23-062

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

FROM: CME Clearing

SUBJECT: Performance Bond Requirements

DATE: Thursday, February 23, 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, February 24, 2023.

Current rates as of:

Thursday, February 23, 2023.

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.

SPAN MINIMUM PERFORMANCE BOND REQUIREMENTS

CC	Rate Type	Description	Change	ISO	Current Initial	Current Maintenance	New Initial	New Maintenance
Outright Rates								
			AGRICULTURE - Outright Rates					
BLOOMBERG COMDITY INDEX FUT MARKER (AWI)								
AWI	Non-HRP		Decrease	USD	700	700	600	600
AWI	HRP		Decrease	USD	770	700	660	600
BLOOMBERG COMDITY INDEX SWAP MARKER (DGI)								
DGI	Non-HRP		Decrease	USD	960	960	800	800
DGI	HRP		Decrease	USD	1,056	960	880	800
BLOOMBERG COMMODITY INDEX FUTURES (70)								
70	Non-HRP		Decrease	USD	700	700	600	600
70	HRP		Decrease	USD	770	700	660	600
BLOOMBERG COMMODITY INDEX SWAPS (DGS)								
DGS	Non-HRP		Decrease	USD	960	960	800	800
DGS	HRP		Decrease	USD	1,056	960	880	800
BLOOMBERG ROLL SELECT COMM MARKER (DRI)								
DRI	Non-HRP		Decrease	USD	1,850	1,850	1,600	1,600
DRI	HRP		Decrease	USD	2,035	1,850	1,760	1,600
BLOOMBERG ROLL SELECT COMMDTY INDEX (DRS)								
DRS	Non-HRP		Decrease	USD	1,850	1,850	1,600	1,600
DRS	HRP		Decrease	USD	2,035	1,850	1,760	1,600
BTIC ON BLOOMBERG COMDITY INDEX FUT (AWT)								
AWT	Non-HRP		Decrease	USD	700	700	600	600
AWT	HRP		Decrease	USD	770	700	660	600
BTIC ON BLOOMBERG COMMODITY INDEX S (DGT)								
DGT	Non-HRP		Decrease	USD	960	960	800	800
DGT	HRP		Decrease	USD	1,056	960	880	800
BTIC ON BLOOMBERG ROLL SELECT INDEX (DRT)								
DRT	Non-HRP		Decrease	USD	1,850	1,850	1,600	1,600
DRT	HRP		Decrease	USD	2,035	1,850	1,760	1,600
BTIC ON S&P-GSCI EXCESS RETURN INDE (GIT)								
GIT	Non-HRP		Decrease	USD	2,600	2,600	2,300	2,300
GIT	HRP		Decrease	USD	2,860	2,600	2,530	2,300
BTIC ON S&P-GSCI EXCESS RETURN INDE (SET)								
SET	Non-HRP		Decrease	USD	3,200	3,200	2,700	2,700
SET	HRP		Decrease	USD	3,520	3,200	2,970	2,700
GSCI ER FUTURES (GA)								

SPAN MINIMUM PERFORMANCE BOND REQUIREMENTS

CC	Rate Type	Description	Change	ISO	Current Initial	Current Maintenance	New Initial	New Maintenance
Outright Rates								
GA	Non-HRP		Decrease	USD	2,600	2,600	2,300	2,300
GA	HRP		Decrease	USD	2,860	2,600	2,530	2,300
S&P GSCI ENHANCED ER SWAP FUT (RRE)								
RRE	Non-HRP		Decrease	USD	3,900	3,900	3,200	3,200
RRE	HRP		Decrease	USD	4,290	3,900	3,520	3,200
S&P-GSCI EXCESS RETURN INDEX FUTURE (GII)								
GII	Non-HRP		Decrease	USD	2,600	2,600	2,300	2,300
GII	HRP		Decrease	USD	2,860	2,600	2,530	2,300
S&P-GSCI EXCESS RETURN INDEX SWAPS (SEI)								
SEI	Non-HRP		Decrease	USD	3,200	3,200	2,700	2,700
SEI	HRP		Decrease	USD	3,520	3,200	2,970	2,700
SP GSCI SWAP FUTURES (SES)								
SES	Non-HRP		Decrease	USD	3,200	3,200	2,700	2,700
SES	HRP		Decrease	USD	3,520	3,200	2,970	2,700

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					
ARGUS LLS TRADE MONTH FUT (A4)								
A4	Non-HRP		Decrease	USD	8,200	8,200	7,000	7,000
A4	HRP		Decrease	USD	9,020	8,200	7,700	7,000
ARGUS SOUR CRUDE IDX CAL MTH FUT (37)								
37	Non-HRP		Decrease	USD	8,200	8,200	7,000	7,000
37	HRP		Decrease	USD	9,020	8,200	7,700	7,000
ARGUS SOUR CRUDE IND WGT(ASCI) TRD (29)								
29	Non-HRP		Decrease	USD	8,500	8,500	7,000	7,000
29	HRP		Decrease	USD	9,350	8,500	7,700	7,000
ARGUS WTI FORMULA BASIS CAL FUT (39)								
39	Non-HRP		Decrease	USD	8,200	8,200	7,000	7,000
39	HRP		Decrease	USD	9,020	8,200	7,700	7,000
DATED BRENT (PLATTS) DAILY FUT (7G)								
7G	Non-HRP		Decrease	USD	8,500	8,500	7,250	7,250
7G	HRP		Decrease	USD	9,350	8,500	7,975	7,250
ICE BRENT-EURO DENOMINATED CAL FUT (IBE)								
IBE	Non-HRP	Mnth 1	Decrease	EUR	7,200	7,200	6,900	6,900
IBE	HRP	Mnth 1	Decrease	EUR	7,920	7,200	7,590	6,900
IBE	Non-HRP	Mnth 2-4	Decrease	EUR	6,800	6,800	6,500	6,500
IBE	HRP	Mnth 2-4	Decrease	EUR	7,480	6,800	7,150	6,500
IBE	Non-HRP	Mnth 5-16	Decrease	EUR	6,300	6,300	6,000	6,000
IBE	HRP	Mnth 5-16	Decrease	EUR	6,930	6,300	6,600	6,000
IBE	Non-HRP	Mnth 17+	Decrease	EUR	5,700	5,700	5,000	5,000
IBE	HRP	Mnth 17+	Decrease	EUR	6,270	5,700	5,500	5,000
JAPAN CRUDE COCKTAIL (DETAILED) FUT (JCC)								
JCC	Non-HRP	Mnth1	Decrease	USD	7,600	7,600	7,000	7,000
JCC	HRP	Mnth1	Decrease	USD	8,360	7,600	7,700	7,000
JCC	Non-HRP	Mnth 2	Decrease	USD	7,000	7,000	6,500	6,500
JCC	HRP	Mnth 2	Decrease	USD	7,700	7,000	7,150	6,500
JCC	Non-HRP	Mnths 3-4	Decrease	USD	6,800	6,800	6,250	6,250
JCC	HRP	Mnths 3-4	Decrease	USD	7,480	6,800	6,875	6,250
JCC	Non-HRP	Mnths 5-8	Decrease	USD	6,500	6,500	6,000	6,000
JCC	HRP	Mnths 5-8	Decrease	USD	7,150	6,500	6,600	6,000
JCC	Non-HRP	Mnths 9+	Decrease	USD	6,450	6,450	5,750	5,750
JCC	HRP	Mnths 9+	Decrease	USD	7,095	6,450	6,325	5,750

SPAN MINIMUM PERFORMANCE BOND REQUIREMENTS

CC	Rate Type	Description	Change	ISO	Current Initial	Current Maintenance	New Initial	New Maintenance
Outright Rates								
JAPAN CRUDE COCKTAIL (DETL) YEN FUT (JCY)								
JCY	Non-HRP	Mnth1	Decrease	JPY	1,050,000	1,050,000	945,000	945,000
JCY	HRP	Mnth1	Decrease	JPY	1,155,000	1,050,000	1,039,500	945,000
JCY	Non-HRP	Mnth 2	Decrease	JPY	1,050,000	1,050,000	880,000	880,000
JCY	HRP	Mnth 2	Decrease	JPY	1,155,000	1,050,000	968,000	880,000
JCY	Non-HRP	Mnths 3-4	Decrease	JPY	1,025,000	1,025,000	845,000	845,000
JCY	HRP	Mnths 3-4	Decrease	JPY	1,127,500	1,025,000	929,500	845,000
JCY	Non-HRP	Mnths 5-8	Decrease	JPY	1,010,000	1,010,000	810,000	810,000
JCY	HRP	Mnths 5-8	Decrease	JPY	1,111,000	1,010,000	891,000	810,000
JCY	Non-HRP	Mnths 9+	Decrease	JPY	1,000,000	1,000,000	775,000	775,000
JCY	HRP	Mnths 9+	Decrease	JPY	1,100,000	1,000,000	852,500	775,000
WTI HOUSTON (ARGUS) FINANCIAL FUT (HIA)								
HIA	Non-HRP		Decrease	USD	7,600	7,600	7,000	7,000
HIA	HRP		Decrease	USD	8,360	7,600	7,700	7,000
WTI HOUSTON (ARGUS) TRADE MONTH FUT (HTA)								
HTA	Non-HRP		Decrease	USD	7,600	7,600	7,000	7,000
HTA	HRP		Decrease	USD	8,360	7,600	7,700	7,000
WTI MIDLAND (ARGUS) TRADE MONTH FUT (WTI)								
WTI	Non-HRP	Mnths 7+	Decrease	USD	6,200	6,200	5,600	5,600
WTI	HRP	Mnths 7+	Decrease	USD	6,820	6,200	6,160	5,600
WTS (ARGUS) TRADE MONTH FUT (AY)								
AY	Non-HRP		Decrease	USD	8,200	8,200	7,000	7,000
AY	HRP		Decrease	USD	9,020	8,200	7,700	7,000

SPAN MINIMUM PERFORMANCE BOND REQUIREMENTS

CC	Rate Type	Description	Change	ISO	Current Initial	Current Maintenance	New Initial	New Maintenance
Outright Rates								
			CRUDE OIL SPREADS - Outright Rates					
ARGUS SOUR CRD IDX VS WTI DIFF CAL (38)								
38	Non-HRP		Decrease	USD	1,750	1,750	1,200	1,200
38	HRP		Decrease	USD	1,925	1,750	1,320	1,200
ARGUS SOUR CRUDE INDX VS WTI DIF FU (36)								
36	Non-HRP		Decrease	USD	1,500	1,500	1,000	1,000
36	HRP		Decrease	USD	1,650	1,500	1,100	1,000
ARGUS V NYMEX WTI TRD MO FUT (ANT)								
ANT	Non-HRP	Mnth 1	Decrease	USD	1,800	1,800	1,300	1,300
ANT	HRP	Mnth 1	Decrease	USD	1,980	1,800	1,430	1,300
DATED BRENT VS. BRENT SECOND MO FUT (59)								
59	Non-HRP		Decrease	USD	3,300	3,300	2,500	2,500
59	HRP		Decrease	USD	3,630	3,300	2,750	2,500
DATED TO FRONTLINE BRENT CLNDR FUT (FY)								
FY	Non-HRP	Mnth 1	Decrease	USD	950	950	800	800
FY	HRP	Mnth 1	Decrease	USD	1,045	950	880	800
FY	Non-HRP	Mnths 2 - 3	Decrease	USD	900	900	750	750
FY	HRP	Mnths 2 - 3	Decrease	USD	990	900	825	750
FY	Non-HRP	Mnths 4+	Decrease	USD	700	700	600	600
FY	HRP	Mnths 4+	Decrease	USD	770	700	660	600
ICE BRENT DUBAI FUT (DB)								
DB	Non-HRP	Mnths 3-8	Decrease	USD	750	750	700	700
DB	HRP	Mnths 3-8	Decrease	USD	825	750	770	700
MARS (ARGUS) V WTI FUT (YX)								
YX	Non-HRP	Mnth 1	Decrease	USD	1,200	1,200	1,000	1,000
YX	HRP	Mnth 1	Decrease	USD	1,320	1,200	1,100	1,000
YX	Non-HRP	Mnths 2-7	Decrease	USD	1,100	1,100	900	900
YX	HRP	Mnths 2-7	Decrease	USD	1,210	1,100	990	900

SPAN MINIMUM PERFORMANCE BOND REQUIREMENTS

CC	Rate Type	Description	Change	ISO	Current Initial	Current Maintenance	New Initial	New Maintenance
Outright Rates								
WTL MIDLAND (ARGUS) VS. WTI TRADE M (WTL)								
WTL	Non-HRP	Mnth 1	Decrease	USD	1,700	1,700	1,400	1,400
WTL	HRP	Mnth 1	Decrease	USD	1,870	1,700	1,540	1,400
WTL	Non-HRP	Mnths 3-4	Decrease	USD	1,000	1,000	750	750
WTL	HRP	Mnths 3-4	Decrease	USD	1,100	1,000	825	750
WTL	Non-HRP	Mnths 5-7	Decrease	USD	750	750	725	725
WTL	HRP	Mnths 5-7	Decrease	USD	825	750	798	725
WTL	Non-HRP	Mnths 8-15	Decrease	USD	1,000	1,000	700	700
WTL	HRP	Mnths 8-15	Decrease	USD	1,100	1,000	770	700
WTL	Non-HRP	Mnths 16+	Decrease	USD	1,000	1,000	700	700
WTL	HRP	Mnths 16+	Decrease	USD	1,100	1,000	770	700
WTL	Non-HRP	Mnth 2	Decrease	USD	1,100	1,100	800	800
WTL	HRP	Mnth 2	Decrease	USD	1,210	1,100	880	800

SPAN MINIMUM PERFORMANCE BOND REQUIREMENTS

CC	Rate Type	Description	Change	ISO	Current Initial	Current Maintenance	New Initial	New Maintenance
Outright Rates								
			DME Products - Outright Rates					
BRENT CRUDE VS DUBAI CRUDE (DBI)								
DBI	Non-HRP	Mnths 3-8	Decrease	USD	750	750	700	700
DBI	HRP	Mnths 3-8	Decrease	USD	825	750	770	700
DME OMAN CRUDE CAL FUT (ODO)								
ODO	Non-HRP	Mnth 1	Decrease	USD	6,800	6,800	6,300	6,300
ODO	HRP	Mnth 1	Decrease	USD	7,480	6,800	6,930	6,300
ODO	Non-HRP	Mnths 2-3	Decrease	USD	6,750	6,750	6,250	6,250
ODO	HRP	Mnths 2-3	Decrease	USD	7,425	6,750	6,875	6,250
ODO	Non-HRP	Mnths 4-8	Decrease	USD	6,500	6,500	5,800	5,800
ODO	HRP	Mnths 4-8	Decrease	USD	7,150	6,500	6,380	5,800
ODO	Non-HRP	Mnths 9+	Decrease	USD	6,400	6,400	5,500	5,500
ODO	HRP	Mnths 9+	Decrease	USD	7,040	6,400	6,050	5,500
DME OMAN CRUDE OIL (OQ)								
OQ	Non-HRP	Mnth 2-3	Decrease	USD	7,000	7,000	6,750	6,750
OQ	HRP	Mnth 2-3	Decrease	USD	7,700	7,000	7,425	6,750
OQ	Non-HRP	Mnth 4-8	Decrease	USD	6,900	6,900	6,250	6,250
OQ	HRP	Mnth 4-8	Decrease	USD	7,590	6,900	6,875	6,250
OQ	Non-HRP	Mnth 9+	Decrease	USD	6,000	6,000	5,600	5,600
OQ	HRP	Mnth 9+	Decrease	USD	6,600	6,000	6,160	5,600
OMAN CRUDE FINANCIAL (ZG)								
ZG	Non-HRP	Mnth 2-3	Decrease	USD	7,000	7,000	6,750	6,750
ZG	HRP	Mnth 2-3	Decrease	USD	7,700	7,000	7,425	6,750
ZG	Non-HRP	Mnth 4-8	Decrease	USD	6,900	6,900	6,250	6,250
ZG	HRP	Mnth 4-8	Decrease	USD	7,590	6,900	6,875	6,250
ZG	Non-HRP	Mnth 9+	Decrease	USD	6,000	6,000	5,600	5,600
ZG	HRP	Mnth 9+	Decrease	USD	6,600	6,000	6,160	5,600
OMAN CRUDE OIL TAM FUT (OQB)								
OQB	Non-HRP	Mnth 2-3	Decrease	USD	7,000	7,000	6,750	6,750
OQB	HRP	Mnth 2-3	Decrease	USD	7,700	7,000	7,425	6,750
OQB	Non-HRP	Mnth 4-8	Decrease	USD	6,900	6,900	6,250	6,250
OQB	HRP	Mnth 4-8	Decrease	USD	7,590	6,900	6,875	6,250
OQB	Non-HRP	Mnth 9+	Decrease	USD	6,000	6,000	5,600	5,600
OQB	HRP	Mnth 9+	Decrease	USD	6,600	6,000	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								
OMAN CRUDE OIL TAM MARKER SYN (OQ1)								
OQ1	Non-HRP	Mnth 2-3	Decrease	USD	7,000	7,000	6,750	6,750
OQ1	HRP	Mnth 2-3	Decrease	USD	7,700	7,000	7,425	6,750
OQ1	Non-HRP	Mnth 4-8	Decrease	USD	6,900	6,900	6,250	6,250
OQ1	HRP	Mnth 4-8	Decrease	USD	7,590	6,900	6,875	6,250
OQ1	Non-HRP	Mnth 9+	Decrease	USD	6,000	6,000	5,600	5,600
OQ1	HRP	Mnth 9+	Decrease	USD	6,600	6,000	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								
			ELECTRICITY - Outright Rates					
JAPANESE POWER DAY-AHEAD PEAKLOAD (JPT)								
JPT	Non-HRP	Mnth 1	Decrease	JPY	2,400,000	2,400,000	1,300,000	1,300,000
JPT	HRP	Mnth 1	Decrease	JPY	2,640,000	2,400,000	1,430,000	1,300,000
JPT	Non-HRP	Mnth 2	Decrease	JPY	1,750,000	1,750,000	1,100,000	1,100,000
JPT	HRP	Mnth 2	Decrease	JPY	1,925,000	1,750,000	1,210,000	1,100,000
JPT	Non-HRP	Mnths 3+	Decrease	JPY	1,300,000	1,300,000	950,000	950,000
JPT	HRP	Mnths 3+	Decrease	JPY	1,430,000	1,300,000	1,045,000	950,000
JAPANESE POWER KANSAI BASE-LOAD (JBK)								
JBK	Non-HRP	Mnth 1	Decrease	JPY	3,300,000	3,300,000	2,500,000	2,500,000
JBK	HRP	Mnth 1	Decrease	JPY	3,630,000	3,300,000	2,750,000	2,500,000
JBK	Non-HRP	Mnth 2	Decrease	JPY	3,250,000	3,250,000	2,200,000	2,200,000
JBK	HRP	Mnth 2	Decrease	JPY	3,575,000	3,250,000	2,420,000	2,200,000
JBK	Non-HRP	Mnth 3	Decrease	JPY	2,600,000	2,600,000	2,000,000	2,000,000
JBK	HRP	Mnth 3	Decrease	JPY	2,860,000	2,600,000	2,200,000	2,000,000
JBK	Non-HRP	Mnths 4+	Decrease	JPY	2,500,000	2,500,000	1,950,000	1,950,000
JBK	HRP	Mnths 4+	Decrease	JPY	2,750,000	2,500,000	2,145,000	1,950,000
JAPANESE POWER KANSAI PEAK-LOAD (JPK)								
JPK	Non-HRP	Mnth 1	Decrease	JPY	2,150,000	2,150,000	1,100,000	1,100,000
JPK	HRP	Mnth 1	Decrease	JPY	2,365,000	2,150,000	1,210,000	1,100,000
JPK	Non-HRP	Mnth 2	Decrease	JPY	2,100,000	2,100,000	1,000,000	1,000,000
JPK	HRP	Mnth 2	Decrease	JPY	2,310,000	2,100,000	1,100,000	1,000,000
JPK	Non-HRP	Mnths 3+	Decrease	JPY	1,250,000	1,250,000	900,000	900,000
JPK	HRP	Mnths 3+	Decrease	JPY	1,375,000	1,250,000	990,000	900,000
JAPANESE POWER TOKYO BASE-LOAD (JBT)								
JBT	Non-HRP	Mnth 1	Decrease	JPY	5,000,000	5,000,000	2,800,000	2,800,000
JBT	HRP	Mnth 1	Decrease	JPY	5,500,000	5,000,000	3,080,000	2,800,000
JBT	Non-HRP	Mnth 2	Decrease	JPY	3,900,000	3,900,000	2,500,000	2,500,000
JBT	HRP	Mnth 2	Decrease	JPY	4,290,000	3,900,000	2,750,000	2,500,000
JBT	Non-HRP	Mnth 3	Decrease	JPY	3,200,000	3,200,000	2,400,000	2,400,000
JBT	HRP	Mnth 3	Decrease	JPY	3,520,000	3,200,000	2,640,000	2,400,000
JBT	Non-HRP	Mnths 4+	Decrease	JPY	2,700,000	2,700,000	2,300,000	2,300,000
JBT	HRP	Mnths 4+	Decrease	JPY	2,970,000	2,700,000	2,530,000	2,300,000

SPAN MINIMUM PERFORMANCE BOND REQUIREMENTS

CC	Rate Type	Description	Change	ISO	Current Initial	Current Maintenance	New Initial	New Maintenance
Outright Rates								
PJM WES HUB PEAK CAL MON REAL TIME (L1)								
L1	Non-HRP	Mth 1	Decrease	USD	2,200	2,200	1,800	1,800
L1	HRP	Mth 1	Decrease	USD	2,420	2,200	1,980	1,800
L1	Non-HRP	Mnth 2	Decrease	USD	2,000	2,000	1,700	1,700
L1	HRP	Mnth 2	Decrease	USD	2,200	2,000	1,870	1,700
L1	Non-HRP	Mnths 3-5	Decrease	USD	1,600	1,600	1,400	1,400
L1	HRP	Mnths 3-5	Decrease	USD	1,760	1,600	1,540	1,400
PJM WES HUB PEAK LMP 50 MW (4S)								
4S	Non-HRP	Mth 1	Decrease	USD	22,000	22,000	18,000	18,000
4S	HRP	Mth 1	Decrease	USD	24,200	22,000	19,800	18,000
4S	Non-HRP	Mnth 2	Decrease	USD	20,000	20,000	17,000	17,000
4S	HRP	Mnth 2	Decrease	USD	22,000	20,000	18,700	17,000
4S	Non-HRP	Mnths 3-5	Decrease	USD	16,000	16,000	14,000	14,000
4S	HRP	Mnths 3-5	Decrease	USD	17,600	16,000	15,400	14,000
PJM WESTHDA PEAK (J4)								
J4	Non-HRP	Mnth 1	Decrease	USD	2,230	2,230	1,830	1,830
J4	HRP	Mnth 1	Decrease	USD	2,453	2,230	2,013	1,830
J4	Non-HRP	Mnth 2	Decrease	USD	2,015	2,015	1,715	1,715
J4	HRP	Mnth 2	Decrease	USD	2,217	2,015	1,887	1,715
J4	Non-HRP	Mnths 3-5	Decrease	USD	1,610	1,610	1,410	1,410
J4	HRP	Mnths 3-5	Decrease	USD	1,771	1,610	1,551	1,410

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	3,850	3,850	3,450	3,450
XPT	HRP		Decrease	USD	4,235	3,850	3,795	3,450
BTIC ON E-MINI COM SERVICES SECTOR (XZT)								
XZT	Non-HRP		Increase	USD	4,850	4,850	5,500	5,500
XZT	HRP		Increase	USD	5,335	4,850	6,050	5,500
BTIC ON E-MINI IPOX 100 U.S. INDEX (IPT)								
IPT	Non-HRP		Decrease	USD	1,300	1,300	1,000	1,000
IPT	HRP		Decrease	USD	1,430	1,300	1,100	1,000
BTIC REAL ESTATE SELECT INDEX FUT (XRT)								
XRT	Non-HRP		Decrease	USD	4,000	4,000	3,500	3,500
XRT	HRP		Decrease	USD	4,400	4,000	3,850	3,500
BTIC SP 500 ENERGY SELECT SECTOR (XET)								
XET	Non-HRP		Decrease	USD	8,000	8,000	7,500	7,500
XET	HRP		Decrease	USD	8,800	8,000	8,250	7,500
BTIC SP 500 FINANCIAL SECTOR TIC (XFT)								
XFT	Non-HRP		Decrease	USD	6,700	6,700	6,250	6,250
XFT	HRP		Decrease	USD	7,370	6,700	6,875	6,250
BTIC SP 500 HEALTH CARE SECTOR TIC (XVT)								
XVT	Non-HRP		Decrease	USD	6,500	6,500	6,000	6,000
XVT	HRP		Decrease	USD	7,150	6,500	6,600	6,000
BTIC SP 500 MATERIALS SEL SECTOR (XBT)								
XBT	Non-HRP		Decrease	USD	5,200	5,200	4,800	4,800
XBT	HRP		Decrease	USD	5,720	5,200	5,280	4,800
BTIC SP 500 TECHNOLOGY SECTOR TIC (XKT)								
XKT	Non-HRP		Decrease	USD	10,000	10,000	9,500	9,500
XKT	HRP		Decrease	USD	11,000	10,000	10,450	9,500
BTIC SP 500 UTILITIES SEL SECTOR (XUT)								
XUT	Non-HRP		Decrease	USD	4,500	4,500	4,000	4,000
XUT	HRP		Decrease	USD	4,950	4,500	4,400	4,000
DJ US REAL ESTATE BTIC (REX)								
REX	Non-HRP		Decrease	USD	3,200	3,200	2,700	2,700
REX	HRP		Decrease	USD	3,520	3,200	2,970	2,700

SPAN MINIMUM PERFORMANCE BOND REQUIREMENTS

CC	Rate Type	Description	Change	ISO	Current Initial	Current Maintenance	New Initial	New Maintenance
Outright Rates								
DJ US REAL ESTATE SYNTHEIC (DJR)								
DJR	Non-HRP		Decrease	USD	3,200	3,200	2,700	2,700
DJR	HRP		Decrease	USD	3,520	3,200	2,970	2,700
DOW JONES US REAL ESTATE FUT (JR)								
JR	Non-HRP		Decrease	USD	3,200	3,200	2,700	2,700
JR	HRP		Decrease	USD	3,520	3,200	2,970	2,700
E-MINI COM SELECT SECTOR MARKER (XZI)								
XZI	Non-HRP		Increase	USD	4,850	4,850	5,500	5,500
XZI	HRP		Increase	USD	5,335	4,850	6,050	5,500
E-MINI COM SERVICES SELECT SECTOR (XAZ)								
XAZ	Non-HRP		Increase	USD	4,850	4,850	5,500	5,500
XAZ	HRP		Increase	USD	5,335	4,850	6,050	5,500
E-MINI IPOX 100 U.S. INDEX FUTURES (IPO)								
IPO	Non-HRP		Decrease	USD	3,500	3,500	3,000	3,000
IPO	HRP		Decrease	USD	3,850	3,500	3,300	3,000
E-MINI REAL ESTATE INDEX MARKER (XRI)								
XRI	Non-HRP		Decrease	USD	4,000	4,000	3,500	3,500
XRI	HRP		Decrease	USD	4,400	4,000	3,850	3,500
EMINI SP 500 CONS STAPLES SECTOR IX (XAP)								
XAP	Non-HRP		Decrease	USD	3,850	3,850	3,450	3,450
XAP	HRP		Decrease	USD	4,235	3,850	3,795	3,450
EMINI SP 500 ENERGY SECTOR INDEX (XAE)								
XAE	Non-HRP		Decrease	USD	8,000	8,000	7,500	7,500
XAE	HRP		Decrease	USD	8,800	8,000	8,250	7,500
EMINI SP500 - FINANCIAL SECT INDEX (XAF)								
XAF	Non-HRP		Decrease	USD	6,700	6,700	6,250	6,250
XAF	HRP		Decrease	USD	7,370	6,700	6,875	6,250
EMINI SP500- HEALTH CARE SECT INDEX (XAV)								
XAV	Non-HRP		Decrease	USD	6,500	6,500	6,000	6,000
XAV	HRP		Decrease	USD	7,150	6,500	6,600	6,000
EMINI SP500 MATERIALS SECTOR INDEX (XAB)								
XAB	Non-HRP		Decrease	USD	5,200	5,200	4,800	4,800
XAB	HRP		Decrease	USD	5,720	5,200	5,280	4,800

SPAN MINIMUM PERFORMANCE BOND REQUIREMENTS

CC	Rate Type	Description	Change	ISO	Current Initial	Current Maintenance	New Initial	New Maintenance
Outright Rates								
EMINI SP500-TECHNOLOGY SECTOR INDEX (XAK)								
XAK	Non-HRP		Decrease	USD	10,000	10,000	9,500	9,500
XAK	HRP		Decrease	USD	11,000	10,000	10,450	9,500
EMINI SP500-UTILITIES SECTOR INDEX (XAU)								
XAU	Non-HRP		Decrease	USD	4,500	4,500	4,000	4,000
XAU	HRP		Decrease	USD	4,950	4,500	4,400	4,000
NASDAQ-100 VOL INDEX FUT (VLQ)								
VLQ	Non-HRP	Month 1	Decrease	USD	1,350	1,350	1,100	1,100
VLQ	HRP	Month 1	Decrease	USD	1,485	1,350	1,210	1,100
VLQ	Non-HRP	Months 2+	Decrease	USD	1,350	1,350	1,100	1,100
VLQ	HRP	Months 2+	Decrease	USD	1,485	1,350	1,210	1,100
REAL ESTATE SELECT SECTOR FUTURES (XAR)								
XAR	Non-HRP		Decrease	USD	4,000	4,000	3,500	3,500
XAR	HRP		Decrease	USD	4,400	4,000	3,850	3,500
SP 500 - CONS STAPLES SYNTHETIC (1PT)								
1PT	Non-HRP		Decrease	USD	3,850	3,850	3,450	3,450
1PT	HRP		Decrease	USD	4,235	3,850	3,795	3,450
SP 500 ENERGY SLCT SEC SYNTHETIC (1ET)								
1ET	Non-HRP		Decrease	USD	8,000	8,000	7,500	7,500
1ET	HRP		Decrease	USD	8,800	8,000	8,250	7,500
SP 500 FINANCIAL SLCT SEC SYNT (1FT)								
1FT	Non-HRP		Decrease	USD	6,700	6,700	6,250	6,250
1FT	HRP		Decrease	USD	7,370	6,700	6,875	6,250
SP 500 HEALTH CARE SECTOR SYNTHETIC (1VT)								
1VT	Non-HRP		Decrease	USD	6,500	6,500	6,000	6,000
1VT	HRP		Decrease	USD	7,150	6,500	6,600	6,000
SP 500 MATERIALS SEL SECTOR SYNTH (1BT)								
1BT	Non-HRP		Decrease	USD	5,200	5,200	4,800	4,800
1BT	HRP		Decrease	USD	5,720	5,200	5,280	4,800
SP 500 TECHNOLOGY SECTOR SYNTH (1KT)								
1KT	Non-HRP		Decrease	USD	10,000	10,000	9,500	9,500
1KT	HRP		Decrease	USD	11,000	10,000	10,450	9,500
SP 500 UTILITIES SEL SECTOR SYNTH (1UT)								
1UT	Non-HRP		Decrease	USD	4,500	4,500	4,000	4,000
1UT	HRP		Decrease	USD	4,950	4,500	4,400	4,000

SPAN MINIMUM PERFORMANCE BOND REQUIREMENTS

CC	Rate Type	Description	Change	ISO	Current Initial	Current Maintenance	New Initial	New Maintenance
Outright Rates								
			FREIGHT - Outright Rates					
FREIGHT ROUTE LIQUID PETROLEUM GAS (FLP)								
FLP	Non-HRP	Mth 1	Increase	USD	11,000	11,000	12,500	12,500
FLP	HRP	Mth 1	Increase	USD	12,100	11,000	13,750	12,500
FLP	Non-HRP	Mths 2	Increase	USD	11,000	11,000	12,500	12,500
FLP	HRP	Mths 2	Increase	USD	12,100	11,000	13,750	12,500
FREIGHT ROUTE TD3C FUTURES (TL)								
TL	Non-HRP	Mnth 1	Decrease	USD	3,800	3,800	3,500	3,500
TL	HRP	Mnth 1	Decrease	USD	4,180	3,800	3,850	3,500
TL	Non-HRP	Mnth 2	Decrease	USD	2,600	2,600	2,400	2,400
TL	HRP	Mnth 2	Decrease	USD	2,860	2,600	2,640	2,400
LNG FREIGHT ROUTE BLNG2G (LNG FUEL) (BL2)								
BL2	Non-HRP	Mnths 1	Decrease	USD	30,000	30,000	24,000	24,000
BL2	HRP	Mnths 1	Decrease	USD	33,000	30,000	26,400	24,000
BL2	Non-HRP	Mnths 2	Decrease	USD	30,000	30,000	24,000	24,000
BL2	HRP	Mnths 2	Decrease	USD	33,000	30,000	26,400	24,000
BL2	Non-HRP	Mnths 3	Decrease	USD	20,000	20,000	17,500	17,500
BL2	HRP	Mnths 3	Decrease	USD	22,000	20,000	19,250	17,500
BL2	Non-HRP	Mnths 4-7	Decrease	USD	17,500	17,500	15,000	15,000
BL2	HRP	Mnths 4-7	Decrease	USD	19,250	17,500	16,500	15,000
BL2	Non-HRP	Mnths 8+	Decrease	USD	17,500	17,500	15,000	15,000
BL2	HRP	Mnths 8+	Decrease	USD	19,250	17,500	16,500	15,000
			FX - Outright Rates					
AFRICAN RAND FUTURES (RA)								
RA	Non-HRP		Decrease	USD	1,800	1,800	1,600	1,600
RA	HRP		Decrease	USD	1,980	1,800	1,760	1,600
POLISH ZLOTY FUTURES (PZ)								
PZ	Non-HRP		Decrease	USD	4,600	4,600	4,100	4,100
PZ	HRP		Decrease	USD	5,060	4,600	4,510	4,100
RU RUSSIAN RUBLE FUTURES (RU)								
RU	Non-HRP	Contracts 1-12	Decrease	USD	8,000	8,000	7,000	7,000
RU	HRP	Contracts 1-12	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
Outright Rates								
		INTEREST RATES - Outright Rates						

SPAN MINIMUM PERFORMANCE BOND REQUIREMENTS

CC	Rate Type	Description	Change	ISO	Current Initial	Current Maintenance	New Initial	New Maintenance
Outright Rates								
10-YEAR ERIS SOFR SWAP FUTURES (YIY)								
YIY	Non-HRP	Month 3	Decrease	USD	175	175	150	150
YIY	HRP	Month 3	Decrease	USD	193	175	165	150
YIY	Non-HRP	Month 4	Decrease	USD	225	225	200	200
YIY	HRP	Month 4	Decrease	USD	248	225	220	200
YIY	Non-HRP	Month 5	Decrease	USD	300	300	275	275
YIY	HRP	Month 5	Decrease	USD	330	300	303	275
YIY	Non-HRP	Month 6	Decrease	USD	375	375	350	350
YIY	HRP	Month 6	Decrease	USD	413	375	385	350
YIY	Non-HRP	Month 7	Decrease	USD	475	475	450	450
YIY	HRP	Month 7	Decrease	USD	523	475	495	450
YIY	Non-HRP	Month 8	Decrease	USD	550	550	525	525
YIY	HRP	Month 8	Decrease	USD	605	550	578	525
YIY	Non-HRP	Month 9	Decrease	USD	650	650	600	600
YIY	HRP	Month 9	Decrease	USD	715	650	660	600
YIY	Non-HRP	Month 10	Decrease	USD	725	725	675	675
YIY	HRP	Month 10	Decrease	USD	798	725	743	675
YIY	Non-HRP	Month 11	Decrease	USD	855	855	800	800
YIY	HRP	Month 11	Decrease	USD	941	855	880	800
YIY	Non-HRP	Month 12	Decrease	USD	950	950	900	900
YIY	HRP	Month 12	Decrease	USD	1,045	950	990	900
YIY	Non-HRP	Month 13	Decrease	USD	1,050	1,050	975	975
YIY	HRP	Month 13	Decrease	USD	1,155	1,050	1,073	975
YIY	Non-HRP	Month 14	Decrease	USD	1,100	1,100	1,025	1,025
YIY	HRP	Month 14	Decrease	USD	1,210	1,100	1,128	1,025
YIY	Non-HRP	Month 15	Decrease	USD	1,175	1,175	1,050	1,050
YIY	HRP	Month 15	Decrease	USD	1,293	1,175	1,155	1,050
YIY	Non-HRP	Month 16	Decrease	USD	1,250	1,250	1,100	1,100
YIY	HRP	Month 16	Decrease	USD	1,375	1,250	1,210	1,100
YIY	Non-HRP	Month 17	Decrease	USD	1,300	1,300	1,175	1,175
YIY	HRP	Month 17	Decrease	USD	1,430	1,300	1,293	1,175
YIY	Non-HRP	Month 18	Decrease	USD	1,350	1,350	1,200	1,200
YIY	HRP	Month 18	Decrease	USD	1,485	1,350	1,320	1,200
YIY	Non-HRP	Month 19	Decrease	USD	1,425	1,425	1,250	1,250
YIY	HRP	Month 19	Decrease	USD	1,568	1,425	1,375	1,250
YIY	Non-HRP	Month 20	Decrease	USD	1,500	1,500	1,300	1,300
YIY	HRP	Month 20	Decrease	USD	1,650	1,500	1,430	1,300
YIY	Non-HRP	Month 21	Decrease	USD	1,575	1,575	1,350	1,350
YIY	HRP	Month 21	Decrease	USD	1,733	1,575	1,485	1,350
YIY	Non-HRP	Month 22	Decrease	USD	1,625	1,625	1,400	1,400

SPAN MINIMUM PERFORMANCE BOND REQUIREMENTS

CC	Rate Type	Description	Change	ISO	Current Initial	Current Maintenance	New Initial	New Maintenance
Outright Rates								
YIY	HRP	Month 22	Decrease	USD	1,788	1,625	1,540	1,400
YIY	Non-HRP	Month 23	Decrease	USD	1,700	1,700	1,450	1,450
YIY	HRP	Month 23	Decrease	USD	1,870	1,700	1,595	1,450
YIY	Non-HRP	Month 24	Decrease	USD	1,775	1,775	1,500	1,500
YIY	HRP	Month 24	Decrease	USD	1,953	1,775	1,650	1,500
YIY	Non-HRP	Month 25	Decrease	USD	1,825	1,825	1,550	1,550
YIY	HRP	Month 25	Decrease	USD	2,008	1,825	1,705	1,550
YIY	Non-HRP	Month 26	Decrease	USD	1,900	1,900	1,600	1,600
YIY	HRP	Month 26	Decrease	USD	2,090	1,900	1,760	1,600
YIY	Non-HRP	Month 27	Decrease	USD	1,975	1,975	1,650	1,650
YIY	HRP	Month 27	Decrease	USD	2,173	1,975	1,815	1,650
YIY	Non-HRP	Month 28	Decrease	USD	2,050	2,050	1,750	1,750
YIY	HRP	Month 28	Decrease	USD	2,255	2,050	1,925	1,750
YIY	Non-HRP	Month 29	Decrease	USD	2,100	2,100	1,850	1,850
YIY	HRP	Month 29	Decrease	USD	2,310	2,100	2,035	1,850
YIY	Non-HRP	Month 30	Decrease	USD	2,150	2,150	1,925	1,925
YIY	HRP	Month 30	Decrease	USD	2,365	2,150	2,118	1,925
YIY	Non-HRP	Month 31	Decrease	USD	2,200	2,200	1,975	1,975
YIY	HRP	Month 31	Decrease	USD	2,420	2,200	2,173	1,975
YIY	Non-HRP	Month 32	Decrease	USD	2,250	2,250	2,025	2,025
YIY	HRP	Month 32	Decrease	USD	2,475	2,250	2,228	2,025
YIY	Non-HRP	Month 33	Decrease	USD	2,300	2,300	2,100	2,100
YIY	HRP	Month 33	Decrease	USD	2,530	2,300	2,310	2,100
YIY	Non-HRP	Month 34	Decrease	USD	2,350	2,350	2,175	2,175
YIY	HRP	Month 34	Decrease	USD	2,585	2,350	2,393	2,175
YIY	Non-HRP	Month 35	Decrease	USD	2,400	2,400	2,225	2,225
YIY	HRP	Month 35	Decrease	USD	2,640	2,400	2,448	2,225
YIY	Non-HRP	Month 36	Decrease	USD	2,450	2,450	2,275	2,275
YIY	HRP	Month 36	Decrease	USD	2,695	2,450	2,503	2,275
YIY	Non-HRP	Month 37	Decrease	USD	2,500	2,500	2,325	2,325
YIY	HRP	Month 37	Decrease	USD	2,750	2,500	2,558	2,325
YIY	Non-HRP	Month 38	Decrease	USD	2,550	2,550	2,375	2,375
YIY	HRP	Month 38	Decrease	USD	2,805	2,550	2,613	2,375
YIY	Non-HRP	Month 39	Decrease	USD	2,600	2,600	2,425	2,425
YIY	HRP	Month 39	Decrease	USD	2,860	2,600	2,668	2,425
YIY	Non-HRP	Month 40	Decrease	USD	2,650	2,650	2,475	2,475
YIY	HRP	Month 40	Decrease	USD	2,915	2,650	2,723	2,475
YIY	Non-HRP	Month 41	Decrease	USD	2,700	2,700	2,525	2,525
YIY	HRP	Month 41	Decrease	USD	2,970	2,700	2,778	2,525
YIY	Non-HRP	Month 42	Decrease	USD	2,700	2,700	2,525	2,525

SPAN MINIMUM PERFORMANCE BOND REQUIREMENTS

CC	Rate Type	Description	Change	ISO	Current Initial	Current Maintenance	New Initial	New Maintenance
Outright Rates								
YIY	HRP	Month 42	Decrease	USD	2,970	2,700	2,778	2,525

SPAN MINIMUM PERFORMANCE BOND REQUIREMENTS

CC	Rate Type	Description	Change	ISO	Current Initial	Current Maintenance	New Initial	New Maintenance
Outright Rates								
10-YEAR ERIS SWAP FUTURES (LIY)								
LIY	Non-HRP	Month 3	Decrease	USD	175	175	150	150
LIY	HRP	Month 3	Decrease	USD	193	175	165	150
LIY	Non-HRP	Month 4	Decrease	USD	225	225	200	200
LIY	HRP	Month 4	Decrease	USD	248	225	220	200
LIY	Non-HRP	Month 5	Decrease	USD	300	300	275	275
LIY	HRP	Month 5	Decrease	USD	330	300	303	275
LIY	Non-HRP	Month 6	Decrease	USD	375	375	350	350
LIY	HRP	Month 6	Decrease	USD	413	375	385	350
LIY	Non-HRP	Month 7	Decrease	USD	475	475	450	450
LIY	HRP	Month 7	Decrease	USD	523	475	495	450
LIY	Non-HRP	Month 8	Decrease	USD	550	550	525	525
LIY	HRP	Month 8	Decrease	USD	605	550	578	525
LIY	Non-HRP	Month 9	Decrease	USD	650	650	600	600
LIY	HRP	Month 9	Decrease	USD	715	650	660	600
LIY	Non-HRP	Month 10	Decrease	USD	725	725	675	675
LIY	HRP	Month 10	Decrease	USD	798	725	743	675
LIY	Non-HRP	Month 11	Decrease	USD	850	850	800	800
LIY	HRP	Month 11	Decrease	USD	935	850	880	800
LIY	Non-HRP	Month 12	Decrease	USD	950	950	900	900
LIY	HRP	Month 12	Decrease	USD	1,045	950	990	900
LIY	Non-HRP	Month 13	Decrease	USD	1,050	1,050	975	975
LIY	HRP	Month 13	Decrease	USD	1,155	1,050	1,073	975
LIY	Non-HRP	Month 14	Decrease	USD	1,100	1,100	1,025	1,025
LIY	HRP	Month 14	Decrease	USD	1,210	1,100	1,128	1,025
LIY	Non-HRP	Month 15	Decrease	USD	1,175	1,175	1,050	1,050
LIY	HRP	Month 15	Decrease	USD	1,293	1,175	1,155	1,050
LIY	Non-HRP	Month 16	Decrease	USD	1,250	1,250	1,100	1,100
LIY	HRP	Month 16	Decrease	USD	1,375	1,250	1,210	1,100
LIY	Non-HRP	Month 17	Decrease	USD	1,300	1,300	1,175	1,175
LIY	HRP	Month 17	Decrease	USD	1,430	1,300	1,293	1,175
LIY	Non-HRP	Month 18	Decrease	USD	1,350	1,350	1,200	1,200
LIY	HRP	Month 18	Decrease	USD	1,485	1,350	1,320	1,200
LIY	Non-HRP	Month 19	Decrease	USD	1,425	1,425	1,250	1,250
LIY	HRP	Month 19	Decrease	USD	1,568	1,425	1,375	1,250
LIY	Non-HRP	Month 20	Decrease	USD	1,500	1,500	1,300	1,300
LIY	HRP	Month 20	Decrease	USD	1,650	1,500	1,430	1,300
LIY	Non-HRP	Month 21	Decrease	USD	1,575	1,575	1,350	1,350
LIY	HRP	Month 21	Decrease	USD	1,733	1,575	1,485	1,350
LIY	Non-HRP	Month 22	Decrease	USD	1,625	1,625	1,400	1,400

SPAN MINIMUM PERFORMANCE BOND REQUIREMENTS

CC	Rate Type	Description	Change	ISO	Current Initial	Current Maintenance	New Initial	New Maintenance
Outright Rates								
LIY	HRP	Month 22	Decrease	USD	1,788	1,625	1,540	1,400
LIY	Non-HRP	Month 23	Decrease	USD	1,700	1,700	1,450	1,450
LIY	HRP	Month 23	Decrease	USD	1,870	1,700	1,595	1,450
LIY	Non-HRP	Month 24	Decrease	USD	1,775	1,775	1,500	1,500
LIY	HRP	Month 24	Decrease	USD	1,953	1,775	1,650	1,500
LIY	Non-HRP	Month 25	Decrease	USD	1,825	1,825	1,550	1,550
LIY	HRP	Month 25	Decrease	USD	2,008	1,825	1,705	1,550
LIY	Non-HRP	Month 26	Decrease	USD	1,900	1,900	1,600	1,600
LIY	HRP	Month 26	Decrease	USD	2,090	1,900	1,760	1,600
LIY	Non-HRP	Month 27	Decrease	USD	1,975	1,975	1,650	1,650
LIY	HRP	Month 27	Decrease	USD	2,173	1,975	1,815	1,650
LIY	Non-HRP	Month 28	Decrease	USD	2,050	2,050	1,750	1,750
LIY	HRP	Month 28	Decrease	USD	2,255	2,050	1,925	1,750
LIY	Non-HRP	Months 29	Decrease	USD	2,100	2,100	1,850	1,850
LIY	HRP	Months 29	Decrease	USD	2,310	2,100	2,035	1,850
LIY	Non-HRP	Month 30	Decrease	USD	2,150	2,150	1,925	1,925
LIY	HRP	Month 30	Decrease	USD	2,365	2,150	2,118	1,925
LIY	Non-HRP	Month 31	Decrease	USD	2,200	2,200	1,975	1,975
LIY	HRP	Month 31	Decrease	USD	2,420	2,200	2,173	1,975
LIY	Non-HRP	Month 32	Decrease	USD	2,250	2,250	2,025	2,025
LIY	HRP	Month 32	Decrease	USD	2,475	2,250	2,228	2,025
LIY	Non-HRP	Month 33	Decrease	USD	2,300	2,300	2,100	2,100
LIY	HRP	Month 33	Decrease	USD	2,530	2,300	2,310	2,100
LIY	Non-HRP	Month 34	Decrease	USD	2,350	2,350	2,175	2,175
LIY	HRP	Month 34	Decrease	USD	2,585	2,350	2,393	2,175
LIY	Non-HRP	Month 35	Decrease	USD	2,400	2,400	2,225	2,225
LIY	HRP	Month 35	Decrease	USD	2,640	2,400	2,448	2,225
LIY	Non-HRP	Month 37	Decrease	USD	2,500	2,500	2,325	2,325
LIY	HRP	Month 37	Decrease	USD	2,750	2,500	2,558	2,325
LIY	Non-HRP	Month 38	Decrease	USD	2,550	2,550	2,375	2,375
LIY	HRP	Month 38	Decrease	USD	2,805	2,550	2,613	2,375
LIY	Non-HRP	Month 39	Decrease	USD	2,600	2,600	2,425	2,425
LIY	HRP	Month 39	Decrease	USD	2,860	2,600	2,668	2,425
LIY	Non-HRP	Month 36	Decrease	USD	2,450	2,450	2,275	2,275
LIY	HRP	Month 36	Decrease	USD	2,695	2,450	2,503	2,275
LIY	Non-HRP	Month 40	Decrease	USD	2,650	2,650	2,475	2,475
LIY	HRP	Month 40	Decrease	USD	2,915	2,650	2,723	2,475
LIY	Non-HRP	Month 41+	Decrease	USD	2,700	2,700	2,525	2,525
LIY	HRP	Month 41+	Decrease	USD	2,970	2,700	2,778	2,525

SPAN MINIMUM PERFORMANCE BOND REQUIREMENTS

CC	Rate Type	Description	Change	ISO	Current Initial	Current Maintenance	New Initial	New Maintenance
Outright Rates								
12-YEAR ERIS SOFR SWAP FUTURES (YII)								
YII	Non-HRP	Month 1	Decrease	USD	2,100	2,100	2,000	2,000
YII	HRP	Month 1	Decrease	USD	2,310	2,100	2,200	2,000
YII	Non-HRP	Month 2	Decrease	USD	2,100	2,100	2,000	2,000
YII	HRP	Month 2	Decrease	USD	2,310	2,100	2,200	2,000
YII	Non-HRP	Month 3	Decrease	USD	2,100	2,100	2,000	2,000
YII	HRP	Month 3	Decrease	USD	2,310	2,100	2,200	2,000
YII	Non-HRP	Month 4	Decrease	USD	2,100	2,100	2,000	2,000
YII	HRP	Month 4	Decrease	USD	2,310	2,100	2,200	2,000
YII	Non-HRP	Month 5	Decrease	USD	2,100	2,100	2,000	2,000
YII	HRP	Month 5	Decrease	USD	2,310	2,100	2,200	2,000
YII	Non-HRP	Month 6	Decrease	USD	2,100	2,100	2,000	2,000
YII	HRP	Month 6	Decrease	USD	2,310	2,100	2,200	2,000
YII	Non-HRP	Month 7	Decrease	USD	2,100	2,100	2,000	2,000
YII	HRP	Month 7	Decrease	USD	2,310	2,100	2,200	2,000
YII	Non-HRP	Month 8	Decrease	USD	2,100	2,100	2,000	2,000
YII	HRP	Month 8	Decrease	USD	2,310	2,100	2,200	2,000
YII	Non-HRP	Month 9	Decrease	USD	2,800	2,800	2,500	2,500
YII	HRP	Month 9	Decrease	USD	3,080	2,800	2,750	2,500

SPAN MINIMUM PERFORMANCE BOND REQUIREMENTS

CC	Rate Type	Description	Change	ISO	Current Initial	Current Maintenance	New Initial	New Maintenance
Outright Rates								
12-YEAR ERIS SWAP FUTURES (LII)								
LII	Non-HRP	Month 1	Decrease	USD	2,000	2,000	1,700	1,700
LII	HRP	Month 1	Decrease	USD	2,200	2,000	1,870	1,700
LII	Non-HRP	Month 2	Decrease	USD	2,000	2,000	1,700	1,700
LII	HRP	Month 2	Decrease	USD	2,200	2,000	1,870	1,700
LII	Non-HRP	Month 3	Decrease	USD	2,000	2,000	1,700	1,700
LII	HRP	Month 3	Decrease	USD	2,200	2,000	1,870	1,700
LII	Non-HRP	Month 4	Decrease	USD	2,000	2,000	1,700	1,700
LII	HRP	Month 4	Decrease	USD	2,200	2,000	1,870	1,700
LII	Non-HRP	Month 5	Decrease	USD	2,000	2,000	1,700	1,700
LII	HRP	Month 5	Decrease	USD	2,200	2,000	1,870	1,700
LII	Non-HRP	Month 6	Decrease	USD	2,000	2,000	1,700	1,700
LII	HRP	Month 6	Decrease	USD	2,200	2,000	1,870	1,700
LII	Non-HRP	Month 7	Decrease	USD	2,000	2,000	1,700	1,700
LII	HRP	Month 7	Decrease	USD	2,200	2,000	1,870	1,700
LII	Non-HRP	Month 8	Decrease	USD	2,000	2,000	1,700	1,700
LII	HRP	Month 8	Decrease	USD	2,200	2,000	1,870	1,700
LII	Non-HRP	Month 9	Decrease	USD	2,100	2,100	1,800	1,800
LII	HRP	Month 9	Decrease	USD	2,310	2,100	1,980	1,800
LII	Non-HRP	Month 10	Decrease	USD	2,100	2,100	1,800	1,800
LII	HRP	Month 10	Decrease	USD	2,310	2,100	1,980	1,800
LII	Non-HRP	Month 11	Decrease	USD	2,100	2,100	1,800	1,800
LII	HRP	Month 11	Decrease	USD	2,310	2,100	1,980	1,800
LII	Non-HRP	Month 12	Decrease	USD	2,200	2,200	1,900	1,900
LII	HRP	Month 12	Decrease	USD	2,420	2,200	2,090	1,900
LII	Non-HRP	Month 13	Decrease	USD	2,200	2,200	1,900	1,900
LII	HRP	Month 13	Decrease	USD	2,420	2,200	2,090	1,900
LII	Non-HRP	Month 14	Decrease	USD	2,550	2,550	2,250	2,250
LII	HRP	Month 14	Decrease	USD	2,805	2,550	2,475	2,250
LII	Non-HRP	Month 15	Decrease	USD	2,550	2,550	2,250	2,250
LII	HRP	Month 15	Decrease	USD	2,805	2,550	2,475	2,250
LII	Non-HRP	Month 16	Decrease	USD	2,550	2,550	2,250	2,250
LII	HRP	Month 16	Decrease	USD	2,805	2,550	2,475	2,250
LII	Non-HRP	Month 17+	Decrease	USD	2,800	2,800	2,400	2,400
LII	HRP	Month 17+	Decrease	USD	3,080	2,800	2,640	2,400
15-YEAR ERIS SOFR SWAP FUTURES (YIL)								
YIL	Non-HRP		Decrease	USD	2,800	2,800	2,500	2,500
YIL	HRP		Decrease	USD	3,080	2,800	2,750	2,500

SPAN MINIMUM PERFORMANCE BOND REQUIREMENTS

CC	Rate Type	Description	Change	ISO	Current Initial	Current Maintenance	New Initial	New Maintenance
Outright Rates								
15-YEAR ERIS SWAP FUTURES (LIL)								
LIL	Non-HRP	Month 1	Decrease	USD	2,200	2,200	1,900	1,900
LIL	HRP	Month 1	Decrease	USD	2,420	2,200	2,090	1,900
LIL	Non-HRP	Month 2	Decrease	USD	2,200	2,200	1,900	1,900
LIL	HRP	Month 2	Decrease	USD	2,420	2,200	2,090	1,900
LIL	Non-HRP	Month 3	Decrease	USD	2,200	2,200	1,900	1,900
LIL	HRP	Month 3	Decrease	USD	2,420	2,200	2,090	1,900
LIL	Non-HRP	Month 4	Decrease	USD	2,200	2,200	1,900	1,900
LIL	HRP	Month 4	Decrease	USD	2,420	2,200	2,090	1,900
LIL	Non-HRP	Month 5	Decrease	USD	2,300	2,300	2,000	2,000
LIL	HRP	Month 5	Decrease	USD	2,530	2,300	2,200	2,000
LIL	Non-HRP	Month 6	Decrease	USD	2,300	2,300	2,000	2,000
LIL	HRP	Month 6	Decrease	USD	2,530	2,300	2,200	2,000
LIL	Non-HRP	Month 7	Decrease	USD	2,300	2,300	2,000	2,000
LIL	HRP	Month 7	Decrease	USD	2,530	2,300	2,200	2,000
LIL	Non-HRP	Month 8	Decrease	USD	2,300	2,300	2,000	2,000
LIL	HRP	Month 8	Decrease	USD	2,530	2,300	2,200	2,000
LIL	Non-HRP	Month 9	Decrease	USD	2,500	2,500	2,200	2,200
LIL	HRP	Month 9	Decrease	USD	2,750	2,500	2,420	2,200
LIL	Non-HRP	Month 10	Decrease	USD	2,500	2,500	2,200	2,200
LIL	HRP	Month 10	Decrease	USD	2,750	2,500	2,420	2,200
LIL	Non-HRP	Month 11	Decrease	USD	2,500	2,500	2,200	2,200
LIL	HRP	Month 11	Decrease	USD	2,750	2,500	2,420	2,200
LIL	Non-HRP	Month 12	Decrease	USD	2,500	2,500	2,200	2,200
LIL	HRP	Month 12	Decrease	USD	2,750	2,500	2,420	2,200
LIL	Non-HRP	Month 13	Decrease	USD	2,500	2,500	2,200	2,200
LIL	HRP	Month 13	Decrease	USD	2,750	2,500	2,420	2,200
LIL	Non-HRP	Month 14	Decrease	USD	2,800	2,800	2,500	2,500
LIL	HRP	Month 14	Decrease	USD	3,080	2,800	2,750	2,500
LIL	Non-HRP	Month 15+	Decrease	USD	2,800	2,800	2,500	2,500
LIL	HRP	Month 15+	Decrease	USD	3,080	2,800	2,750	2,500

SPAN MINIMUM PERFORMANCE BOND REQUIREMENTS

CC	Rate Type	Description	Change	ISO	Current Initial	Current Maintenance	New Initial	New Maintenance
Outright Rates								
2-YEAR ERIS SOFR SWAP FUTURES (YIT)								
YIT	Non-HRP	Month 3	Decrease	USD	150	150	125	125
YIT	HRP	Month 3	Decrease	USD	165	150	138	125
YIT	Non-HRP	Month 4	Decrease	USD	200	200	175	175
YIT	HRP	Month 4	Decrease	USD	220	200	193	175
YIT	Non-HRP	Month 5	Decrease	USD	275	275	250	250
YIT	HRP	Month 5	Decrease	USD	303	275	275	250
YIT	Non-HRP	Month 6	Decrease	USD	350	350	325	325
YIT	HRP	Month 6	Decrease	USD	385	350	358	325
YIT	Non-HRP	Month 7	Decrease	USD	425	425	400	400
YIT	HRP	Month 7	Decrease	USD	468	425	440	400
YIT	Non-HRP	Month 8	Decrease	USD	525	525	500	500
YIT	HRP	Month 8	Decrease	USD	578	525	550	500
YIT	Non-HRP	Month 9	Decrease	USD	650	650	600	600
YIT	HRP	Month 9	Decrease	USD	715	650	660	600
2-YEAR ERIS SWAP FUTURE (LIT)								
LIT	Non-HRP	Month 3	Decrease	USD	150	150	125	125
LIT	HRP	Month 3	Decrease	USD	165	150	138	125
LIT	Non-HRP	Month 4	Decrease	USD	200	200	175	175
LIT	HRP	Month 4	Decrease	USD	220	200	193	175
LIT	Non-HRP	Month 5	Decrease	USD	275	275	250	250
LIT	HRP	Month 5	Decrease	USD	303	275	275	250
LIT	Non-HRP	Month 6	Decrease	USD	350	350	325	325
LIT	HRP	Month 6	Decrease	USD	385	350	358	325
LIT	Non-HRP	Month 7	Decrease	USD	425	425	400	400
LIT	HRP	Month 7	Decrease	USD	468	425	440	400
LIT	Non-HRP	Month 8	Decrease	USD	525	525	500	500
LIT	HRP	Month 8	Decrease	USD	578	525	550	500
LIT	Non-HRP	Month 9	Decrease	USD	650	650	600	600
LIT	HRP	Month 9	Decrease	USD	715	650	660	600
30-YEAR 6.5% COUPON UMBS TBA (65U)								
65U	Non-HRP		New	USD			3,200	3,200
65U	HRP		New	USD			3,520	3,200
30-YEAR ERIS SOFR SWAP FUTURES (YIE)								
YIE	Non-HRP		Decrease	USD	5,000	5,000	4,500	4,500
YIE	HRP		Decrease	USD	5,500	5,000	4,950	4,500

SPAN MINIMUM PERFORMANCE BOND REQUIREMENTS

CC	Rate Type	Description	Change	ISO	Current Initial	Current Maintenance	New Initial	New Maintenance
Outright Rates								
30-YEAR ERIS SWAP FUTURES (LIE)								
LIE	Non-HRP	Months 1-5	Decrease	USD	4,000	4,000	3,500	3,500
LIE	HRP	Months 1-5	Decrease	USD	4,400	4,000	3,850	3,500
LIE	Non-HRP	Months 6-20	Decrease	USD	4,600	4,600	4,000	4,000
LIE	HRP	Months 6-20	Decrease	USD	5,060	4,600	4,400	4,000
LIE	Non-HRP	Months 21+	Decrease	USD	5,000	5,000	4,500	4,500
LIE	HRP	Months 21+	Decrease	USD	5,500	5,000	4,950	4,500
3-YEAR ERIS SOFR SWAP FUTURES (YIC)								
YIC	Non-HRP	Month 3	Decrease	USD	150	150	125	125
YIC	HRP	Month 3	Decrease	USD	165	150	138	125
YIC	Non-HRP	Month 4	Decrease	USD	200	200	175	175
YIC	HRP	Month 4	Decrease	USD	220	200	193	175
YIC	Non-HRP	Month 5	Decrease	USD	275	275	250	250
YIC	HRP	Month 5	Decrease	USD	303	275	275	250
YIC	Non-HRP	Month 6	Decrease	USD	350	350	325	325
YIC	HRP	Month 6	Decrease	USD	385	350	358	325
YIC	Non-HRP	Month 7	Decrease	USD	425	425	400	400
YIC	HRP	Month 7	Decrease	USD	468	425	440	400
YIC	Non-HRP	Month 8	Decrease	USD	525	525	500	500
YIC	HRP	Month 8	Decrease	USD	578	525	550	500
YIC	Non-HRP	Month 9	Decrease	USD	650	650	600	600
YIC	HRP	Month 9	Decrease	USD	715	650	660	600
YIC	Non-HRP	Month 10	Decrease	USD	700	700	650	650
YIC	HRP	Month 10	Decrease	USD	770	700	715	650
YIC	Non-HRP	Month 11	Decrease	USD	750	750	700	700
YIC	HRP	Month 11	Decrease	USD	825	750	770	700
YIC	Non-HRP	Month 12	Decrease	USD	850	850	800	800
YIC	HRP	Month 12	Decrease	USD	935	850	880	800
YIC	Non-HRP	Month 13	Decrease	USD	950	950	900	900
YIC	HRP	Month 13	Decrease	USD	1,045	950	990	900

SPAN MINIMUM PERFORMANCE BOND REQUIREMENTS

CC	Rate Type	Description	Change	ISO	Current Initial	Current Maintenance	New Initial	New Maintenance
Outright Rates								
3-YEAR ERIS SWAP FUTURES (LIC)								
LIC	Non-HRP	Months 3	Decrease	USD	150	150	125	125
LIC	HRP	Months 3	Decrease	USD	165	150	138	125
LIC	Non-HRP	Months 4	Decrease	USD	200	200	175	175
LIC	HRP	Months 4	Decrease	USD	220	200	193	175
LIC	Non-HRP	Months 5	Decrease	USD	275	275	250	250
LIC	HRP	Months 5	Decrease	USD	303	275	275	250
LIC	Non-HRP	Months 6	Decrease	USD	350	350	325	325
LIC	HRP	Months 6	Decrease	USD	385	350	358	325
LIC	Non-HRP	Months 7	Decrease	USD	425	425	400	400
LIC	HRP	Months 7	Decrease	USD	468	425	440	400
LIC	Non-HRP	Months 8	Decrease	USD	525	525	500	500
LIC	HRP	Months 8	Decrease	USD	578	525	550	500
LIC	Non-HRP	Months 9	Decrease	USD	650	650	600	600
LIC	HRP	Months 9	Decrease	USD	715	650	660	600
LIC	Non-HRP	Months 10	Decrease	USD	700	700	650	650
LIC	HRP	Months 10	Decrease	USD	770	700	715	650
LIC	Non-HRP	Months 11	Decrease	USD	750	750	700	700
LIC	HRP	Months 11	Decrease	USD	825	750	770	700
LIC	Non-HRP	Months 12	Decrease	USD	850	850	800	800
LIC	HRP	Months 12	Decrease	USD	935	850	880	800
LIC	Non-HRP	Months 13	Decrease	USD	950	950	900	900
LIC	HRP	Months 13	Decrease	USD	1,045	950	990	900

SPAN MINIMUM PERFORMANCE BOND REQUIREMENTS

CC	Rate Type	Description	Change	ISO	Current Initial	Current Maintenance	New Initial	New Maintenance
Outright Rates								
4-YEAR ERIS SOFR SWAP FUTURES (YID)								
YID	Non-HRP	Month 2	Decrease	USD	80	80	70	70
YID	HRP	Month 2	Decrease	USD	88	80	77	70
YID	Non-HRP	Month 3	Decrease	USD	175	175	150	150
YID	HRP	Month 3	Decrease	USD	193	175	165	150
YID	Non-HRP	Month 4	Decrease	USD	225	225	200	200
YID	HRP	Month 4	Decrease	USD	248	225	220	200
YID	Non-HRP	Month 5	Decrease	USD	300	300	275	275
YID	HRP	Month 5	Decrease	USD	330	300	303	275
YID	Non-HRP	Month 6	Decrease	USD	375	375	350	350
YID	HRP	Month 6	Decrease	USD	413	375	385	350
YID	Non-HRP	Month 7	Decrease	USD	450	450	425	425
YID	HRP	Month 7	Decrease	USD	495	450	468	425
YID	Non-HRP	Month 8	Decrease	USD	525	525	500	500
YID	HRP	Month 8	Decrease	USD	578	525	550	500
YID	Non-HRP	Month 9	Decrease	USD	600	600	575	575
YID	HRP	Month 9	Decrease	USD	660	600	633	575
YID	Non-HRP	Month 10	Decrease	USD	675	675	650	650
YID	HRP	Month 10	Decrease	USD	743	675	715	650
YID	Non-HRP	Month 11	Decrease	USD	750	750	725	725
YID	HRP	Month 11	Decrease	USD	825	750	798	725
YID	Non-HRP	Month 12	Decrease	USD	825	825	775	775
YID	HRP	Month 12	Decrease	USD	908	825	853	775
YID	Non-HRP	Month 13	Decrease	USD	900	900	850	850
YID	HRP	Month 13	Decrease	USD	990	900	935	850
YID	Non-HRP	Month 14	Decrease	USD	975	975	925	925
YID	HRP	Month 14	Decrease	USD	1,073	975	1,018	925
YID	Non-HRP	Month 15	Decrease	USD	1,050	1,050	1,000	1,000
YID	HRP	Month 15	Decrease	USD	1,155	1,050	1,100	1,000
YID	Non-HRP	Month 16	Decrease	USD	1,125	1,125	1,050	1,050
YID	HRP	Month 16	Decrease	USD	1,238	1,125	1,155	1,050
YID	Non-HRP	Month 17	Decrease	USD	1,200	1,200	1,100	1,100
YID	HRP	Month 17	Decrease	USD	1,320	1,200	1,210	1,100
YID	Non-HRP	Month 18	Decrease	USD	1,250	1,250	1,175	1,175
YID	HRP	Month 18	Decrease	USD	1,375	1,250	1,293	1,175
YID	Non-HRP	Month 19+	Decrease	USD	1,250	1,250	1,175	1,175
YID	HRP	Month 19+	Decrease	USD	1,375	1,250	1,293	1,175

SPAN MINIMUM PERFORMANCE BOND REQUIREMENTS

CC	Rate Type	Description	Change	ISO	Current Initial	Current Maintenance	New Initial	New Maintenance
Outright Rates								
4-YEAR ERIS SWAP FUTURES (LID)								
LID	Non-HRP	Month 2	Decrease	USD	80	80	70	70
LID	HRP	Month 2	Decrease	USD	88	80	77	70
LID	Non-HRP	Month 3	Decrease	USD	175	175	150	150
LID	HRP	Month 3	Decrease	USD	193	175	165	150
LID	Non-HRP	Month 4	Decrease	USD	225	225	200	200
LID	HRP	Month 4	Decrease	USD	248	225	220	200
LID	Non-HRP	Month 5	Decrease	USD	300	300	275	275
LID	HRP	Month 5	Decrease	USD	330	300	303	275
LID	Non-HRP	Month 6	Decrease	USD	375	375	350	350
LID	HRP	Month 6	Decrease	USD	413	375	385	350
LID	Non-HRP	Month 7	Decrease	USD	450	450	425	425
LID	HRP	Month 7	Decrease	USD	495	450	468	425
LID	Non-HRP	Month 8	Decrease	USD	525	525	500	500
LID	HRP	Month 8	Decrease	USD	578	525	550	500
LID	Non-HRP	Month 9	Decrease	USD	600	600	575	575
LID	HRP	Month 9	Decrease	USD	660	600	633	575
LID	Non-HRP	Month 10	Decrease	USD	675	675	650	650
LID	HRP	Month 10	Decrease	USD	743	675	715	650
LID	Non-HRP	Month 11	Decrease	USD	750	750	725	725
LID	HRP	Month 11	Decrease	USD	825	750	798	725
LID	Non-HRP	Month 12	Decrease	USD	825	825	775	775
LID	HRP	Month 12	Decrease	USD	908	825	853	775
LID	Non-HRP	Month 13	Decrease	USD	900	900	850	850
LID	HRP	Month 13	Decrease	USD	990	900	935	850
LID	Non-HRP	Month 14	Decrease	USD	975	975	925	925
LID	HRP	Month 14	Decrease	USD	1,073	975	1,018	925
LID	Non-HRP	Month 15	Decrease	USD	1,050	1,050	1,000	1,000
LID	HRP	Month 15	Decrease	USD	1,155	1,050	1,100	1,000
LID	Non-HRP	Month 16	Decrease	USD	1,125	1,125	1,050	1,050
LID	HRP	Month 16	Decrease	USD	1,238	1,125	1,155	1,050
LID	Non-HRP	Month 17	Decrease	USD	1,200	1,200	1,100	1,100
LID	HRP	Month 17	Decrease	USD	1,320	1,200	1,210	1,100
LID	Non-HRP	Month 18	Decrease	USD	1,250	1,250	1,175	1,175
LID	HRP	Month 18	Decrease	USD	1,375	1,250	1,293	1,175
LID	Non-HRP	Month 19+	Decrease	USD	1,250	1,250	1,175	1,175
LID	HRP	Month 19+	Decrease	USD	1,375	1,250	1,293	1,175

SPAN MINIMUM PERFORMANCE BOND REQUIREMENTS

CC	Rate Type	Description	Change	ISO	Current Initial	Current Maintenance	New Initial	New Maintenance
Outright Rates								
5-YEAR ERIS SOFR SWAP FUTURES (YIW)								
YIW	Non-HRP	Month 3	Decrease	USD	175	175	150	150
YIW	HRP	Month 3	Decrease	USD	193	175	165	150
YIW	Non-HRP	Month 4	Decrease	USD	225	225	200	200
YIW	HRP	Month 4	Decrease	USD	248	225	220	200
YIW	Non-HRP	Month 5	Decrease	USD	300	300	275	275
YIW	HRP	Month 5	Decrease	USD	330	300	303	275
YIW	Non-HRP	Month 6	Decrease	USD	375	375	350	350
YIW	HRP	Month 6	Decrease	USD	413	375	385	350
YIW	Non-HRP	Month 7	Decrease	USD	450	450	425	425
YIW	HRP	Month 7	Decrease	USD	495	450	468	425
YIW	Non-HRP	Month 8	Decrease	USD	525	525	500	500
YIW	HRP	Month 8	Decrease	USD	578	525	550	500
YIW	Non-HRP	Month 9	Decrease	USD	625	625	600	600
YIW	HRP	Month 9	Decrease	USD	688	625	660	600
YIW	Non-HRP	Month 10	Decrease	USD	700	700	650	650
YIW	HRP	Month 10	Decrease	USD	770	700	715	650
YIW	Non-HRP	Month 11	Decrease	USD	750	750	700	700
YIW	HRP	Month 11	Decrease	USD	825	750	770	700
YIW	Non-HRP	Month 12	Decrease	USD	825	825	800	800
YIW	HRP	Month 12	Decrease	USD	908	825	880	800
YIW	Non-HRP	Month 13	Decrease	USD	900	900	850	850
YIW	HRP	Month 13	Decrease	USD	990	900	935	850
YIW	Non-HRP	Month 14	Decrease	USD	975	975	925	925
YIW	HRP	Month 14	Decrease	USD	1,073	975	1,018	925
YIW	Non-HRP	Month 15	Decrease	USD	1,050	1,050	1,000	1,000
YIW	HRP	Month 15	Decrease	USD	1,155	1,050	1,100	1,000
YIW	Non-HRP	Month 16	Decrease	USD	1,125	1,125	1,075	1,075
YIW	HRP	Month 16	Decrease	USD	1,238	1,125	1,183	1,075
YIW	Non-HRP	Month 17	Decrease	USD	1,200	1,200	1,150	1,150
YIW	HRP	Month 17	Decrease	USD	1,320	1,200	1,265	1,150
YIW	Non-HRP	Month 18	Decrease	USD	1,275	1,275	1,225	1,225
YIW	HRP	Month 18	Decrease	USD	1,403	1,275	1,348	1,225
YIW	Non-HRP	Month 19	Decrease	USD	1,350	1,350	1,300	1,300
YIW	HRP	Month 19	Decrease	USD	1,485	1,350	1,430	1,300
YIW	Non-HRP	Month 20	Decrease	USD	1,425	1,425	1,375	1,375
YIW	HRP	Month 20	Decrease	USD	1,568	1,425	1,513	1,375
YIW	Non-HRP	Month 21	Decrease	USD	1,500	1,500	1,450	1,450
YIW	HRP	Month 21	Decrease	USD	1,650	1,500	1,595	1,450

SPAN MINIMUM PERFORMANCE BOND REQUIREMENTS

CC	Rate Type	Description	Change	ISO	Current Initial	Current Maintenance	New Initial	New Maintenance
Outright Rates								
5-YEAR ERIS SWAP FUTURES (LIW)								
LIW	Non-HRP	Month 3	Decrease	USD	175	175	150	150
LIW	HRP	Month 3	Decrease	USD	193	175	165	150
LIW	Non-HRP	Month 4	Decrease	USD	225	225	200	200
LIW	HRP	Month 4	Decrease	USD	248	225	220	200
LIW	Non-HRP	Month 5	Decrease	USD	300	300	275	275
LIW	HRP	Month 5	Decrease	USD	330	300	303	275
LIW	Non-HRP	Month 6	Decrease	USD	375	375	350	350
LIW	HRP	Month 6	Decrease	USD	413	375	385	350
LIW	Non-HRP	Month 7	Decrease	USD	450	450	425	425
LIW	HRP	Month 7	Decrease	USD	495	450	468	425
LIW	Non-HRP	Month 8	Decrease	USD	525	525	500	500
LIW	HRP	Month 8	Decrease	USD	578	525	550	500
LIW	Non-HRP	Month 9	Decrease	USD	625	625	600	600
LIW	HRP	Month 9	Decrease	USD	688	625	660	600
LIW	Non-HRP	Month 10	Decrease	USD	700	700	650	650
LIW	HRP	Month 10	Decrease	USD	770	700	715	650
LIW	Non-HRP	Month 11	Decrease	USD	750	750	700	700
LIW	HRP	Month 11	Decrease	USD	825	750	770	700
LIW	Non-HRP	Month 12	Decrease	USD	825	825	800	800
LIW	HRP	Month 12	Decrease	USD	908	825	880	800
LIW	Non-HRP	Month 13	Decrease	USD	900	900	850	850
LIW	HRP	Month 13	Decrease	USD	990	900	935	850
LIW	Non-HRP	Month 14	Decrease	USD	975	975	925	925
LIW	HRP	Month 14	Decrease	USD	1,073	975	1,018	925
LIW	Non-HRP	Month 15	Decrease	USD	1,050	1,050	1,000	1,000
LIW	HRP	Month 15	Decrease	USD	1,155	1,050	1,100	1,000
LIW	Non-HRP	Month 16	Decrease	USD	1,125	1,125	1,075	1,075
LIW	HRP	Month 16	Decrease	USD	1,238	1,125	1,183	1,075
LIW	Non-HRP	Month 17	Decrease	USD	1,200	1,200	1,150	1,150
LIW	HRP	Month 17	Decrease	USD	1,320	1,200	1,265	1,150
LIW	Non-HRP	Month 18	Decrease	USD	1,275	1,275	1,225	1,225
LIW	HRP	Month 18	Decrease	USD	1,403	1,275	1,348	1,225
LIW	Non-HRP	Month 19	Decrease	USD	1,350	1,350	1,300	1,300
LIW	HRP	Month 19	Decrease	USD	1,485	1,350	1,430	1,300
LIW	Non-HRP	Month 20	Decrease	USD	1,425	1,425	1,375	1,375
LIW	HRP	Month 20	Decrease	USD	1,568	1,425	1,513	1,375
LIW	Non-HRP	Month 21	Decrease	USD	1,500	1,500	1,450	1,450
LIW	HRP	Month 21	Decrease	USD	1,650	1,500	1,595	1,450

SPAN MINIMUM PERFORMANCE BOND REQUIREMENTS

CC	Rate Type	Description	Change	ISO	Current Initial	Current Maintenance	New Initial	New Maintenance
Outright Rates								
7-YEAR ERIS SOFR SWAP FUTURES (YIB)								
YIB	Non-HRP	Month 9	Decrease	USD	650	650	600	600
YIB	HRP	Month 9	Decrease	USD	715	650	660	600
YIB	Non-HRP	Month 10	Decrease	USD	725	725	675	675
YIB	HRP	Month 10	Decrease	USD	798	725	743	675
YIB	Non-HRP	Month 11	Decrease	USD	800	800	750	750
YIB	HRP	Month 11	Decrease	USD	880	800	825	750
YIB	Non-HRP	Month 12	Decrease	USD	875	875	825	825
YIB	HRP	Month 12	Decrease	USD	963	875	908	825
YIB	Non-HRP	Month 13	Decrease	USD	950	950	900	900
YIB	HRP	Month 13	Decrease	USD	1,045	950	990	900
YIB	Non-HRP	Month 14	Decrease	USD	1,025	1,025	975	975
YIB	HRP	Month 14	Decrease	USD	1,128	1,025	1,073	975
YIB	Non-HRP	Month 15	Decrease	USD	1,100	1,100	1,050	1,050
YIB	HRP	Month 15	Decrease	USD	1,210	1,100	1,155	1,050
YIB	Non-HRP	Month 16	Decrease	USD	1,175	1,175	1,100	1,100
YIB	HRP	Month 16	Decrease	USD	1,293	1,175	1,210	1,100
YIB	Non-HRP	Month 17	Decrease	USD	1,250	1,250	1,150	1,150
YIB	HRP	Month 17	Decrease	USD	1,375	1,250	1,265	1,150
YIB	Non-HRP	Month 18	Decrease	USD	1,300	1,300	1,200	1,200
YIB	HRP	Month 18	Decrease	USD	1,430	1,300	1,320	1,200
YIB	Non-HRP	Month 19	Decrease	USD	1,350	1,350	1,250	1,250
YIB	HRP	Month 19	Decrease	USD	1,485	1,350	1,375	1,250
YIB	Non-HRP	Month 20	Decrease	USD	1,400	1,400	1,300	1,300
YIB	HRP	Month 20	Decrease	USD	1,540	1,400	1,430	1,300
YIB	Non-HRP	Month 21	Decrease	USD	1,450	1,450	1,350	1,350
YIB	HRP	Month 21	Decrease	USD	1,595	1,450	1,485	1,350
YIB	Non-HRP	Month 22	Decrease	USD	1,500	1,500	1,400	1,400
YIB	HRP	Month 22	Decrease	USD	1,650	1,500	1,540	1,400
YIB	Non-HRP	Month 23	Decrease	USD	1,550	1,550	1,450	1,450
YIB	HRP	Month 23	Decrease	USD	1,705	1,550	1,595	1,450
YIB	Non-HRP	Month 24	Decrease	USD	1,600	1,600	1,500	1,500
YIB	HRP	Month 24	Decrease	USD	1,760	1,600	1,650	1,500
YIB	Non-HRP	Month 25	Decrease	USD	1,650	1,650	1,550	1,550
YIB	HRP	Month 25	Decrease	USD	1,815	1,650	1,705	1,550
YIB	Non-HRP	Month 26	Decrease	USD	1,700	1,700	1,600	1,600
YIB	HRP	Month 26	Decrease	USD	1,870	1,700	1,760	1,600
YIB	Non-HRP	Month 27	Decrease	USD	1,750	1,750	1,650	1,650
YIB	HRP	Month 27	Decrease	USD	1,925	1,750	1,815	1,650
YIB	Non-HRP	Month 28	Decrease	USD	1,800	1,800	1,700	1,700

SPAN MINIMUM PERFORMANCE BOND REQUIREMENTS

CC	Rate Type	Description	Change	ISO	Current Initial	Current Maintenance	New Initial	New Maintenance
Outright Rates								
YIB	HRP	Month 28	Decrease	USD	1,980	1,800	1,870	1,700
YIB	Non-HRP	Month 29	Decrease	USD	1,850	1,850	1,750	1,750
YIB	HRP	Month 29	Decrease	USD	2,035	1,850	1,925	1,750
YIB	Non-HRP	Month 30	Decrease	USD	1,850	1,850	1,750	1,750
YIB	HRP	Month 30	Decrease	USD	2,035	1,850	1,925	1,750
YIB	Non-HRP	Month 31	Decrease	USD	1,850	1,850	1,750	1,750
YIB	HRP	Month 31	Decrease	USD	2,035	1,850	1,925	1,750

SPAN MINIMUM PERFORMANCE BOND REQUIREMENTS

CC	Rate Type	Description	Change	ISO	Current Initial	Current Maintenance	New Initial	New Maintenance
Outright Rates								
7-YEAR ERIS SWAP FUTURES (LIB)								
LIB	Non-HRP	Month 9	Decrease	USD	650	650	600	600
LIB	HRP	Month 9	Decrease	USD	715	650	660	600
LIB	Non-HRP	Month 10	Decrease	USD	725	725	675	675
LIB	HRP	Month 10	Decrease	USD	798	725	743	675
LIB	Non-HRP	Month 11	Decrease	USD	800	800	750	750
LIB	HRP	Month 11	Decrease	USD	880	800	825	750
LIB	Non-HRP	Month 12	Decrease	USD	875	875	825	825
LIB	HRP	Month 12	Decrease	USD	963	875	908	825
LIB	Non-HRP	Month 13	Decrease	USD	950	950	900	900
LIB	HRP	Month 13	Decrease	USD	1,045	950	990	900
LIB	Non-HRP	Month 14	Decrease	USD	1,025	1,025	975	975
LIB	HRP	Month 14	Decrease	USD	1,128	1,025	1,073	975
LIB	Non-HRP	Month 15	Decrease	USD	1,100	1,100	1,050	1,050
LIB	HRP	Month 15	Decrease	USD	1,210	1,100	1,155	1,050
LIB	Non-HRP	Month 16	Decrease	USD	1,175	1,175	1,100	1,100
LIB	HRP	Month 16	Decrease	USD	1,293	1,175	1,210	1,100
LIB	Non-HRP	Month 17	Decrease	USD	1,250	1,250	1,150	1,150
LIB	HRP	Month 17	Decrease	USD	1,375	1,250	1,265	1,150
LIB	Non-HRP	Month 18	Decrease	USD	1,300	1,300	1,200	1,200
LIB	HRP	Month 18	Decrease	USD	1,430	1,300	1,320	1,200
LIB	Non-HRP	Month 19	Decrease	USD	1,350	1,350	1,250	1,250
LIB	HRP	Month 19	Decrease	USD	1,485	1,350	1,375	1,250
LIB	Non-HRP	Month 20	Decrease	USD	1,400	1,400	1,300	1,300
LIB	HRP	Month 20	Decrease	USD	1,540	1,400	1,430	1,300
LIB	Non-HRP	Month 21	Decrease	USD	1,450	1,450	1,350	1,350
LIB	HRP	Month 21	Decrease	USD	1,595	1,450	1,485	1,350
LIB	Non-HRP	Month 22	Decrease	USD	1,500	1,500	1,400	1,400
LIB	HRP	Month 22	Decrease	USD	1,650	1,500	1,540	1,400
LIB	Non-HRP	Month 23	Decrease	USD	1,550	1,550	1,450	1,450
LIB	HRP	Month 23	Decrease	USD	1,705	1,550	1,595	1,450
LIB	Non-HRP	Month 24	Decrease	USD	1,600	1,600	1,500	1,500
LIB	HRP	Month 24	Decrease	USD	1,760	1,600	1,650	1,500
LIB	Non-HRP	Month 25	Decrease	USD	1,650	1,650	1,550	1,550
LIB	HRP	Month 25	Decrease	USD	1,815	1,650	1,705	1,550
LIB	Non-HRP	Month 26	Decrease	USD	1,700	1,700	1,600	1,600
LIB	HRP	Month 26	Decrease	USD	1,870	1,700	1,760	1,600
LIB	Non-HRP	Month 27	Decrease	USD	1,750	1,750	1,650	1,650
LIB	HRP	Month 27	Decrease	USD	1,925	1,750	1,815	1,650
LIB	Non-HRP	Month 28	Decrease	USD	1,800	1,800	1,700	1,700

SPAN MINIMUM PERFORMANCE BOND REQUIREMENTS

CC	Rate Type	Description	Change	ISO	Current Initial	Current Maintenance	New Initial	New Maintenance
Outright Rates								
LIB	HRP	Month 28	Decrease	USD	1,980	1,800	1,870	1,700
LIB	Non-HRP	Month 29	Decrease	USD	1,850	1,850	1,750	1,750
LIB	HRP	Month 29	Decrease	USD	2,035	1,850	1,925	1,750

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	Non-HRP	Month(s) 01	Decrease	USD	4,500	4,500	3,500	3,500
ALA	HRP	Month(s) 01	Decrease	USD	4,950	4,500	3,850	3,500
ALA	Non-HRP	Month(s) 02	Decrease	USD	4,500	4,500	3,500	3,500
ALA	HRP	Month(s) 02	Decrease	USD	4,950	4,500	3,850	3,500
ALA	Non-HRP	Month(s) 03+	Decrease	USD	4,500	4,500	3,500	3,500
ALA	HRP	Month(s) 03+	Decrease	USD	4,950	4,500	3,850	3,500
ALUMINIUM EURO PREM DUTY-PAID FUT (EDP)								
EDP	Non-HRP	Month(s) 01	Decrease	USD	700	700	600	600
EDP	HRP	Month(s) 01	Decrease	USD	770	700	660	600
EDP	Non-HRP	Month(s) 02	Decrease	USD	1,400	1,400	1,200	1,200
EDP	HRP	Month(s) 02	Decrease	USD	1,540	1,400	1,320	1,200
EDP	Non-HRP	Month(s) 03-09	Decrease	USD	1,400	1,400	1,200	1,200
EDP	HRP	Month(s) 03-09	Decrease	USD	1,540	1,400	1,320	1,200
EDP	Non-HRP	Month(s) 10+	Decrease	USD	1,400	1,400	1,200	1,200
EDP	HRP	Month(s) 10+	Decrease	USD	1,540	1,400	1,320	1,200
ALUMINIUM EURO PREM METAL BULLETIN (AEP)								
AEP	Non-HRP	Month(s) 01	Decrease	USD	700	700	500	500
AEP	HRP	Month(s) 01	Decrease	USD	770	700	550	500
AEP	Non-HRP	Month(s) 03-09	Decrease	USD	1,200	1,200	1,000	1,000
AEP	HRP	Month(s) 03-09	Decrease	USD	1,320	1,200	1,100	1,000
AEP	Non-HRP	Month(s) 10+	Decrease	USD	1,500	1,500	1,200	1,200
AEP	HRP	Month(s) 10+	Decrease	USD	1,650	1,500	1,320	1,200
ALUMINUM JAPAN PREMIUM (PLATTS) FUT (MJP)								
MJP	Non-HRP	Mths 01	Decrease	USD	350	350	300	300
MJP	HRP	Mths 01	Decrease	USD	385	350	330	300
MJP	Non-HRP	Mths 02-03	Decrease	USD	350	350	300	300
MJP	HRP	Mths 02-03	Decrease	USD	385	350	330	300
MJP	Non-HRP	Mths 04-09	Decrease	USD	350	350	300	300
MJP	HRP	Mths 04-09	Decrease	USD	385	350	330	300
MJP	Non-HRP	Mths 10+	Decrease	USD	350	350	300	300
MJP	HRP	Mths 10+	Decrease	USD	385	350	330	300

SPAN MINIMUM PERFORMANCE BOND REQUIREMENTS

CC	Rate Type	Description	Change	ISO	Current Initial	Current Maintenance	New Initial	New Maintenance
Outright Rates								
ALUMINUM MW TRANS PREM PLATTS FUT (AUP)								
AUP	Non-HRP	Mth 1	Decrease	USD	1,700	1,700	1,500	1,500
AUP	HRP	Mth 1	Decrease	USD	1,870	1,700	1,650	1,500
AUP	Non-HRP	Mths 2-12	Decrease	USD	1,500	1,500	1,200	1,200
AUP	HRP	Mths 2-12	Decrease	USD	1,650	1,500	1,320	1,200
AUP	Non-HRP	Mths 13-21	Decrease	USD	1,400	1,400	1,200	1,200
AUP	HRP	Mths 13-21	Decrease	USD	1,540	1,400	1,320	1,200
LITHIUM HYDROXIDE (FASTMARKETS) FUT (LTH)								
LTH	Non-HRP	Mth 1	Decrease	USD	5,000	5,000	4,500	4,500
LTH	HRP	Mth 1	Decrease	USD	5,500	5,000	4,950	4,500
LTH	Non-HRP	Mths 2-3	Decrease	USD	6,000	6,000	5,500	5,500
LTH	HRP	Mths 2-3	Decrease	USD	6,600	6,000	6,050	5,500
LTH	Non-HRP	Mths 4-6	Decrease	USD	6,000	6,000	5,500	5,500
LTH	HRP	Mths 4-6	Decrease	USD	6,600	6,000	6,050	5,500
LTH	Non-HRP	Mths 7+	Decrease	USD	6,000	6,000	5,500	5,500
LTH	HRP	Mths 7+	Decrease	USD	6,600	6,000	6,050	5,500
MICRO PALLADIUM FUTURES (PAM)								
PAM	Non-HRP	Mnth 1	Decrease	USD	2,100	2,100	1,800	1,800
PAM	HRP	Mnth 1	Decrease	USD	2,310	2,100	1,980	1,800
PAM	Non-HRP	Mnth 2	Decrease	USD	2,050	2,050	1,750	1,750
PAM	HRP	Mnth 2	Decrease	USD	2,255	2,050	1,925	1,750
PAM	Non-HRP	Mnth 3	Decrease	USD	2,000	2,000	1,700	1,700
PAM	HRP	Mnth 3	Decrease	USD	2,200	2,000	1,870	1,700
PAM	Non-HRP	Mnth 4+	Decrease	USD	2,000	2,000	1,700	1,700
PAM	HRP	Mnth 4+	Decrease	USD	2,200	2,000	1,870	1,700
PALLADIUM FUTURES NYMEX (PA)								
PA	Non-HRP	Mnth 1	Decrease	USD	21,000	21,000	18,000	18,000
PA	HRP	Mnth 1	Decrease	USD	23,100	21,000	19,800	18,000
PA	Non-HRP	Mnth 2	Decrease	USD	20,500	20,500	17,500	17,500
PA	HRP	Mnth 2	Decrease	USD	22,550	20,500	19,250	17,500
PA	Non-HRP	Mnth 3	Decrease	USD	20,000	20,000	17,000	17,000
PA	HRP	Mnth 3	Decrease	USD	22,000	20,000	18,700	17,000
PA	Non-HRP	Mnth 4+	Decrease	USD	20,000	20,000	17,000	17,000
PA	HRP	Mnth 4+	Decrease	USD	22,000	20,000	18,700	17,000

SPAN MINIMUM PERFORMANCE BOND REQUIREMENTS

CC	Rate Type	Description	Change	ISO	Current Initial	Current Maintenance	New Initial	New Maintenance
Outright Rates								
PALLADIUM TAS (PAT)								
PAT	Non-HRP	Mnth 1	Decrease	USD	21,000	21,000	18,000	18,000
PAT	HRP	Mnth 1	Decrease	USD	23,100	21,000	19,800	18,000
PAT	Non-HRP	Mnth 2	Decrease	USD	20,500	20,500	17,500	17,500
PAT	HRP	Mnth 2	Decrease	USD	22,550	20,500	19,250	17,500
PAT	Non-HRP	Mnth 3	Decrease	USD	20,000	20,000	17,000	17,000
PAT	HRP	Mnth 3	Decrease	USD	22,000	20,000	18,700	17,000
PAT	Non-HRP	Mnth 4+	Decrease	USD	20,000	20,000	17,000	17,000
PAT	HRP	Mnth 4+	Decrease	USD	22,000	20,000	18,700	17,000
UXC URANIUM U3O8 FUTURES (UX)								
UX	Non-HRP		Decrease	USD	1,500	1,500	1,200	1,200
UX	HRP		Decrease	USD	1,650	1,500	1,320	1,200

SPAN MINIMUM PERFORMANCE BOND REQUIREMENTS

CC	Rate Type	Description	Change	ISO	Current Initial	Current Maintenance	New Initial	New Maintenance
Outright Rates								
NATURAL GAS - Outright Rates								
LNG JAPAN KOREA MARKER PLATTS FUT (JKM)								
JKM	Non-HRP	Month 1	Decrease	USD	80,000	80,000	41,000	41,000
JKM	HRP	Month 1	Decrease	USD	88,000	80,000	45,100	41,000
JKM	Non-HRP	Month 2	Decrease	USD	75,000	75,000	40,000	40,000
JKM	HRP	Month 2	Decrease	USD	82,500	75,000	44,000	40,000
JKM	Non-HRP	Month 3	Decrease	USD	70,000	70,000	38,000	38,000
JKM	HRP	Month 3	Decrease	USD	77,000	70,000	41,800	38,000
JKM	Non-HRP	Mnths 4-8	Decrease	USD	75,000	75,000	40,000	40,000
JKM	HRP	Mnths 4-8	Decrease	USD	82,500	75,000	44,000	40,000
JKM	Non-HRP	Mnths 9-14	Decrease	USD	73,000	73,000	38,000	38,000
JKM	HRP	Mnths 9-14	Decrease	USD	80,300	73,000	41,800	38,000
JKM	Non-HRP	Mnths 21+	Decrease	USD	70,000	70,000	35,000	35,000
JKM	HRP	Mnths 21+	Decrease	USD	77,000	70,000	38,500	35,000
JKM	Non-HRP	Months 15-20	Decrease	USD	74,000	74,000	37,000	37,000
JKM	HRP	Months 15-20	Decrease	USD	81,400	74,000	40,700	37,000
LNG JAPAN KOREA MRK YEN FUT (JKY)								
JKY	Non-HRP	Month 1	Decrease	JPY		10,280,000	5,550,000	5,550,000
JKY	HRP	Month 1	Decrease	JPY		10,280,000	6,105,000	5,550,000
JKY	Non-HRP	Month 2	Decrease	JPY	9,700,000	9,700,000	5,400,000	5,400,000
JKY	HRP	Month 2	Decrease	JPY		9,700,000	5,940,000	5,400,000
JKY	Non-HRP	Month 3	Decrease	JPY	9,000,000	9,000,000	5,130,000	5,130,000
JKY	HRP	Month 3	Decrease	JPY	9,900,000	9,000,000	5,643,000	5,130,000
JKY	Non-HRP	Mnths 4-8	Decrease	JPY	9,600,000	9,600,000	5,400,000	5,400,000
JKY	HRP	Mnths 4-8	Decrease	JPY		9,600,000	5,940,000	5,400,000
JKY	Non-HRP	Mnths 9-14	Decrease	JPY	9,200,000	9,200,000	5,130,000	5,130,000
JKY	HRP	Mnths 9-14	Decrease	JPY		9,200,000	5,643,000	5,130,000
JKY	Non-HRP	Mnths 15-20	Decrease	JPY	9,600,000	9,600,000	5,000,000	5,000,000
JKY	HRP	Mnths 15-20	Decrease	JPY		9,600,000	5,500,000	5,000,000
JKY	Non-HRP	Mnths 21+	Decrease	JPY	9,100,000	9,100,000	4,725,000	4,725,000
JKY	HRP	Mnths 21+	Decrease	JPY		9,100,000	5,197,500	4,725,000

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								
EURO 3.5% FUEL OIL SPREAD (FK)								
FK	Non-HRP	Mnth 2-3	Decrease	USD	16,000	16,000	13,000	13,000
FK	HRP	Mnth 2-3	Decrease	USD	17,600	16,000	14,300	13,000
FK	Non-HRP	Mnths 4-11	Decrease	USD	10,500	10,500	8,000	8,000
FK	HRP	Mnths 4-11	Decrease	USD	11,550	10,500	8,800	8,000
SINGAPORE GASOIL VS ICE (GA)								
GA	Non-HRP	Mnths 7+	Decrease	USD	1,350	1,350	1,100	1,100
GA	HRP	Mnths 7+	Decrease	USD	1,485	1,350	1,210	1,100

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					
121 SYNT JAPAN C&F NAPHTHA FUT (121)								
121	Non-HRP	Mnth 1	Decrease	USD	5,100	5,100	4,700	4,700
121	HRP	Mnth 1	Decrease	USD	5,610	5,100	5,170	4,700
121	Non-HRP	Mnths 2-6	Decrease	USD	5,000	5,000	4,600	4,600
121	HRP	Mnths 2-6	Decrease	USD	5,500	5,000	5,060	4,600
121	Non-HRP	Mnths 7+	Decrease	USD	4,100	4,100	3,700	3,700
121	HRP	Mnths 7+	Decrease	USD	4,510	4,100	4,070	3,700
EUROPE 3.5% FUEL OIL RDAM CALFUT (UV)								
UV	Non-HRP	Mths 1	Decrease	USD	41,000	41,000	36,000	36,000
UV	HRP	Mths 1	Decrease	USD	45,100	41,000	39,600	36,000
UV	Non-HRP	Mnths 2	Decrease	USD	40,000	40,000	35,000	35,000
UV	HRP	Mnths 2	Decrease	USD	44,000	40,000	38,500	35,000
UV	Non-HRP	Mnths 3-10	Decrease	USD	38,000	38,000	33,000	33,000
UV	HRP	Mnths 3-10	Decrease	USD	41,800	38,000	36,300	33,000
GULF COAST ULSD CALENDAR FUT (LY)								
LY	Non-HRP	Mnth 1	Decrease	USD	12,000	12,000	11,000	11,000
LY	HRP	Mnth 1	Decrease	USD	13,200	12,000	12,100	11,000
LY	Non-HRP	Mnths 2-6	Decrease	USD	10,000	10,000	9,000	9,000
LY	HRP	Mnths 2-6	Decrease	USD	11,000	10,000	9,900	9,000
LY	Non-HRP	Mnths 7-12	Decrease	USD	7,500	7,500	6,500	6,500
LY	HRP	Mnths 7-12	Decrease	USD	8,250	7,500	7,150	6,500
LY	Non-HRP	Mnths 13+	Decrease	USD	6,250	6,250	5,250	5,250
LY	HRP	Mnths 13+	Decrease	USD	6,875	6,250	5,775	5,250
JAPAN C&F NAPHTHA FUT (JA)								
JA	Non-HRP	Mnth 1	Decrease	USD	51,000	51,000	47,000	47,000
JA	HRP	Mnth 1	Decrease	USD	56,100	51,000	51,700	47,000
JA	Non-HRP	Mnths 2-6	Decrease	USD	50,000	50,000	46,000	46,000
JA	HRP	Mnths 2-6	Decrease	USD	55,000	50,000	50,600	46,000
JA	Non-HRP	Mnths 7+	Decrease	USD	41,000	41,000	37,000	37,000
JA	HRP	Mnths 7+	Decrease	USD	45,100	41,000	40,700	37,000
MICRO EUROPEAN 3.5% FUEL OIL BARGES (MEF)								
MEF	Non-HRP	Mths 1	Decrease	USD	410	410	360	360
MEF	HRP	Mths 1	Decrease	USD	451	410	396	360
MEF	Non-HRP	Mnths 2	Decrease	USD	400	400	350	350
MEF	HRP	Mnths 2	Decrease	USD	440	400	385	350
MEF	Non-HRP	Mnths 3-10	Decrease	USD	380	380	330	330
MEF	HRP	Mnths 3-10	Decrease	USD	418	380	363	330

SPAN MINIMUM PERFORMANCE BOND REQUIREMENTS

CC	Rate Type	Description	Change	ISO	Current Initial	Current Maintenance	New Initial	New Maintenance
Outright Rates								
MIN JAPAN C&F NAPHTHA PLATTS FUT (MJN)								
MJN	Non-HRP	Mnth 1	Decrease	USD	5,100	5,100	4,700	4,700
MJN	HRP	Mnth 1	Decrease	USD	5,610	5,100	5,170	4,700
MJN	Non-HRP	Mnths 2-6	Decrease	USD	5,000	5,000	4,600	4,600
MJN	HRP	Mnths 2-6	Decrease	USD	5,500	5,000	5,060	4,600
MJN	Non-HRP	Mnths 7+	Decrease	USD	4,100	4,100	3,700	3,700
MJN	HRP	Mnths 7+	Decrease	USD	4,510	4,100	4,070	3,700
MINI EURO 3.5% FUEL OIL FOB RDM FUT (0D)								
0D	Non-HRP	Mths 1	Decrease	USD	4,100	4,100	3,600	3,600
0D	HRP	Mths 1	Decrease	USD	4,510	4,100	3,960	3,600
0D	Non-HRP	Mnths 2	Decrease	USD	4,000	4,000	3,500	3,500
0D	HRP	Mnths 2	Decrease	USD	4,400	4,000	3,850	3,500
0D	Non-HRP	Mnths 3-10	Decrease	USD	3,800	3,800	3,300	3,300
0D	HRP	Mnths 3-10	Decrease	USD	4,180	3,800	3,630	3,300
SYNT GULF COAST ULSD CALENDAR FU (SLY)								
SLY	Non-HRP	Mnth 1	Decrease	USD	12,000	12,000	11,000	11,000
SLY	HRP	Mnth 1	Decrease	USD	13,200	12,000	12,100	11,000
SLY	Non-HRP	Mnths 2-6	Decrease	USD	10,000	10,000	9,000	9,000
SLY	HRP	Mnths 2-6	Decrease	USD	11,000	10,000	9,900	9,000
SLY	Non-HRP	Mnths 7-12	Decrease	USD	7,500	7,500	6,500	6,500
SLY	HRP	Mnths 7-12	Decrease	USD	8,250	7,500	7,150	6,500
SLY	Non-HRP	Mnths 13+	Decrease	USD	6,250	6,250	5,250	5,250
SLY	HRP	Mnths 13+	Decrease	USD	6,875	6,250	5,775	5,250
SYNT JAPAN C&F NAPHTHA FUT (SJA)								
SJA	Non-HRP	Mnth 1	Decrease	USD	51,000	51,000	47,000	47,000
SJA	HRP	Mnth 1	Decrease	USD	56,100	51,000	51,700	47,000
SJA	Non-HRP	Mnths 2-6	Decrease	USD	50,000	50,000	46,000	46,000
SJA	HRP	Mnths 2-6	Decrease	USD	55,000	50,000	50,600	46,000
SJA	Non-HRP	Mnths 7+	Decrease	USD	41,000	41,000	37,000	37,000
SJA	HRP	Mnths 7+	Decrease	USD	45,100	41,000	40,700	37,000

SPAN MINIMUM PERFORMANCE BOND REQUIREMENTS

CC	Rate Type	Description	Change	ISO	Current Initial	Current Maintenance	New Initial	New Maintenance
Outright Rates								
SYNTH 111 GULF COAST ULSD CAL FUTUR (111)								
111	Non-HRP	Mnth 1	Decrease	USD	1,200	1,200	1,100	1,100
111	HRP	Mnth 1	Decrease	USD	1,320	1,200	1,210	1,100
111	Non-HRP	Mnths 2-6	Decrease	USD	1,000	1,000	900	900
111	HRP	Mnths 2-6	Decrease	USD	1,100	1,000	990	900
111	Non-HRP	Mnths 7-12	Decrease	USD	750	750	650	650
111	HRP	Mnths 7-12	Decrease	USD	825	750	715	650
111	Non-HRP	Mnths 13+	Decrease	USD	625	625	525	525
111	HRP	Mnths 13+	Decrease	USD	688	625	578	525

SPAN MINIMUM PERFORMANCE BOND REQUIREMENTS

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

SPAN MINIMUM PERFORMANCE BOND REQUIREMENTS

CC	Rate Type	Description	Change	ISO	Current Initial	Current Maintenance	New Initial	New Maintenance
Intra Spreads								
			CRUDE OIL - Intra Spreads					
LLS (Argus) Trade Month Swap - All Months (ARGUS LLS TRADE MONTH FUT)								
A4	Non-HRP		Decrease	USD	1,000	1,000	750	750
A4	HRP		Decrease	USD	1,100	1,000	825	750
Mnth 1 vs 2 (JAPAN CRUDE COCKTAIL (DETL) YEN FUT)								
JCY	Non-HRP		Increase	JPY	515,000	515,000	600,000	600,000
JCY	HRP		Increase	JPY	566,500	515,000	660,000	600,000
Mnth 1 vs 2 (WTI MIDLAND (ARGUS) TRADE MONTH FUT)								
WTI	Non-HRP		Decrease	USD	1,400	1,400	1,100	1,100
WTI	HRP		Decrease	USD	1,540	1,400	1,210	1,100
Mnth 1 vs 3-6 (WTI MIDLAND (ARGUS) TRADE MONTH FUT)								
WTI	Non-HRP		New	USD			1,125	1,125
WTI	HRP		New	USD			1,238	1,125
Mnth 1 vs 3-8 (JAPAN CRUDE COCKTAIL (DETL) YEN FUT)								
JCY	Non-HRP		Decrease	JPY	1,250,000	1,250,000	675,000	675,000
JCY	HRP		Decrease	JPY	1,375,000	1,250,000	742,500	675,000
Mnth 1 vs 7+ (WTI MIDLAND (ARGUS) TRADE MONTH FUT)								
WTI	Non-HRP		New	USD			1,150	1,150
WTI	HRP		New	USD			1,265	1,150
Mnth 1 vs 9+ (JAPAN CRUDE COCKTAIL (DETL) YEN FUT)								
JCY	Non-HRP		Decrease	JPY	640,000	640,000	510,000	510,000
JCY	HRP		Decrease	JPY	704,000	640,000	561,000	510,000
Mnth 1 vs Mnths 3-8 (JAPAN CRUDE COCKTAIL (DETAILED) FUT)								
JCC	Non-HRP		Decrease	USD	7,000	7,000	5,000	5,000
JCC	HRP		Decrease	USD	7,700	7,000	5,500	5,000
Mnth 1 vs Mths 9+ (JAPAN CRUDE COCKTAIL (DETAILED) FUT)								
JCC	Non-HRP		Decrease	USD	5,600	5,600	3,750	3,750
JCC	HRP		Decrease	USD	6,160	5,600	4,125	3,750
Mnth 2 vs 3-6 (WTI MIDLAND (ARGUS) TRADE MONTH FUT)								
WTI	Non-HRP		New	USD			900	900
WTI	HRP		New	USD			990	900
Mnth 2 vs 3-8 (JAPAN CRUDE COCKTAIL (DETL) YEN FUT)								
JCY	Non-HRP		Decrease	JPY	1,400,000	1,400,000	775,000	775,000
JCY	HRP		Decrease	JPY	1,540,000	1,400,000	852,500	775,000

SPAN MINIMUM PERFORMANCE BOND REQUIREMENTS

CC	Rate Type	Description	Change	ISO	Current Initial	Current Maintenance	New Initial	New Maintenance
Intra Spreads								
Mnth 2 vs 7+ (WTI MIDLAND (ARGUS) TRADE MONTH FUT)								
WTI	Non-HRP		New	USD			1,000	1,000
WTI	HRP		New	USD			1,100	1,000
Mnth 2 vs 9+ (JAPAN CRUDE COCKTAIL (DETL) YEN FUT)								
JCY	Non-HRP		Decrease	JPY	840,000	840,000	810,000	810,000
JCY	HRP		Decrease	JPY	924,000	840,000	891,000	810,000
Mnth 2 vs 9+ Mnths (JAPAN CRUDE COCKTAIL (DETAILED) FUT)								
JCC	Non-HRP		Decrease	USD	7,300	7,300	6,000	6,000
JCC	HRP		Decrease	USD	8,030	7,300	6,600	6,000
Mnth 2 vs Mnths 3-8 (JAPAN CRUDE COCKTAIL (DETAILED) FUT)								
JCC	Non-HRP		Decrease	USD	10,000	10,000	5,750	5,750
JCC	HRP		Decrease	USD	11,000	10,000	6,325	5,750
Mnths 3-6 vs 3-6 (WTI MIDLAND (ARGUS) TRADE MONTH FUT)								
WTI	Non-HRP		New	USD			1,250	1,250
WTI	HRP		New	USD			1,375	1,250
Mnths 3-6 vs 7+ (WTI MIDLAND (ARGUS) TRADE MONTH FUT)								
WTI	Non-HRP		New	USD			850	850
WTI	HRP		New	USD			935	850
Mnths 3-8 vs 3-8 (JAPAN CRUDE COCKTAIL (DETL) YEN FUT)								
JCY	Non-HRP		Decrease	JPY	1,350,000	1,350,000	540,000	540,000
JCY	HRP		Decrease	JPY	1,485,000	1,350,000	594,000	540,000
Mnths 3-8 vs 9+ (JAPAN CRUDE COCKTAIL (DETL) YEN FUT)								
JCY	Non-HRP		Decrease	JPY	1,110,000	1,110,000	515,000	515,000
JCY	HRP		Decrease	JPY	1,221,000	1,110,000	566,500	515,000
Mnths 3-8 vs Mnths 3-8 (JAPAN CRUDE COCKTAIL (DETAILED) FUT)								
JCC	Non-HRP		Decrease	USD	5,250	5,250	3,800	3,800
JCC	HRP		Decrease	USD	5,775	5,250	4,180	3,800
Mnths 3-8 vs Mnths 9+ (JAPAN CRUDE COCKTAIL (DETAILED) FUT)								
JCC	Non-HRP		Decrease	USD	5,500	5,500	4,000	4,000
JCC	HRP		Decrease	USD	6,050	5,500	4,400	4,000
Mnths 7+ vs 7+ (WTI MIDLAND (ARGUS) TRADE MONTH FUT)								
WTI	Non-HRP		New	USD			1,050	1,050
WTI	HRP		New	USD			1,155	1,050

SPAN MINIMUM PERFORMANCE BOND REQUIREMENTS

CC	Rate Type	Description	Change	ISO	Current Initial	Current Maintenance	New Initial	New Maintenance
Intra Spreads								
Mnths 9+ vs 9+ (JAPAN CRUDE COCKTAIL (DETL) YEN FUT)								
JCY	Non-HRP		Decrease	JPY	160,000	160,000	105,000	105,000
JCY	HRP		Decrease	JPY	176,000	160,000	115,500	105,000
Mnths 9+ vs Mnths 9+ (JAPAN CRUDE COCKTAIL (DETAILED) FUT)								
JCC	Non-HRP		Decrease	USD	1,100	1,100	750	750
JCC	HRP		Decrease	USD	1,210	1,100	825	750
WTI Houston (Argus) Trade Month Futures - All Months (WTI HOUSTON (ARGUS) FINANCIAL FUT)								
HIA	Non-HRP		Decrease	USD	1,600	1,600	1,200	1,200
HIA	HRP		Decrease	USD	1,760	1,600	1,320	1,200

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					
Brent CFD (Platts) vs. Brent Third Month (Platts) Swap Futures - All Months (DATED BRENT VS. BRENT SECOND MO FUT)								
59	Non-HRP		Increase	USD	1,200	1,200	1,500	1,500
59	HRP		Increase	USD	1,320	1,200	1,650	1,500
Consecutives 2vs3 (ICE BRENT DUBAI FUT)								
DB	Non-HRP		Decrease	USD	275	275	225	225
DB	HRP		Decrease	USD	303	275	248	225
Dated-to-Frontline Brent Swap - Mths 2+ (DATED TO FRONTLINE BRENT CLNDR FUT)								
FY	Non-HRP		Decrease	USD	1,200	1,200	700	700
FY	HRP		Decrease	USD	1,320	1,200	770	700
Dubai Brent Swap - Mnth 1 vs Mnths 3-8 (ICE BRENT DUBAI FUT)								
DB	Non-HRP		Decrease	USD	550	550	450	450
DB	HRP		Decrease	USD	605	550	495	450
Dubai Brent Swap - Mnths 2 vs Mnths 3-8 (ICE BRENT DUBAI FUT)								
DB	Non-HRP		Decrease	USD	710	710	475	475
DB	HRP		Decrease	USD	781	710	523	475
Dubai Brent Swap - Mnths 3-8 vs Mnths 9+ (ICE BRENT DUBAI FUT)								
DB	Non-HRP		Decrease	USD	450	450	350	350
DB	HRP		Decrease	USD	495	450	385	350
Dubai Brent Swap - Mnths 3-8 vs Mnths 3-8 (ICE BRENT DUBAI FUT)								
DB	Non-HRP		Decrease	USD	675	675	550	550
DB	HRP		Decrease	USD	743	675	605	550
Mars (Argus) vs. WTI Spread Calendar Swap - All Months (MARS (ARGUS) V WTI FUT)								
YX	Non-HRP		Decrease	USD	900	900	700	700
YX	HRP		Decrease	USD	990	900	770	700
Mnth 1 vs 2+ (WTL MIDLAND (ARGUS) VS. WTI TRADE M)								
WTL	Non-HRP		Decrease	USD	1,150	1,150	800	800
WTL	HRP		Decrease	USD	1,265	1,150	880	800
Mnths 2+ vs 2+ (WTL MIDLAND (ARGUS) VS. WTI TRADE M)								
WTL	Non-HRP		New	USD			750	750
WTL	HRP		New	USD			825	750
Relperiod (WTL MIDLAND (ARGUS) VS. WTI TRADE M)								
WTL	Non-HRP		Decrease	USD	1,100	1,100	600	600
WTL	HRP		Decrease	USD	1,210	1,100	660	600

SPAN MINIMUM PERFORMANCE BOND REQUIREMENTS

CC	Rate Type	Description	Change	ISO	Current Initial	Current Maintenance	New Initial	New Maintenance
Intra Spreads								
			DME Products - Intra Spreads					
Consecutive Rate (Mnth 2+) (DME OMAN CRUDE OIL)								
OQ	Non-HRP		Decrease	USD	1,000	1,000	700	700
OQ	HRP		Decrease	USD	1,100	1,000	770	700
Consecutive Rate (Mnth 2+) (OMAN CRUDE FINANCIAL)								
ZG	Non-HRP		Decrease	USD	1,000	1,000	700	700
ZG	HRP		Decrease	USD	1,100	1,000	770	700
Consecutive Rate (Mnth 2+) (OMAN CRUDE OIL TAM FUT)								
OQB	Non-HRP		Decrease	USD	1,000	1,000	700	700
OQB	HRP		Decrease	USD	1,100	1,000	770	700
Consecutive Rate (Mnth 2+) (OMAN CRUDE OIL TAM MARKER SYN)								
OQ1	Non-HRP		Decrease	USD	1,000	1,000	700	700
OQ1	HRP		Decrease	USD	1,100	1,000	770	700
Month 1 vs 2-3 (DME OMAN CRUDE OIL)								
OQ	Non-HRP		Decrease	USD	2,750	2,750	1,500	1,500
OQ	HRP		Decrease	USD	3,025	2,750	1,650	1,500
Month 1 vs 2-3 (OMAN CRUDE FINANCIAL)								
ZG	Non-HRP		Decrease	USD	2,750	2,750	1,500	1,500
ZG	HRP		Decrease	USD	3,025	2,750	1,650	1,500
Month 1 vs 2-3 (OMAN CRUDE OIL TAM FUT)								
OQB	Non-HRP		Decrease	USD	2,750	2,750	1,500	1,500
OQB	HRP		Decrease	USD	3,025	2,750	1,650	1,500
Month 1 vs 2-3 (OMAN CRUDE OIL TAM MARKER SYN)								
OQ1	Non-HRP		Decrease	USD	2,750	2,750	1,500	1,500
OQ1	HRP		Decrease	USD	3,025	2,750	1,650	1,500
Month 1 vs 4-8 (DME OMAN CRUDE OIL)								
OQ	Non-HRP		Decrease	USD	2,800	2,800	1,150	1,150
OQ	HRP		Decrease	USD	3,080	2,800	1,265	1,150
Month 1 vs 4-8 (OMAN CRUDE FINANCIAL)								
ZG	Non-HRP		Decrease	USD	2,800	2,800	1,150	1,150
ZG	HRP		Decrease	USD	3,080	2,800	1,265	1,150
Month 1 vs 4-8 (OMAN CRUDE OIL TAM FUT)								
OQB	Non-HRP		Decrease	USD	2,800	2,800	1,150	1,150
OQB	HRP		Decrease	USD	3,080	2,800	1,265	1,150

SPAN MINIMUM PERFORMANCE BOND REQUIREMENTS

CC	Rate Type	Description	Change	ISO	Current Initial	Current Maintenance	New Initial	New Maintenance
Intra Spreads								
Month 1 vs 4-8 (OMAN CRUDE OIL TAM MARKER SYN)								
OQ1	Non-HRP		Decrease	USD	2,800	2,800	1,150	1,150
OQ1	HRP		Decrease	USD	3,080	2,800	1,265	1,150
Month 1 vs 9+ (DME OMAN CRUDE OIL)								
OQ	Non-HRP		Decrease	USD	2,250	2,250	600	600
OQ	HRP		Decrease	USD	2,475	2,250	660	600
Month 1 vs 9+ (OMAN CRUDE FINANCIAL)								
ZG	Non-HRP		Decrease	USD	2,250	2,250	600	600
ZG	HRP		Decrease	USD	2,475	2,250	660	600
Month 1 vs 9+ (OMAN CRUDE OIL TAM FUT)								
OQB	Non-HRP		Decrease	USD	2,250	2,250	600	600
OQB	HRP		Decrease	USD	2,475	2,250	660	600
Month 1 vs 9+ (OMAN CRUDE OIL TAM MARKER SYN)								
OQ1	Non-HRP		Decrease	USD	2,250	2,250	600	600
OQ1	HRP		Decrease	USD	2,475	2,250	660	600
Months 2-3 vs 2-3 (DME OMAN CRUDE OIL)								
OQ	Non-HRP		Decrease	USD	1,300	1,300	700	700
OQ	HRP		Decrease	USD	1,430	1,300	770	700
Months 2-3 vs 2-3 (OMAN CRUDE FINANCIAL)								
ZG	Non-HRP		Decrease	USD	1,300	1,300	700	700
ZG	HRP		Decrease	USD	1,430	1,300	770	700
Months 2-3 vs 2-3 (OMAN CRUDE OIL TAM FUT)								
OQB	Non-HRP		Decrease	USD	1,300	1,300	700	700
OQB	HRP		Decrease	USD	1,430	1,300	770	700
Months 2-3 vs 2-3 (OMAN CRUDE OIL TAM MARKER SYN)								
OQ1	Non-HRP		Decrease	USD	1,300	1,300	700	700
OQ1	HRP		Decrease	USD	1,430	1,300	770	700
Months 2-3 vs 4-8 (DME OMAN CRUDE OIL)								
OQ	Non-HRP		Decrease	USD	1,900	1,900	1,000	1,000
OQ	HRP		Decrease	USD	2,090	1,900	1,100	1,000
Months 2-3 vs 4-8 (OMAN CRUDE FINANCIAL)								
ZG	Non-HRP		Decrease	USD	1,900	1,900	1,000	1,000
ZG	HRP		Decrease	USD	2,090	1,900	1,100	1,000

SPAN MINIMUM PERFORMANCE BOND REQUIREMENTS

CC	Rate Type	Description	Change	ISO	Current Initial	Current Maintenance	New Initial	New Maintenance
Intra Spreads								
Months 2-3 vs 4-8 (OMAN CRUDE OIL TAM FUT)								
OQB	Non-HRP		Decrease	USD	1,900	1,900	1,000	1,000
OQB	HRP		Decrease	USD	2,090	1,900	1,100	1,000
Months 2-3 vs 4-8 (OMAN CRUDE OIL TAM MARKER SYN)								
OQ1	Non-HRP		Decrease	USD	1,900	1,900	1,000	1,000
OQ1	HRP		Decrease	USD	2,090	1,900	1,100	1,000
Months 2-3 vs 9+ (DME OMAN CRUDE OIL)								
OQ	Non-HRP		Decrease	USD	1,050	1,050	850	850
OQ	HRP		Decrease	USD	1,155	1,050	935	850
Months 2-3 vs 9+ (OMAN CRUDE FINANCIAL)								
ZG	Non-HRP		Decrease	USD	1,050	1,050	850	850
ZG	HRP		Decrease	USD	1,155	1,050	935	850
Months 2-3 vs 9+ (OMAN CRUDE OIL TAM FUT)								
OQB	Non-HRP		Decrease	USD	1,050	1,050	850	850
OQB	HRP		Decrease	USD	1,155	1,050	935	850
Months 2-3 vs 9+ (OMAN CRUDE OIL TAM MARKER SYN)								
OQ1	Non-HRP		Decrease	USD	1,050	1,050	850	850
OQ1	HRP		Decrease	USD	1,155	1,050	935	850
Months 4-8 vs 4-8 (DME OMAN CRUDE OIL)								
OQ	Non-HRP		Decrease	USD	1,700	1,700	900	900
OQ	HRP		Decrease	USD	1,870	1,700	990	900
Months 4-8 vs 4-8 (OMAN CRUDE FINANCIAL)								
ZG	Non-HRP		Decrease	USD	1,700	1,700	900	900
ZG	HRP		Decrease	USD	1,870	1,700	990	900
Months 4-8 vs 4-8 (OMAN CRUDE OIL TAM FUT)								
OQB	Non-HRP		Decrease	USD	1,700	1,700	900	900
OQB	HRP		Decrease	USD	1,870	1,700	990	900
Months 4-8 vs 4-8 (OMAN CRUDE OIL TAM MARKER SYN)								
OQ1	Non-HRP		Decrease	USD	1,700	1,700	900	900
OQ1	HRP		Decrease	USD	1,870	1,700	990	900

SPAN MINIMUM PERFORMANCE BOND REQUIREMENTS

CC	Rate Type	Description	Change	ISO	Current Initial	Current Maintenance	New Initial	New Maintenance
Intra Spreads								
			ELECTRICITY - Intra Spreads					
Mnth 1 vs 2 (JAPANESE POWER DAY-AHEAD PEAKLOAD)								
JPT	Non-HRP		Increase	JPY	1,200,000	1,200,000	1,650,000	1,650,000
JPT	HRP		Increase	JPY	1,320,000	1,200,000	1,815,000	1,650,000
Mnth 1 vs 2 (JAPANESE POWER TOKYO BASE-LOAD)								
JBT	Non-HRP		Increase	JPY	2,600,000	2,600,000	3,400,000	3,400,000
JBT	HRP		Increase	JPY	2,860,000	2,600,000	3,740,000	3,400,000
Mnth 1 vs 3 (JAPANESE POWER TOKYO BASE-LOAD)								
JBT	Non-HRP		Increase	JPY	2,400,000	2,400,000	3,800,000	3,800,000
JBT	HRP		Increase	JPY	2,640,000	2,400,000	4,180,000	3,800,000
Mnth 1 vs 3+ (JAPANESE POWER DAY-AHEAD PEAKLOAD)								
JPT	Non-HRP		Increase	JPY	800,000	800,000	1,550,000	1,550,000
JPT	HRP		Increase	JPY	880,000	800,000	1,705,000	1,550,000
Mnth 1 vs 3+ (JAPANESE POWER KANSAI PEAK-LOAD)								
JPK	Non-HRP		Increase	JPY	950,000	950,000	1,650,000	1,650,000
JPK	HRP		Increase	JPY	1,045,000	950,000	1,815,000	1,650,000
Mnth 1 vs 4+ (JAPANESE POWER TOKYO BASE-LOAD)								
JBT	Non-HRP		Increase	JPY	1,550,000	1,550,000	3,350,000	3,350,000
JBT	HRP		Increase	JPY	1,705,000	1,550,000	3,685,000	3,350,000
Mnth 2 vs 3+ (JAPANESE POWER DAY-AHEAD PEAKLOAD)								
JPT	Non-HRP		Increase	JPY	750,000	750,000	1,050,000	1,050,000
JPT	HRP		Increase	JPY	825,000	750,000	1,155,000	1,050,000
Mnth 2 vs 3+ (JAPANESE POWER KANSAI PEAK-LOAD)								
JPK	Non-HRP		Increase	JPY	750,000	750,000	1,500,000	1,500,000
JPK	HRP		Increase	JPY	825,000	750,000	1,650,000	1,500,000
Mnth 2 vs 4+ (JAPANESE POWER TOKYO BASE-LOAD)								
JBT	Non-HRP		Increase	JPY	1,450,000	1,450,000	2,450,000	2,450,000
JBT	HRP		Increase	JPY	1,595,000	1,450,000	2,695,000	2,450,000

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					
E-MINI RUSSELL 2000 (RTY) - Month 1 vs 2 (BTIC ON EMINI RUSSELL 2000 INDEX FU)								
RLT	Non-HRP		Decrease	USD	700	700	450	450
RLT	HRP		Decrease	USD	770	700	495	450
E-MINI RUSSELL 2000 (RTY) - Month 1 vs 2 (E-MINI RUSSELL 2000 FUTURES TACO MA)								
TQ1	Non-HRP		Decrease	USD	700	700	450	450
TQ1	HRP		Decrease	USD	770	700	495	450
E-MINI RUSSELL 2000 (RTY) - Month 1 vs 2 (EMINI RUSSELL 2000 INDEX FUTURES)								
RTY	Non-HRP		Decrease	USD	700	700	450	450
RTY	HRP		Decrease	USD	770	700	495	450
E-MINI RUSSELL 2000 (RTY) - Month 1 vs 2 (MICRO E-MINI RUSSELL 2000 INDEX FUT)								
M2K	Non-HRP		Decrease	USD	70	70	45	45
M2K	HRP		Decrease	USD	77	70	50	45
E-MINI RUSSELL 2000 (RTY) - Month 1 vs 2 (TACO ON E-MINI RUSSEL 2000 FUTURES)								
RTQ	Non-HRP		Decrease	USD	700	700	450	450
RTQ	HRP		Decrease	USD	770	700	495	450
E-MINI RUSSELL 2000 (RTY) - Month 1 vs 3+ (BTIC ON EMINI RUSSELL 2000 INDEX FU)								
RLT	Non-HRP		Decrease	USD	1,000	1,000	700	700
RLT	HRP		Decrease	USD	1,100	1,000	770	700
E-MINI RUSSELL 2000 (RTY) - Month 1 vs 3+ (E-MINI RUSSELL 2000 FUTURES TACO MA)								
TQ1	Non-HRP		Decrease	USD	1,000	1,000	700	700
TQ1	HRP		Decrease	USD	1,100	1,000	770	700
E-MINI RUSSELL 2000 (RTY) - Month 1 vs 3+ (EMINI RUSSELL 2000 INDEX FUTURES)								
RTY	Non-HRP		Decrease	USD	1,000	1,000	700	700
RTY	HRP		Decrease	USD	1,100	1,000	770	700
E-MINI RUSSELL 2000 (RTY) - Month 1 vs 3+ (MICRO E-MINI RUSSELL 2000 INDEX FUT)								
M2K	Non-HRP		Decrease	USD	100	100	70	70
M2K	HRP		Decrease	USD	110	100	77	70
E-MINI RUSSELL 2000 (RTY) - Month 1 vs 3+ (TACO ON E-MINI RUSSEL 2000 FUTURES)								
RTQ	Non-HRP		Decrease	USD	1,000	1,000	700	700
RTQ	HRP		Decrease	USD	1,100	1,000	770	700
E-MINI RUSSELL 2000 (RTY) - Month 2 vs 3+ (BTIC ON EMINI RUSSELL 2000 INDEX FU)								
RLT	Non-HRP		Decrease	USD	800	800	600	600
RLT	HRP		Decrease	USD	880	800	660	600

SPAN MINIMUM PERFORMANCE BOND REQUIREMENTS

CC	Rate Type	Description	Change	ISO	Current Initial	Current Maintenance	New Initial	New Maintenance
Intra Spreads								
E-MINI RUSSELL 2000 (RTY) - Month 2 vs 3+ (E-MINI RUSSELL 2000 FUTURES TACO MA)								
TQ1	Non-HRP		Decrease	USD	800	800	600	600
TQ1	HRP		Decrease	USD	880	800	660	600
E-MINI RUSSELL 2000 (RTY) - Month 2 vs 3+ (EMINI RUSSELL 2000 INDEX FUTURES)								
RTY	Non-HRP		Decrease	USD	800	800	600	600
RTY	HRP		Decrease	USD	880	800	660	600
E-MINI RUSSELL 2000 (RTY) - Month 2 vs 3+ (MICRO E-MINI RUSSELL 2000 INDEX FUT)								
M2K	Non-HRP		Decrease	USD	80	80	60	60
M2K	HRP		Decrease	USD	88	80	66	60
E-MINI RUSSELL 2000 (RTY) - Month 2 vs 3+ (TACO ON E-MINI RUSSEL 2000 FUTURES)								
RTQ	Non-HRP		Decrease	USD	800	800	600	600
RTQ	HRP		Decrease	USD	880	800	660	600
Nasdaq-100 Index (ND) - Month 1 vs 2 (BTIC ON E-MINI NASDAQ-100 FUTURES)								
NQT	Non-HRP		Decrease	USD	2,000	2,000	1,300	1,300
NQT	HRP		Decrease	USD	2,200	2,000	1,430	1,300
Nasdaq-100 Index (ND) - Month 1 vs 2 (E-MINI NASDAQ 100 FUTURES)								
NQ	Non-HRP		Decrease	USD	2,000	2,000	1,300	1,300
NQ	HRP		Decrease	USD	2,200	2,000	1,430	1,300
Nasdaq-100 Index (ND) - Month 1 vs 2 (E-MINI NASDAQ-100 FUT TACO MARKER)								
QQ1	Non-HRP		Decrease	USD	2,000	2,000	1,300	1,300
QQ1	HRP		Decrease	USD	2,200	2,000	1,430	1,300
Nasdaq-100 Index (ND) - Month 1 vs 2 (E-MINI NASDAQ-100 FUTURES MARKER)								
NQI	Non-HRP		Decrease	USD	2,000	2,000	1,300	1,300
NQI	HRP		Decrease	USD	2,200	2,000	1,430	1,300
Nasdaq-100 Index (ND) - Month 1 vs 2 (MICRO E-MINI NASDAQ 100 FUTURE)								
MNQ	Non-HRP		Decrease	USD	200	200	130	130
MNQ	HRP		Decrease	USD	220	200	143	130
Nasdaq-100 Index (ND) - Month 1 vs 2 (TACO ON E-MINI NASDAQ-100 FUTURES)								
NQQ	Non-HRP		Decrease	USD	2,000	2,000	1,300	1,300
NQQ	HRP		Decrease	USD	2,200	2,000	1,430	1,300
Nasdaq-100 Index (ND) - Month 1 vs 3 (BTIC ON E-MINI NASDAQ-100 FUTURES)								
NQT	Non-HRP		Decrease	USD	2,000	2,000	1,300	1,300
NQT	HRP		Decrease	USD	2,200	2,000	1,430	1,300

SPAN MINIMUM PERFORMANCE BOND REQUIREMENTS

CC	Rate Type	Description	Change	ISO	Current Initial	Current Maintenance	New Initial	New Maintenance
Intra Spreads								
Nasdaq-100 Index (ND) - Month 1 vs 3 (E-MINI NASDAQ 100 FUTURES)								
NQ	Non-HRP		Decrease	USD	2,000	2,000	1,300	1,300
NQ	HRP		Decrease	USD	2,200	2,000	1,430	1,300
Nasdaq-100 Index (ND) - Month 1 vs 3 (E-MINI NASDAQ-100 FUT TACO MARKER)								
QQ1	Non-HRP		Decrease	USD	2,000	2,000	1,300	1,300
QQ1	HRP		Decrease	USD	2,200	2,000	1,430	1,300
Nasdaq-100 Index (ND) - Month 1 vs 3 (E-MINI NASDAQ-100 FUTURES MARKER)								
NQI	Non-HRP		Decrease	USD	2,000	2,000	1,300	1,300
NQI	HRP		Decrease	USD	2,200	2,000	1,430	1,300
Nasdaq-100 Index (ND) - Month 1 vs 3 (MICRO E-MINI NASDAQ 100 FUTURE)								
MNQ	Non-HRP		Decrease	USD	200	200	130	130
MNQ	HRP		Decrease	USD	220	200	143	130
Nasdaq-100 Index (ND) - Month 1 vs 3 (TACO ON E-MINI NASDAQ-100 FUTURES)								
NQQ	Non-HRP		Decrease	USD	2,000	2,000	1,300	1,300
NQQ	HRP		Decrease	USD	2,200	2,000	1,430	1,300
Nasdaq-100 Index (ND) - Months 1 vs 4 (BTIC ON E-MINI NASDAQ-100 FUTURES)								
NQT	Non-HRP		Decrease	USD	2,300	2,300	1,500	1,500
NQT	HRP		Decrease	USD	2,530	2,300	1,650	1,500
Nasdaq-100 Index (ND) - Months 1 vs 4 (E-MINI NASDAQ 100 FUTURES)								
NQ	Non-HRP		Decrease	USD	2,300	2,300	1,500	1,500
NQ	HRP		Decrease	USD	2,530	2,300	1,650	1,500
Nasdaq-100 Index (ND) - Months 1 vs 4 (E-MINI NASDAQ-100 FUT TACO MARKER)								
QQ1	Non-HRP		Decrease	USD	2,300	2,300	1,500	1,500
QQ1	HRP		Decrease	USD	2,530	2,300	1,650	1,500
Nasdaq-100 Index (ND) - Months 1 vs 4 (E-MINI NASDAQ-100 FUTURES MARKER)								
NQI	Non-HRP		Decrease	USD	2,300	2,300	1,500	1,500
NQI	HRP		Decrease	USD	2,530	2,300	1,650	1,500
Nasdaq-100 Index (ND) - Months 1 vs 4 (MICRO E-MINI NASDAQ 100 FUTURE)								
MNQ	Non-HRP		Decrease	USD	230	230	150	150
MNQ	HRP		Decrease	USD	253	230	165	150
Nasdaq-100 Index (ND) - Months 1 vs 4 (TACO ON E-MINI NASDAQ-100 FUTURES)								
NQQ	Non-HRP		Decrease	USD	2,300	2,300	1,500	1,500
NQQ	HRP		Decrease	USD	2,530	2,300	1,650	1,500

SPAN MINIMUM PERFORMANCE BOND REQUIREMENTS

CC	Rate Type	Description	Change	ISO	Current Initial	Current Maintenance	New Initial	New Maintenance
Intra Spreads								
NIKKEI 225 Stock Index (NK) - All Months (BTIC ON NIKKEI STOCK AVERAGE FUT)								
NKT	Non-HRP		Decrease	USD	2,000	2,000	1,100	1,100
NKT	HRP		Decrease	USD	2,200	2,000	1,210	1,100
NIKKEI 225 Stock Index (NK) - All Months (NIKKEI 225 DOLLAR FUTURES)								
NK	Non-HRP		Decrease	USD	2,000	2,000	1,100	1,100
NK	HRP		Decrease	USD	2,200	2,000	1,210	1,100
NIKKEI 225 Stock Index (NK) - All Months (NIKKEI STOCK AVERAGE FUTURES MARKER)								
NKM	Non-HRP		Decrease	USD	2,000	2,000	1,100	1,100
NKM	HRP		Decrease	USD	2,200	2,000	1,210	1,100
S&P 500 Stock Index - Month 1 vs 2 (BTIC ON E-MINI S&P 500 FUTURES)								
EST	Non-HRP		Decrease	USD	750	750	550	550
EST	HRP		Decrease	USD	825	750	605	550
S&P 500 Stock Index - Month 1 vs 2 (E-MINI S&P 500 FUTURES MARKER)								
ESI	Non-HRP		Decrease	USD	750	750	550	550
ESI	HRP		Decrease	USD	825	750	605	550
S&P 500 Stock Index - Month 1 vs 2 (E-MINI S&P 500 FUTURES)								
ES	Non-HRP		Decrease	USD	750	750	550	550
ES	HRP		Decrease	USD	825	750	605	550
S&P 500 Stock Index - Month 1 vs 2 (MICRO E-MINI S&P 500 FUTURES)								
MES	Non-HRP		Decrease	USD	75	75	55	55
MES	HRP		Decrease	USD	83	75	61	55
S&P 500 Stock Index - Month 1 vs 2 (TACO ON E-MINI S&P 500 FUTURES)								
ESQ	Non-HRP		Decrease	USD	750	750	550	550
ESQ	HRP		Decrease	USD	825	750	605	550
S&P 500 Stock Index - Month 1 vs 3 (BTIC ON E-MINI S&P 500 FUTURES)								
EST	Non-HRP		Decrease	USD	900	900	650	650
EST	HRP		Decrease	USD	990	900	715	650
S&P 500 Stock Index - Month 1 vs 3 (E-MINI S&P 500 FUTURES MARKER)								
ESI	Non-HRP		Decrease	USD	900	900	650	650
ESI	HRP		Decrease	USD	990	900	715	650

SPAN MINIMUM PERFORMANCE BOND REQUIREMENTS

CC	Rate Type	Description	Change	ISO	Current Initial	Current Maintenance	New Initial	New Maintenance
Intra Spreads								
S&P 500 Stock Index - Month 1 vs 3 (E-MINI S&P 500 FUTURES)								
ES	Non-HRP		Decrease	USD	900	900	650	650
ES	HRP		Decrease	USD	990	900	715	650
S&P 500 Stock Index - Month 1 vs 3 (MICRO E-MINI S&P 500 FUTURES)								
MES	Non-HRP		Decrease	USD	90	90	65	65
MES	HRP		Decrease	USD	99	90	72	65
S&P 500 Stock Index - Month 1 vs 3 (TACO ON E-MINI S&P 500 FUTURES)								
ESQ	Non-HRP		Decrease	USD	900	900	650	650
ESQ	HRP		Decrease	USD	990	900	715	650
S&P 500 Stock Index - Month 1 vs 4 (BTIC ON E-MINI S&P 500 FUTURES)								
EST	Non-HRP		Decrease	USD	1,050	1,050	800	800
EST	HRP		Decrease	USD	1,155	1,050	880	800
S&P 500 Stock Index - Month 1 vs 4 (E-MINI S&P 500 FUTURES MARKER)								
ESI	Non-HRP		Decrease	USD	1,050	1,050	800	800
ESI	HRP		Decrease	USD	1,155	1,050	880	800
S&P 500 Stock Index - Month 1 vs 4 (E-MINI S&P 500 FUTURES)								
ES	Non-HRP		Decrease	USD	1,050	1,050	800	800
ES	HRP		Decrease	USD	1,155	1,050	880	800
S&P 500 Stock Index - Month 1 vs 4 (MICRO E-MINI S&P 500 FUTURES)								
MES	Non-HRP		Decrease	USD	105	105	80	80
MES	HRP		Decrease	USD	116	105	88	80
S&P 500 Stock Index - Month 1 vs 4 (TACO ON E-MINI S&P 500 FUTURES)								
ESQ	Non-HRP		Decrease	USD	1,050	1,050	800	800
ESQ	HRP		Decrease	USD	1,155	1,050	880	800
Yen-based Nikkei (N1) - All Months (BTIC ON YEN DENOMINATED NIKKEI FUT)								
NIT	Non-HRP		Decrease	JPY	200,000	200,000	125,000	125,000
NIT	HRP		Decrease	JPY	220,000	200,000	137,500	125,000

SPAN MINIMUM PERFORMANCE BOND REQUIREMENTS

CC	Rate Type	Description	Change	ISO	Current Initial	Current Maintenance	New Initial	New Maintenance
Intra Spreads								
Yen-based Nikkei (N1) - All Months (E-MINI NIKKEI 225 YEN DENOMINATED)								
ENY	Non-HRP		Decrease	JPY	40,000	40,000	25,000	25,000
ENY	HRP		Decrease	JPY	44,000	40,000	27,500	25,000
Yen-based Nikkei (N1) - All Months (NIKKEI 225 YEN FUT)								
N1	Non-HRP		Decrease	JPY	200,000	200,000	125,000	125,000
N1	HRP		Decrease	JPY	220,000	200,000	137,500	125,000
Yen-based Nikkei (N1) - All Months (YEN DENOMINATED NIKKEI MARKER)								
NIM	Non-HRP		Decrease	JPY	200,000	200,000	125,000	125,000
NIM	HRP		Decrease	JPY	220,000	200,000	137,500	125,000
INTEREST RATES - Intra Spreads								
30-Year UMBS TBA Futures - 6.5% Coupon - Cal Spread (30-YEAR 6.5% COUPON UMBS TBA)								
65U	Non-HRP		New	USD			600	600
65U	HRP		New	USD			660	600

SPAN MINIMUM PERFORMANCE BOND REQUIREMENTS

CC	Rate Type	Description	Change	ISO	Current Initial	Current Maintenance	New Initial	New Maintenance
Intra Spreads								
			NATURAL GAS - Intra Spreads					
Consec Month 2-12 vs 13+ (LNG JAPAN KOREA MARKER PLATTS FUT)								
JKM	Non-HRP		Decrease	USD	70,000	70,000	30,000	30,000
JKM	HRP		Decrease	USD	77,000	70,000	33,000	30,000
Mnth 1 vs 13+ (LNG JAPAN KOREA MARKER PLATTS FUT)								
JKM	Non-HRP		Decrease	USD	49,000	49,000	33,000	33,000
JKM	HRP		Decrease	USD	53,900	49,000	36,300	33,000
Mnth 1 vs 2-12 (LNG JAPAN KOREA MARKER PLATTS FUT)								
JKM	Non-HRP		Decrease	USD	79,000	79,000	35,000	35,000
JKM	HRP		Decrease	USD	86,900	79,000	38,500	35,000
Mnths 1 vs 13+ (LNG JAPAN KOREA MRK YEN FUT)								
JKY	Non-HRP		Increase	JPY	2,000,000	2,000,000	2,500,000	2,500,000
JKY	HRP		Increase	JPY	2,200,000	2,000,000	2,750,000	2,500,000
Mnths 1 vs 2-12 (LNG JAPAN KOREA MRK YEN FUT)								
JKY	Non-HRP		Decrease	JPY	9,500,000	9,500,000	4,725,000	4,725,000
JKY	HRP		Decrease	JPY		9,500,000	5,197,500	4,725,000
Mnths 13+ vs 13+ (LNG JAPAN KOREA MARKER PLATTS FUT)								
JKM	Non-HRP		Decrease	USD	50,000	50,000	29,000	29,000
JKM	HRP		Decrease	USD	55,000	50,000	31,900	29,000
Mnths 13+ vs 13+ (LNG JAPAN KOREA MRK YEN FUT)								
JKY	Non-HRP		Decrease	JPY	6,500,000	6,500,000	3,920,000	3,920,000
JKY	HRP		Decrease	JPY	7,150,000	6,500,000	4,312,000	3,920,000
Mnths 2-12 vs 13+ (LNG JAPAN KOREA MARKER PLATTS FUT)								
JKM	Non-HRP		Decrease	USD	56,000	56,000	34,000	34,000
JKM	HRP		Decrease	USD	61,600	56,000	37,400	34,000
Mnths 2-12 vs 13+ (LNG JAPAN KOREA MRK YEN FUT)								
JKY	Non-HRP		Decrease	JPY	7,300,000	7,300,000	4,600,000	4,600,000
JKY	HRP		Decrease	JPY	8,030,000	7,300,000	5,060,000	4,600,000
Mnths 2-12 vs 2-12 (LNG JAPAN KOREA MARKER PLATTS FUT)								
JKM	Non-HRP		Decrease	USD	80,000	80,000	36,000	36,000
JKM	HRP		Decrease	USD	88,000	80,000	39,600	36,000
Mnths 2-12 vs 2-12 (LNG JAPAN KOREA MRK YEN FUT)								
JKY	Non-HRP		Decrease	JPY		10,000,000	4,900,000	4,900,000
JKY	HRP		Decrease	JPY		10,000,000	5,390,000	4,900,000

SPAN MINIMUM PERFORMANCE BOND REQUIREMENTS

CC	Rate Type	Description	Change	ISO	Current Initial	Current Maintenance	New Initial	New Maintenance
Intra Spreads								
RealPeriod 2 vs 2 (LNG JAPAN KOREA MRK YEN FUT)								
JKY	Non-HRP		Decrease	JPY	8,500,000	8,500,000	4,050,000	4,050,000
JKY	HRP		Decrease	JPY	9,350,000	8,500,000	4,455,000	4,050,000
PETROLEUM CRACKS AND SPREADS - Intra Spreads								
3.5% Fuel Oil Rdam v 3.5% FOB MED Spread Swap - Month 1 vs Months 2+ (EURO 3.5% FUEL OIL SPREAD)								
FK	Non-HRP		Decrease	USD	4,300	4,300	2,000	2,000
FK	HRP		Decrease	USD	4,730	4,300	2,200	2,000
SINGAPORE GASOIL (PLATTS) VS. ICE GASOIL SWAP FUTURES - Consecutives (SINGAPORE GASOIL VS ICE)								
GA	Non-HRP		Decrease	USD	1,300	1,300	1,000	1,000
GA	HRP		Decrease	USD	1,430	1,300	1,100	1,000
SINGAPORE GASOIL (PLATTS) VS. ICE GASOIL SWAP FUTURES - Tier 1v2 (SINGAPORE GASOIL VS ICE)								
GA	Non-HRP		Decrease	USD	2,200	2,200	1,750	1,750
GA	HRP		Decrease	USD	2,420	2,200	1,925	1,750
SINGAPORE GASOIL (PLATTS) VS. ICE GASOIL SWAP FUTURES - Tier 1v3 (SINGAPORE GASOIL VS ICE)								
GA	Non-HRP		Decrease	USD	2,250	2,250	1,350	1,350
GA	HRP		Decrease	USD	2,475	2,250	1,485	1,350
SINGAPORE GASOIL (PLATTS) VS. ICE GASOIL SWAP FUTURES - Tier 2v2 (SINGAPORE GASOIL VS ICE)								
GA	Non-HRP		Decrease	USD	1,700	1,700	1,150	1,150
GA	HRP		Decrease	USD	1,870	1,700	1,265	1,150
SINGAPORE GASOIL (PLATTS) VS. ICE GASOIL SWAP FUTURES - Tier 2v3 (SINGAPORE GASOIL VS ICE)								
GA	Non-HRP		Decrease	USD	1,600	1,600	1,100	1,100
GA	HRP		Decrease	USD	1,760	1,600	1,210	1,100
SINGAPORE GASOIL (PLATTS) VS. ICE GASOIL SWAP FUTURES - Tier 3v3 (SINGAPORE GASOIL VS ICE)								
GA	Non-HRP		Decrease	USD	1,350	1,350	900	900
GA	HRP		Decrease	USD	1,485	1,350	990	900
SINGAPORE GASOIL (PLATTS) VS. ICE GASOIL SWAP FUTURES - Tiers 1v1 (SINGAPORE GASOIL VS ICE)								
GA	Non-HRP		Decrease	USD	2,400	2,400	1,850	1,850
GA	HRP		Decrease	USD	2,640	2,400	2,035	1,850

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					
(SYNT JAPAN C&F NAPHTHA FUT)								
SJA	Non-HRP		Decrease	USD	9,000	9,000	6,000	6,000
SJA	Non-HRP		Decrease	USD	23,000	23,000	13,000	13,000
SJA	Non-HRP		Decrease	USD	38,000	38,000	22,500	22,500
SJA	HRP		Decrease	USD	9,900	9,000	6,600	6,000
SJA	HRP		Decrease	USD	25,300	23,000	14,300	13,000
SJA	HRP		Decrease	USD	41,800	38,000	24,750	22,500
Consecutives (SYNT GULF COAST ULSD CALENDAR FU)								
SLY	Non-HRP		Decrease	USD	3,000	3,000	1,500	1,500
SLY	HRP		Decrease	USD	3,300	3,000	1,650	1,500
European 3.5% Fuel Oil Rotterdam Calendar Swap - Consecutive Months 2+ (EUROPE 3.5% FUEL OIL RDAM CALFUT)								
UV	Non-HRP		Decrease	USD	3,750	3,750	2,500	2,500
UV	HRP		Decrease	USD	4,125	3,750	2,750	2,500
European 3.5% Fuel Oil Rotterdam Calendar Swap - Consecutive Months 2+ (MICRO EUROPEAN 3.5% FUEL OIL BARGES)								
MEF	Non-HRP		Decrease	USD	38	38	25	25
MEF	HRP		Decrease	USD	41	38	28	25
European 3.5% Fuel Oil Rotterdam Calendar Swap - Consecutive Months 2+ (MINI EURO 3.5% FUEL OIL FOB RDM FUT)								
0D	Non-HRP		Decrease	USD	375	375	250	250
0D	HRP		Decrease	USD	413	375	275	250
European 3.5% Fuel Oil Rotterdam Calendar Swap - Mnth 1 vs Mnth 11+ (EUROPE 3.5% FUEL OIL RDAM CALFUT)								
UV	Non-HRP		Decrease	USD	14,000	14,000	10,500	10,500
UV	HRP		Decrease	USD	15,400	14,000	11,550	10,500
European 3.5% Fuel Oil Rotterdam Calendar Swap - Mnth 1 vs Mnth 11+ (MICRO EUROPEAN 3.5% FUEL OIL BARGES)								
MEF	Non-HRP		Decrease	USD	140	140	105	105
MEF	HRP		Decrease	USD	154	140	116	105
European 3.5% Fuel Oil Rotterdam Calendar Swap - Mnth 1 vs Mnth 11+ (MINI EURO 3.5% FUEL OIL FOB RDM FUT)								
0D	Non-HRP		Decrease	USD	1,400	1,400	1,050	1,050
0D	HRP		Decrease	USD	1,540	1,400	1,155	1,050
European 3.5% Fuel Oil Rotterdam Calendar Swap - Mnth 1 vs Mnth 2-6 (EUROPE 3.5% FUEL OIL RDAM CALFUT)								
UV	Non-HRP		Decrease	USD	11,500	11,500	10,000	10,000
UV	HRP		Decrease	USD	12,650	11,500	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 3.5% Fuel Oil Rotterdam Calendar Swap - Mnth 1 vs Mnth 2-6 (MICRO EUROPEAN 3.5% FUEL OIL BARGES)								
MEF	Non-HRP		Decrease	USD	115	115	100	100
MEF	HRP		Decrease	USD	127	115	110	100
European 3.5% Fuel Oil Rotterdam Calendar Swap - Mnth 1 vs Mnth 2-6 (MINI EURO 3.5% FUEL OIL FOB RDM FUT)								
0D	Non-HRP		Decrease	USD	1,150	1,150	1,000	1,000
0D	HRP		Decrease	USD	1,265	1,150	1,100	1,000
European 3.5% Fuel Oil Rotterdam Calendar Swap - Mnth 1 vs Mnth 7-10 (EUROPE 3.5% FUEL OIL RDAM CALFUT)								
UV	Non-HRP		Decrease	USD	16,000	16,000	11,000	11,000
UV	HRP		Decrease	USD	17,600	16,000	12,100	11,000
European 3.5% Fuel Oil Rotterdam Calendar Swap - Mnth 1 vs Mnth 7-10 (MICRO EUROPEAN 3.5% FUEL OIL BARGES)								
MEF	Non-HRP		Decrease	USD	160	160	110	110
MEF	HRP		Decrease	USD	176	160	121	110
European 3.5% Fuel Oil Rotterdam Calendar Swap - Mnth 1 vs Mnth 7-10 (MINI EURO 3.5% FUEL OIL FOB RDM FUT)								
0D	Non-HRP		Decrease	USD	1,600	1,600	1,100	1,100
0D	HRP		Decrease	USD	1,760	1,600	1,210	1,100
European 3.5% Fuel Oil Rotterdam Calendar Swap - Mnths 11+ vs 11+ (EUROPE 3.5% FUEL OIL RDAM CALFUT)								
UV	Non-HRP		Decrease	USD	9,000	9,000	5,000	5,000
UV	HRP		Decrease	USD	9,900	9,000	5,500	5,000
European 3.5% Fuel Oil Rotterdam Calendar Swap - Mnths 11+ vs 11+ (MICRO EUROPEAN 3.5% FUEL OIL BARGES)								
MEF	Non-HRP		Decrease	USD	90	90	50	50
MEF	HRP		Decrease	USD	99	90	55	50
European 3.5% Fuel Oil Rotterdam Calendar Swap - Mnths 11+ vs 11+ (MINI EURO 3.5% FUEL OIL FOB RDM FUT)								
0D	Non-HRP		Decrease	USD	900	900	500	500
0D	HRP		Decrease	USD	990	900	550	500
European 3.5% Fuel Oil Rotterdam Calendar Swap - Mnths 2-6 vs 11+ (EUROPE 3.5% FUEL OIL RDAM CALFUT)								
UV	Non-HRP		Decrease	USD	11,250	11,250	8,250	8,250
UV	HRP		Decrease	USD	12,375	11,250	9,075	8,250
European 3.5% Fuel Oil Rotterdam Calendar Swap - Mnths 2-6 vs 11+ (MICRO EUROPEAN 3.5% FUEL OIL BARGES)								
MEF	Non-HRP		Decrease	USD	113	113	83	83
MEF	HRP		Decrease	USD	124	113	91	83
European 3.5% Fuel Oil Rotterdam Calendar Swap - Mnths 2-6 vs 11+ (MINI EURO 3.5% FUEL OIL FOB RDM FUT)								
0D	Non-HRP		Decrease	USD	1,125	1,125	825	825
0D	HRP		Decrease	USD	1,238	1,125	908	825

SPAN MINIMUM PERFORMANCE BOND REQUIREMENTS

CC	Rate Type	Description	Change	ISO	Current Initial	Current Maintenance	New Initial	New Maintenance
Intra Spreads								
European 3.5% Fuel Oil Rotterdam Calendar Swap - Mnths 2-6 vs 2-6 (EUROPE 3.5% FUEL OIL RDAM CALFUT)								
UV	Non-HRP		Decrease	USD	10,500	10,500	5,500	5,500
UV	HRP		Decrease	USD	11,550	10,500	6,050	5,500
European 3.5% Fuel Oil Rotterdam Calendar Swap - Mnths 2-6 vs 2-6 (MICRO EUROPEAN 3.5% FUEL OIL BARGES)								
MEF	Non-HRP		Decrease	USD	105	105	55	55
MEF	HRP		Decrease	USD	116	105	61	55
European 3.5% Fuel Oil Rotterdam Calendar Swap - Mnths 2-6 vs 2-6 (MINI EURO 3.5% FUEL OIL FOB RDM FUT)								
0D	Non-HRP		Decrease	USD	1,050	1,050	550	550
0D	HRP		Decrease	USD	1,155	1,050	605	550
European 3.5% Fuel Oil Rotterdam Calendar Swap - Mnths 2-6 vs 7-10 (EUROPE 3.5% FUEL OIL RDAM CALFUT)								
UV	Non-HRP		Decrease	USD	17,000	17,000	8,500	8,500
UV	HRP		Decrease	USD	18,700	17,000	9,350	8,500
European 3.5% Fuel Oil Rotterdam Calendar Swap - Mnths 2-6 vs 7-10 (MICRO EUROPEAN 3.5% FUEL OIL BARGES)								
MEF	Non-HRP		Decrease	USD	170	170	85	85
MEF	HRP		Decrease	USD	187	170	94	85
European 3.5% Fuel Oil Rotterdam Calendar Swap - Mnths 2-6 vs 7-10 (MINI EURO 3.5% FUEL OIL FOB RDM FUT)								
0D	Non-HRP		Decrease	USD	1,700	1,700	850	850
0D	HRP		Decrease	USD	1,870	1,700	935	850
European 3.5% Fuel Oil Rotterdam Calendar Swap - Mnths 7-10 vs 7-10 (EUROPE 3.5% FUEL OIL RDAM CALFUT)								
UV	Non-HRP		Decrease	USD	6,000	6,000	4,000	4,000
UV	HRP		Decrease	USD	6,600	6,000	4,400	4,000
European 3.5% Fuel Oil Rotterdam Calendar Swap - Mnths 7-10 vs 7-10 (MICRO EUROPEAN 3.5% FUEL OIL BARGES)								
MEF	Non-HRP		Decrease	USD	60	60	40	40
MEF	HRP		Decrease	USD	66	60	44	40
European 3.5% Fuel Oil Rotterdam Calendar Swap - Mnths 7-10 vs 7-10 (MINI EURO 3.5% FUEL OIL FOB RDM FUT)								
0D	Non-HRP		Decrease	USD	600	600	400	400
0D	HRP		Decrease	USD	660	600	440	400
Gulf Coast ULSD Swap- Consecutive Month 2+ (GULF COAST ULSD CALENDAR FUT)								
LY	Non-HRP		Decrease	USD	3,000	3,000	1,500	1,500
LY	HRP		Decrease	USD	3,300	3,000	1,650	1,500
Gulf Coast ULSD Swap- Consecutive Month 2+ (SYNTH 111 GULF COAST ULSD CAL FUTUR)								
111	Non-HRP		Decrease	USD	300	300	150	150
111	HRP		Decrease	USD	330	300	165	150

SPAN MINIMUM PERFORMANCE BOND REQUIREMENTS

CC	Rate Type	Description	Change	ISO	Current Initial	Current Maintenance	New Initial	New Maintenance
Intra Spreads								
Japan C&F Naphtha (Platts) Swap - All Months (121 SYNT JAPAN C&F NAPHTHA FUT)								
121	Non-HRP		Decrease	USD	3,800	3,800	2,250	2,250
121	HRP		Decrease	USD	4,180	3,800	2,475	2,250
Japan C&F Naphtha (Platts) Swap - All Months (JAPAN C&F NAPHTHA FUT)								
JA	Non-HRP		Decrease	USD	38,000	38,000	22,500	22,500
JA	HRP		Decrease	USD	41,800	38,000	24,750	22,500
Japan C&F Naphtha (Platts) Swap - All Months (MIN JAPAN C&F NAPHTHA PLATTS FUT)								
MJN	Non-HRP		Decrease	USD	3,800	3,800	2,250	2,250
MJN	HRP		Decrease	USD	4,180	3,800	2,475	2,250
Japan C&F Naphtha (Platts) Swap - Consecutive (121 SYNT JAPAN C&F NAPHTHA FUT)								
121	Non-HRP		Decrease	USD	900	900	600	600
121	HRP		Decrease	USD	990	900	660	600
Japan C&F Naphtha (Platts) Swap - Consecutive (JAPAN C&F NAPHTHA FUT)								
JA	Non-HRP		Decrease	USD	9,000	9,000	6,000	6,000
JA	HRP		Decrease	USD	9,900	9,000	6,600	6,000
Japan C&F Naphtha (Platts) Swap - Consecutive (MIN JAPAN C&F NAPHTHA PLATTS FUT)								
MJN	Non-HRP		Decrease	USD	900	900	600	600
MJN	HRP		Decrease	USD	990	900	660	600
Japan C&F Naphtha (PLATTS) Swap - 2+ vs 2+ (121 SYNT JAPAN C&F NAPHTHA FUT)								
121	Non-HRP		Decrease	USD	2,300	2,300	1,300	1,300
121	HRP		Decrease	USD	2,530	2,300	1,430	1,300
Japan C&F Naphtha (PLATTS) Swap - 2+ vs 2+ (JAPAN C&F NAPHTHA FUT)								
JA	Non-HRP		Decrease	USD	23,000	23,000	13,000	13,000
JA	HRP		Decrease	USD	25,300	23,000	14,300	13,000
Japan C&F Naphtha (PLATTS) Swap - 2+ vs 2+ (MIN JAPAN C&F NAPHTHA PLATTS FUT)								
MJN	Non-HRP		Decrease	USD	2,300	2,300	1,300	1,300
MJN	HRP		Decrease	USD	2,530	2,300	1,430	1,300
Mnth 1 vs 2-6 (GULF COAST ULSD CALENDAR FUT)								
LY	Non-HRP		Decrease	USD	6,000	6,000	4,500	4,500
LY	HRP		Decrease	USD	6,600	6,000	4,950	4,500
Mnth 1 vs 2-6 (SYNT GULF COAST ULSD CALENDAR FU)								
SLY	Non-HRP		Decrease	USD	6,000	6,000	4,500	4,500
SLY	HRP		Decrease	USD	6,600	6,000	4,950	4,500

SPAN MINIMUM PERFORMANCE BOND REQUIREMENTS

CC	Rate Type	Description	Change	ISO	Current Initial	Current Maintenance	New Initial	New Maintenance
Intra Spreads								
Mnth 1 vs 2-6 (SYNTH 111 GULF COAST ULSD CAL FUTUR)								
111	Non-HRP		Decrease	USD	600	600	450	450
111	HRP		Decrease	USD	660	600	495	450
Mnth 1 vs 7+ (GULF COAST ULSD CALENDAR FUT)								
LY	Non-HRP		Decrease	USD	5,000	5,000	4,000	4,000
LY	HRP		Decrease	USD	5,500	5,000	4,400	4,000
Mnth 1 vs 7+ (SYNT GULF COAST ULSD CALENDAR FU)								
SLY	Non-HRP		Decrease	USD	5,000	5,000	4,000	4,000
SLY	HRP		Decrease	USD	5,500	5,000	4,400	4,000
Mnth 1 vs 7+ (SYNTH 111 GULF COAST ULSD CAL FUTUR)								
111	Non-HRP		Decrease	USD	500	500	400	400
111	HRP		Decrease	USD	550	500	440	400
Mnths 2-6 vs 2-6 (GULF COAST ULSD CALENDAR FUT)								
LY	Non-HRP		Decrease	USD	6,100	6,100	3,750	3,750
LY	HRP		Decrease	USD	6,710	6,100	4,125	3,750
Mnths 2-6 vs 2-6 (SYNT GULF COAST ULSD CALENDAR FU)								
SLY	Non-HRP		Decrease	USD	6,100	6,100	3,750	3,750
SLY	HRP		Decrease	USD	6,710	6,100	4,125	3,750
Mnths 2-6 vs 2-6 (SYNTH 111 GULF COAST ULSD CAL FUTUR)								
111	Non-HRP		Decrease	USD	610	610	375	375
111	HRP		Decrease	USD	671	610	413	375
Mnths 2-6 vs 7+ (GULF COAST ULSD CALENDAR FUT)								
LY	Non-HRP		Decrease	USD	7,500	7,500	2,250	2,250
LY	HRP		Decrease	USD	8,250	7,500	2,475	2,250
Mnths 2-6 vs 7+ (SYNT GULF COAST ULSD CALENDAR FU)								
SLY	Non-HRP		Decrease	USD	7,500	7,500	2,250	2,250
SLY	HRP		Decrease	USD	8,250	7,500	2,475	2,250
Mnths 2-6 vs 7+ (SYNTH 111 GULF COAST ULSD CAL FUTUR)								
111	Non-HRP		Decrease	USD	750	750	225	225
111	HRP		Decrease	USD	825	750	248	225
Mnths 7+ vs 7+ (GULF COAST ULSD CALENDAR FUT)								
LY	Non-HRP		Decrease	USD	3,200	3,200	1,600	1,600
LY	HRP		Decrease	USD	3,520	3,200	1,760	1,600

SPAN MINIMUM PERFORMANCE BOND REQUIREMENTS

CC	Rate Type	Description	Change	ISO	Current Initial	Current Maintenance	New Initial	New Maintenance
Intra Spreads								
Mnths 7+ vs 7+ (SYNT GULF COAST ULSD CALENDAR FU)								
SLY	Non-HRP		Decrease	USD	3,200	3,200	1,600	1,600
SLY	HRP		Decrease	USD	3,520	3,200	1,760	1,600
Mnths 7+ vs 7+ (SYNTH 111 GULF COAST ULSD CAL FUTUR)								
111	Non-HRP		Decrease	USD	320	320	160	160
111	HRP		Decrease	USD	352	320	176	160

SPAN MINIMUM PERFORMANCE BOND REQUIREMENTS

Rate Type	Change	Ratio	Current Initial	Current Maintenance	New Initial	New Maintenance
Inter-commodity Spread Rates						
INTEREST RATES - Inter-commodity Spread Rates						
TBA 2% Coupon (20U) vs TBA 2.5% Coupon (25U)						
Spread Credit Rate	Increase	+1:-1	65%	65%	70%	70%
TBA 2% Coupon (20U) vs TBA 4% Coupon (40U)						
Spread Credit Rate	Increase	+1:-1	50%	50%	60%	60%
TBA 2% Coupon (20U) vs TBA 4.5% Coupon (45U)						
Spread Credit Rate	Increase	+1:-1	50%	50%	55%	55%
TBA 2% Coupon (20U) vs TBA 5.5% Coupon (55U)						
Spread Credit Rate	Decrease	+1:-1	50%	50%	45%	45%
TBA 2% Coupon (20U) vs TBA 6% Coupon (60U)						
Spread Credit Rate	Decrease	+1:-1	50%	50%	30%	30%
TBA 2.0% Coupon (20U) vs TBA 6.5% Coupon (65U)						
Spread Credit Rate	New	+1:-1			30%	30%
TBA 2.5% Coupon (25U) vs TBA 3% Coupon (30U)						
Spread Credit Rate	Increase	+1:-1	65%	65%	75%	75%
TBA 2.5% Coupon (25U) vs TBA 4.5% Coupon (45U)						
Spread Credit Rate	Increase	+1:-1	50%	50%	60%	60%
TBA 2.5% Coupon (25U) vs TBA 5% Coupon (50U)						
Spread Credit Rate	Increase	+1:-1	50%	50%	60%	60%
TBA 2.5% Coupon (25U) vs TBA 6.5% Coupon (65U)						
Spread Credit Rate	New	+1:-1			50%	50%
TBA 3% Coupon (30U) vs TBA 3.5% Coupon (35U)						
Spread Credit Rate	Increase	+1:-1	65%	65%	75%	75%
TBA 3% Coupon (30U) vs TBA 4% Coupon (40U)						
Spread Credit Rate	Increase	+1:-1	60%	60%	75%	75%
TBA 3% Coupon (30U) vs TBA 4.5% Coupon (45U)						
Spread Credit Rate	Increase	+1:-1	60%	60%	70%	70%
TBA 3% Coupon (30U) vs TBA 5% Coupon (50U)						
Spread Credit Rate	Increase	+1:-1	50%	50%	60%	60%
TBA 3% Coupon (30U) vs TBA 5.5% Coupon (55U)						
Spread Credit Rate	Increase	+1:-1	50%	50%	60%	60%
TBA 3.0% Coupon (30U) vs TBA 6.5% Coupon (65U)						
Spread Credit Rate	New	+1:-1			50%	50%
TBA 3.5% Coupon (35U) vs TBA 4% Coupon (40U)						

SPAN MINIMUM PERFORMANCE BOND REQUIREMENTS

Rate Type	Change	Ratio	Current Initial	Current Maintenance	New Initial	New Maintenance
Inter-commodity Spread Rates						
Spread Credit Rate	Increase	+1:-1	65%	65%	85%	85%
TBA 3.5% Coupon (35U) vs TBA 4.5% Coupon (45U)						
Spread Credit Rate	Increase	+1:-1	60%	60%	75%	75%
TBA 3.5% Coupon (35U) vs TBA 5% Coupon (50U)						
Spread Credit Rate	Increase	+1:-1	60%	60%	70%	70%
TBA 3.5% Coupon (35U) vs TBA 5.5% Coupon (55U)						
Spread Credit Rate	Increase	+1:-1	60%	60%	65%	65%
TBA 3.5% Coupon (35U) vs TBA 6.5% Coupon (65U)						
Spread Credit Rate	New	+1:-1			60%	60%
TBA 4% Coupon (40U) vs TBA 4.5% Coupon (45U)						
Spread Credit Rate	Increase	+1:-1	65%	65%	85%	85%
TBA 4% Coupon (40U) vs TBA 5% Coupon (50U)						
Spread Credit Rate	Increase	+1:-1	60%	60%	75%	75%
TBA 4% Coupon (40U) vs TBA 5.5% Coupon (55U)						
Spread Credit Rate	Increase	+1:-1	60%	60%	70%	70%
TBA 4% Coupon (40U) vs TBA 6% Coupon (60U)						
Spread Credit Rate	Increase	+1:-1	60%	60%	65%	65%
TBA 4.0% Coupon (40U) vs TBA 6.5% Coupon (65U)						
Spread Credit Rate	New	+1:-1			60%	60%
TBA 4.5% Coupon (45U) vs TBA 5% Coupon (50U)						
Spread Credit Rate	Increase	+1:-1	65%	65%	85%	85%
TBA 4.5% Coupon (45U) vs TBA 5.5% Coupon (55U)						
Spread Credit Rate	Increase	+1:-1	65%	65%	75%	75%
TBA 4.5% Coupon (45U) vs TBA 6% Coupon (60U)						
Spread Credit Rate	Increase	+1:-1	65%	65%	70%	70%
TBA 4.5% Coupon (45U) vs TBA 6.5% Coupon (65U)						
Spread Credit Rate	New	+1:-1			65%	65%
TBA 5.0% Coupon (50U) vs TBA 5.5% Coupon (55U)						
Spread Credit Rate	Increase	+1:-1	65%	65%	85%	85%
TBA 5.0% Coupon (50U) vs TBA 6% Coupon (60U)						
Spread Credit Rate	Increase	+1:-1	65%	65%	75%	75%
TBA 5.0% Coupon (50U) vs TBA 6.5% Coupon (65U)						
Spread Credit Rate	New	+1:-1			65%	65%

SPAN MINIMUM PERFORMANCE BOND REQUIREMENTS

Rate Type	Change	Ratio	Current Initial	Current Maintenance	New Initial	New Maintenance
Inter-commodity Spread Rates						
TBA 5.5% Coupon (55U) vs TBA 6% Coupon (60U)						
Spread Credit Rate	Increase	+1:-1	65%	65%	85%	85%
TBA 5.5% Coupon (55U) vs TBA 6.5% Coupon (65U)						
Spread Credit Rate	New	+1:-1			65%	65%
TBA 6.0% Coupon (60U) vs TBA 6.5% Coupon (65U)						
Spread Credit Rate	New	+1:-1			65%	65%
TBA 6.5% COUPON (CME-65U) vs 10 YEAR US TREASURY NOTE (CME-21)						
Spread Credit Rate	New	+1:-1			50%	50%
TBA 6.5% COUPON (CME-65U) vs 30 YEAR US TREASURY BOND (CME-17)						
Spread Credit Rate	New	+1:-1			35%	35%
TBA 6.5% COUPON (CME-65U) vs 5 YEAR US TREASURY NOTE (CME-25)						
Spread Credit Rate	New	+1:-1			40%	40%
TBA 6.5% COUPON (CME-65U) vs ULTRA 10 YEAR US TREASURY NOTE (CME-TN)						
Spread Credit Rate	New	+1:-1			45%	45%

SPAN MINIMUM PERFORMANCE BOND REQUIREMENTS

Rate Type	Tier Description	Change	Current Initial	Current Maintenance	New Initial	New Maintenance

SPAN MINIMUM PERFORMANCE BOND REQUIREMENTS

Rate Type	Tier Description	Change	Current Initial	Current Maintenance	New Initial	New Maintenance
Volatility Scan (volScan) Rate						
AGRICULTURE - Volatility Scan (volScan) Rate						
CASH SETTLED CHEESE (CSC, CSC) - volScan						
Clearing Member Rate	Mnth 1	Increase		48.000%		52.000%
Clearing Member Rate	Months 3-4	Decrease		35.000%		30.000%
Clearing Member Rate	Months 5-6	Decrease		30.000%		25.000%
Clearing Member Rate	Months 7-11	Decrease		25.000%		20.000%
Clearing Member Rate	Mnth 2	Decrease		55.000%		50.000%
Clearing Member Rate	Mnths 12+	Decrease		25.000%		15.000%
DRY WHEY (DY, DY) - volScan						
Clearing Member Rate	Month 1	Increase		40.000%		45.000%
Clearing Member Rate	Months 13+	Decrease		17.000%		15.000%
FEEDER CATTLE (9F1, FC, FC, GFT) - volScan						
Clearing Member Rate	Month 1	Decrease		40.000%		35.000%
Clearing Member Rate	Month 3	Decrease		27.000%		22.000%
Clearing Member Rate	Month 4	Decrease		27.000%		22.000%
Clearing Member Rate	Month 5	Decrease		25.000%		22.000%
Clearing Member Rate	Months 6+	Decrease		25.000%		22.000%
Clearing Member Rate	Month 2	Decrease		30.000%		25.000%
MILK CLASS III (9M1, DA, DA, JQ, JQ) - volScan						
Clearing Member Rate	Months 12-15	Decrease		24.000%		19.000%
Clearing Member Rate	Months 16+	Decrease		24.000%		19.000%
Clearing Member Rate	Month 1	Decrease		58.000%		55.000%
Clearing Member Rate	Month 2	Decrease		66.000%		55.000%
Clearing Member Rate	Months 3-5	Decrease		50.000%		45.000%
Clearing Member Rate	Months 6-11	Decrease		25.000%		20.000%
NONFAT DRY MILK (NF, NF) - volScan						
Clearing Member Rate	Months 10-15	Decrease		24.000%		20.000%
Clearing Member Rate	Month 2	Increase		36.000%		40.000%
Clearing Member Rate	Months 3-9	Decrease		33.000%		30.000%
Clearing Member Rate	Months 16+	Decrease		24.000%		20.000%