,000

EQUITY INDEX - Outright Rates

BITCOIN FUTURES (BTC)

BTC	HRP		Decrease	USD	42%	38%	39%	35%
BTC	Non-HRP		Decrease	USD	38%	38%	35%	35%

ETHER FUTURES (ETH)

ETH	HRP		Decrease	USD	50%	45%	44%	40%
ETH	Non-HRP		Decrease	USD	45%	45%	40%	40%

MICRO BITCOIN FUTURES (MBT)

MBT	HRP		Decrease	USD	42%	38%	39%	35%
MBT	Non-HRP		Decrease	USD	38%	38%	35%	35%

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

ETHANOL - Outright Rates

CHICAGO ETHANOL FUT (CU)

CU	HRP	Mth 1	Increase	USD	5,060	4,600	5,940	5,400
CU	Non-HRP	Mth 1	Increase	USD	4,600	4,600	5,400	5,400
CU	HRP	Mths 2	Increase	USD	4,895	4,450	5,775	5,250
CU	Non-HRP	Mths 2	Increase	USD	4,450	4,450	5,250	5,250
CU	HRP	Mth 3-7	Increase	USD	4,510	4,100	5,390	4,900
CU	Non-HRP	Mth 3-7	Increase	USD	4,100	4,100	4,900	4,900
CU	HRP	Mnth 8+	Increase	USD	3,960	3,600	4,730	4,300
CU	Non-HRP	Mnth 8+	Increase	USD	3,600	3,600	4,300	4,300

ETHANOL FUTURES (EH)

EH	HRP	Month 1	Increase	USD	4,290	3,900	4,730	4,300
EH	Non-HRP	Month 1	Increase	USD	3,900	3,900	4,300	4,300
EH	HRP	Month 2	Increase	USD	4,015	3,650	4,565	4,150
EH	Non-HRP	Month 2	Increase	USD	3,650	3,650	4,150	4,150
EH	HRP	Month 3+	Increase	USD	4,015	3,650	4,565	4,150
EH	Non-HRP	Month 3+	Increase	USD	3,650	3,650	4,150	4,150

NEW YORK ETHANOL FUT (EZ)

EZ	HRP	Mth 1	Increase	USD	5,060	4,600	6,160	5,600
EZ	Non-HRP	Mth 1	Increase	USD	4,600	4,600	5,600	5,600
EZ	HRP	Mth 2	Increase	USD	4,895	4,450	5,995	5,450
EZ	Non-HRP	Mth 2	Increase	USD	4,450	4,450	5,450	5,450
EZ	HRP	Mths 3-7	Increase	USD	4,455	4,050	5,500	5,000
EZ	Non-HRP	Mths 3-7	Increase	USD	4,050	4,050	5,000	5,000
EZ	HRP	Mnths 8+	Increase	USD	4,455	4,050	5,500	5,000
EZ	Non-HRP	Mnths 8+	Increase	USD	4,050	4,050	5,000	5,000

SPAN MINIMUM PERFORMANCE BOND REQUIREMENTS

CC	Rate Type	Description	Change	ISO	Current Initial	Current Maintenance	New Initial	New Maintenance
Outright Rates								
METALS - Outright Rates								
ALUMINA FOB AUSTRALIA PLATT FUTURES (ALA)								
ALA	HRP	Mths 1-4	Increase	USD	3,300	3,000	3,960	3,600
ALA	Non-HRP	Mths 1-4	Increase	USD	3,000	3,000	3,600	3,600
ALA	HRP	Mths 3+	Increase	USD	3,300	3,000	3,960	3,600
ALA	Non-HRP	Mths 3+	Increase	USD	3,000	3,000	3,600	3,600
ALUMINIUM EURO PREM DUTY-PAID FUT (EDP)								
EDP	HRP	Mths 10+	Increase	USD	792	720	880	800
EDP	Non-HRP	Mths 10+	Increase	USD	720	720	800	800
ALUMINIUM EURO PREM METAL BULLETIN (AEP)								
AEP	HRP	Mth 1	Increase	USD	605	550	726	660
AEP	Non-HRP	Mth 1	Increase	USD	550	550	660	660
AEP	HRP	Mths 10+	Increase	USD	561	510	671	610
AEP	Non-HRP	Mths 10+	Increase	USD	510	510	610	610
ALUMINUM JAPAN PREMIUM (PLATTS) FUT (MJP)								
MJP	HRP	Mths 01	Increase	USD	275	250	330	300
MJP	Non-HRP	Mths 01	Increase	USD	250	250	300	300
MJP	HRP	Mths 02-03	Increase	USD	605	550	688	625
MJP	Non-HRP	Mths 02-03	Increase	USD	550	550	625	625
MJP	HRP	Mths 10+	Increase	USD	330	300	396	360
MJP	Non-HRP	Mths 10+	Increase	USD	300	300	360	360
COMEX 100 GOLD FUTURES (GC)								
GC	HRP	Mnth1	Decrease	USD	11,000	10,000	9,900	9,000
GC	Non-HRP	Mnth1	Decrease	USD	10,000	10,000	9,000	9,000
GC	HRP	Mnth2	Decrease	USD	11,000	10,000	9,900	9,000
GC	Non-HRP	Mnth2	Decrease	USD	10,000	10,000	9,000	9,000
GC	HRP	Mnth3	Decrease	USD	11,000	10,000	9,900	9,000
GC	Non-HRP	Mnth3	Decrease	USD	10,000	10,000	9,000	9,000
GC	HRP	Mnth4	Decrease	USD	11,000	10,000	9,900	9,000
GC	Non-HRP	Mnth4	Decrease	USD	10,000	10,000	9,000	9,000
GC	HRP	Mnth5	Decrease	USD	11,000	10,000	9,900	9,000
GC	Non-HRP	Mnth5	Decrease	USD	10,000	10,000	9,000	9,000
GC	HRP	Mnth6	Decrease	USD	11,000	10,000	9,900	9,000
GC	Non-HRP	Mnth6	Decrease	USD	10,000	10,000	9,000	9,000
GC	HRP	Mnth7	Decrease	USD	11,000	10,000	9,900	9,000
GC	Non-HRP	Mnth7	Decrease	USD	10,000	10,000	9,000	9,000
GC	HRP	Mnth8+	Decrease	USD	11,000	10,000	9,900	9,000
GC	Non-HRP	Mnth8+	Decrease	USD	10,000	10,000	9,000	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

COMEX 100 GOLD TRADE AT SETTLEMENT (GCT)

GCT	HRP	Mnth1	Decrease	USD	11,000	10,000	9,900	9,000
GCT	Non-HRP	Mnth1	Decrease	USD	10,000	10,000	9,000	9,000
GCT	HRP	Mnth2	Decrease	USD	11,000	10,000	9,900	9,000
GCT	Non-HRP	Mnth2	Decrease	USD	10,000	10,000	9,000	9,000
GCT	HRP	Mnth3	Decrease	USD	11,000	10,000	9,900	9,000
GCT	Non-HRP	Mnth3	Decrease	USD	10,000	10,000	9,000	9,000
GCT	HRP	Mnth4	Decrease	USD	11,000	10,000	9,900	9,000
GCT	Non-HRP	Mnth4	Decrease	USD	10,000	10,000	9,000	9,000
GCT	HRP	Mnth5	Decrease	USD	11,000	10,000	9,900	9,000
GCT	Non-HRP	Mnth5	Decrease	USD	10,000	10,000	9,000	9,000
GCT	HRP	Mnth6	Decrease	USD	11,000	10,000	9,900	9,000
GCT	Non-HRP	Mnth6	Decrease	USD	10,000	10,000	9,000	9,000
GCT	HRP	Mnth7	Decrease	USD	11,000	10,000	9,900	9,000
GCT	Non-HRP	Mnth7	Decrease	USD	10,000	10,000	9,000	9,000
GCT	HRP	Mnth8+	Decrease	USD	11,000	10,000	9,900	9,000
GCT	Non-HRP	Mnth8+	Decrease	USD	10,000	10,000	9,000	9,000

SPAN MINIMUM PERFORMANCE BOND REQUIREMENTS

CC	Rate Type	Description	Change	ISO	Current Initial	Current Maintenance	New Initial	New Maintenance
Outright Rates								
COMEX 5000 SILVER FUTURES (SI)								
SI	HRP	Mnth1	Decrease	USD	18,150	16,500	16,500	15,000
SI	Non-HRP	Mnth1	Decrease	USD	16,500	16,500	15,000	15,000
SI	HRP	Mnth2	Decrease	USD	18,150	16,500	16,500	15,000
SI	Non-HRP	Mnth2	Decrease	USD	16,500	16,500	15,000	15,000
SI	HRP	Mnth3	Decrease	USD	18,150	16,500	16,500	15,000
SI	Non-HRP	Mnth3	Decrease	USD	16,500	16,500	15,000	15,000
SI	HRP	Mnth4	Decrease	USD	18,150	16,500	16,500	15,000
SI	Non-HRP	Mnth4	Decrease	USD	16,500	16,500	15,000	15,000
SI	HRP	Mnth5	Decrease	USD	18,150	16,500	16,500	15,000
SI	Non-HRP	Mnth5	Decrease	USD	16,500	16,500	15,000	15,000
SI	HRP	Mnth6	Decrease	USD	18,150	16,500	16,500	15,000
SI	Non-HRP	Mnth6	Decrease	USD	16,500	16,500	15,000	15,000
SI	HRP	Mnth7	Decrease	USD	18,150	16,500	16,500	15,000
SI	Non-HRP	Mnth7	Decrease	USD	16,500	16,500	15,000	15,000
SI	HRP	Mnth8	Decrease	USD	18,150	16,500	16,500	15,000
SI	Non-HRP	Mnth8	Decrease	USD	16,500	16,500	15,000	15,000
SI	HRP	Mnth9	Decrease	USD	18,150	16,500	16,500	15,000
SI	Non-HRP	Mnth9	Decrease	USD	16,500	16,500	15,000	15,000
SI	HRP	Mnth10	Decrease	USD	18,150	16,500	16,500	15,000
SI	Non-HRP	Mnth10	Decrease	USD	16,500	16,500	15,000	15,000
SI	HRP	Mnth11	Decrease	USD	18,150	16,500	16,500	15,000
SI	Non-HRP	Mnth11	Decrease	USD	16,500	16,500	15,000	15,000
SI	HRP	Mnth12	Decrease	USD	18,150	16,500	16,500	15,000
SI	Non-HRP	Mnth12	Decrease	USD	16,500	16,500	15,000	15,000
SI	HRP	Mnth13+	Decrease	USD	18,150	16,500	16,500	15,000
SI	Non-HRP	Mnth13+	Decrease	USD	16,500	16,500	15,000	15,000

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

COMEX 5000 SILVER TRADE AT SETTLE (SIT)

SIT	HRP	Mnth1	Decrease	USD	18,150	16,500	16,500	15,000
SIT	Non-HRP	Mnth1	Decrease	USD	16,500	16,500	15,000	15,000
SIT	HRP	Mnth2	Decrease	USD	18,150	16,500	16,500	15,000
SIT	Non-HRP	Mnth2	Decrease	USD	16,500	16,500	15,000	15,000
SIT	HRP	Mnth3	Decrease	USD	18,150	16,500	16,500	15,000
SIT	Non-HRP	Mnth3	Decrease	USD	16,500	16,500	15,000	15,000
SIT	HRP	Mnth4	Decrease	USD	18,150	16,500	16,500	15,000
SIT	Non-HRP	Mnth4	Decrease	USD	16,500	16,500	15,000	15,000
SIT	HRP	Mnth5	Decrease	USD	18,150	16,500	16,500	15,000
SIT	Non-HRP	Mnth5	Decrease	USD	16,500	16,500	15,000	15,000
SIT	HRP	Mnth6	Decrease	USD	18,150	16,500	16,500	15,000
SIT	Non-HRP	Mnth6	Decrease	USD	16,500	16,500	15,000	15,000
SIT	HRP	Mnth7	Decrease	USD	18,150	16,500	16,500	15,000
SIT	Non-HRP	Mnth7	Decrease	USD	16,500	16,500	15,000	15,000
SIT	HRP	Mnth8	Decrease	USD	18,150	16,500	16,500	15,000
SIT	Non-HRP	Mnth8	Decrease	USD	16,500	16,500	15,000	15,000
SIT	HRP	Mnth9	Decrease	USD	18,150	16,500	16,500	15,000
SIT	Non-HRP	Mnth9	Decrease	USD	16,500	16,500	15,000	15,000
SIT	HRP	Mnth10	Decrease	USD	18,150	16,500	16,500	15,000
SIT	Non-HRP	Mnth10	Decrease	USD	16,500	16,500	15,000	15,000
SIT	HRP	Mnth11	Decrease	USD	18,150	16,500	16,500	15,000
SIT	Non-HRP	Mnth11	Decrease	USD	16,500	16,500	15,000	15,000
SIT	HRP	Mnth12	Decrease	USD	18,150	16,500	16,500	15,000
SIT	Non-HRP	Mnth12	Decrease	USD	16,500	16,500	15,000	15,000
SIT	HRP	Mnth13+	Decrease	USD	18,150	16,500	16,500	15,000
SIT	Non-HRP	Mnth13+	Decrease	USD	16,500	16,500	15,000	15,000

SPAN MINIMUM PERFORMANCE BOND REQUIREMENTS

CC	Rate Type	Description	Change	ISO	Current Initial	Current Maintenance	New Initial	New Maintenance
Outright Rates								
COMEX MINY SILVER FUTURES (QI)								
QI	HRP	Mnth1	Decrease	USD	9,075	8,250	8,250	7,500
QI	Non-HRP	Mnth1	Decrease	USD	8,250	8,250	7,500	7,500
QI	HRP	Mnth2	Decrease	USD	9,075	8,250	8,250	7,500
QI	Non-HRP	Mnth2	Decrease	USD	8,250	8,250	7,500	7,500
QI	HRP	Mnth3	Decrease	USD	9,075	8,250	8,250	7,500
QI	Non-HRP	Mnth3	Decrease	USD	8,250	8,250	7,500	7,500
QI	HRP	Mnth4	Decrease	USD	9,075	8,250	8,250	7,500
QI	Non-HRP	Mnth4	Decrease	USD	8,250	8,250	7,500	7,500
QI	HRP	Mnth5	Decrease	USD	9,075	8,250	8,250	7,500
QI	Non-HRP	Mnth5	Decrease	USD	8,250	8,250	7,500	7,500
QI	HRP	Mnth6	Decrease	USD	9,075	8,250	8,250	7,500
QI	Non-HRP	Mnth6	Decrease	USD	8,250	8,250	7,500	7,500
QI	HRP	Mnth7	Decrease	USD	9,075	8,250	8,250	7,500
QI	Non-HRP	Mnth7	Decrease	USD	8,250	8,250	7,500	7,500
QI	HRP	Mnth8	Decrease	USD	9,075	8,250	8,250	7,500
QI	Non-HRP	Mnth8	Decrease	USD	8,250	8,250	7,500	7,500
QI	HRP	Mnth9	Decrease	USD	9,075	8,250	8,250	7,500
QI	Non-HRP	Mnth9	Decrease	USD	8,250	8,250	7,500	7,500
QI	HRP	Mnth10	Decrease	USD	9,075	8,250	8,250	7,500
QI	Non-HRP	Mnth10	Decrease	USD	8,250	8,250	7,500	7,500
QI	HRP	Mnth11	Decrease	USD	9,075	8,250	8,250	7,500
QI	Non-HRP	Mnth11	Decrease	USD	8,250	8,250	7,500	7,500
QI	HRP	Mnth12	Decrease	USD	9,075	8,250	8,250	7,500
QI	Non-HRP	Mnth12	Decrease	USD	8,250	8,250	7,500	7,500
QI	HRP	Mnth13+	Decrease	USD	9,075	8,250	8,250	7,500
QI	Non-HRP	Mnth13+	Decrease	USD	8,250	8,250	7,500	7,500

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

E-MINI GOLD FUTURES (QO)

QO	HRP	Mnth1	Decrease	USD	5,500	5,000	4,950	4,500
QO	Non-HRP	Mnth1	Decrease	USD	5,000	5,000	4,500	4,500
QO	HRP	Mnth2	Decrease	USD	5,500	5,000	4,950	4,500
QO	Non-HRP	Mnth2	Decrease	USD	5,000	5,000	4,500	4,500
QO	HRP	Mnth3	Decrease	USD	5,500	5,000	4,950	4,500
QO	Non-HRP	Mnth3	Decrease	USD	5,000	5,000	4,500	4,500
QO	HRP	Mnth4	Decrease	USD	5,500	5,000	4,950	4,500
QO	Non-HRP	Mnth4	Decrease	USD	5,000	5,000	4,500	4,500
QO	HRP	Mnth5	Decrease	USD	5,500	5,000	4,950	4,500
QO	Non-HRP	Mnth5	Decrease	USD	5,000	5,000	4,500	4,500
QO	HRP	Mnth6	Decrease	USD	5,500	5,000	4,950	4,500
QO	Non-HRP	Mnth6	Decrease	USD	5,000	5,000	4,500	4,500
QO	HRP	Mnth7	Decrease	USD	5,500	5,000	4,950	4,500
QO	Non-HRP	Mnth7	Decrease	USD	5,000	5,000	4,500	4,500
QO	HRP	Mnth8+	Decrease	USD	5,500	5,000	4,950	4,500
QO	Non-HRP	Mnth8+	Decrease	USD	5,000	5,000	4,500	4,500

SPAN MINIMUM PERFORMANCE BOND REQUIREMENTS

CC	Rate Type	Description	Change	ISO	Current Initial	Current Maintenance	New Initial	New Maintenance
Outright Rates								
E-MINI SILVER FUTURES (6Q)								
6Q	HRP	Mnth1	Decrease	USD	3,630	3,300	3,300	3,000
6Q	Non-HRP	Mnth1	Decrease	USD	3,300	3,300	3,000	3,000
6Q	HRP	Mnth2	Decrease	USD	3,630	3,300	3,300	3,000
6Q	Non-HRP	Mnth2	Decrease	USD	3,300	3,300	3,000	3,000
6Q	HRP	Mnth3	Decrease	USD	3,630	3,300	3,300	3,000
6Q	Non-HRP	Mnth3	Decrease	USD	3,300	3,300	3,000	3,000
6Q	HRP	Mnth4	Decrease	USD	3,630	3,300	3,300	3,000
6Q	Non-HRP	Mnth4	Decrease	USD	3,300	3,300	3,000	3,000
6Q	HRP	Mnth5	Decrease	USD	3,630	3,300	3,300	3,000
6Q	Non-HRP	Mnth5	Decrease	USD	3,300	3,300	3,000	3,000
6Q	HRP	Mnth6	Decrease	USD	3,630	3,300	3,300	3,000
6Q	Non-HRP	Mnth6	Decrease	USD	3,300	3,300	3,000	3,000
6Q	HRP	Mnth7	Decrease	USD	3,630	3,300	3,300	3,000
6Q	Non-HRP	Mnth7	Decrease	USD	3,300	3,300	3,000	3,000
6Q	HRP	Mnth8	Decrease	USD	3,630	3,300	3,300	3,000
6Q	Non-HRP	Mnth8	Decrease	USD	3,300	3,300	3,000	3,000
6Q	HRP	Mnth9	Decrease	USD	3,630	3,300	3,300	3,000
6Q	Non-HRP	Mnth9	Decrease	USD	3,300	3,300	3,000	3,000
6Q	HRP	Mnth10	Decrease	USD	3,630	3,300	3,300	3,000
6Q	Non-HRP	Mnth10	Decrease	USD	3,300	3,300	3,000	3,000
6Q	HRP	Mnth11	Decrease	USD	3,630	3,300	3,300	3,000
6Q	Non-HRP	Mnth11	Decrease	USD	3,300	3,300	3,000	3,000
6Q	HRP	Mnth12	Decrease	USD	3,630	3,300	3,300	3,000
6Q	Non-HRP	Mnth12	Decrease	USD	3,300	3,300	3,000	3,000
6Q	HRP	Mnth13+	Decrease	USD	3,630	3,300	3,300	3,000
6Q	Non-HRP	Mnth13+	Decrease	USD	3,300	3,300	3,000	3,000

SPAN MINIMUM PERFORMANCE BOND REQUIREMENTS

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

GOLD (ENHANCED DELIVERY) FUTURES (4GC)

4GC	HRP	Mnth1	Decrease	USD	11,000	10,000	9,900	9,000
4GC	Non-HRP	Mnth1	Decrease	USD	10,000	10,000	9,000	9,000
4GC	HRP	Mnth2	Decrease	USD	11,000	10,000	9,900	9,000
4GC	Non-HRP	Mnth2	Decrease	USD	10,000	10,000	9,000	9,000
4GC	HRP	Mnth3	Decrease	USD	11,000	10,000	9,900	9,000
4GC	Non-HRP	Mnth3	Decrease	USD	10,000	10,000	9,000	9,000
4GC	HRP	Mnth4	Decrease	USD	11,000	10,000	9,900	9,000
4GC	Non-HRP	Mnth4	Decrease	USD	10,000	10,000	9,000	9,000
4GC	HRP	Mnth5	Decrease	USD	11,000	10,000	9,900	9,000
4GC	Non-HRP	Mnth5	Decrease	USD	10,000	10,000	9,000	9,000
4GC	HRP	Mnth6	Decrease	USD	11,000	10,000	9,900	9,000
4GC	Non-HRP	Mnth6	Decrease	USD	10,000	10,000	9,000	9,000
4GC	HRP	Mnth7	Decrease	USD	11,000	10,000	9,900	9,000
4GC	Non-HRP	Mnth7	Decrease	USD	10,000	10,000	9,000	9,000
4GC	HRP	Mnth8+	Decrease	USD	11,000	10,000	9,900	9,000
4GC	Non-HRP	Mnth8+	Decrease	USD	10,000	10,000	9,000	9,000

GOLD LONDON TAM FIRST PM (GCD)

GCD	HRP	Mnth1	Decrease	USD	11,000	10,000	9,900	9,000
GCD	Non-HRP	Mnth1	Decrease	USD	10,000	10,000	9,000	9,000
GCD	HRP	Mnth2	Decrease	USD	11,000	10,000	9,900	9,000
GCD	Non-HRP	Mnth2	Decrease	USD	10,000	10,000	9,000	9,000
GCD	HRP	Mnth3	Decrease	USD	11,000	10,000	9,900	9,000
GCD	Non-HRP	Mnth3	Decrease	USD	10,000	10,000	9,000	9,000
GCD	HRP	Mnth4	Decrease	USD	11,000	10,000	9,900	9,000
GCD	Non-HRP	Mnth4	Decrease	USD	10,000	10,000	9,000	9,000
GCD	HRP	Mnth5	Decrease	USD	11,000	10,000	9,900	9,000
GCD	Non-HRP	Mnth5	Decrease	USD	10,000	10,000	9,000	9,000
GCD	HRP	Mnth6	Decrease	USD	11,000	10,000	9,900	9,000
GCD	Non-HRP	Mnth6	Decrease	USD	10,000	10,000	9,000	9,000
GCD	HRP	Mnth7	Decrease	USD	11,000	10,000	9,900	9,000
GCD	Non-HRP	Mnth7	Decrease	USD	10,000	10,000	9,000	9,000
GCD	HRP	Mnth8+	Decrease	USD	11,000	10,000	9,900	9,000
GCD	Non-HRP	Mnth8+	Decrease	USD	10,000	10,000	9,000	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

MICRO GOLD FUTURES (MGC)

MGC	HRP	Mnth1	Decrease	USD	1,100	1,000	990	900
MGC	Non-HRP	Mnth1	Decrease	USD	1,000	1,000	900	900
MGC	HRP	Mnth2	Decrease	USD	1,100	1,000	990	900
MGC	Non-HRP	Mnth2	Decrease	USD	1,000	1,000	900	900
MGC	HRP	Mnth3	Decrease	USD	1,100	1,000	990	900
MGC	Non-HRP	Mnth3	Decrease	USD	1,000	1,000	900	900
MGC	HRP	Mnth4	Decrease	USD	1,100	1,000	990	900
MGC	Non-HRP	Mnth4	Decrease	USD	1,000	1,000	900	900
MGC	HRP	Mnth5	Decrease	USD	1,100	1,000	990	900
MGC	Non-HRP	Mnth5	Decrease	USD	1,000	1,000	900	900
MGC	HRP	Mnth6	Decrease	USD	1,100	1,000	990	900
MGC	Non-HRP	Mnth6	Decrease	USD	1,000	1,000	900	900
MGC	HRP	Mnth7	Decrease	USD	1,100	1,000	990	900
MGC	Non-HRP	Mnth7	Decrease	USD	1,000	1,000	900	900
MGC	HRP	Mnth8+	Decrease	USD	1,100	1,000	990	900
MGC	Non-HRP	Mnth8+	Decrease	USD	1,000	1,000	900	900

MICRO GOLD TAS (MGT)

MGT	HRP	Mnth1	Decrease	USD	1,100	1,000	990	900
MGT	Non-HRP	Mnth1	Decrease	USD	1,000	1,000	900	900
MGT	HRP	Mnth2	Decrease	USD	1,100	1,000	990	900
MGT	Non-HRP	Mnth2	Decrease	USD	1,000	1,000	900	900
MGT	HRP	Mnth3	Decrease	USD	1,100	1,000	990	900
MGT	Non-HRP	Mnth3	Decrease	USD	1,000	1,000	900	900
MGT	HRP	Mnth4	Decrease	USD	1,100	1,000	990	900
MGT	Non-HRP	Mnth4	Decrease	USD	1,000	1,000	900	900
MGT	HRP	Mnth5	Decrease	USD	1,100	1,000	990	900
MGT	Non-HRP	Mnth5	Decrease	USD	1,000	1,000	900	900
MGT	HRP	Mnth6	Decrease	USD	1,100	1,000	990	900
MGT	Non-HRP	Mnth6	Decrease	USD	1,000	1,000	900	900
MGT	HRP	Mnth7	Decrease	USD	1,100	1,000	990	900
MGT	Non-HRP	Mnth7	Decrease	USD	1,000	1,000	900	900
MGT	HRP	Mnth8+	Decrease	USD	1,100	1,000	990	900
MGT	Non-HRP	Mnth8+	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								
MICRO SILVER FUTURES (SIL)								
SIL	HRP	Mnth1	Decrease	USD	3,630	3,300	3,300	3,000
SIL	Non-HRP	Mnth1	Decrease	USD	3,300	3,300	3,000	3,000
SIL	HRP	Mnth2	Decrease	USD	3,630	3,300	3,300	3,000
SIL	Non-HRP	Mnth2	Decrease	USD	3,300	3,300	3,000	3,000
SIL	HRP	Mnth3	Decrease	USD	3,630	3,300	3,300	3,000
SIL	Non-HRP	Mnth3	Decrease	USD	3,300	3,300	3,000	3,000
SIL	HRP	Mnth4	Decrease	USD	3,630	3,300	3,300	3,000
SIL	Non-HRP	Mnth4	Decrease	USD	3,300	3,300	3,000	3,000
SIL	HRP	Mnth5	Decrease	USD	3,630	3,300	3,300	3,000
SIL	Non-HRP	Mnth5	Decrease	USD	3,300	3,300	3,000	3,000
SIL	HRP	Mnth6	Decrease	USD	3,630	3,300	3,300	3,000
SIL	Non-HRP	Mnth6	Decrease	USD	3,300	3,300	3,000	3,000
SIL	HRP	Mnth7	Decrease	USD	3,630	3,300	3,300	3,000
SIL	Non-HRP	Mnth7	Decrease	USD	3,300	3,300	3,000	3,000
SIL	HRP	Mnth8	Decrease	USD	3,630	3,300	3,300	3,000
SIL	Non-HRP	Mnth8	Decrease	USD	3,300	3,300	3,000	3,000
SIL	HRP	Mnth9	Decrease	USD	3,630	3,300	3,300	3,000
SIL	Non-HRP	Mnth9	Decrease	USD	3,300	3,300	3,000	3,000
SIL	HRP	Mnth10	Decrease	USD	3,630	3,300	3,300	3,000
SIL	Non-HRP	Mnth10	Decrease	USD	3,300	3,300	3,000	3,000
SIL	HRP	Mnth11	Decrease	USD	3,630	3,300	3,300	3,000
SIL	Non-HRP	Mnth11	Decrease	USD	3,300	3,300	3,000	3,000
SIL	HRP	Mnth12	Decrease	USD	3,630	3,300	3,300	3,000
SIL	Non-HRP	Mnth12	Decrease	USD	3,300	3,300	3,000	3,000
SIL	HRP	Mnth13+	Decrease	USD	3,630	3,300	3,300	3,000
SIL	Non-HRP	Mnth13+	Decrease	USD	3,300	3,300	3,000	3,000
NORTH EURO HOT-ROLLED COIL STEEL (EHR)								
EHR	HRP	Mths 1-4	Increase	EUR	1,375	1,250	1,595	1,450
EHR	Non-HRP	Mths 1-4	Increase	EUR	1,250	1,250	1,450	1,450
EHR	HRP	Mths 5+	Increase	EUR	1,375	1,250	1,595	1,450
EHR	Non-HRP	Mths 5+	Increase	EUR	1,250	1,250	1,450	1,450
PLATINUM FUTURES NYMEX (PL)								
PL	HRP	Mths 1	Decrease	USD	4,840	4,400	4,400	4,000
PL	Non-HRP	Mths 1	Decrease	USD	4,400	4,400	4,000	4,000
PL	HRP	Mths 2+	Decrease	USD	4,840	4,400	4,400	4,000
PL	Non-HRP	Mths 2+	Decrease	USD	4,400	4,400	4,000	4,000

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

PLATINUM FUTURES TAS (PLT)

PLT	HRP	Mths 1	Decrease	USD	4,840	4,400	4,400	4,000
PLT	Non-HRP	Mths 1	Decrease	USD	4,400	4,400	4,000	4,000
PLT	HRP	Mths 2+	Decrease	USD	4,840	4,400	4,400	4,000
PLT	Non-HRP	Mths 2+	Decrease	USD	4,400	4,400	4,000	4,000

U.S. MIDWEST DOM STEEL PREM(CRU)FUT (HDG)

HDG	HRP	Mths 1-4	Increase	USD	385	350	440	400
HDG	Non-HRP	Mths 1-4	Increase	USD	350	350	400	400
HDG	HRP	Mths 5+	Increase	USD	385	350	440	400
HDG	Non-HRP	Mths 5+	Increase	USD	350	350	400	400

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 CAL MONTH FUT (TTF)

TTF	HRP	Mnth 1	Increase	EUR	1,650	1,500	1,815	1,650
TTF	Non-HRP	Mnth 1	Increase	EUR	1,500	1,500	1,650	1,650
TTF	HRP	Mnth 2	Increase	EUR	1,430	1,300	1,540	1,400
TTF	Non-HRP	Mnth 2	Increase	EUR	1,300	1,300	1,400	1,400
TTF	HRP	Mnth 3	Increase	EUR	1,155	1,050	1,375	1,250
TTF	Non-HRP	Mnth 3	Increase	EUR	1,050	1,050	1,250	1,250
TTF	HRP	Mnths 4-9	Increase	EUR	990	900	1,155	1,050
TTF	Non-HRP	Mnths 4-9	Increase	EUR	900	900	1,050	1,050
TTF	HRP	Mnths 10-14	Increase	EUR	770	700	880	800
TTF	Non-HRP	Mnths 10-14	Increase	EUR	700	700	800	800
TTF	HRP	Mnth 15+	Increase	EUR	770	700	880	800
TTF	Non-HRP	Mnth 15+	Increase	EUR	700	700	800	800

DUTCH TTF NATURAL GAS FRONT MTH FUT (TTE)

TTE	HRP	Mnth 1	Increase	USD	8,030	7,300	8,800	8,000
TTE	Non-HRP	Mnth 1	Increase	USD	7,300	7,300	8,000	8,000
TTE	HRP	Mnths 2	Increase	USD	7,040	6,400	7,480	6,800
TTE	Non-HRP	Mnths 2	Increase	USD	6,400	6,400	6,800	6,800
TTE	HRP	Mnths 3	Increase	USD	5,390	4,900	6,710	6,100
TTE	Non-HRP	Mnths 3	Increase	USD	4,900	4,900	6,100	6,100
TTE	HRP	Mnths 4-9	Increase	USD	4,840	4,400	5,610	5,100
TTE	Non-HRP	Mnths 4-9	Increase	USD	4,400	4,400	5,100	5,100
TTE	HRP	Mnths 10-14	Increase	USD	3,740	3,400	4,290	3,900
TTE	Non-HRP	Mnths 10-14	Increase	USD	3,400	3,400	3,900	3,900
TTE	HRP	Mnths 15+	Increase	USD	3,740	3,400	4,290	3,900
TTE	Non-HRP	Mnths 15+	Increase	USD	3,400	3,400	3,900	3,900

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

LNG JAPAN KOREA MARKER PLATTS FUT (JKM)

JKM	HRP	Month 1	Increase	USD	8,800	8,000	9,900	9,000
JKM	Non-HRP	Month 1	Increase	USD	8,000	8,000	9,000	9,000
JKM	HRP	Month 2	Increase	USD	7,700	7,000	8,800	8,000
JKM	Non-HRP	Month 2	Increase	USD	7,000	7,000	8,000	8,000
JKM	HRP	Month 3	Increase	USD	6,600	6,000	7,425	6,750
JKM	Non-HRP	Month 3	Increase	USD	6,000	6,000	6,750	6,750
JKM	HRP	Mnths 4-5	Increase	USD	6,600	6,000	7,425	6,750
JKM	Non-HRP	Mnths 4-5	Increase	USD	6,000	6,000	6,750	6,750
JKM	HRP	Mnths 6-11	Increase	USD	5,500	5,000	6,325	5,750
JKM	Non-HRP	Mnths 6-11	Increase	USD	5,000	5,000	5,750	5,750
JKM	HRP	Mnths 12+	Increase	USD	4,400	4,000	4,950	4,500
JKM	Non-HRP	Mnths 12+	Increase	USD	4,000	4,000	4,500	4,500

LNG JAPAN KOREA MRK YEN FUT (JKY)

JKY	HRP	Month 1	Increase	JPY	957,000	870,000	1,078,000	980,000
JKY	Non-HRP	Month 1	Increase	JPY	870,000	870,000	980,000	980,000
JKY	HRP	Month 2	Increase	JPY	836,000	760,000	962,500	875,000
JKY	Non-HRP	Month 2	Increase	JPY	760,000	760,000	875,000	875,000
JKY	HRP	Month 3	Increase	JPY	715,000	650,000	808,500	735,000
JKY	Non-HRP	Month 3	Increase	JPY	650,000	650,000	735,000	735,000
JKY	HRP	Mnths 4-5	Increase	JPY	715,000	650,000	808,500	735,000
JKY	Non-HRP	Mnths 4-5	Increase	JPY	650,000	650,000	735,000	735,000
JKY	HRP	Mnths 6-11	Increase	JPY	594,000	540,000	693,000	630,000
JKY	Non-HRP	Mnths 6-11	Increase	JPY	540,000	540,000	630,000	630,000

SPAN MINIMUM PERFORMANCE BOND REQUIREMENTS

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

SPAN MINIMUM PERFORMANCE BOND REQUIREMENTS

CC	Rate Type	Description	Change	ISO	Current Initial	Current Maintenance	New Initial	New Maintenance
Intra Spreads								
AGRICULTURE - Intra Spreads								
(CASH STL SUNOIL FOB PLATTS FUT)								
BSF	HRP		Increase	USD	770	700	1,100	1,000
BSF	Non-HRP		Increase	USD	700	700	1,000	1,000
Month 1 vs Month 2 (PORK CUTOUT FUTURE)								
PRK	HRP		Increase	USD	1,650	1,500	1,815	1,650
PRK	Non-HRP		Increase	USD	1,500	1,500	1,650	1,650
Month 1 vs Month 3 (PORK CUTOUT FUTURE)								
PRK	HRP		Increase	USD	1,980	1,800	2,090	1,900
PRK	Non-HRP		Increase	USD	1,800	1,800	1,900	1,900
Month 1 vs Month 4 (PORK CUTOUT FUTURE)								
PRK	HRP		Increase	USD	1,980	1,800	2,145	1,950
PRK	Non-HRP		Increase	USD	1,800	1,800	1,950	1,950
Month 1 vs Month 5 (PORK CUTOUT FUTURE)								
PRK	HRP		Increase	USD	1,980	1,800	2,145	1,950
PRK	Non-HRP		Increase	USD	1,800	1,800	1,950	1,950
Month 1 vs Month 6 (PORK CUTOUT FUTURE)								
PRK	HRP		Increase	USD	1,980	1,800	2,145	1,950
PRK	Non-HRP		Increase	USD	1,800	1,800	1,950	1,950
Month 1 vs Month 7 (PORK CUTOUT FUTURE)								
PRK	HRP		Increase	USD	1,980	1,800	2,145	1,950
PRK	Non-HRP		Increase	USD	1,800	1,800	1,950	1,950
Month 1 vs Months 8+ (PORK CUTOUT FUTURE)								
PRK	HRP		Increase	USD	1,980	1,800	2,145	1,950
PRK	Non-HRP		Increase	USD	1,800	1,800	1,950	1,950
Month 2 vs Month 4 (PORK CUTOUT FUTURE)								
PRK	HRP		Increase	USD	1,210	1,100	1,430	1,300
PRK	Non-HRP		Increase	USD	1,100	1,100	1,300	1,300
Month 2 vs Month 5 (PORK CUTOUT FUTURE)								
PRK	HRP		Increase	USD	1,320	1,200	1,485	1,350
PRK	Non-HRP		Increase	USD	1,200	1,200	1,350	1,350
Month 2 vs Month 7 (PORK CUTOUT FUTURE)								
PRK	HRP		Increase	USD	1,595	1,450	1,705	1,550
PRK	Non-HRP		Increase	USD	1,450	1,450	1,550	1,550

SPAN MINIMUM PERFORMANCE BOND REQUIREMENTS

CC	Rate Type	Description	Change	ISO	Current Initial	Current Maintenance	New Initial	New Maintenance
Intra Spreads								
Month 3 vs Month 4 (PORK CUTOUT FUTURE)								
PRK	HRP		Increase	USD	638	580	715	650
PRK	Non-HRP		Increase	USD	580	580	650	650
Month 3 vs Month 5 (PORK CUTOUT FUTURE)								
PRK	HRP		Increase	USD	1,018	925	1,210	1,100
PRK	Non-HRP		Increase	USD	925	925	1,100	1,100
Month 3 vs Month 6 (PORK CUTOUT FUTURE)								
PRK	HRP		Increase	USD	1,210	1,100	1,265	1,150
PRK	Non-HRP		Increase	USD	1,100	1,100	1,150	1,150
Month 3 vs Month 7 (PORK CUTOUT FUTURE)								
PRK	HRP		Increase	USD	1,320	1,200	1,540	1,400
PRK	Non-HRP		Increase	USD	1,200	1,200	1,400	1,400
Month 4 vs Month 5 (PORK CUTOUT FUTURE)								
PRK	HRP		Increase	USD	605	550	715	650
PRK	Non-HRP		Increase	USD	550	550	650	650
Month 4 vs Month 6 (PORK CUTOUT FUTURE)								
PRK	HRP		Increase	USD	1,045	950	1,210	1,100
PRK	Non-HRP		Increase	USD	950	950	1,100	1,100
Month 4 vs Month 7 (PORK CUTOUT FUTURE)								
PRK	HRP		Increase	USD	1,045	950	1,265	1,150
PRK	Non-HRP		Increase	USD	950	950	1,150	1,150
Month 4 vs Months 8+ (PORK CUTOUT FUTURE)								
PRK	HRP		Increase	USD	1,265	1,150	1,595	1,450
PRK	Non-HRP		Increase	USD	1,150	1,150	1,450	1,450
Month 5 vs Month 6 (PORK CUTOUT FUTURE)								
PRK	HRP		Increase	USD	792	720	825	750
PRK	Non-HRP		Increase	USD	720	720	750	750
Month 5 vs Month 7 (PORK CUTOUT FUTURE)								
PRK	HRP		Increase	USD	880	800	1,100	1,000
PRK	Non-HRP		Increase	USD	800	800	1,000	1,000
Month 6 vs Month 7 (PORK CUTOUT FUTURE)								
PRK	HRP		Increase	USD	385	350	495	450
PRK	Non-HRP		Increase	USD	350	350	450	450

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

Month 6 vs Months 8+ (PORK CUTOUT FUTURE)

PRK	HRP		Increase	USD	990	900	1,100	1,000
PRK	Non-HRP		Increase	USD	900	900	1,000	1,000

SPAN MINIMUM PERFORMANCE BOND REQUIREMENTS

CC	Rate Type	Description	Change	ISO	Current Initial	Current Maintenance	New Initial	New Maintenance
Intra Spreads								
EQUITY INDEX - Intra Spreads								
BITCOIN FUTURES - Months 2+ Consecutive Spread (BITCOIN FUTURES)								
BTC	HRP		Increase	USD	3,300	3,000	4,400	4,000
BTC	Non-HRP		Increase	USD	3,000	3,000	4,000	4,000
BITCOIN FUTURES - Months 2+ Consecutive Spread (MICRO BITCOIN FUTURES)								
MBT	HRP		Increase	USD	66	60	88	80
MBT	Non-HRP		Increase	USD	60	60	80	80
Bitcoin Month 1 vs Month 2 (BITCOIN FUTURES)								
BTC	HRP		Increase	USD	5,500	5,000	7,425	6,750
BTC	Non-HRP		Increase	USD	5,000	5,000	6,750	6,750
Bitcoin Month 1 vs Month 2 (MICRO BITCOIN FUTURES)								
MBT	HRP		Increase	USD	110	100	149	135
MBT	Non-HRP		Increase	USD	100	100	135	135
Bitcoin Month 1 vs Month 3 (BITCOIN FUTURES)								
BTC	HRP		Increase	USD	5,500	5,000	7,700	7,000
BTC	Non-HRP		Increase	USD	5,000	5,000	7,000	7,000
Bitcoin Month 1 vs Month 3 (MICRO BITCOIN FUTURES)								
MBT	HRP		Increase	USD	110	100	154	140
MBT	Non-HRP		Increase	USD	100	100	140	140
Bitcoin Month 1 vs Month 4 (BITCOIN FUTURES)								
BTC	HRP		Increase	USD	6,050	5,500	8,250	7,500
BTC	Non-HRP		Increase	USD	5,500	5,500	7,500	7,500
Bitcoin Month 1 vs Month 4 (MICRO BITCOIN FUTURES)								
MBT	HRP		Increase	USD	121	110	165	150
MBT	Non-HRP		Increase	USD	110	110	150	150
Bitcoin Month 1 vs Month 5 (BITCOIN FUTURES)								
BTC	HRP		Increase	USD	6,050	5,500	8,250	7,500
BTC	Non-HRP		Increase	USD	5,500	5,500	7,500	7,500
Bitcoin Month 1 vs Month 5 (MICRO BITCOIN FUTURES)								
MBT	HRP		Increase	USD	121	110	165	150
MBT	Non-HRP		Increase	USD	110	110	150	150
Bitcoin Month 1 vs Month 6 (BITCOIN FUTURES)								
BTC	HRP		Increase	USD	6,600	6,000	8,800	8,000
BTC	Non-HRP		Increase	USD	6,000	6,000	8,000	8,000

SPAN MINIMUM PERFORMANCE BOND REQUIREMENTS

CC	Rate Type	Description	Change	ISO	Current Initial	Current Maintenance	New Initial	New Maintenance
Intra Spreads								
Bitcoin Month 1 vs Month 6 (MICRO BITCOIN FUTURES)								
MBT	HRP		Increase	USD	132	120	176	160
MBT	Non-HRP		Increase	USD	120	120	160	160
Bitcoin Month 1 vs Month 7 (BITCOIN FUTURES)								
BTC	HRP		Increase	USD	6,600	6,000	8,800	8,000
BTC	Non-HRP		Increase	USD	6,000	6,000	8,000	8,000
Bitcoin Month 1 vs Month 7 (MICRO BITCOIN FUTURES)								
MBT	HRP		Increase	USD	132	120	176	160
MBT	Non-HRP		Increase	USD	120	120	160	160
Bitcoin Month 1 vs Month 8 (BITCOIN FUTURES)								
BTC	HRP		Increase	USD	6,600	6,000	8,800	8,000
BTC	Non-HRP		Increase	USD	6,000	6,000	8,000	8,000
Bitcoin Month 1 vs Month 8 (MICRO BITCOIN FUTURES)								
MBT	HRP		Increase	USD	132	120	176	160
MBT	Non-HRP		Increase	USD	120	120	160	160
Bitcoin Month 2 vs Month 4 (BITCOIN FUTURES)								
BTC	HRP		Increase	USD	4,950	4,500	6,600	6,000
BTC	Non-HRP		Increase	USD	4,500	4,500	6,000	6,000
Bitcoin Month 2 vs Month 4 (MICRO BITCOIN FUTURES)								
MBT	HRP		Increase	USD	99	90	132	120
MBT	Non-HRP		Increase	USD	90	90	120	120
Bitcoin Month 2 vs Month 5 (BITCOIN FUTURES)								
BTC	HRP		Increase	USD	4,950	4,500	6,600	6,000
BTC	Non-HRP		Increase	USD	4,500	4,500	6,000	6,000
Bitcoin Month 2 vs Month 5 (MICRO BITCOIN FUTURES)								
MBT	HRP		Increase	USD	99	90	132	120
MBT	Non-HRP		Increase	USD	90	90	120	120
Bitcoin Month 2 vs Month 6 (BITCOIN FUTURES)								
BTC	HRP		Increase	USD	4,950	4,500	6,600	6,000
BTC	Non-HRP		Increase	USD	4,500	4,500	6,000	6,000
Bitcoin Month 2 vs Month 6 (MICRO BITCOIN FUTURES)								
MBT	HRP		Increase	USD	99	90	132	120
MBT	Non-HRP		Increase	USD	90	90	120	120

SPAN MINIMUM PERFORMANCE BOND REQUIREMENTS

CC	Rate Type	Description	Change	ISO	Current Initial	Current Maintenance	New Initial	New Maintenance
Intra Spreads								
Bitcoin Month 2 vs Month 7 (BITCOIN FUTURES)								
BTC	HRP		Increase	USD	6,105	5,550	8,250	7,500
BTC	Non-HRP		Increase	USD	5,550	5,550	7,500	7,500
Bitcoin Month 2 vs Month 7 (MICRO BITCOIN FUTURES)								
MBT	HRP		Increase	USD	122	111	165	150
MBT	Non-HRP		Increase	USD	111	111	150	150
Bitcoin Month 3 vs Month 5 (BITCOIN FUTURES)								
BTC	HRP		Increase	USD	5,500	5,000	7,425	6,750
BTC	Non-HRP		Increase	USD	5,000	5,000	6,750	6,750
Bitcoin Month 3 vs Month 5 (MICRO BITCOIN FUTURES)								
MBT	HRP		Increase	USD	110	100	149	135
MBT	Non-HRP		Increase	USD	100	100	135	135
Bitcoin Month 3 vs Month 6 (BITCOIN FUTURES)								
BTC	HRP		Increase	USD	5,500	5,000	7,425	6,750
BTC	Non-HRP		Increase	USD	5,000	5,000	6,750	6,750
Bitcoin Month 3 vs Month 6 (MICRO BITCOIN FUTURES)								
MBT	HRP		Increase	USD	110	100	149	135
MBT	Non-HRP		Increase	USD	100	100	135	135
Bitcoin Month 4 vs Month 6 (BITCOIN FUTURES)								
BTC	HRP		Increase	USD	4,950	4,500	6,600	6,000
BTC	Non-HRP		Increase	USD	4,500	4,500	6,000	6,000
Bitcoin Month 4 vs Month 6 (MICRO BITCOIN FUTURES)								
MBT	HRP		Increase	USD	99	90	132	120
MBT	Non-HRP		Increase	USD	90	90	120	120
Bitcoin Month 4 vs Month 7 (BITCOIN FUTURES)								
BTC	HRP		Increase	USD	5,720	5,200	7,700	7,000
BTC	Non-HRP		Increase	USD	5,200	5,200	7,000	7,000
Bitcoin Month 4 vs Month 7 (MICRO BITCOIN FUTURES)								
MBT	HRP		Increase	USD	114	104	154	140
MBT	Non-HRP		Increase	USD	104	104	140	140
Bitcoin Month 4 vs Month 8 (BITCOIN FUTURES)								
BTC	HRP		Increase	USD	5,720	5,200	7,700	7,000
BTC	Non-HRP		Increase	USD	5,200	5,200	7,000	7,000

SPAN MINIMUM PERFORMANCE BOND REQUIREMENTS

CC	Rate Type	Description	Change	ISO	Current Initial	Current Maintenance	New Initial	New Maintenance
Intra Spreads								
Bitcoin Month 4 vs Month 8 (MICRO BITCOIN FUTURES)								
MBT	HRP		Increase	USD	114	104	154	140
MBT	Non-HRP		Increase	USD	104	104	140	140
Bitcoin Month 5 vs Month 7 (BITCOIN FUTURES)								
BTC	HRP		Increase	USD	4,950	4,500	6,600	6,000
BTC	Non-HRP		Increase	USD	4,500	4,500	6,000	6,000
Bitcoin Month 5 vs Month 7 (MICRO BITCOIN FUTURES)								
MBT	HRP		Increase	USD	99	90	132	120
MBT	Non-HRP		Increase	USD	90	90	120	120
Bitcoin Month 5 vs Month 8 (BITCOIN FUTURES)								
BTC	HRP		Increase	USD	5,280	4,800	7,150	6,500
BTC	Non-HRP		Increase	USD	4,800	4,800	6,500	6,500
Bitcoin Month 5 vs Month 8 (MICRO BITCOIN FUTURES)								
MBT	HRP		Increase	USD	106	96	143	130
MBT	Non-HRP		Increase	USD	96	96	130	130
Bitcoin Month 6 vs Month 8 (BITCOIN FUTURES)								
BTC	HRP		Increase	USD	5,720	5,200	7,700	7,000
BTC	Non-HRP		Increase	USD	5,200	5,200	7,000	7,000
Bitcoin Month 6 vs Month 8 (MICRO BITCOIN FUTURES)								
MBT	HRP		Increase	USD	114	104	154	140
MBT	Non-HRP		Increase	USD	104	104	140	140
Ether Consecutive Month Spread - Months 2+ (ETHER FUTURES)								
ETH	HRP		Increase	USD	1,320	1,200	2,200	2,000
ETH	Non-HRP		Increase	USD	1,200	1,200	2,000	2,000
Ether Month 1 vs Month 2 (ETHER FUTURES)								
ETH	HRP		Increase	USD	3,630	3,300	4,950	4,500
ETH	Non-HRP		Increase	USD	3,300	3,300	4,500	4,500
Ether Month 1 vs Month 3 (ETHER FUTURES)								
ETH	HRP		Increase	USD	3,850	3,500	5,500	5,000
ETH	Non-HRP		Increase	USD	3,500	3,500	5,000	5,000
Ether Month 1 vs Month 4 (ETHER FUTURES)								
ETH	HRP		Increase	USD	4,400	4,000	6,050	5,500
ETH	Non-HRP		Increase	USD	4,000	4,000	5,500	5,500

SPAN MINIMUM PERFORMANCE BOND REQUIREMENTS

CC	Rate Type	Description	Change	ISO	Current Initial	Current Maintenance	New Initial	New Maintenance
Intra Spreads								
Ether Month 1 vs Month 5 (ETHER FUTURES)								
ETH	HRP		Increase	USD	4,400	4,000	6,050	5,500
ETH	Non-HRP		Increase	USD	4,000	4,000	5,500	5,500
Ether Month 1 vs Month 6 (ETHER FUTURES)								
ETH	HRP		Increase	USD	4,950	4,500	6,600	6,000
ETH	Non-HRP		Increase	USD	4,500	4,500	6,000	6,000
Ether Month 1 vs Month 7 (ETHER FUTURES)								
ETH	HRP		Increase	USD	4,950	4,500	6,600	6,000
ETH	Non-HRP		Increase	USD	4,500	4,500	6,000	6,000
Ether Month 1 vs Month 8 (ETHER FUTURES)								
ETH	HRP		Increase	USD	4,950	4,500	6,600	6,000
ETH	Non-HRP		Increase	USD	4,500	4,500	6,000	6,000
Ether Month 2 vs Month 4 (ETHER FUTURES)								
ETH	HRP		Increase	USD	2,200	2,000	3,300	3,000
ETH	Non-HRP		Increase	USD	2,000	2,000	3,000	3,000
Ether Month 2 vs Month 5 (ETHER FUTURES)								
ETH	HRP		Increase	USD	2,200	2,000	3,300	3,000
ETH	Non-HRP		Increase	USD	2,000	2,000	3,000	3,000
Ether Month 2 vs Month 6 (ETHER FUTURES)								
ETH	HRP		Increase	USD	2,200	2,000	3,300	3,000
ETH	Non-HRP		Increase	USD	2,000	2,000	3,000	3,000
Ether Month 2 vs Month 7 (ETHER FUTURES)								
ETH	HRP		Increase	USD	2,750	2,500	3,850	3,500
ETH	Non-HRP		Increase	USD	2,500	2,500	3,500	3,500
Ether Month 2 vs Month 8 (ETHER FUTURES)								
ETH	HRP		Increase	USD	3,300	3,000	4,400	4,000
ETH	Non-HRP		Increase	USD	3,000	3,000	4,000	4,000
Ether Month 3 vs Month 5 (ETHER FUTURES)								
ETH	HRP		Increase	USD	3,300	3,000	4,400	4,000
ETH	Non-HRP		Increase	USD	3,000	3,000	4,000	4,000
Ether Month 3 vs Month 6 (ETHER FUTURES)								
ETH	HRP		Increase	USD	3,300	3,000	4,400	4,000
ETH	Non-HRP		Increase	USD	3,000	3,000	4,000	4,000

SPAN MINIMUM PERFORMANCE BOND REQUIREMENTS

CC	Rate Type	Description	Change	ISO	Current Initial	Current Maintenance	New Initial	New Maintenance
Intra Spreads								
Ether Month 3 vs Month 7 (ETHER FUTURES)								
ETH	HRP		Increase	USD	3,300	3,000	4,400	4,000
ETH	Non-HRP		Increase	USD	3,000	3,000	4,000	4,000
Ether Month 3 vs Month 8 (ETHER FUTURES)								
ETH	HRP		Increase	USD	3,300	3,000	4,400	4,000
ETH	Non-HRP		Increase	USD	3,000	3,000	4,000	4,000
Ether Month 4 vs Month 6 (ETHER FUTURES)								
ETH	HRP		Increase	USD	2,475	2,250	3,300	3,000
ETH	Non-HRP		Increase	USD	2,250	2,250	3,000	3,000
Ether Month 4 vs Month 7 (ETHER FUTURES)								
ETH	HRP		Increase	USD	2,475	2,250	3,300	3,000
ETH	Non-HRP		Increase	USD	2,250	2,250	3,000	3,000
Ether Month 4 vs Month 8 (ETHER FUTURES)								
ETH	HRP		Increase	USD	2,475	2,250	3,300	3,000
ETH	Non-HRP		Increase	USD	2,250	2,250	3,000	3,000
Ether Month 5 vs Month 7 (ETHER FUTURES)								
ETH	HRP		Increase	USD	2,200	2,000	2,750	2,500
ETH	Non-HRP		Increase	USD	2,000	2,000	2,500	2,500
Ether Month 5 vs Month 8 (ETHER FUTURES)								
ETH	HRP		Increase	USD	2,475	2,250	3,300	3,000
ETH	Non-HRP		Increase	USD	2,250	2,250	3,000	3,000
Ether Month 6 vs Month 8 (ETHER FUTURES)								
ETH	HRP		Increase	USD	2,475	2,250	3,300	3,000
ETH	Non-HRP		Increase	USD	2,250	2,250	3,000	3,000

SPAN MINIMUM PERFORMANCE BOND REQUIREMENTS

CC	Rate Type	Description	Change	ISO	Current Initial	Current Maintenance	New Initial	New Maintenance
Intra Spreads								
ETHANOL - Intra Spreads								
CBOT Ethanol Futures (EH) - 1 vs 2 (ETHANOL FUTURES)								
EH	HRP		Increase	USD	2,475	2,250	2,750	2,500
EH	Non-HRP		Increase	USD	2,250	2,250	2,500	2,500
CBOT Ethanol Futures (EH) - 1 vs 3 (ETHANOL FUTURES)								
EH	HRP		Increase	USD	2,750	2,500	3,025	2,750
EH	Non-HRP		Increase	USD	2,500	2,500	2,750	2,750
CBOT Ethanol Futures (EH) - 2 vs 3 (ETHANOL FUTURES)								
EH	HRP		Increase	USD	880	800	1,320	1,200
EH	Non-HRP		Increase	USD	800	800	1,200	1,200
CBOT Ethanol Futures (EH) - 3 vs 3+ (ETHANOL FUTURES)								
EH	HRP		Increase	USD	935	850	1,320	1,200
EH	Non-HRP		Increase	USD	850	850	1,200	1,200
CHICAGO ETHANOL (PLATTS) SWAP FUTURES Mth 1 vs Mths 8+ (CHICAGO ETHANOL FUT)								
CU	HRP		Increase	USD	1,760	1,600	1,980	1,800
CU	Non-HRP		Increase	USD	1,600	1,600	1,800	1,800
Chicago Ethanol (Platts) Swap, Mth 2 vs. Mths 3-7 (CHICAGO ETHANOL FUT)								
CU	HRP		Increase	USD	1,540	1,400	1,705	1,550
CU	Non-HRP		Increase	USD	1,400	1,400	1,550	1,550
Chicago Ethanol (Platts) Swap, Mth 1 vs. Mths 2 (CHICAGO ETHANOL FUT)								
CU	HRP		Increase	USD	2,750	2,500	3,025	2,750
CU	Non-HRP		Increase	USD	2,500	2,500	2,750	2,750
Chicago Ethanol (Platts) Swap, Mth 1 vs. Mths 3-7 (CHICAGO ETHANOL FUT)								
CU	HRP		Increase	USD	2,200	2,000	2,475	2,250
CU	Non-HRP		Increase	USD	2,000	2,000	2,250	2,250
Chicago Ethanol (Platts) Swap, Mth 2 vs. Mths 8+ (CHICAGO ETHANOL FUT)								
CU	HRP		Increase	USD	1,760	1,600	1,980	1,800
CU	Non-HRP		Increase	USD	1,600	1,600	1,800	1,800
Chicago Ethanol (Platts) Swap, Mths 3-7 vs. Mths 3-7 (CHICAGO ETHANOL FUT)								
CU	HRP		Increase	USD	1,375	1,250	1,650	1,500
CU	Non-HRP		Increase	USD	1,250	1,250	1,500	1,500
Chicago Ethanol (Platts) Swap, Mths 3-7 vs. Mths 8+ (CHICAGO ETHANOL FUT)								
CU	HRP		Increase	USD	1,375	1,250	1,650	1,500
CU	Non-HRP		Increase	USD	1,250	1,250	1,500	1,500

SPAN MINIMUM PERFORMANCE BOND REQUIREMENTS

CC	Rate Type	Description	Change	ISO	Current Initial	Current Maintenance	New Initial	New Maintenance
Intra Spreads								
Chicago Ethanol (Platts) Swap, Mths 8+ vs Mths 8+ (CHICAGO ETHANOL FUT)								
CU	HRP		Increase	USD	1,320	1,200	1,540	1,400
CU	Non-HRP		Increase	USD	1,200	1,200	1,400	1,400
Consecutive Spreads Month 2+ (CHICAGO ETHANOL FUT)								
CU	HRP		Increase	USD	495	450	578	525
CU	Non-HRP		Increase	USD	450	450	525	525
New York Ethanol (Platts) Swap, Tier 1 vs. Tier 2 (NEW YORK ETHANOL FUT)								
EZ	HRP		Increase	USD	3,300	3,000	3,630	3,300
EZ	Non-HRP		Increase	USD	3,000	3,000	3,300	3,300

SPAN MINIMUM PERFORMANCE BOND REQUIREMENTS

CC	Rate Type	Description	Change	ISO	Current Initial	Current Maintenance	New Initial	New Maintenance
Intra Spreads								
METALS - Intra Spreads								
Months 01 vs. Months 02-03 (COBALT METAL (FASTMARKETS) FUT)								
COB	HRP		Increase	USD	1,320	1,200	1,980	1,800
COB	Non-HRP		Increase	USD	1,200	1,200	1,800	1,800
Months 01 vs. Months 04-06 (COBALT METAL (FASTMARKETS) FUT)								
COB	HRP		Increase	USD	1,980	1,800	2,970	2,700
COB	Non-HRP		Increase	USD	1,800	1,800	2,700	2,700
Months 01 vs. Months 07+ (COBALT METAL (FASTMARKETS) FUT)								
COB	HRP		Increase	USD	1,980	1,800	2,970	2,700
COB	Non-HRP		Increase	USD	1,800	1,800	2,700	2,700
Months 02-03 vs. Months 02-03 (COBALT METAL (FASTMARKETS) FUT)								
COB	HRP		Increase	USD	1,980	1,800	2,970	2,700
COB	Non-HRP		Increase	USD	1,800	1,800	2,700	2,700
Months 02-03 vs. Months 04-06 (COBALT METAL (FASTMARKETS) FUT)								
COB	HRP		Increase	USD	1,980	1,800	2,970	2,700
COB	Non-HRP		Increase	USD	1,800	1,800	2,700	2,700
Months 02-03 vs. Months 07+ (COBALT METAL (FASTMARKETS) FUT)								
COB	HRP		Increase	USD	1,980	1,800	2,970	2,700
COB	Non-HRP		Increase	USD	1,800	1,800	2,700	2,700
Months 04-06 vs. Months 04-06 (COBALT METAL (FASTMARKETS) FUT)								
COB	HRP		Increase	USD	1,980	1,800	2,970	2,700
COB	Non-HRP		Increase	USD	1,800	1,800	2,700	2,700
Months 04-06 vs. Months 07+ (COBALT METAL (FASTMARKETS) FUT)								
COB	HRP		Increase	USD	1,980	1,800	2,970	2,700
COB	Non-HRP		Increase	USD	1,800	1,800	2,700	2,700
Months 07+ vs. Months 07+ (COBALT METAL (FASTMARKETS) FUT)								
COB	HRP		Increase	USD	1,980	1,800	2,970	2,700
COB	Non-HRP		Increase	USD	1,800	1,800	2,700	2,700
Mth(s) 01-11 vs Mth(s) 01-11 (ALUMINIUM EURO PREM METAL BULLETIN)								
AEP	HRP		Increase	USD	550	500	770	700
AEP	Non-HRP		Increase	USD	500	500	700	700
Mth(s) 01-11 vs Mth(s) 12+ (ALUMINIUM EURO PREM METAL BULLETIN)								
AEP	HRP		Increase	USD	550	500	770	700
AEP	Non-HRP		Increase	USD	500	500	700	700

SPAN MINIMUM PERFORMANCE BOND REQUIREMENTS

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

Mth(s) 12+ vs Mth(s) 12+ (ALUMINIUM EURO PREM METAL BULLETIN)

AEP	HRP		Increase	USD	550	500	770	700
AEP	Non-HRP		Increase	USD	500	500	700	700

SPAN MINIMUM PERFORMANCE BOND REQUIREMENTS

CC	Rate Type	Description	Change	ISO	Current Initial	Current Maintenance	New Initial	New Maintenance
Intra Spreads								
NATURAL GAS - Intra Spreads								
Dutch TTF Natural Gas Calendar Month Futures - Month 1 vs 10+ (DUTCH TTF NATURAL GAS CAL MONTH FUT)								
TTF	HRP		Increase	EUR	770	700	880	800
TTF	Non-HRP		Increase	EUR	700	700	800	800
Dutch TTF Natural Gas Calendar Month Futures - Month 1 vs 2 (DUTCH TTF NATURAL GAS CAL MONTH FUT)								
TTF	HRP		Increase	EUR	825	750	990	900
TTF	Non-HRP		Increase	EUR	750	750	900	900
Dutch TTF Natural Gas Calendar Month Futures - Month 1 vs 3 (DUTCH TTF NATURAL GAS CAL MONTH FUT)								
TTF	HRP		Increase	EUR	550	500	660	600
TTF	Non-HRP		Increase	EUR	500	500	600	600
Dutch TTF Natural Gas Calendar Month Futures - Month 1 vs 4-9 (DUTCH TTF NATURAL GAS CAL MONTH FUT)								
TTF	HRP		Increase	EUR	550	500	660	600
TTF	Non-HRP		Increase	EUR	500	500	600	600
Dutch TTF Natural Gas Calendar Month Futures - Month 2 vs 10+ (DUTCH TTF NATURAL GAS CAL MONTH FUT)								
TTF	HRP		Increase	EUR	715	650	825	750
TTF	Non-HRP		Increase	EUR	650	650	750	750
Dutch TTF Natural Gas Calendar Month Futures - Month 2 vs 3 (DUTCH TTF NATURAL GAS CAL MONTH FUT)								
TTF	HRP		Increase	EUR	440	400	550	500
TTF	Non-HRP		Increase	EUR	400	400	500	500
Dutch TTF Natural Gas Calendar Month Futures - Month 2 vs 4-9 (DUTCH TTF NATURAL GAS CAL MONTH FUT)								
TTF	HRP		Increase	EUR	770	700	880	800
TTF	Non-HRP		Increase	EUR	700	700	800	800
Dutch TTF Natural Gas Calendar Month Futures - Month 3 vs 10+ (DUTCH TTF NATURAL GAS CAL MONTH FUT)								
TTF	HRP		Increase	EUR	605	550	715	650
TTF	Non-HRP		Increase	EUR	550	550	650	650
Dutch TTF Natural Gas Calendar Month Futures - Month 3 vs 4-9 (DUTCH TTF NATURAL GAS CAL MONTH FUT)								
TTF	HRP		Increase	EUR	605	550	715	650
TTF	Non-HRP		Increase	EUR	550	550	650	650
Dutch TTF Natural Gas Calendar Month Futures - Months 10+ vs 10+ (DUTCH TTF NATURAL GAS CAL MONTH FUT)								
TTF	HRP		Increase	EUR	550	500	660	600
TTF	Non-HRP		Increase	EUR	500	500	600	600
Dutch TTF Natural Gas Calendar Month Futures - Months 4-9 vs 10+ (DUTCH TTF NATURAL GAS CAL MONTH FUT)								
TTF	HRP		Increase	EUR	605	550	715	650
TTF	Non-HRP		Increase	EUR	550	550	650	650

SPAN MINIMUM PERFORMANCE BOND REQUIREMENTS

CC	Rate Type	Description	Change	ISO	Current Initial	Current Maintenance	New Initial	New Maintenance
Intra Spreads								
Dutch TTF Natural Gas Calendar Month Futures - Months 4-9 vs 4-9 (DUTCH TTF NATURAL GAS CAL MONTH FUT)								
TTF	HRP		Increase	EUR	605	550	715	650
TTF	Non-HRP		Increase	EUR	550	550	650	650
JKM - Consec Month 2-12 vs 13+ (LNG JAPAN KOREA MARKER PLATTS FUT)								
JKM	HRP		Increase	USD	6,600	6,000	7,700	7,000
JKM	Non-HRP		Increase	USD	6,000	6,000	7,000	7,000
JKM - Mnth 1 vs 13+ (LNG JAPAN KOREA MARKER PLATTS FUT)								
JKM	HRP		Increase	USD	9,900	9,000	11,000	10,000
JKM	Non-HRP		Increase	USD	9,000	9,000	10,000	10,000
JKM - Mnths 13+ vs 13+ (LNG JAPAN KOREA MARKER PLATTS FUT)								
JKM	HRP		Increase	USD	6,600	6,000	7,700	7,000
JKM	Non-HRP		Increase	USD	6,000	6,000	7,000	7,000
JKM - Mnths 2-12 vs 13+ (LNG JAPAN KOREA MARKER PLATTS FUT)								
JKM	HRP		Increase	USD	8,800	8,000	9,900	9,000
JKM	Non-HRP		Increase	USD	8,000	8,000	9,000	9,000
JKM - Mnths 2-12 vs 2-12 (LNG JAPAN KOREA MARKER PLATTS FUT)								
JKM	HRP		Increase	USD	8,800	8,000	9,900	9,000
JKM	Non-HRP		Increase	USD	8,000	8,000	9,000	9,000
LNG Japan/Korea Marker (Platts) Swap Futures - Mnth 1 vs 2-12 (LNG JAPAN KOREA MARKER PLATTS FUT)								
JKM	HRP		New	USD			12,100	11,000
JKM	Non-HRP		New	USD			11,000	11,000
Mnths 1 vs 13+ (LNG JAPAN KOREA MRK YEN FUT)								
JKY	HRP		Decrease	JPY	1,040,600	946,000	115,500	105,000
JKY	Non-HRP		Decrease	JPY	946,000	946,000	105,000	105,000
Mnths 1 vs 2-12 (LNG JAPAN KOREA MRK YEN FUT)								
JKY	HRP		Increase	JPY	1,276,000	1,160,000	1,375,000	1,250,000
JKY	Non-HRP		Increase	JPY	1,160,000	1,160,000	1,250,000	1,250,000
Mnths 13+ vs 13+ (LNG JAPAN KOREA MRK YEN FUT)								
JKY	HRP		New	JPY			632,500	575,000
JKY	Non-HRP		New	JPY			575,000	575,000
Mnths 2-12 vs 13+ (LNG JAPAN KOREA MRK YEN FUT)								
JKY	HRP		New	JPY			1,017,500	925,000
JKY	Non-HRP		New	JPY			925,000	925,000

SPAN MINIMUM PERFORMANCE BOND REQUIREMENTS

CC	Rate Type	Description	Change	ISO	Current Initial	Current Maintenance	New Initial	New Maintenance
Intra Spreads								
Mnth 2-12 vs 2-12 (LNG JAPAN KOREA MRK YEN FUT)								
JKY	HRP		Increase	JPY	925,100	841,000	1,017,500	925,000
JKY	Non-HRP		Increase	JPY	841,000	841,000	925,000	925,000
RealPeriod 2 vs 2 (LNG JAPAN KOREA MRK YEN FUT)								
JKY	HRP		Increase	JPY	577,500	525,000	632,500	575,000
JKY	Non-HRP		Increase	JPY	525,000	525,000	575,000	575,000

Splitting Methodology					
CC	Contract Name	Leg 1	Leg 2	Current Modsplit	New Modsplit
22	Argus Propane Far East Index BALMO Futures	S7E		None	Modsplit