



24-221

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

FROM: CME Clearing

SUBJECT: Performance Bond Requirements

DATE: Monday, August 5, 2024

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

Tuesday, August 6, 2024.

Current rates as of:

Monday, August 5, 2024.

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								
ADJ INT RATE RUSS 1000 TOT RET FUT (ARR)								
ARR	Non-HRP		Increase	USD	7,800	7,800	8,200	8,200
ARR	HRP		Increase	USD	8,580	7,800	9,020	8,200
ADJ INT RATE RUSS 1000 TOT RET MKR (ARM)								
ARM	Non-HRP		Increase	USD	7,800	7,800	8,200	8,200
ARM	HRP		Increase	USD	8,580	7,800	9,020	8,200
BTIC CONSUMER STAPLES SECTOR TIC (XPT)								
XPT	Non-HRP		Increase	USD	2,250	2,250	2,500	2,500
XPT	HRP		Increase	USD	2,475	2,250	2,750	2,500
BTIC EMINI FTSE 100 INDEX FUTURE (FTT)								
FTT	Non-HRP		Increase	GBP	3,600	3,600	4,200	4,200
FTT	HRP		Increase	GBP	3,960	3,600	4,620	4,200
BTIC EMINI PHLX SEMICONDUCTOR (SOT)								
SOT	Non-HRP		Increase	USD	10,500	10,500	12,600	12,600
SOT	HRP		Increase	USD	11,550	10,500	13,860	12,600
BTIC EMINI RUSSELL 1000 GROWTH FUT (RGT)								
RGT	Non-HRP		Increase	USD	8,500	8,500	9,600	9,600
RGT	HRP		Increase	USD	9,350	8,500	10,560	9,600
BTIC EMINI RUSSELL1000 INDEX FUT (R1T)								
R1T	Non-HRP		Increase	USD	7,800	7,800	8,200	8,200
R1T	HRP		Increase	USD	8,580	7,800	9,020	8,200
BTIC EMINI SP BIOTECH SELECT (BOT)								
BOT	Non-HRP		Increase	USD	5,250	5,250	5,500	5,500
BOT	HRP		Increase	USD	5,775	5,250	6,050	5,500
BTIC EMINI SP INSURANCE SELECT (IST)								
IST	Non-HRP		Increase	USD	4,000	4,000	4,800	4,800
IST	HRP		Increase	USD	4,400	4,000	5,280	4,800
BTIC EMINI SP OIL & GAS SELECT (SWT)								
SWT	Non-HRP		Increase	USD	9,750	9,750	10,500	10,500
SWT	HRP		Increase	USD	10,725	9,750	11,550	10,500
BTIC EMINI SP REGIONAL BANKS SECTOR (RKT)								
RKT	Non-HRP		Increase	USD	7,250	7,250	7,750	7,750
RKT	HRP		Increase	USD	7,975	7,250	8,525	7,750
BTIC EMINI SP RETAIL SELECT (RET)								

SPAN MINIMUM PERFORMANCE BOND REQUIREMENTS

CC	Rate Type	Description	Change	ISO	Current Initial	Current Maintenance	New Initial	New Maintenance
Outright Rates								
RET	Non-HRP		Increase	USD	4,500	4,500	5,250	5,250
RET	HRP		Increase	USD	4,950	4,500	5,775	5,250
BTIC E-MINI SP500 CONS DISCRET TAI (XYT)								
XYT	Non-HRP		Increase	USD	8,500	8,500	10,200	10,200
XYT	HRP		Increase	USD	9,350	8,500	11,220	10,200
BTIC EMINI USD FTSE 100 INDEX FUT (FTB)								
FTB	Non-HRP		Increase	USD	3,000	3,000	3,300	3,300
FTB	HRP		Increase	USD	3,300	3,000	3,630	3,300
BTIC ON ADJ INT RT RUSS 1000 TOT RT (ART)								
ART	Non-HRP		Increase	USD	7,800	7,800	8,200	8,200
ART	HRP		Increase	USD	8,580	7,800	9,020	8,200
BTIC ON E-MINI COM SERVICES SECTOR (XZT)								
XZT	Non-HRP		Increase	USD	5,500	5,500	6,000	6,000
XZT	HRP		Increase	USD	6,050	5,500	6,600	6,000
BTIC ON EMINI RUSSELL 1000 VALUE (RVT)								
RVT	Non-HRP		Increase	USD	4,700	4,700	4,900	4,900
RVT	HRP		Increase	USD	5,170	4,700	5,390	4,900
BTIC ON EMINI RUSSELL 2000 GROWTH I (2GT)								
2GT	Non-HRP		Increase	USD	4,200	4,200	4,600	4,600
2GT	HRP		Increase	USD	4,620	4,200	5,060	4,600
BTIC ON EMINI RUSSELL 2000 VALUE IN (2VT)								
2VT	Non-HRP		Increase	USD	7,700	7,700	8,400	8,400
2VT	HRP		Increase	USD	8,470	7,700	9,240	8,400
BTIC ON E-MINI S&P EUROPE 350 ESG (E3T)								
E3T	Non-HRP		Increase	EUR	3,500	3,500	3,900	3,900
E3T	HRP		Increase	EUR	3,850	3,500	4,290	3,900
BTIC ON USD DENOMINATED TOPIX FUT (TPT)								
TPT	Non-HRP		Increase	USD	7,200	7,200	8,500	8,500
TPT	HRP		Increase	USD	7,920	7,200	9,350	8,500
BTIC ON YEN DENOMINATED TOPIX FUT (TPB)								
TPB	Non-HRP		Increase	JPY	720,000	720,000	850,000	850,000
TPB	HRP		Increase	JPY	792,000	720,000	935,000	850,000
BTIC REAL ESTATE SELECT INDEX FUT (XRT)								
XRT	Non-HRP		Increase	USD	2,500	2,500	2,750	2,750
XRT	HRP		Increase	USD	2,750	2,500	3,025	2,750

SPAN MINIMUM PERFORMANCE BOND REQUIREMENTS

CC	Rate Type	Description	Change	ISO	Current Initial	Current Maintenance	New Initial	New Maintenance
Outright Rates								
BTIC SP 500 ENERGY SELECT SECTOR (XET)								
XET	Non-HRP		Increase	USD	5,750	5,750	6,000	6,000
XET	HRP		Increase	USD	6,325	5,750	6,600	6,000
BTIC SP 500 FINANCIAL SECTOR TIC (XFT)								
XFT	Non-HRP		Increase	USD	5,000	5,000	5,750	5,750
XFT	HRP		Increase	USD	5,500	5,000	6,325	5,750
BTIC SP 500 HEALTH CARE SECTOR TIC (XVT)								
XVT	Non-HRP		Increase	USD	5,000	5,000	5,500	5,500
XVT	HRP		Increase	USD	5,500	5,000	6,050	5,500
BTIC SP 500 INDUSTTRIAL SECTOR TIC (XIT)								
XIT	Non-HRP		Increase	USD	4,800	4,800	5,500	5,500
XIT	HRP		Increase	USD	5,280	4,800	6,050	5,500
BTIC SP 500 MATERIALS SEL SECTOR (XBT)								
XBT	Non-HRP		Increase	USD	4,100	4,100	4,300	4,300
XBT	HRP		Increase	USD	4,510	4,100	4,730	4,300
BTIC SP 500 TECHNOLOGY SECTOR TIC (XKT)								
XKT	Non-HRP		Increase	USD	11,500	11,500	13,800	13,800
XKT	HRP		Increase	USD	12,650	11,500	15,180	13,800
BTIC SP 500 UTILITIES SEL SECTOR (XUT)								
XUT	Non-HRP		Increase	USD	3,400	3,400	3,600	3,600
XUT	HRP		Increase	USD	3,740	3,400	3,960	3,600
E-MINI COM SELECT SECTOR MARKER (XZI)								
XZI	Non-HRP		Increase	USD	5,500	5,500	6,000	6,000
XZI	HRP		Increase	USD	6,050	5,500	6,600	6,000
E-MINI COM SERVICES SELECT SECTOR (XAZ)								
XAZ	Non-HRP		Increase	USD	5,500	5,500	6,000	6,000
XAZ	HRP		Increase	USD	6,050	5,500	6,600	6,000
E-MINI FTSE 100 INDEX FUTURES (FT1)								
FT1	Non-HRP		Increase	GBP	3,600	3,600	4,200	4,200
FT1	HRP		Increase	GBP	3,960	3,600	4,620	4,200
EMINI FTSE 100 VALUE SYN MARKER (FTI)								
FTI	Non-HRP		Increase	GBP	3,600	3,600	4,200	4,200
FTI	HRP		Increase	GBP	3,960	3,600	4,620	4,200

SPAN MINIMUM PERFORMANCE BOND REQUIREMENTS

CC	Rate Type	Description	Change	ISO	Current Initial	Current Maintenance	New Initial	New Maintenance
Outright Rates								
EMINI PHLX SEMICONDUCTOR (SOX)								
SOX	Non-HRP		Increase	USD	10,500	10,500	12,600	12,600
SOX	HRP		Increase	USD	11,550	10,500	13,860	12,600
E-MINI REAL ESTATE INDEX MARKER (XRI)								
XRI	Non-HRP		Increase	USD	2,500	2,500	2,750	2,750
XRI	HRP		Increase	USD	2,750	2,500	3,025	2,750
EMINI RUSSELL 1000 GROWTH FUT (RSG)								
RSG	Non-HRP		Increase	USD	8,500	8,500	9,600	9,600
RSG	HRP		Increase	USD	9,350	8,500	10,560	9,600
EMINI RUSSELL 1000 INDEX FUTURES (RS1)								
RS1	Non-HRP		Increase	USD	7,800	7,800	8,200	8,200
RS1	HRP		Increase	USD	8,580	7,800	9,020	8,200
EMINI RUSSELL 1000 VALUE (RSV)								
RSV	Non-HRP		Increase	USD	4,700	4,700	4,900	4,900
RSV	HRP		Increase	USD	5,170	4,700	5,390	4,900
EMINI RUSSELL 2000 SYN MARKER (RTI)								
RTI	Non-HRP		Increase	USD	7,700	7,700	8,400	8,400
RTI	HRP		Increase	USD	8,470	7,700	9,240	8,400
EMINI RUSSELL 2000 GROWTH INDEX FUT (R2G)								
R2G	Non-HRP		Increase	USD	4,200	4,200	4,600	4,600
R2G	HRP		Increase	USD	4,620	4,200	5,060	4,600
EMINI RUSSELL 2000 GROWTH MARKER (2GI)								
2GI	Non-HRP		Increase	USD	4,200	4,200	4,600	4,600
2GI	HRP		Increase	USD	4,620	4,200	5,060	4,600
EMINI RUSSELL 2000 VALUE IND MARKER (2VI)								
2VI	Non-HRP		Increase	USD	7,700	7,700	8,400	8,400
2VI	HRP		Increase	USD	8,470	7,700	9,240	8,400
EMINI RUSSELL 2000 VALUE INDEX FUTU (R2V)								
R2V	Non-HRP		Increase	USD	7,700	7,700	8,400	8,400
R2V	HRP		Increase	USD	8,470	7,700	9,240	8,400
E-MINI S&P EUR 350 ESG INDEX MARKER (E3M)								
E3M	Non-HRP		Increase	EUR	3,500	3,500	3,900	3,900
E3M	HRP		Increase	EUR	3,850	3,500	4,290	3,900

SPAN MINIMUM PERFORMANCE BOND REQUIREMENTS

CC	Rate Type	Description	Change	ISO	Current Initial	Current Maintenance	New Initial	New Maintenance
Outright Rates								
E-MINI S&P EUROPE 350 ESG INDEX FUT (E3G)								
E3G	Non-HRP		Increase	EUR	3,500	3,500	3,900	3,900
E3G	HRP		Increase	EUR	3,850	3,500	4,290	3,900
EMINI SP 500 CONS STAPLES SECTOR IX (XAP)								
XAP	Non-HRP		Increase	USD	2,250	2,250	2,500	2,500
XAP	HRP		Increase	USD	2,475	2,250	2,750	2,500
EMINI SP 500 ENERGY SECTOR INDEX (XAE)								
XAE	Non-HRP		Increase	USD	5,750	5,750	6,000	6,000
XAE	HRP		Increase	USD	6,325	5,750	6,600	6,000
EMINI SP BIOTECH SELECT INDUSTRY (SXT)								
SXT	Non-HRP		Increase	USD	5,250	5,250	5,500	5,500
SXT	HRP		Increase	USD	5,775	5,250	6,050	5,500
EMINI SP INSURANCE SELECT INDUSTRY (SXI)								
SXI	Non-HRP		Increase	USD	4,000	4,000	4,800	4,800
SXI	HRP		Increase	USD	4,400	4,000	5,280	4,800
EMINI SP OIL & GAS SELECT INDUSTRY (SXO)								
SXO	Non-HRP		Increase	USD	9,750	9,750	10,500	10,500
SXO	HRP		Increase	USD	10,725	9,750	11,550	10,500
EMINI SP REGIONAL BANKS SECTOR (SXB)								
SXB	Non-HRP		Increase	USD	7,250	7,250	7,750	7,750
SXB	HRP		Increase	USD	7,975	7,250	8,525	7,750
EMINI SP RETAIL SELECT INDUSTRY (SXR)								
SXR	Non-HRP		Increase	USD	4,500	4,500	5,250	5,250
SXR	HRP		Increase	USD	4,950	4,500	5,775	5,250
EMINI SP500 - FINANCIAL SECT INDEX (XAF)								
XAF	Non-HRP		Increase	USD	5,000	5,000	5,750	5,750
XAF	HRP		Increase	USD	5,500	5,000	6,325	5,750
E-MINI SP500 CONS DISCRET SECTOR IX (XAY)								
XAY	Non-HRP		Increase	USD	8,500	8,500	10,200	10,200
XAY	HRP		Increase	USD	9,350	8,500	11,220	10,200
E-MINI SP500 CONS DISCRET SYNTHETIC (1YT)								
1YT	Non-HRP		Increase	USD	8,500	8,500	10,200	10,200
1YT	HRP		Increase	USD	9,350	8,500	11,220	10,200

SPAN MINIMUM PERFORMANCE BOND REQUIREMENTS

CC	Rate Type	Description	Change	ISO	Current Initial	Current Maintenance	New Initial	New Maintenance
Outright Rates								
EMINI SP500- HEALTH CARE SECT INDEX (XAV)								
XAV	Non-HRP		Increase	USD	5,000	5,000	5,500	5,500
XAV	HRP		Increase	USD	5,500	5,000	6,050	5,500
EMINI SP500 MATERIALS SECTOR INDEX (XAB)								
XAB	Non-HRP		Increase	USD	4,100	4,100	4,300	4,300
XAB	HRP		Increase	USD	4,510	4,100	4,730	4,300
EMINI SP500-INDUSTRIAL SECTOR INDEX (XAI)								
XAI	Non-HRP		Increase	USD	4,800	4,800	5,500	5,500
XAI	HRP		Increase	USD	5,280	4,800	6,050	5,500
EMINI SP500-TECHNOLOGY SECTOR INDEX (XAK)								
XAK	Non-HRP		Increase	USD	11,500	11,500	13,800	13,800
XAK	HRP		Increase	USD	12,650	11,500	15,180	13,800
EMINI SP500-UTILITIES SECTOR INDEX (XAU)								
XAU	Non-HRP		Increase	USD	3,400	3,400	3,600	3,600
XAU	HRP		Increase	USD	3,740	3,400	3,960	3,600
EMINI USD FTSE 100 INDEX FUTURE (FTU)								
FTU	Non-HRP		Increase	USD	3,000	3,000	3,300	3,300
FTU	HRP		Increase	USD	3,300	3,000	3,630	3,300
EMINI USD FTSE100 VALUE SYN MARKER (FTZ)								
FTZ	Non-HRP		Increase	USD	3,000	3,000	3,300	3,300
FTZ	HRP		Increase	USD	3,300	3,000	3,630	3,300
FTSE DEVELOPED EUROPE INDEX FUTURES (DVE)								
DVE	Non-HRP		Increase	EUR	2,900	2,900	3,300	3,300
DVE	HRP		Increase	EUR	3,190	2,900	3,630	3,300
FTSE EMERGING INDEX FUTURES (EI)								
EI	Non-HRP		Increase	USD	2,700	2,700	3,100	3,100
EI	HRP		Increase	USD	2,970	2,700	3,410	3,100
REAL ESTATE SELECT SECTOR FUTURES (XAR)								
XAR	Non-HRP		Increase	USD	2,500	2,500	2,750	2,750
XAR	HRP		Increase	USD	2,750	2,500	3,025	2,750

SPAN MINIMUM PERFORMANCE BOND REQUIREMENTS

CC	Rate Type	Description	Change	ISO	Current Initial	Current Maintenance	New Initial	New Maintenance
Outright Rates								
S&P 500 ANNUAL DIVIDEND INDEX FUT (SDA)								
SDA	Non-HRP	Month 5	Increase	USD	510	510	590	590
SDA	HRP	Month 5	Increase	USD	561	510	649	590
SDA	Non-HRP	Month 6	Increase	USD	510	510	590	590
SDA	HRP	Month 6	Increase	USD	561	510	649	590
SDA	Non-HRP	Month 7	Increase	USD	510	510	590	590
SDA	HRP	Month 7	Increase	USD	561	510	649	590
SDA	Non-HRP	Month 8	Increase	USD	510	510	590	590
SDA	HRP	Month 8	Increase	USD	561	510	649	590
SDA	Non-HRP	Month 9	Increase	USD	510	510	590	590
SDA	HRP	Month 9	Increase	USD	561	510	649	590
SDA	Non-HRP	Month 10	Increase	USD	510	510	590	590
SDA	HRP	Month 10	Increase	USD	561	510	649	590
SDA	Non-HRP	Month 11	Increase	USD	510	510	590	590
SDA	HRP	Month 11	Increase	USD	561	510	649	590
SP 500 - CONS STAPLES SYNTHETIC (1PT)								
1PT	Non-HRP		Increase	USD	2,250	2,250	2,500	2,500
1PT	HRP		Increase	USD	2,475	2,250	2,750	2,500
SP 500 - INDUSTRIAL SEL SECTOR SYNT (1IT)								
1IT	Non-HRP		Increase	USD	4,800	4,800	5,500	5,500
1IT	HRP		Increase	USD	5,280	4,800	6,050	5,500
SP 500 ENERGY SLCT SEC SYNTHETIC (1ET)								
1ET	Non-HRP		Increase	USD	5,750	5,750	6,000	6,000
1ET	HRP		Increase	USD	6,325	5,750	6,600	6,000
SP 500 FINANCIAL SLCT SEC SYNT (1FT)								
1FT	Non-HRP		Increase	USD	5,000	5,000	5,750	5,750
1FT	HRP		Increase	USD	5,500	5,000	6,325	5,750
SP 500 HEALTH CARE SECTOR SYNTHETIC (1VT)								
1VT	Non-HRP		Increase	USD	5,000	5,000	5,500	5,500
1VT	HRP		Increase	USD	5,500	5,000	6,050	5,500
SP 500 MATERIALS SEL SECTOR SYNTH (1BT)								
1BT	Non-HRP		Increase	USD	4,100	4,100	4,300	4,300
1BT	HRP		Increase	USD	4,510	4,100	4,730	4,300
SP 500 TECHNOLOGY SECTOR SYNTH (1KT)								
1KT	Non-HRP		Increase	USD	11,500	11,500	13,800	13,800
1KT	HRP		Increase	USD	12,650	11,500	15,180	13,800

SPAN MINIMUM PERFORMANCE BOND REQUIREMENTS

CC	Rate Type	Description	Change	ISO	Current Initial	Current Maintenance	New Initial	New Maintenance
----	-----------	-------------	--------	-----	-----------------	---------------------	-------------	-----------------

Outright Rates

SP 500 UTILITIES SEL SECTOR SYNTH (1UT)

1UT	Non-HRP		Increase	USD	3,400	3,400	3,600	3,600
1UT	HRP		Increase	USD	3,740	3,400	3,960	3,600

USD DENOMINATED TOPIX FUT MARKER (TDI)

TDI	Non-HRP		Increase	USD	7,200	7,200	8,500	8,500
TDI	HRP		Increase	USD	7,920	7,200	9,350	8,500

USD DENOMINATED TOPIX FUTURES (TPD)

TPD	Non-HRP		Increase	USD	7,200	7,200	8,500	8,500
TPD	HRP		Increase	USD	7,920	7,200	9,350	8,500

YEN DENOMINATED TOPIX FUTURES (TPY)

TPY	Non-HRP		Increase	JPY	720,000	720,000	850,000	850,000
TPY	HRP		Increase	JPY	792,000	720,000	935,000	850,000

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	Increase	USD	150	150	175	175
YIY	HRP	Month 3	Increase	USD	165	150	193	175
YIY	Non-HRP	Month 4	Increase	USD	200	200	225	225
YIY	HRP	Month 4	Increase	USD	220	200	248	225
YIY	Non-HRP	Month 5	Increase	USD	275	275	325	325
YIY	HRP	Month 5	Increase	USD	303	275	358	325
YIY	Non-HRP	Month 6	Increase	USD	350	350	400	400
YIY	HRP	Month 6	Increase	USD	385	350	440	400
YIY	Non-HRP	Month 7	Increase	USD	400	400	475	475
YIY	HRP	Month 7	Increase	USD	440	400	523	475
YIY	Non-HRP	Month 8	Increase	USD	450	450	525	525
YIY	HRP	Month 8	Increase	USD	495	450	578	525
YIY	Non-HRP	Month 9	Increase	USD	500	500	575	575
YIY	HRP	Month 9	Increase	USD	550	500	633	575
YIY	Non-HRP	Month 10	Increase	USD	550	550	650	650
YIY	HRP	Month 10	Increase	USD	605	550	715	650
YIY	Non-HRP	Month 11	Increase	USD	600	600	700	700
YIY	HRP	Month 11	Increase	USD	660	600	770	700
YIY	Non-HRP	Month 12	Increase	USD	650	650	750	750
YIY	HRP	Month 12	Increase	USD	715	650	825	750
YIY	Non-HRP	Month 13	Increase	USD	700	700	800	800
YIY	HRP	Month 13	Increase	USD	770	700	880	800
YIY	Non-HRP	Month 14	Increase	USD	750	750	825	825
YIY	HRP	Month 14	Increase	USD	825	750	908	825
YIY	Non-HRP	Month 15	Increase	USD	800	800	875	875
YIY	HRP	Month 15	Increase	USD	880	800	963	875
YIY	Non-HRP	Month 16	Increase	USD	850	850	925	925
YIY	HRP	Month 16	Increase	USD	935	850	1,018	925
YIY	Non-HRP	Month 17	Increase	USD	875	875	950	950
YIY	HRP	Month 17	Increase	USD	963	875	1,045	950
YIY	Non-HRP	Month 18	Increase	USD	925	925	1,000	1,000
YIY	HRP	Month 18	Increase	USD	1,018	925	1,100	1,000
YIY	Non-HRP	Month 19	Increase	USD	975	975	1,050	1,050
YIY	HRP	Month 19	Increase	USD	1,073	975	1,155	1,050
YIY	Non-HRP	Month 20	Increase	USD	1,000	1,000	1,075	1,075
YIY	HRP	Month 20	Increase	USD	1,100	1,000	1,183	1,075
YIY	Non-HRP	Month 21	Increase	USD	1,025	1,025	1,100	1,100
YIY	HRP	Month 21	Increase	USD	1,128	1,025	1,210	1,100
YIY	Non-HRP	Month 22	Increase	USD	1,075	1,075	1,150	1,150

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	Increase	USD	1,183	1,075	1,265	1,150
YIY	Non-HRP	Month 23	Increase	USD	1,075	1,075	1,150	1,150
YIY	HRP	Month 23	Increase	USD	1,183	1,075	1,265	1,150
YIY	Non-HRP	Month 24	Increase	USD	1,100	1,100	1,175	1,175
YIY	HRP	Month 24	Increase	USD	1,210	1,100	1,293	1,175
YIY	Non-HRP	Month 25	Increase	USD	1,125	1,125	1,200	1,200
YIY	HRP	Month 25	Increase	USD	1,238	1,125	1,320	1,200
YIY	Non-HRP	Month 26	Increase	USD	1,150	1,150	1,225	1,225
YIY	HRP	Month 26	Increase	USD	1,265	1,150	1,348	1,225
YIY	Non-HRP	Month 27	Increase	USD	1,175	1,175	1,250	1,250
YIY	HRP	Month 27	Increase	USD	1,293	1,175	1,375	1,250
YIY	Non-HRP	Month 28	Increase	USD	1,200	1,200	1,275	1,275
YIY	HRP	Month 28	Increase	USD	1,320	1,200	1,403	1,275
YIY	Non-HRP	Month 29	Increase	USD	1,225	1,225	1,300	1,300
YIY	HRP	Month 29	Increase	USD	1,348	1,225	1,430	1,300
YIY	Non-HRP	Month 30	Increase	USD	1,250	1,250	1,325	1,325
YIY	HRP	Month 30	Increase	USD	1,375	1,250	1,458	1,325
YIY	Non-HRP	Month 31	Increase	USD	1,275	1,275	1,350	1,350
YIY	HRP	Month 31	Increase	USD	1,403	1,275	1,485	1,350
YIY	Non-HRP	Month 32	Increase	USD	1,300	1,300	1,375	1,375
YIY	HRP	Month 32	Increase	USD	1,430	1,300	1,513	1,375
YIY	Non-HRP	Month 33	Increase	USD	1,325	1,325	1,400	1,400
YIY	HRP	Month 33	Increase	USD	1,458	1,325	1,540	1,400
YIY	Non-HRP	Month 34	Increase	USD	1,350	1,350	1,425	1,425
YIY	HRP	Month 34	Increase	USD	1,485	1,350	1,568	1,425
YIY	Non-HRP	Month 35	Increase	USD	1,400	1,400	1,475	1,475
YIY	HRP	Month 35	Increase	USD	1,540	1,400	1,623	1,475
YIY	Non-HRP	Month 36	Increase	USD	1,475	1,475	1,575	1,575
YIY	HRP	Month 36	Increase	USD	1,623	1,475	1,733	1,575
YIY	Non-HRP	Month 37	Increase	USD	1,500	1,500	1,600	1,600
YIY	HRP	Month 37	Increase	USD	1,650	1,500	1,760	1,600
YIY	Non-HRP	Month 38	Increase	USD	1,550	1,550	1,650	1,650
YIY	HRP	Month 38	Increase	USD	1,705	1,550	1,815	1,650
YIY	Non-HRP	Month 39	Increase	USD	1,600	1,600	1,700	1,700
YIY	HRP	Month 39	Increase	USD	1,760	1,600	1,870	1,700
YIY	Non-HRP	Month 40	Increase	USD	1,650	1,650	1,750	1,750
YIY	HRP	Month 40	Increase	USD	1,815	1,650	1,925	1,750
YIY	Non-HRP	Month 41	Increase	USD	1,700	1,700	1,800	1,800
YIY	HRP	Month 41	Increase	USD	1,870	1,700	1,980	1,800
YIY	Non-HRP	Month 42	Increase	USD	1,700	1,700	1,800	1,800

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	Increase	USD	1,870	1,700	1,980	1,800
13-WEEK U.S. TREASURY BILL FUTURES (TBF3)								
TBF3	Non-HRP	Month 1	Increase	USD	260	260	300	300
TBF3	HRP	Month 1	Increase	USD	286	260	330	300
TBF3	Non-HRP	Month 2	Increase	USD	340	340	390	390
TBF3	HRP	Month 2	Increase	USD	374	340	429	390
TBF3	Non-HRP	Month 3	Increase	USD	385	385	440	440
TBF3	HRP	Month 3	Increase	USD	424	385	484	440
TBF3	Non-HRP	Month 4	Increase	USD	500	500	575	575
TBF3	HRP	Month 4	Increase	USD	550	500	633	575
TBF3	Non-HRP	Month 5	Increase	USD	600	600	700	700
TBF3	HRP	Month 5	Increase	USD	660	600	770	700
TBF3	Non-HRP	Month 6+	Increase	USD	675	675	750	750
TBF3	HRP	Month 6+	Increase	USD	743	675	825	750
1-YEAR ERIS SOFR SWAP FUTURES (YIA)								
YIA	Non-HRP	Month 3	Increase	USD	100	100	120	120
YIA	HRP	Month 3	Increase	USD	110	100	132	120
YIA	Non-HRP	Month 4	Increase	USD	150	150	175	175
YIA	HRP	Month 4	Increase	USD	165	150	193	175
YIA	Non-HRP	Month 5	Increase	USD	275	275	325	325
YIA	HRP	Month 5	Increase	USD	303	275	358	325
YIA	Non-HRP	Month 6	Increase	USD	275	275	325	325
YIA	HRP	Month 6	Increase	USD	303	275	358	325
YIA	Non-HRP	Month 7	Increase	USD	275	275	325	325
YIA	HRP	Month 7	Increase	USD	303	275	358	325
2 YEAR TAS FUTURES (ZTT)								
ZTT	Non-HRP	Mnth 1	Increase	USD	1,050	1,050	1,150	1,150
ZTT	HRP	Mnth 1	Increase	USD	1,155	1,050	1,265	1,150
ZTT	Non-HRP	Mnths 2+	Increase	USD	1,100	1,100	1,150	1,150
ZTT	HRP	Mnths 2+	Increase	USD	1,210	1,100	1,265	1,150
2 YEAR TREASURY NOTE FUTURES (26)								
26	Non-HRP	Mnth 1	Increase	USD	1,050	1,050	1,150	1,150
26	HRP	Mnth 1	Increase	USD	1,155	1,050	1,265	1,150
26	Non-HRP	Mnths 2+	Increase	USD	1,100	1,100	1,150	1,150
26	HRP	Mnths 2+	Increase	USD	1,210	1,100	1,265	1,150

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 2	Increase	USD	60	60	70	70
YIT	HRP	Month 2	Increase	USD	66	60	77	70
YIT	Non-HRP	Month 3	Increase	USD	125	125	150	150
YIT	HRP	Month 3	Increase	USD	138	125	165	150
YIT	Non-HRP	Month 4	Increase	USD	175	175	200	200
YIT	HRP	Month 4	Increase	USD	193	175	220	200
YIT	Non-HRP	Month 5	Increase	USD	225	225	250	250
YIT	HRP	Month 5	Increase	USD	248	225	275	250
YIT	Non-HRP	Month 6	Increase	USD	300	300	350	350
YIT	HRP	Month 6	Increase	USD	330	300	385	350
YIT	Non-HRP	Month 7	Increase	USD	375	375	450	450
YIT	HRP	Month 7	Increase	USD	413	375	495	450
YIT	Non-HRP	Month 8	Increase	USD	425	425	500	500
YIT	HRP	Month 8	Increase	USD	468	425	550	500
YIT	Non-HRP	Month 9	Increase	USD	600	600	625	625
YIT	HRP	Month 9	Increase	USD	660	600	688	625

SPAN MINIMUM PERFORMANCE BOND REQUIREMENTS

CC	Rate Type	Description	Change	ISO	Current Initial	Current Maintenance	New Initial	New Maintenance
----	-----------	-------------	--------	-----	-----------------	---------------------	-------------	-----------------

Outright Rates

3-YEAR ERIS SOFR SWAP FUTURES (YIC)

YIC	Non-HRP	Month 4	Increase	USD	200	200	225	225
YIC	HRP	Month 4	Increase	USD	220	200	248	225
YIC	Non-HRP	Month 5	Increase	USD	275	275	325	325
YIC	HRP	Month 5	Increase	USD	303	275	358	325
YIC	Non-HRP	Month 6	Increase	USD	325	325	375	375
YIC	HRP	Month 6	Increase	USD	358	325	413	375
YIC	Non-HRP	Month 7	Increase	USD	400	400	475	475
YIC	HRP	Month 7	Increase	USD	440	400	523	475
YIC	Non-HRP	Month 8	Increase	USD	475	475	550	550
YIC	HRP	Month 8	Increase	USD	523	475	605	550
YIC	Non-HRP	Month 9	Increase	USD	525	525	600	600
YIC	HRP	Month 9	Increase	USD	578	525	660	600
YIC	Non-HRP	Month 10	Increase	USD	575	575	650	650
YIC	HRP	Month 10	Increase	USD	633	575	715	650
YIC	Non-HRP	Month 11	Increase	USD	625	625	700	700
YIC	HRP	Month 11	Increase	USD	688	625	770	700
YIC	Non-HRP	Month 12	Increase	USD	700	700	750	750
YIC	HRP	Month 12	Increase	USD	770	700	825	750
YIC	Non-HRP	Month 13	Increase	USD	750	750	800	800
YIC	HRP	Month 13	Increase	USD	825	750	880	800
YIC	Non-HRP	Month 14	Increase	USD	750	750	800	800
YIC	HRP	Month 14	Increase	USD	825	750	880	800
YIC	Non-HRP	Month 15	Increase	USD	750	750	800	800
YIC	HRP	Month 15	Increase	USD	825	750	880	800

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 4	Increase	USD	200	200	225	225
YID	HRP	Month 4	Increase	USD	220	200	248	225
YID	Non-HRP	Month 5	Increase	USD	250	250	300	300
YID	HRP	Month 5	Increase	USD	275	250	330	300
YID	Non-HRP	Month 6	Increase	USD	350	350	400	400
YID	HRP	Month 6	Increase	USD	385	350	440	400
YID	Non-HRP	Month 7	Increase	USD	400	400	475	475
YID	HRP	Month 7	Increase	USD	440	400	523	475
YID	Non-HRP	Month 8	Increase	USD	450	450	525	525
YID	HRP	Month 8	Increase	USD	495	450	578	525
YID	Non-HRP	Month 9	Increase	USD	500	500	575	575
YID	HRP	Month 9	Increase	USD	550	500	633	575
YID	Non-HRP	Month 10	Increase	USD	550	550	625	625
YID	HRP	Month 10	Increase	USD	605	550	688	625
YID	Non-HRP	Month 11	Increase	USD	625	625	725	725
YID	HRP	Month 11	Increase	USD	688	625	798	725
YID	Non-HRP	Month 12	Increase	USD	675	675	775	775
YID	HRP	Month 12	Increase	USD	743	675	853	775
YID	Non-HRP	Month 13	Increase	USD	725	725	825	825
YID	HRP	Month 13	Increase	USD	798	725	908	825
YID	Non-HRP	Month 14	Increase	USD	775	775	875	875
YID	HRP	Month 14	Increase	USD	853	775	963	875
YID	Non-HRP	Month 15	Increase	USD	800	800	925	925
YID	HRP	Month 15	Increase	USD	880	800	1,018	925
YID	Non-HRP	Month 16	Increase	USD	850	850	950	950
YID	HRP	Month 16	Increase	USD	935	850	1,045	950
YID	Non-HRP	Month 17	Increase	USD	925	925	1,000	1,000
YID	HRP	Month 17	Increase	USD	1,018	925	1,100	1,000
YID	Non-HRP	Month 18	Increase	USD	925	925	1,000	1,000
YID	HRP	Month 18	Increase	USD	1,018	925	1,100	1,000
YID	Non-HRP	Month 19+	Increase	USD	925	925	1,000	1,000
YID	HRP	Month 19+	Increase	USD	1,018	925	1,100	1,000

SPAN MINIMUM PERFORMANCE BOND REQUIREMENTS

CC	Rate Type	Description	Change	ISO	Current Initial	Current Maintenance	New Initial	New Maintenance
Outright Rates								
5-YEAR ERIS SOFR SWAP FUTURES (YIW)								
YIW	Non-HRP	Month 4	Increase	USD	175	175	200	200
YIW	HRP	Month 4	Increase	USD	193	175	220	200
YIW	Non-HRP	Month 5	Increase	USD	250	250	300	300
YIW	HRP	Month 5	Increase	USD	275	250	330	300
YIW	Non-HRP	Month 6	Increase	USD	325	325	375	375
YIW	HRP	Month 6	Increase	USD	358	325	413	375
YIW	Non-HRP	Month 7	Increase	USD	375	375	450	450
YIW	HRP	Month 7	Increase	USD	413	375	495	450
YIW	Non-HRP	Month 8	Increase	USD	475	475	550	550
YIW	HRP	Month 8	Increase	USD	523	475	605	550
YIW	Non-HRP	Month 9	Increase	USD	525	525	600	600
YIW	HRP	Month 9	Increase	USD	578	525	660	600
YIW	Non-HRP	Month 10	Increase	USD	575	575	650	650
YIW	HRP	Month 10	Increase	USD	633	575	715	650
YIW	Non-HRP	Month 11	Increase	USD	625	625	700	700
YIW	HRP	Month 11	Increase	USD	688	625	770	700
YIW	Non-HRP	Month 12	Increase	USD	650	650	725	725
YIW	HRP	Month 12	Increase	USD	715	650	798	725
YIW	Non-HRP	Month 13	Increase	USD	700	700	775	775
YIW	HRP	Month 13	Increase	USD	770	700	853	775
YIW	Non-HRP	Month 14	Increase	USD	725	725	825	825
YIW	HRP	Month 14	Increase	USD	798	725	908	825
YIW	Non-HRP	Month 15	Increase	USD	800	800	900	900
YIW	HRP	Month 15	Increase	USD	880	800	990	900
YIW	Non-HRP	Month 16	Increase	USD	850	850	950	950
YIW	HRP	Month 16	Increase	USD	935	850	1,045	950
YIW	Non-HRP	Month 17	Increase	USD	900	900	1,000	1,000
YIW	HRP	Month 17	Increase	USD	990	900	1,100	1,000
YIW	Non-HRP	Month 18	Increase	USD	925	925	1,050	1,050
YIW	HRP	Month 18	Increase	USD	1,018	925	1,155	1,050
YIW	Non-HRP	Month 19	Increase	USD	1,000	1,000	1,100	1,100
YIW	HRP	Month 19	Increase	USD	1,100	1,000	1,210	1,100
YIW	Non-HRP	Month 20	Increase	USD	1,050	1,050	1,150	1,150
YIW	HRP	Month 20	Increase	USD	1,155	1,050	1,265	1,150
YIW	Non-HRP	Month 21	Increase	USD	1,100	1,100	1,200	1,200
YIW	HRP	Month 21	Increase	USD	1,210	1,100	1,320	1,200
YIW	Non-HRP	Month 22	Increase	USD	1,100	1,100	1,200	1,200
YIW	HRP	Month 22	Increase	USD	1,210	1,100	1,320	1,200
YIW	Non-HRP	Month 23	Increase	USD	1,100	1,100	1,200	1,200

SPAN MINIMUM PERFORMANCE BOND REQUIREMENTS

CC	Rate Type	Description	Change	ISO	Current Initial	Current Maintenance	New Initial	New Maintenance
Outright Rates								
YIW	HRP	Month 23	Increase	USD	1,210	1,100	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								
7-YEAR ERIS SOFR SWAP FUTURES (YIB)								
YIB	Non-HRP	Month 3	Increase	USD	150	150	175	175
YIB	HRP	Month 3	Increase	USD	165	150	193	175
YIB	Non-HRP	Month 4	Increase	USD	200	200	225	225
YIB	HRP	Month 4	Increase	USD	220	200	248	225
YIB	Non-HRP	Month 5	Increase	USD	250	250	300	300
YIB	HRP	Month 5	Increase	USD	275	250	330	300
YIB	Non-HRP	Month 6	Increase	USD	325	325	375	375
YIB	HRP	Month 6	Increase	USD	358	325	413	375
YIB	Non-HRP	Month 7	Increase	USD	425	425	500	500
YIB	HRP	Month 7	Increase	USD	468	425	550	500
YIB	Non-HRP	Month 8	Increase	USD	475	475	550	550
YIB	HRP	Month 8	Increase	USD	523	475	605	550
YIB	Non-HRP	Month 9	Increase	USD	550	550	625	625
YIB	HRP	Month 9	Increase	USD	605	550	688	625
YIB	Non-HRP	Month 10	Increase	USD	625	625	700	700
YIB	HRP	Month 10	Increase	USD	688	625	770	700
YIB	Non-HRP	Month 11	Increase	USD	650	650	725	725
YIB	HRP	Month 11	Increase	USD	715	650	798	725
YIB	Non-HRP	Month 12	Increase	USD	700	700	750	750
YIB	HRP	Month 12	Increase	USD	770	700	825	750
YIB	Non-HRP	Month 13	Increase	USD	725	725	800	800
YIB	HRP	Month 13	Increase	USD	798	725	880	800
YIB	Non-HRP	Month 14	Increase	USD	750	750	825	825
YIB	HRP	Month 14	Increase	USD	825	750	908	825
YIB	Non-HRP	Month 15	Increase	USD	800	800	875	875
YIB	HRP	Month 15	Increase	USD	880	800	963	875
YIB	Non-HRP	Month 16	Increase	USD	850	850	900	900
YIB	HRP	Month 16	Increase	USD	935	850	990	900
YIB	Non-HRP	Month 17	Increase	USD	875	875	925	925
YIB	HRP	Month 17	Increase	USD	963	875	1,018	925
YIB	Non-HRP	Month 18	Increase	USD	900	900	950	950
YIB	HRP	Month 18	Increase	USD	990	900	1,045	950
YIB	Non-HRP	Month 19	Increase	USD	925	925	1,000	1,000
YIB	HRP	Month 19	Increase	USD	1,018	925	1,100	1,000
YIB	Non-HRP	Month 20	Increase	USD	950	950	1,025	1,025
YIB	HRP	Month 20	Increase	USD	1,045	950	1,128	1,025
YIB	Non-HRP	Month 21	Increase	USD	1,000	1,000	1,075	1,075
YIB	HRP	Month 21	Increase	USD	1,100	1,000	1,183	1,075
YIB	Non-HRP	Month 22	Increase	USD	1,100	1,100	1,125	1,125

SPAN MINIMUM PERFORMANCE BOND REQUIREMENTS

CC	Rate Type	Description	Change	ISO	Current Initial	Current Maintenance	New Initial	New Maintenance
Outright Rates								
YIB	HRP	Month 22	Increase	USD	1,210	1,100	1,238	1,125
YIB	Non-HRP	Month 23	Increase	USD	1,125	1,125	1,175	1,175
YIB	HRP	Month 23	Increase	USD	1,238	1,125	1,293	1,175
YIB	Non-HRP	Month 24	Increase	USD	1,150	1,150	1,200	1,200
YIB	HRP	Month 24	Increase	USD	1,265	1,150	1,320	1,200
YIB	Non-HRP	Month 25	Increase	USD	1,200	1,200	1,250	1,250
YIB	HRP	Month 25	Increase	USD	1,320	1,200	1,375	1,250
YIB	Non-HRP	Month 26	Increase	USD	1,250	1,250	1,300	1,300
YIB	HRP	Month 26	Increase	USD	1,375	1,250	1,430	1,300
YIB	Non-HRP	Month 27	Increase	USD	1,275	1,275	1,350	1,350
YIB	HRP	Month 27	Increase	USD	1,403	1,275	1,485	1,350
YIB	Non-HRP	Month 28	Increase	USD	1,350	1,350	1,400	1,400
YIB	HRP	Month 28	Increase	USD	1,485	1,350	1,540	1,400
YIB	Non-HRP	Month 29	Increase	USD	1,400	1,400	1,450	1,450
YIB	HRP	Month 29	Increase	USD	1,540	1,400	1,595	1,450
YIB	Non-HRP	Month 30	Increase	USD	1,400	1,400	1,450	1,450
YIB	HRP	Month 30	Increase	USD	1,540	1,400	1,595	1,450
YIB	Non-HRP	Month 31	Increase	USD	1,400	1,400	1,450	1,450
YIB	HRP	Month 31	Increase	USD	1,540	1,400	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

NGL/PETROCHEMICALS - Outright Rates

ARGUS PROPAN FAR EST INDEX FUT (7E)

7E	Non-HRP	Mnth 1	Decrease	USD	32,500	32,500	30,000	30,000
7E	HRP	Mnth 1	Decrease	USD	35,750	32,500	33,000	30,000
7E	Non-HRP	Mnth 2	Decrease	USD	32,000	32,000	29,000	29,000
7E	HRP	Mnth 2	Decrease	USD	35,200	32,000	31,900	29,000
7E	Non-HRP	Mnth 3	Decrease	USD	30,000	30,000	26,000	26,000
7E	HRP	Mnth 3	Decrease	USD	33,000	30,000	28,600	26,000
7E	Non-HRP	Months 5-7	Decrease	USD	27,000	27,000	25,000	25,000
7E	HRP	Months 5-7	Decrease	USD	29,700	27,000	27,500	25,000
7E	Non-HRP	Months 8+	Decrease	USD	26,000	26,000	24,000	24,000
7E	HRP	Months 8+	Decrease	USD	28,600	26,000	26,400	24,000
7E	Non-HRP	Mnth 4	Decrease	USD	28,000	28,000	26,000	26,000
7E	HRP	Mnth 4	Decrease	USD	30,800	28,000	28,600	26,000

ARGUS PROPAN(SAUDI ARAMCO) FUT (9N)

9N	Non-HRP	Mnth 1	Decrease	USD	35,000	35,000	32,000	32,000
9N	HRP	Mnth 1	Decrease	USD	38,500	35,000	35,200	32,000
9N	Non-HRP	Mnths 2-3	Decrease	USD	31,000	31,000	28,000	28,000
9N	HRP	Mnths 2-3	Decrease	USD	34,100	31,000	30,800	28,000
9N	Non-HRP	Mnths 4-6	Decrease	USD	27,000	27,000	25,000	25,000
9N	HRP	Mnths 4-6	Decrease	USD	29,700	27,000	27,500	25,000
9N	Non-HRP	Mnths 7+	Decrease	USD	25,000	25,000	23,000	23,000
9N	HRP	Mnths 7+	Decrease	USD	27,500	25,000	25,300	23,000

EURO PROPANE CIF ARA FUT (PS)

PS	Non-HRP	Mnth 1	Decrease	USD	34,000	34,000	31,000	31,000
PS	HRP	Mnth 1	Decrease	USD	37,400	34,000	34,100	31,000
PS	Non-HRP	Mths 2	Decrease	USD	33,000	33,000	30,000	30,000
PS	HRP	Mths 2	Decrease	USD	36,300	33,000	33,000	30,000
PS	Non-HRP	Mths 3-4	Decrease	USD	28,000	28,000	26,000	26,000
PS	HRP	Mths 3-4	Decrease	USD	30,800	28,000	28,600	26,000
PS	Non-HRP	Mnths 5-7	Decrease	USD	26,000	26,000	25,000	25,000
PS	HRP	Mnths 5-7	Decrease	USD	28,600	26,000	27,500	25,000

SPAN MINIMUM PERFORMANCE BOND REQUIREMENTS

CC	Rate Type	Description	Change	ISO	Current Initial	Current Maintenance	New Initial	New Maintenance
----	-----------	-------------	--------	-----	-----------------	---------------------	-------------	-----------------

Outright Rates

MIN ARGUS PROPANE SAUDI ARAMCO FUT (MAS)

MAS	Non-HRP	Mnth 1	Decrease	USD	3,500	3,500	3,200	3,200
MAS	HRP	Mnth 1	Decrease	USD	3,850	3,500	3,520	3,200
MAS	Non-HRP	Mnths 2-3	Decrease	USD	3,100	3,100	2,800	2,800
MAS	HRP	Mnths 2-3	Decrease	USD	3,410	3,100	3,080	2,800
MAS	Non-HRP	Mnths 4-6	Decrease	USD	2,700	2,700	2,500	2,500
MAS	HRP	Mnths 4-6	Decrease	USD	2,970	2,700	2,750	2,500
MAS	Non-HRP	Mnths 7+	Decrease	USD	2,500	2,500	2,300	2,300
MAS	HRP	Mnths 7+	Decrease	USD	2,750	2,500	2,530	2,300

MINI ARGUS PROPANE FAR EAST IDX (MAE)

MAE	Non-HRP	Mnth 1	Decrease	USD	3,250	3,250	3,000	3,000
MAE	HRP	Mnth 1	Decrease	USD	3,575	3,250	3,300	3,000
MAE	Non-HRP	Mnth 2	Decrease	USD	3,200	3,200	2,900	2,900
MAE	HRP	Mnth 2	Decrease	USD	3,520	3,200	3,190	2,900
MAE	Non-HRP	Mnth 3	Decrease	USD	3,000	3,000	2,600	2,600
MAE	HRP	Mnth 3	Decrease	USD	3,300	3,000	2,860	2,600
MAE	Non-HRP	Months 5-7	Decrease	USD	2,700	2,700	2,500	2,500
MAE	HRP	Months 5-7	Decrease	USD	2,970	2,700	2,750	2,500
MAE	Non-HRP	Months 8+	Decrease	USD	2,600	2,600	2,400	2,400
MAE	HRP	Months 8+	Decrease	USD	2,860	2,600	2,640	2,400
MAE	Non-HRP	Mnth 4	Decrease	USD	2,800	2,800	2,600	2,600
MAE	HRP	Mnth 4	Decrease	USD	3,080	2,800	2,860	2,600

MINI EURO PROPANE CIF ARA ARGUS FUT (MPS)

MPS	Non-HRP	Mnth 1	Decrease	USD	3,400	3,400	3,100	3,100
MPS	HRP	Mnth 1	Decrease	USD	3,740	3,400	3,410	3,100
MPS	Non-HRP	Mths 2	Decrease	USD	3,300	3,300	3,000	3,000
MPS	HRP	Mths 2	Decrease	USD	3,630	3,300	3,300	3,000
MPS	Non-HRP	Mths 3-4	Decrease	USD	2,800	2,800	2,600	2,600
MPS	HRP	Mths 3-4	Decrease	USD	3,080	2,800	2,860	2,600
MPS	Non-HRP	Mnths 5-7	Decrease	USD	2,600	2,600	2,500	2,500
MPS	HRP	Mnths 5-7	Decrease	USD	2,860	2,600	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

SYNTH 115 ARGUS PROPAN FAR EST IDX (115)

115	Non-HRP	Mnth 1	Decrease	USD	3,250	3,250	3,000	3,000
115	HRP	Mnth 1	Decrease	USD	3,575	3,250	3,300	3,000
115	Non-HRP	Mnth 2	Decrease	USD	3,200	3,200	2,900	2,900
115	HRP	Mnth 2	Decrease	USD	3,520	3,200	3,190	2,900
115	Non-HRP	Mnth 3	Decrease	USD	3,000	3,000	2,600	2,600
115	HRP	Mnth 3	Decrease	USD	3,300	3,000	2,860	2,600
115	Non-HRP	Months 5-7	Decrease	USD	2,700	2,700	2,500	2,500
115	HRP	Months 5-7	Decrease	USD	2,970	2,700	2,750	2,500
115	Non-HRP	Months 8+	Decrease	USD	2,600	2,600	2,400	2,400
115	HRP	Months 8+	Decrease	USD	2,860	2,600	2,640	2,400
115	Non-HRP	Mnth 4	Decrease	USD	2,800	2,800	2,600	2,600
115	HRP	Mnth 4	Decrease	USD	3,080	2,800	2,860	2,600

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								
NGL/PETROCHEMICALS - Intra Spreads								
Argus Propane (Saudi Aramco) Swap - 1 vs. All Months (ARGUS PROPAN(SAUDI ARAMCO) FUT)								
9N	Non-HRP		Decrease	USD	19,000	19,000	16,000	16,000
9N	HRP		Decrease	USD	20,900	19,000	17,600	16,000
Argus Propane (Saudi Aramco) Swap - 1 vs. All Months (MIN ARGUS PROPANE SAUDI ARAMCO FUT)								
MAS	Non-HRP		Decrease	USD	1,900	1,900	1,600	1,600
MAS	HRP		Decrease	USD	2,090	1,900	1,760	1,600
Argus Propane (Saudi Aramco) Swap - 2+ All Months (ARGUS PROPAN(SAUDI ARAMCO) FUT)								
9N	Non-HRP		Decrease	USD	17,000	17,000	14,000	14,000
9N	HRP		Decrease	USD	18,700	17,000	15,400	14,000
Argus Propane (Saudi Aramco) Swap - 2+ All Months (MIN ARGUS PROPANE SAUDI ARAMCO FUT)								
MAS	Non-HRP		Decrease	USD	1,700	1,700	1,400	1,400
MAS	HRP		Decrease	USD	1,870	1,700	1,540	1,400
Argus Propane (Saudi Aramco) Swap - Consecutives (ARGUS PROPAN(SAUDI ARAMCO) FUT)								
9N	Non-HRP		Decrease	USD	9,000	9,000	7,000	7,000
9N	HRP		Decrease	USD	9,900	9,000	7,700	7,000
Argus Propane (Saudi Aramco) Swap - Consecutives (MIN ARGUS PROPANE SAUDI ARAMCO FUT)								
MAS	Non-HRP		Decrease	USD	900	900	700	700
MAS	HRP		Decrease	USD	990	900	770	700
Argus Propane Far East Index Swap - 1v2 (ARGUS PROPAN FAR EST INDEX FUT)								
7E	Non-HRP		Decrease	USD	17,000	17,000	15,000	15,000
7E	HRP		Decrease	USD	18,700	17,000	16,500	15,000
Argus Propane Far East Index Swap - 1v2 (MINI ARGUS PROPANE FAR EAST IDX)								
MAE	Non-HRP		Decrease	USD	1,700	1,700	1,500	1,500
MAE	HRP		Decrease	USD	1,870	1,700	1,650	1,500
Argus Propane Far East Index Swap - 1v2 (SYNTH 115 ARGUS PROPAN FAR EST IDX)								
115	Non-HRP		Decrease	USD	1,700	1,700	1,500	1,500
115	HRP		Decrease	USD	1,870	1,700	1,650	1,500
Argus Propane Far East Index Swap - 2v2 (ARGUS PROPAN FAR EST INDEX FUT)								
7E	Non-HRP		Decrease	USD	13,000	13,000	11,000	11,000
7E	HRP		Decrease	USD	14,300	13,000	12,100	11,000
Argus Propane Far East Index Swap - 2v2 (MINI ARGUS PROPANE FAR EAST IDX)								
MAE	Non-HRP		Decrease	USD	1,300	1,300	1,100	1,100
MAE	HRP		Decrease	USD	1,430	1,300	1,210	1,100

SPAN MINIMUM PERFORMANCE BOND REQUIREMENTS

CC	Rate Type	Description	Change	ISO	Current Initial	Current Maintenance	New Initial	New Maintenance
Intra Spreads								
Argus Propane Far East Index Swap - 2v2 (SYNTH 115 ARGUS PROPAN FAR EST IDX)								
115	Non-HRP		Decrease	USD	1,300	1,300	1,100	1,100
115	HRP		Decrease	USD	1,430	1,300	1,210	1,100
Argus Propane Far East Index Swap - Consecutives (ARGUS PROPAN FAR EST INDEX FUT)								
7E	Non-HRP		Decrease	USD	10,000	10,000	8,000	8,000
7E	HRP		Decrease	USD	11,000	10,000	8,800	8,000
Argus Propane Far East Index Swap - Consecutives (MINI ARGUS PROPANE FAR EAST IDX)								
MAE	Non-HRP		Decrease	USD	1,000	1,000	800	800
MAE	HRP		Decrease	USD	1,100	1,000	880	800
Argus Propane Far East Index Swap - Consecutives (SYNTH 115 ARGUS PROPAN FAR EST IDX)								
115	Non-HRP		Decrease	USD	1,000	1,000	800	800
115	HRP		Decrease	USD	1,100	1,000	880	800
European Propane CIF ARA (Argus) Swap - 1 vs. All Months (EURO PROPANE CIF ARA FUT)								
PS	Non-HRP		Decrease	USD	18,000	18,000	16,000	16,000
PS	HRP		Decrease	USD	19,800	18,000	17,600	16,000
European Propane CIF ARA (Argus) Swap - 1 vs. All Months (MINI EURO PROPANE CIF ARA ARGUS FUT)								
MPS	Non-HRP		Decrease	USD	1,800	1,800	1,600	1,600
MPS	HRP		Decrease	USD	1,980	1,800	1,760	1,600
European Propane CIF ARA (Argus) Swap - 2+ All Months (EURO PROPANE CIF ARA FUT)								
PS	Non-HRP		Decrease	USD	14,000	14,000	11,000	11,000
PS	HRP		Decrease	USD	15,400	14,000	12,100	11,000
European Propane CIF ARA (Argus) Swap - 2+ All Months (MINI EURO PROPANE CIF ARA ARGUS FUT)								
MPS	Non-HRP		Decrease	USD	1,400	1,400	1,100	1,100
MPS	HRP		Decrease	USD	1,540	1,400	1,210	1,100
European Propane CIF ARA (Argus) Swap - consecutives (EURO PROPANE CIF ARA FUT)								
PS	Non-HRP		Decrease	USD	6,000	6,000	4,500	4,500
PS	HRP		Decrease	USD	6,600	6,000	4,950	4,500
European Propane CIF ARA (Argus) Swap - consecutives (MINI EURO PROPANE CIF ARA ARGUS FUT)								
MPS	Non-HRP		Decrease	USD	600	600	450	450
MPS	HRP		Decrease	USD	660	600	495	450