



21-326

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

FROM: CME Clearing

SUBJECT: Performance Bond Requirements

DATE: Tuesday, September 14, 2021

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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.

The rates will be effective after the close of business on

Wednesday, September 15, 2021.

Current rates as of:

Tuesday, September 14, 2021.

SPAN MINIMUM PERFORMANCE BOND REQUIREMENTS

CC	Rate Type	Description	Change	ISO	Current Initial	Current Maintenance	New Initial	New Maintenance
Outright Rates								
ELECTRICITY - Outright Rates								
GERMAN POWER BASELOAD CAL MONTH FUT (DEB)								
DEB	HRP	Mnth 1	Increase	EUR	7,370	6,700	8,800	8,000
DEB	NON HRP	Mnth 1	Increase	EUR	6,700	6,700	8,000	8,000
DEB	HRP	Mnth 2	Increase	EUR	7,370	6,700	8,800	8,000
DEB	NON HRP	Mnth 2	Increase	EUR	6,700	6,700	8,000	8,000
DEB	HRP	Mnth 3	Increase	EUR	7,260	6,600	8,690	7,900
DEB	NON HRP	Mnth 3	Increase	EUR	6,600	6,600	7,900	7,900
DEB	HRP	Mnths 4-9	Increase	EUR	7,150	6,500	8,580	7,800
DEB	NON HRP	Mnths 4-9	Increase	EUR	6,500	6,500	7,800	7,800
NEPOOL INTR HUB 5MW D AH O PK (H2)								
H2	HRP	Mnth 1	Increase	USD	33	30	39	35
H2	NON HRP	Mnth 1	Increase	USD	30	30	35	35
H2	HRP	Mnth 2	Increase	USD	29	26	33	30
H2	NON HRP	Mnth 2	Increase	USD	26	26	30	30
H2	HRP	Mnths 3-4	Increase	USD	20	18	29	26
H2	NON HRP	Mnths 3-4	Increase	USD	18	18	26	26
H2	HRP	Mnths 5-11	Increase	USD	14	13	20	18
H2	NON HRP	Mnths 5-11	Increase	USD	13	13	18	18
H2	HRP	Mnths 12+	Increase	USD	14	13	20	18
H2	NON HRP	Mnths 12+	Increase	USD	13	13	18	18
NEPOOL INTR HUB 5MW D AH PK (U6)								
U6	HRP	Month 2	Increase	USD	660	600	770	700
U6	NON HRP	Month 2	Increase	USD	600	600	700	700
U6	HRP	Mnths 3-5	Increase	USD	440	400	550	500
U6	NON HRP	Mnths 3-5	Increase	USD	400	400	500	500
U6	HRP	Mnths 6-11	Increase	USD	275	250	330	300
U6	NON HRP	Mnths 6-11	Increase	USD	250	250	300	300
NYISO ZONE G 5MW D AH PK (T3)								
T3	HRP	Mnth 2	Increase	USD	660	600	770	700
T3	NON HRP	Mnth 2	Increase	USD	600	600	700	700
T3	HRP	Mnths 3-4	Increase	USD	440	400	605	550
T3	NON HRP	Mnths 3-4	Increase	USD	400	400	550	550
T3	HRP	Mnths 5-11	Increase	USD	440	400	605	550
T3	NON HRP	Mnths 5-11	Increase	USD	400	400	550	550
PJM AD HUB 5MW REAL TIME O PK (V3)								
V3	HRP	Mnth 2	Increase	USD	14	13	20	18

SPAN MINIMUM PERFORMANCE BOND REQUIREMENTS

CC	Rate Type	Description	Change	ISO	Current Initial	Current Maintenance	New Initial	New Maintenance
Outright Rates								
V3	NON HRP	Mnth 2	Increase	USD	13	13	18	18
V3	HRP	Mnths 3-4	Increase	USD	13	12	19	17
V3	NON HRP	Mnths 3-4	Increase	USD	12	12	17	17
V3	HRP	Mnths 5-11	Increase	USD	11	10	15	14
V3	NON HRP	Mnths 5-11	Increase	USD	10	10	14	14
PJM AD HUB 5MW REAL TIME PK (Z9)								
Z9	HRP	Mnth 2	Increase	USD	275	250	330	300
Z9	NON HRP	Mnth 2	Increase	USD	250	250	300	300
Z9	HRP	Mnths 3-4	Increase	USD	220	200	286	260
Z9	NON HRP	Mnths 3-4	Increase	USD	200	200	260	260
Z9	HRP	Mnths 5-11	Increase	USD	198	180	264	240
Z9	NON HRP	Mnths 5-11	Increase	USD	180	180	240	240
Z9	HRP	Mnths 12+	Increase	USD	132	120	154	140
Z9	NON HRP	Mnths 12+	Increase	USD	120	120	140	140
PJM DAYTON DA OFF-PEAK (R7)								
R7	HRP	Mnth 2	Increase	USD	15	14	21	19
R7	NON HRP	Mnth 2	Increase	USD	14	14	19	19
R7	HRP	Mnths 3-11	Increase	USD	14	13	20	18
R7	NON HRP	Mnths 3-11	Increase	USD	13	13	18	18
R7	HRP	Mnths 12+	Increase	USD	12	11	17	15
R7	NON HRP	Mnths 12+	Increase	USD	11	11	15	15
PJM DAYTON DA PEAK (D7)								
D7	HRP	Mnth 2	Increase	USD	314	285	369	335
D7	NON HRP	Mnth 2	Increase	USD	285	285	335	335
D7	HRP	Mnths 3-4	Increase	USD	231	210	297	270
D7	NON HRP	Mnths 3-4	Increase	USD	210	210	270	270
D7	HRP	Mnths 5-11	Increase	USD	209	190	275	250
D7	NON HRP	Mnths 5-11	Increase	USD	190	190	250	250
D7	HRP	Mnths 12+	Increase	USD	143	130	165	150
D7	NON HRP	Mnths 12+	Increase	USD	130	130	150	150
PJM NI HUB 5MW REAL TIME O PK (B6)								
B6	HRP	Mnth 1	Increase	USD	17	15	20	18
B6	NON HRP	Mnth 1	Increase	USD	15	15	18	18
B6	HRP	Mnth 2	Increase	USD	14	13	18	16
B6	NON HRP	Mnth 2	Increase	USD	13	13	16	16
B6	HRP	Mnths 3-4	Increase	USD	13	12	17	15
B6	NON HRP	Mnths 3-4	Increase	USD	12	12	15	15

SPAN MINIMUM PERFORMANCE BOND REQUIREMENTS

CC	Rate Type	Description	Change	ISO	Current Initial	Current Maintenance	New Initial	New Maintenance
Outright Rates								
PJM NI HUB 5MW REAL TIME PK (B3)								
B3	HRP	Mnth 2	Increase	USD	275	250	330	300
B3	NON HRP	Mnth 2	Increase	USD	250	250	300	300
B3	HRP	Mnths 3-4	Increase	USD	198	180	275	250
B3	NON HRP	Mnths 3-4	Increase	USD	180	180	250	250
PJM NILL DA OFF-PEAK (L3)								
L3	HRP	Mnth 1	Increase	USD	18	16	21	19
L3	NON HRP	Mnth 1	Increase	USD	16	16	19	19
L3	HRP	Mnth 2	Increase	USD	15	14	19	17
L3	NON HRP	Mnth 2	Increase	USD	14	14	17	17
L3	HRP	Mnths 3-5	Increase	USD	14	13	18	16
L3	NON HRP	Mnths 3-5	Increase	USD	13	13	16	16
PJM NILL DA PEAK (N3)								
N3	HRP	Mnth 2	Increase	USD	292	265	347	315
N3	NON HRP	Mnth 2	Increase	USD	265	265	315	315
N3	HRP	Mnths 3-4	Increase	USD	209	190	286	260
N3	NON HRP	Mnths 3-4	Increase	USD	190	190	260	260
PJM WES HUB PEAK CAL MON REAL TIME (L1)								
L1	HRP	Mnth 2	Increase	USD	385	350	440	400
L1	NON HRP	Mnth 2	Increase	USD	350	350	400	400
L1	HRP	Mnths 3-5	Increase	USD	319	290	385	350
L1	NON HRP	Mnths 3-5	Increase	USD	290	290	350	350
L1	HRP	Mnths 6-11	Increase	USD	209	190	275	250
L1	NON HRP	Mnths 6-11	Increase	USD	190	190	250	250
L1	HRP	Mnths 12	Increase	USD	143	130	198	180
L1	NON HRP	Mnths 12	Increase	USD	130	130	180	180
PJM WES HUB PEAK LMP 50 MW (4S)								
4S	HRP	Mnth 2	Increase	USD	3,850	3,500	4,400	4,000
4S	NON HRP	Mnth 2	Increase	USD	3,500	3,500	4,000	4,000
4S	HRP	Mnths 3-5	Increase	USD	3,190	2,900	3,850	3,500
4S	NON HRP	Mnths 3-5	Increase	USD	2,900	2,900	3,500	3,500
4S	HRP	Mnths 6-11	Increase	USD	2,090	1,900	2,750	2,500
4S	NON HRP	Mnths 6-11	Increase	USD	1,900	1,900	2,500	2,500
4S	HRP	Mnths 12	Increase	USD	1,430	1,300	1,980	1,800
4S	NON HRP	Mnths 12	Increase	USD	1,300	1,300	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								
PJM WESTH DA OFF-PEAK (E4)								
E4	HRP	Mnth 2	Increase	USD	20	18	25	23
E4	NON HRP	Mnth 2	Increase	USD	18	18	23	23
E4	HRP	Mnths 3-4	Increase	USD	18	16	23	21
E4	NON HRP	Mnths 3-4	Increase	USD	16	16	21	21
E4	HRP	Mnths 5-11	Increase	USD	14	13	18	16
E4	NON HRP	Mnths 5-11	Increase	USD	13	13	16	16
PJM WESTH RT OFF-PEAK (N9)								
N9	HRP	Mnth 2	Increase	USD	19	17	24	22
N9	NON HRP	Mnth 2	Increase	USD	17	17	22	22
N9	HRP	Mnths 3-4	Increase	USD	17	15	22	20
N9	NON HRP	Mnths 3-4	Increase	USD	15	15	20	20
N9	HRP	Mnths 5-11	Increase	USD	13	12	17	15
N9	NON HRP	Mnths 5-11	Increase	USD	12	12	15	15
PJM WESTHDA PEAK (J4)								
J4	HRP	Mnth 2	Increase	USD	402	365	457	415
J4	NON HRP	Mnth 2	Increase	USD	365	365	415	415
J4	HRP	Mnths 3-5	Increase	USD	330	300	396	360
J4	NON HRP	Mnths 3-5	Increase	USD	300	300	360	360
J4	HRP	Mnths 6-11	Increase	USD	220	200	286	260
J4	NON HRP	Mnths 6-11	Increase	USD	200	200	260	260
J4	HRP	Mnths 12+	Increase	USD	154	140	209	190
J4	NON HRP	Mnths 12+	Increase	USD	140	140	190	190

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								
DUTCH TTF NAT GAS FIN M-1 AVG PRC (TTB)								
TTB	HRP	Mnth 1	Increase	USD	27,500	25,000	32,780	29,800
TTB	NON HRP	Mnth 1	Increase	USD	25,000	25,000	29,800	29,800
TTB	HRP	Mnths 2	Increase	USD	27,170	24,700	31,240	28,400
TTB	NON HRP	Mnths 2	Increase	USD	24,700	24,700	28,400	28,400
TTB	HRP	Mnths 3	Increase	USD	25,300	23,000	29,920	27,200
TTB	NON HRP	Mnths 3	Increase	USD	23,000	23,000	27,200	27,200
TTB	HRP	Mnths 4-6	Increase	USD	25,300	23,000	29,920	27,200
TTB	NON HRP	Mnths 4-6	Increase	USD	23,000	23,000	27,200	27,200
TTB	HRP	Mnths 15+	Increase	USD	7,810	7,100	8,360	7,600
TTB	NON HRP	Mnths 15+	Increase	USD	7,100	7,100	7,600	7,600
DUTCH TTF NATURAL GAS CAL MONTH FUT (TTF)								
TTF	HRP	Mnth 1	Increase	EUR	5,830	5,300	6,930	6,300
TTF	NON HRP	Mnth 1	Increase	EUR	5,300	5,300	6,300	6,300
TTF	HRP	Mnth 2	Increase	EUR	5,555	5,050	6,600	6,000
TTF	NON HRP	Mnth 2	Increase	EUR	5,050	5,050	6,000	6,000
TTF	HRP	Mnth 3	Increase	EUR	5,280	4,800	6,325	5,750
TTF	NON HRP	Mnth 3	Increase	EUR	4,800	4,800	5,750	5,750
TTF	HRP	Mnths 4-6	Increase	EUR	5,280	4,800	6,325	5,750
TTF	NON HRP	Mnths 4-6	Increase	EUR	4,800	4,800	5,750	5,750
TTF	HRP	Mnths 7-14	Increase	EUR	2,200	2,000	2,420	2,200
TTF	NON HRP	Mnths 7-14	Increase	EUR	2,000	2,000	2,200	2,200
TTF	HRP	Mnth 15+	Increase	EUR	1,650	1,500	1,760	1,600
TTF	NON HRP	Mnth 15+	Increase	EUR	1,500	1,500	1,600	1,600
DUTCH TTF NATURAL GAS FIN CAL M (TTG)								
TTG	HRP	Mnth 1	Increase	EUR	5,830	5,300	6,930	6,300
TTG	NON HRP	Mnth 1	Increase	EUR	5,300	5,300	6,300	6,300
TTG	HRP	Mnth 2	Increase	EUR	5,555	5,050	6,600	6,000
TTG	NON HRP	Mnth 2	Increase	EUR	5,050	5,050	6,000	6,000
TTG	HRP	Mnth 3	Increase	EUR	5,280	4,800	6,325	5,750
TTG	NON HRP	Mnth 3	Increase	EUR	4,800	4,800	5,750	5,750
TTG	HRP	Mnths 4-6	Increase	EUR	5,280	4,800	6,325	5,750
TTG	NON HRP	Mnths 4-6	Increase	EUR	4,800	4,800	5,750	5,750
TTG	HRP	Mnths 7-14	Increase	EUR	2,200	2,000	2,420	2,200
TTG	NON HRP	Mnths 7-14	Increase	EUR	2,000	2,000	2,200	2,200
TTG	HRP	Mnth 15+	Increase	EUR	1,650	1,500	1,760	1,600
TTG	NON HRP	Mnth 15+	Increase	EUR	1,500	1,500	1,600	1,600

SPAN MINIMUM PERFORMANCE BOND REQUIREMENTS

CC	Rate Type	Description	Change	ISO	Current Initial	Current Maintenance	New Initial	New Maintenance
Outright Rates								
DUTCH TTF NATURAL GAS FIN DAY AHEAD (TTI)								
TTI	HRP	Mnth 1	Increase	EUR	5,830	5,300	6,930	6,300
TTI	NON HRP	Mnth 1	Increase	EUR	5,300	5,300	6,300	6,300
TTI	HRP	Mnth 2	Increase	EUR	5,555	5,050	6,600	6,000
TTI	NON HRP	Mnth 2	Increase	EUR	5,050	5,050	6,000	6,000
TTI	HRP	Mnth 3	Increase	EUR	5,280	4,800	6,325	5,750
TTI	NON HRP	Mnth 3	Increase	EUR	4,800	4,800	5,750	5,750
TTI	HRP	Mnths 4-6	Increase	EUR	5,280	4,800	6,325	5,750
TTI	NON HRP	Mnths 4-6	Increase	EUR	4,800	4,800	5,750	5,750
TTI	HRP	Mnths 7-14	Increase	EUR	2,200	2,000	2,420	2,200
TTI	NON HRP	Mnths 7-14	Increase	EUR	2,000	2,000	2,200	2,200
TTI	HRP	Mnth 15+	Increase	EUR	1,650	1,500	1,760	1,600
TTI	NON HRP	Mnth 15+	Increase	EUR	1,500	1,500	1,600	1,600
DUTCH TTF NATURAL GAS FRONT MTH FUT (TTE)								
TTE	HRP	Mnth 1	Increase	USD	27,500	25,000	32,780	29,800
TTE	NON HRP	Mnth 1	Increase	USD	25,000	25,000	29,800	29,800
TTE	HRP	Mnths 2	Increase	USD	27,170	24,700	31,240	28,400
TTE	NON HRP	Mnths 2	Increase	USD	24,700	24,700	28,400	28,400
TTE	HRP	Mnths 3	Increase	USD	25,300	23,000	29,920	27,200
TTE	NON HRP	Mnths 3	Increase	USD	23,000	23,000	27,200	27,200
TTE	HRP	Mnths 4-6	Increase	USD	25,300	23,000	29,920	27,200
TTE	NON HRP	Mnths 4-6	Increase	USD	23,000	23,000	27,200	27,200
TTE	HRP	Mnths 15+	Increase	USD	7,810	7,100	8,360	7,600
TTE	NON HRP	Mnths 15+	Increase	USD	7,100	7,100	7,600	7,600
LNG JAPAN KOREA MARKER PLATTS FUT (JKM)								
JKM	HRP	Month 1	Increase	USD	27,720	25,200	33,000	30,000
JKM	NON HRP	Month 1	Increase	USD	25,200	25,200	30,000	30,000
JKM	HRP	Month 2	Increase	USD	27,720	25,200	33,000	30,000
JKM	NON HRP	Month 2	Increase	USD	25,200	25,200	30,000	30,000
JKM	HRP	Month 3	Increase	USD	26,400	24,000	31,900	29,000
JKM	NON HRP	Month 3	Increase	USD	24,000	24,000	29,000	29,000
JKM	HRP	Mnths 4-5	Increase	USD	26,400	24,000	31,900	29,000
JKM	NON HRP	Mnths 4-5	Increase	USD	24,000	24,000	29,000	29,000
JKM	HRP	Mnths 6	Increase	USD	26,400	24,000	31,900	29,000
JKM	NON HRP	Mnths 6	Increase	USD	24,000	24,000	29,000	29,000
JKM	HRP	Mnths 12+	Increase	USD	7,700	7,000	8,800	8,000
JKM	NON HRP	Mnths 12+	Increase	USD	7,000	7,000	8,000	8,000
JKM	HRP	Months 7-11	Increase	USD	13,200	12,000	14,520	13,200
JKM	NON HRP	Months 7-11	Increase	USD	12,000	12,000	13,200	13,200

SPAN MINIMUM PERFORMANCE BOND REQUIREMENTS

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

LNG JAPAN KOREA MRK YEN FUT (JKY)

JKY	HRP	Month 1	Increase	JPY	3,080,000	2,800,000	3,630,000	3,300,000
JKY	NON HRP	Month 1	Increase	JPY	2,800,000	2,800,000	3,300,000	3,300,000
JKY	HRP	Month 2	Increase	JPY	3,080,000	2,800,000	3,630,000	3,300,000
JKY	NON HRP	Month 2	Increase	JPY	2,800,000	2,800,000	3,300,000	3,300,000
JKY	HRP	Month 3	Increase	JPY	2,915,000	2,650,000	3,520,000	3,200,000
JKY	NON HRP	Month 3	Increase	JPY	2,650,000	2,650,000	3,200,000	3,200,000
JKY	HRP	Mnths 4-6	Increase	JPY	2,915,000	2,650,000	3,520,000	3,200,000
JKY	NON HRP	Mnths 4-6	Increase	JPY	2,650,000	2,650,000	3,200,000	3,200,000
JKY	HRP	Mnths 7	Increase	JPY	1,485,000	1,350,000	1,595,000	1,450,000
JKY	NON HRP	Mnths 7	Increase	JPY	1,350,000	1,350,000	1,450,000	1,450,000
JKY	HRP	Mnths 8-11	Increase	JPY	1,485,000	1,350,000	1,595,000	1,450,000
JKY	NON HRP	Mnths 8-11	Increase	JPY	1,350,000	1,350,000	1,450,000	1,450,000
JKY	HRP	Mnths 12+	Increase	JPY	847,000	770,000	990,000	900,000
JKY	NON HRP	Mnths 12+	Increase	JPY	770,000	770,000	900,000	900,000

LNG JAPAN/KOREA MARKER (PLATTS) BAC (JKB)

JKB	HRP	Month 1	Increase	USD	27,720	25,200	33,000	30,000
JKB	NON HRP	Month 1	Increase	USD	25,200	25,200	30,000	30,000
JKB	HRP	Month 2	Increase	USD	27,720	25,200	33,000	30,000
JKB	NON HRP	Month 2	Increase	USD	25,200	25,200	30,000	30,000
JKB	HRP	Month 3-5	Increase	USD	26,400	24,000	31,900	29,000
JKB	NON HRP	Month 3-5	Increase	USD	24,000	24,000	29,000	29,000
JKB	HRP	Mnths 6	Increase	USD	26,400	24,000	31,900	29,000
JKB	NON HRP	Mnths 6	Increase	USD	24,000	24,000	29,000	29,000
JKB	HRP	Mnths 7-11	Increase	USD	13,200	12,000	14,520	13,200
JKB	NON HRP	Mnths 7-11	Increase	USD	12,000	12,000	13,200	13,200
JKB	HRP	Mnths 12+	Increase	USD	7,700	7,000	8,800	8,000
JKB	NON HRP	Mnths 12+	Increase	USD	7,000	7,000	8,000	8,000

SPAN MINIMUM PERFORMANCE BOND REQUIREMENTS

CC	Rate Type	Description	Change	ISO	Current Initial	Current Maintenance	New Initial	New Maintenance
Outright Rates								
LNG JAPAN/KOREA MARKER (PLATTS) FRO (JKF)								
JKF	HRP	Month 1	Increase	USD	27,720	25,200	33,000	30,000
JKF	NON HRP	Month 1	Increase	USD	25,200	25,200	30,000	30,000
JKF	HRP	Month 2	Increase	USD	27,720	25,200	33,000	30,000
JKF	NON HRP	Month 2	Increase	USD	25,200	25,200	30,000	30,000
JKF	HRP	Month 3-5	Increase	USD	26,400	24,000	31,900	29,000
JKF	NON HRP	Month 3-5	Increase	USD	24,000	24,000	29,000	29,000
JKF	HRP	Mnths 6	Increase	USD	26,400	24,000	31,900	29,000
JKF	NON HRP	Mnths 6	Increase	USD	24,000	24,000	29,000	29,000
JKF	HRP	Mnths 7-11	Increase	USD	13,200	12,000	14,520	13,200
JKF	NON HRP	Mnths 7-11	Increase	USD	12,000	12,000	13,200	13,200
JKF	HRP	Mnths 12	Increase	USD	7,700	7,000	8,800	8,000
JKF	NON HRP	Mnths 12	Increase	USD	7,000	7,000	8,000	8,000
UK NBP NAT GAS CAL MTH FUT (UKG)								
UKG	HRP	Mnth 1	Increase	GBP	3,630	3,300	4,290	3,900
UKG	NON HRP	Mnth 1	Increase	GBP	3,300	3,300	3,900	3,900
UKG	HRP	Mnth 2	Increase	GBP	3,300	3,000	3,960	3,600
UKG	NON HRP	Mnth 2	Increase	GBP	3,000	3,000	3,600	3,600
UKG	HRP	Mnth 3	Increase	GBP	3,190	2,900	3,740	3,400
UKG	NON HRP	Mnth 3	Increase	GBP	2,900	2,900	3,400	3,400
UKG	HRP	Mnths 4-9	Increase	GBP	2,970	2,700	3,300	3,000
UKG	NON HRP	Mnths 4-9	Increase	GBP	2,700	2,700	3,000	3,000
UKG	HRP	Mnths 10+	Increase	GBP	1,650	1,500	1,815	1,650
UKG	NON HRP	Mnths 10+	Increase	GBP	1,500	1,500	1,650	1,650
UK NBP NATURAL GAS FRONT MTH FUT (NBP)								
NBP	HRP	Mnth 1	Increase	USD	16,280	14,800	19,140	17,400
NBP	NON HRP	Mnth 1	Increase	USD	14,800	14,800	17,400	17,400
NBP	HRP	Mnths 2	Increase	USD	14,740	13,400	17,710	16,100
NBP	NON HRP	Mnths 2	Increase	USD	13,400	13,400	16,100	16,100
NBP	HRP	Mnths 3+	Increase	USD	13,310	12,100	14,740	13,400
NBP	NON HRP	Mnths 3+	Increase	USD	12,100	12,100	13,400	13,400
NGL/PETROCHEMICALS - Outright Rates								
MT BELIVIEU ETHANE BALMO FUT (8C)								
8C	HRP		Increase	USD	1,238	1,125	1,650	1,500
8C	NON HRP		Increase	USD	1,125	1,125	1,500	1,500

SPAN MINIMUM PERFORMANCE BOND REQUIREMENTS

CC	Rate Type	Description	Change	ISO	Current Initial	Current Maintenance	New Initial	New Maintenance
Intra Spreads								
ETHANOL - Intra Spreads								
Chicago Ethanol (Platts) Swap, Mth 2 vs. Mths 3-7 (CHICAGO ETHANOL FUT)								
CU	HRP		Increase	USD	2,750	2,500	3,190	2,900
CU	NON HRP		Increase	USD	2,500	2,500	2,900	2,900
Chicago Ethanol (Platts) Swap, Mth 1 vs. Mths 2 (CHICAGO ETHANOL FUT)								
CU	HRP		Increase	USD	3,740	3,400	4,070	3,700
CU	NON HRP		Increase	USD	3,400	3,400	3,700	3,700
Chicago Ethanol (Platts) Swap, Mth 1 vs. Mths 3-7 (CHICAGO ETHANOL FUT)								
CU	HRP		Increase	USD	3,740	3,400	4,070	3,700
CU	NON HRP		Increase	USD	3,400	3,400	3,700	3,700
Chicago Ethanol (Platts) Swap, Mth 2 vs. Mths 8+ (CHICAGO ETHANOL FUT)								
CU	HRP		Increase	USD	3,080	2,800	3,300	3,000
CU	NON HRP		Increase	USD	2,800	2,800	3,000	3,000
Consecutive Spreads Month 2+ (CHICAGO ETHANOL FUT)								
CU	HRP		Increase	USD	825	750	990	900
CU	NON HRP		Increase	USD	750	750	900	900