



11-304

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

FROM: CME Clearing

SUBJECT: Performance Bond Requirements

DATE: Thursday, August 25, 2011

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.

The rates will be effective after the close of business on

Monday, August 29, 2011.

Current rates as of:

Thursday, August 25, 2011.

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								
CRUDE OIL LAST DAY FINANCIAL FUT (26)								
26	Spec	Tier 1	Decrease	USD	8,438	6,250	8,100	6,000
26	Hedge/Member	Tier 1	Decrease	USD	6,250	6,250	6,000	6,000
26	Spec	Tier 2	Decrease	USD	8,100	6,000	7,763	5,750
26	Hedge/Member	Tier 2	Decrease	USD	6,000	6,000	5,750	5,750
CRUDE OIL FUTURE NYMEX (CL)								
CL	Spec	Tier 1	Decrease	USD	8,438	6,250	8,100	6,000
CL	Hedge/Member	Tier 1	Decrease	USD	6,250	6,250	6,000	6,000
CL	Spec	Tier 2	Decrease	USD	8,100	6,000	7,763	5,750
CL	Hedge/Member	Tier 2	Decrease	USD	6,000	6,000	5,750	5,750
CRUDE OIL TRADE AT MARKER LONDON (CLL)								
CLL	Spec	Tier 1	Decrease	USD	8,438	6,250	8,100	6,000
CLL	Hedge/Member	Tier 1	Decrease	USD	6,250	6,250	6,000	6,000
CLL	Spec	Tier 2	Decrease	USD	8,100	6,000	7,763	5,750
CLL	Hedge/Member	Tier 2	Decrease	USD	6,000	6,000	5,750	5,750
CRUDE OIL TRADE AT MARKER SINGAPORE (CLS)								
CLS	Spec	Tier 1	Decrease	USD	8,438	6,250	8,100	6,000
CLS	Hedge/Member	Tier 1	Decrease	USD	6,250	6,250	6,000	6,000
CLS	Spec	Tier 2	Decrease	USD	8,100	6,000	7,763	5,750
CLS	Hedge/Member	Tier 2	Decrease	USD	6,000	6,000	5,750	5,750
CRUDE OIL TRADE AT SETTLEMENT (CLT)								
CLT	Spec	Tier 1	Decrease	USD	8,438	6,250	8,100	6,000
CLT	Hedge/Member	Tier 1	Decrease	USD	6,250	6,250	6,000	6,000
CLT	Spec	Tier 2	Decrease	USD	8,100	6,000	7,763	5,750
CLT	Hedge/Member	Tier 2	Decrease	USD	6,000	6,000	5,750	5,750
E-MINI CRUDE OIL FUTURES (QM)								
QM	Spec	Tier 1	Decrease	USD	4,219	3,125	4,050	3,000
QM	Hedge/Member	Tier 1	Decrease	USD	3,125	3,125	3,000	3,000
QM	Spec	Tier 2	Decrease	USD	4,050	3,000	3,881	2,875
QM	Hedge/Member	Tier 2	Decrease	USD	3,000	3,000	2,875	2,875
MICRO CRUDE OIL FUTURES (MCL)								
MCL	Spec	Tier 1	Decrease	USD	8	6	8	6
MCL	Hedge/Member	Tier 1	Decrease	USD	6	6	6	6
MCL	Spec	Tier 2	Decrease	USD	8	6	8	6
MCL	Hedge/Member	Tier 2	Decrease	USD	6	6	6	6

SPAN MINIMUM PERFORMANCE BOND REQUIREMENTS

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

NYMEX CRUDE OIL MACI INDEX (XC)

XC	Spec	Tier 1	Decrease	USD	1,688	1,250	1,620	1,200
XC	Hedge/Member	Tier 1	Decrease	USD	1,250	1,250	1,200	1,200
XC	Spec	Tier 2	Decrease	USD	1,620	1,200	1,553	1,150
XC	Hedge/Member	Tier 2	Decrease	USD	1,200	1,200	1,150	1,150

NYMEX CRUDE OIL MACI INDEX TAS (XCT)

XCT	Spec	Tier 1	Decrease	USD	8,438	6,250	8,100	6,000
XCT	Hedge/Member	Tier 1	Decrease	USD	6,250	6,250	6,000	6,000
XCT	Spec	Tier 2	Decrease	USD	8,100	6,000	7,763	5,750
XCT	Hedge/Member	Tier 2	Decrease	USD	6,000	6,000	5,750	5,750

WTI CALENDAR SWAP (CS)

CS	Spec	Tier 1	Decrease	USD	8,438	6,250	8,100	6,000
CS	Hedge/Member	Tier 1	Decrease	USD	6,250	6,250	6,000	6,000
CS	Spec	Tier 2	Decrease	USD	8,100	6,000	7,763	5,750
CS	Hedge/Member	Tier 2	Decrease	USD	6,000	6,000	5,750	5,750

WTI CRUDE OIL FINANCIAL FUTURES (WS)

WS	Spec	Tier 1	Decrease	USD	8,438	6,250	8,100	6,000
WS	Hedge/Member	Tier 1	Decrease	USD	6,250	6,250	6,000	6,000
WS	Spec	Tier 2	Decrease	USD	8,100	6,000	7,763	5,750
WS	Hedge/Member	Tier 2	Decrease	USD	6,000	6,000	5,750	5,750

SPAN MINIMUM PERFORMANCE BOND REQUIREMENTS

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

ELECTRICITY - Outright Rates

AEP-DAYTON HUB OFF-PEAK MONTHLY (VP)

VP	Spec	Tier 3	Decrease	USD	1,650	1,500	1,375	1,250
VP	Hedge/Member	Tier 3	Decrease	USD	1,500	1,500	1,250	1,250
VP	Spec	Tier 4	Decrease	USD	1,650	1,500	1,100	1,000
VP	Hedge/Member	Tier 4	Decrease	USD	1,500	1,500	1,000	1,000

AER-DAYTON HUB MONTHLY (VM)

VM	Spec	Tier 1	Decrease	USD	7,150	6,500	6,600	6,000
VM	Hedge/Member	Tier 1	Decrease	USD	6,500	6,500	6,000	6,000
VM	Spec	Tier 2	Decrease	USD	3,300	3,000	2,750	2,500
VM	Hedge/Member	Tier 2	Decrease	USD	3,000	3,000	2,500	2,500
VM	Spec	Tier 3	Decrease	USD	2,200	2,000	1,925	1,750
VM	Hedge/Member	Tier 3	Decrease	USD	2,000	2,000	1,750	1,750
VM	Spec	Tier 4	Decrease	USD	2,200	2,000	1,650	1,500
VM	Hedge/Member	Tier 4	Decrease	USD	2,000	2,000	1,500	1,500

CIN HUB 5MW D AH PK (H5)

H5	Spec	Tier 2	Decrease	USD	275	250	165	150
H5	Hedge/Member	Tier 2	Decrease	USD	250	250	150	150
H5	Spec	Tier 3	Decrease	USD	165	150	110	100
H5	Hedge/Member	Tier 3	Decrease	USD	150	150	100	100
H5	Spec	Tier 4	Decrease	USD	165	150	110	100
H5	Hedge/Member	Tier 4	Decrease	USD	150	150	100	100

CIN HUB 5MW REAL TIME PK (H3)

H3	Spec	Tier 2	Decrease	USD	220	200	165	150
H3	Hedge/Member	Tier 2	Decrease	USD	200	200	150	150
H3	Spec	Tier 3	Decrease	USD	165	150	110	100
H3	Hedge/Member	Tier 3	Decrease	USD	150	150	100	100
H3	Spec	Tier 4	Decrease	USD	165	150	110	100
H3	Hedge/Member	Tier 4	Decrease	USD	150	150	100	100

CINERGY HUB OFF-PEAK MONTH SWAP (EJ)

EJ	Spec	Tier 2	Decrease	USD	1,100	1,000	880	800
EJ	Hedge/Member	Tier 2	Decrease	USD	1,000	1,000	800	800
EJ	Spec	Tier 3	Decrease	USD	1,100	1,000	550	500
EJ	Hedge/Member	Tier 3	Decrease	USD	1,000	1,000	500	500
EJ	Spec	Tier 4	Decrease	USD	1,100	1,000	550	500
EJ	Hedge/Member	Tier 4	Decrease	USD	1,000	1,000	500	500

SPAN MINIMUM PERFORMANCE BOND REQUIREMENTS

CC	Rate Type	Description	Change	ISO	Current Initial	Current Maintenance	New Initial	New Maintenance
Outright Rates								
CINERGY HUB PEAK MONTH SWAP (EM)								
EM	Spec	Tier 2	Decrease	USD	2,475	2,250	1,925	1,750
EM	Hedge/Member	Tier 2	Decrease	USD	2,250	2,250	1,750	1,750
EM	Spec	Tier 4	Decrease	USD	1,650	1,500	1,100	1,000
EM	Hedge/Member	Tier 4	Decrease	USD	1,500	1,500	1,000	1,000
CINERGY PK ELEC CAL STRP SYNTHETIC (EM7)								
EM7	Spec	Tier 2	Decrease	USD	2,475	2,250	1,925	1,750
EM7	Hedge/Member	Tier 2	Decrease	USD	2,250	2,250	1,750	1,750
EM7	Spec	Tier 4	Decrease	USD	1,650	1,500	1,100	1,000
EM7	Hedge/Member	Tier 4	Decrease	USD	1,500	1,500	1,000	1,000
ISO NEW ENGLAND OFF-PEAK LMP SWAP (KI)								
KI	Spec	Tier 1	Decrease	USD	4,950	4,500	2,750	2,500
KI	Hedge/Member	Tier 1	Decrease	USD	4,500	4,500	2,500	2,500
KI	Spec	Tier 2	Decrease	USD	3,300	3,000	2,200	2,000
KI	Hedge/Member	Tier 2	Decrease	USD	3,000	3,000	2,000	2,000
KI	Spec	Tier 3	Decrease	USD	2,200	2,000	1,650	1,500
KI	Hedge/Member	Tier 3	Decrease	USD	2,000	2,000	1,500	1,500
KI	Spec	Tier 4	Decrease	USD	2,200	2,000	1,100	1,000
KI	Hedge/Member	Tier 4	Decrease	USD	2,000	2,000	1,000	1,000
ISO NEW ENGLAND PEAK LMP SWAP (NI)								
NI	Spec	Tier 1	Decrease	USD	6,050	5,500	4,950	4,500
NI	Hedge/Member	Tier 1	Decrease	USD	5,500	5,500	4,500	4,500
NI	Spec	Tier 2	Decrease	USD	4,400	4,000	2,750	2,500
NI	Hedge/Member	Tier 2	Decrease	USD	4,000	4,000	2,500	2,500
NI	Spec	Tier 3	Decrease	USD	2,200	2,000	1,650	1,500
NI	Hedge/Member	Tier 3	Decrease	USD	2,000	2,000	1,500	1,500
NI	Spec	Tier 4	Decrease	USD	1,650	1,500	1,375	1,250
NI	Hedge/Member	Tier 4	Decrease	USD	1,500	1,500	1,250	1,250
MID IND TRAN SO IL HUB5MW PEAK (4Q)								
4Q	Spec	Tier 2	Decrease	USD	275	250	193	175
4Q	Hedge/Member	Tier 2	Decrease	USD	250	250	175	175
4Q	Spec	Tier 3	Decrease	USD	193	175	138	125
4Q	Hedge/Member	Tier 3	Decrease	USD	175	175	125	125
4Q	Spec	Tier 4	Decrease	USD	193	175	110	100
4Q	Hedge/Member	Tier 4	Decrease	USD	175	175	100	100
NEPOOL CNCTCT 5MW D AH O PK (P3)								
P3	Spec	Tier 1	Decrease	USD	33	30	22	20
P3	Hedge/Member	Tier 1	Decrease	USD	30	30	20	20

SPAN MINIMUM PERFORMANCE BOND REQUIREMENTS

CC	Rate Type	Description	Change	ISO	Current Initial	Current Maintenance	New Initial	New Maintenance
Outright Rates								
NEPOOL CONECTIC 5MW D AH PK (P2)								
P2	Spec	Tier 2	Decrease	USD	385	350	275	250
P2	Hedge/Member	Tier 2	Decrease	USD	350	350	250	250
P2	Spec	Tier 4	Decrease	USD	165	150	110	100
P2	Hedge/Member	Tier 4	Decrease	USD	150	150	100	100
NEPOOL INTR HUB 5MW D AH O PK (H2)								
H2	Spec	Tier 1	Decrease	USD	44	40	28	25
H2	Hedge/Member	Tier 1	Decrease	USD	40	40	25	25
NEPOOL INTR HUB 5MW D AH PK (U6)								
U6	Spec	Tier 1	Decrease	USD	715	650	495	450
U6	Hedge/Member	Tier 1	Decrease	USD	650	650	450	450
U6	Spec	Tier 2	Decrease	USD	385	350	275	250
U6	Hedge/Member	Tier 2	Decrease	USD	350	350	250	250
U6	Spec	Tier 3	Decrease	USD	220	200	165	150
U6	Hedge/Member	Tier 3	Decrease	USD	200	200	150	150
U6	Spec	Tier 4	Decrease	USD	220	200	110	100
U6	Hedge/Member	Tier 4	Decrease	USD	200	200	100	100
NEPOOL MAINE 5MW D AH O EAK (W2)								
W2	Spec	Tier 1	Decrease	USD	33	30	22	20
W2	Hedge/Member	Tier 1	Decrease	USD	30	30	20	20
NEPOOL MAINE 5MW D AH PK (P9)								
P9	Spec	Tier 1	Decrease	USD	660	600	495	450
P9	Hedge/Member	Tier 1	Decrease	USD	600	600	450	450
P9	Spec	Tier 2	Decrease	USD	495	450	275	250
P9	Hedge/Member	Tier 2	Decrease	USD	450	450	250	250
P9	Spec	Tier 3	Decrease	USD	275	250	165	150
P9	Hedge/Member	Tier 3	Decrease	USD	250	250	150	150
P9	Spec	Tier 4	Decrease	USD	220	200	110	100
P9	Hedge/Member	Tier 4	Decrease	USD	200	200	100	100
NEPOOL NE MASS 5MW D AH O PK (P8)								
P8	Spec	Tier 1	Decrease	USD	33	30	22	20
P8	Hedge/Member	Tier 1	Decrease	USD	30	30	20	20

SPAN MINIMUM PERFORMANCE BOND REQUIREMENTS

CC	Rate Type	Description	Change	ISO	Current Initial	Current Maintenance	New Initial	New Maintenance
Outright Rates								
NEPOOL NE MASS 5MW D AH PK (P7)								
P7	Spec	Tier 1	Decrease	USD	660	600	495	450
P7	Hedge/Member	Tier 1	Decrease	USD	600	600	450	450
P7	Spec	Tier 2	Decrease	USD	495	450	275	250
P7	Hedge/Member	Tier 2	Decrease	USD	450	450	250	250
P7	Spec	Tier 3	Decrease	USD	220	200	165	150
P7	Hedge/Member	Tier 3	Decrease	USD	200	200	150	150
P7	Spec	Tier 4	Decrease	USD	220	200	110	100
P7	Hedge/Member	Tier 4	Decrease	USD	200	200	100	100
NEPOOL NEW HAMP 5MW D AH O PK (U3)								
U3	Spec	Tier 1	Decrease	USD	33	30	22	20
U3	Hedge/Member	Tier 1	Decrease	USD	30	30	20	20
NEPOOL NEW HAMP 5MW D AH PK (U2)								
U2	Spec	Tier 1	Decrease	USD	660	600	495	450
U2	Hedge/Member	Tier 1	Decrease	USD	600	600	450	450
U2	Spec	Tier 2	Decrease	USD	495	450	275	250
U2	Hedge/Member	Tier 2	Decrease	USD	450	450	250	250
NEPOOL RHD ISLD 5MW D AH PK (U4)								
U4	Spec	Tier 1	Decrease	USD	660	600	495	450
U4	Hedge/Member	Tier 1	Decrease	USD	600	600	450	450
U4	Spec	Tier 2	Decrease	USD	495	450	275	250
U4	Hedge/Member	Tier 2	Decrease	USD	450	450	250	250
NEPOOL RHODE IL 5MW D AH O PK (U5)								
U5	Spec	Tier 1	Decrease	USD	44	40	28	25
U5	Hedge/Member	Tier 1	Decrease	USD	40	40	25	25
U5	Spec	Tier 2	Decrease	USD	22	20	17	15
U5	Hedge/Member	Tier 2	Decrease	USD	20	20	15	15
U5	Spec	Tier 3	Decrease	USD	22	20	11	10
U5	Hedge/Member	Tier 3	Decrease	USD	20	20	10	10
U5	Spec	Tier 4	Decrease	USD	22	20	11	10
U5	Hedge/Member	Tier 4	Decrease	USD	20	20	10	10
NEPOOL SE MASS 5MW D AH O PK (P5)								
P5	Spec	Tier 1	Decrease	USD	33	30	22	20
P5	Hedge/Member	Tier 1	Decrease	USD	30	30	20	20

SPAN MINIMUM PERFORMANCE BOND REQUIREMENTS

CC	Rate Type	Description	Change	ISO	Current Initial	Current Maintenance	New Initial	New Maintenance
Outright Rates								
NEPOOL SE MASS 5MW D AH PK (P4)								
P4	Spec	Tier 1	Decrease	USD	660	600	495	450
P4	Hedge/Member	Tier 1	Decrease	USD	600	600	450	450
P4	Spec	Tier 2	Decrease	USD	495	450	275	250
P4	Hedge/Member	Tier 2	Decrease	USD	450	450	250	250
P4	Spec	Tier 3	Decrease	USD	220	200	165	150
P4	Hedge/Member	Tier 3	Decrease	USD	200	200	150	150
P4	Spec	Tier 4	Decrease	USD	220	200	110	100
P4	Hedge/Member	Tier 4	Decrease	USD	200	200	100	100
NEPOOL W CNT MASS 5MW D AH O PK (L9)								
L9	Spec	Tier 1	Decrease	USD	33	30	22	20
L9	Hedge/Member	Tier 1	Decrease	USD	30	30	20	20
NEPOOL W CNTR M 5MW D AH PK (R6)								
R6	Spec	Tier 1	Decrease	USD	660	600	495	450
R6	Hedge/Member	Tier 1	Decrease	USD	600	600	450	450
R6	Spec	Tier 2	Decrease	USD	550	500	275	250
R6	Hedge/Member	Tier 2	Decrease	USD	500	500	250	250
R6	Spec	Tier 3	Decrease	USD	275	250	165	150
R6	Hedge/Member	Tier 3	Decrease	USD	250	250	150	150
R6	Spec	Tier 4	Decrease	USD	275	250	110	100
R6	Hedge/Member	Tier 4	Decrease	USD	250	250	100	100
NORTHERN ILLINOIS HUB MONTHLY (UM)								
UM	Spec	Tier 1	Decrease	USD	7,150	6,500	6,600	6,000
UM	Hedge/Member	Tier 1	Decrease	USD	6,500	6,500	6,000	6,000
UM	Spec	Tier 2	Decrease	USD	3,300	3,000	2,475	2,250
UM	Hedge/Member	Tier 2	Decrease	USD	3,000	3,000	2,250	2,250
UM	Spec	Tier 3	Decrease	USD	2,200	2,000	1,650	1,500
UM	Hedge/Member	Tier 3	Decrease	USD	2,000	2,000	1,500	1,500
UM	Spec	Tier 4	Decrease	USD	2,200	2,000	1,650	1,500
UM	Hedge/Member	Tier 4	Decrease	USD	2,000	2,000	1,500	1,500
NORTHERN ILLINOIS OFF-PEAK MONTHLY (UO)								
UO	Spec	Tier 2	Decrease	USD	2,200	2,000	1,650	1,500
UO	Hedge/Member	Tier 2	Decrease	USD	2,000	2,000	1,500	1,500
UO	Spec	Tier 3	Decrease	USD	1,650	1,500	1,375	1,250
UO	Hedge/Member	Tier 3	Decrease	USD	1,500	1,500	1,250	1,250
UO	Spec	Tier 4	Decrease	USD	1,650	1,500	1,100	1,000
UO	Hedge/Member	Tier 4	Decrease	USD	1,500	1,500	1,000	1,000

SPAN MINIMUM PERFORMANCE BOND REQUIREMENTS

CC	Rate Type	Description	Change	ISO	Current Initial	Current Maintenance	New Initial	New Maintenance
Outright Rates								
NYISO A (KA)								
KA	Spec	Tier 2	Decrease	USD	1,650	1,500	1,100	1,000
KA	Hedge/Member	Tier 2	Decrease	USD	1,500	1,500	1,000	1,000
KA	Spec	Tier 3	Decrease	USD	880	800	660	600
KA	Hedge/Member	Tier 3	Decrease	USD	800	800	600	600
KA	Spec	Tier 4	Decrease	USD	825	750	605	550
KA	Hedge/Member	Tier 4	Decrease	USD	750	750	550	550
NYISO A OFF-PEAK (KB)								
KB	Spec	Tier 1	Decrease	USD	4,950	4,500	3,300	3,000
KB	Hedge/Member	Tier 1	Decrease	USD	4,500	4,500	3,000	3,000
KB	Spec	Tier 2	Decrease	USD	2,750	2,500	2,200	2,000
KB	Hedge/Member	Tier 2	Decrease	USD	2,500	2,500	2,000	2,000
KB	Spec	Tier 3	Decrease	USD	1,650	1,500	1,100	1,000
KB	Hedge/Member	Tier 3	Decrease	USD	1,500	1,500	1,000	1,000
NYISO G (KG)								
KG	Spec	Tier 1	Decrease	USD	3,850	3,500	3,025	2,750
KG	Hedge/Member	Tier 1	Decrease	USD	3,500	3,500	2,750	2,750
KG	Spec	Tier 2	Decrease	USD	2,200	2,000	1,650	1,500
KG	Hedge/Member	Tier 2	Decrease	USD	2,000	2,000	1,500	1,500
KG	Spec	Tier 3	Decrease	USD	1,100	1,000	825	750
KG	Hedge/Member	Tier 3	Decrease	USD	1,000	1,000	750	750
KG	Spec	Tier 4	Decrease	USD	1,100	1,000	825	750
KG	Hedge/Member	Tier 4	Decrease	USD	1,000	1,000	750	750
NYISO G OFF-PEAK (KH)								
KH	Spec	Tier 1	Decrease	USD	6,600	6,000	4,400	4,000
KH	Hedge/Member	Tier 1	Decrease	USD	6,000	6,000	4,000	4,000
KH	Spec	Tier 2	Decrease	USD	3,850	3,500	2,200	2,000
KH	Hedge/Member	Tier 2	Decrease	USD	3,500	3,500	2,000	2,000
KH	Spec	Tier 3	Decrease	USD	2,200	2,000	1,375	1,250
KH	Hedge/Member	Tier 3	Decrease	USD	2,000	2,000	1,250	1,250
KH	Spec	Tier 4	Decrease	USD	2,200	2,000	1,375	1,250
KH	Hedge/Member	Tier 4	Decrease	USD	2,000	2,000	1,250	1,250

SPAN MINIMUM PERFORMANCE BOND REQUIREMENTS

CC	Rate Type	Description	Change	ISO	Current Initial	Current Maintenance	New Initial	New Maintenance
Outright Rates								
NYISO J (KJ)								
KJ	Spec	Tier 1	Decrease	USD	4,400	4,000	2,750	2,500
KJ	Hedge/Member	Tier 1	Decrease	USD	4,000	4,000	2,500	2,500
KJ	Spec	Tier 2	Decrease	USD	2,200	2,000	1,650	1,500
KJ	Hedge/Member	Tier 2	Decrease	USD	2,000	2,000	1,500	1,500
KJ	Spec	Tier 3	Decrease	USD	1,100	1,000	825	750
KJ	Hedge/Member	Tier 3	Decrease	USD	1,000	1,000	750	750
KJ	Spec	Tier 4	Decrease	USD	1,100	1,000	825	750
KJ	Hedge/Member	Tier 4	Decrease	USD	1,000	1,000	750	750
NYISO J OFF-PEAK (KK)								
KK	Spec	Tier 1	Decrease	USD	4,950	4,500	3,575	3,250
KK	Hedge/Member	Tier 1	Decrease	USD	4,500	4,500	3,250	3,250
KK	Spec	Tier 2	Decrease	USD	3,850	3,500	2,200	2,000
KK	Hedge/Member	Tier 2	Decrease	USD	3,500	3,500	2,000	2,000
KK	Spec	Tier 3	Decrease	USD	2,750	2,500	1,650	1,500
KK	Hedge/Member	Tier 3	Decrease	USD	2,500	2,500	1,500	1,500
KK	Spec	Tier 4	Decrease	USD	2,200	2,000	1,650	1,500
KK	Hedge/Member	Tier 4	Decrease	USD	2,000	2,000	1,500	1,500
NYISO ZONE A 5MW D AH O PK (K4)								
K4	Spec	Tier 1	Decrease	USD	44	40	28	25
K4	Hedge/Member	Tier 1	Decrease	USD	40	40	25	25
K4	Spec	Tier 2	Decrease	USD	17	15	11	10
K4	Hedge/Member	Tier 2	Decrease	USD	15	15	10	10
NYISO ZONE A 5MW D AH PK (K3)								
K3	Spec	Tier 2	Decrease	USD	330	300	220	200
K3	Hedge/Member	Tier 2	Decrease	USD	300	300	200	200
K3	Spec	Tier 3	Decrease	USD	176	160	132	120
K3	Hedge/Member	Tier 3	Decrease	USD	160	160	120	120
K3	Spec	Tier 4	Decrease	USD	165	150	121	110
K3	Hedge/Member	Tier 4	Decrease	USD	150	150	110	110
NYISO ZONE C 5MW D AH O PK (A3)								
A3	Spec	Tier 1	Decrease	USD	44	40	28	25
A3	Hedge/Member	Tier 1	Decrease	USD	40	40	25	25
A3	Spec	Tier 2	Decrease	USD	22	20	11	10
A3	Hedge/Member	Tier 2	Decrease	USD	20	20	10	10

SPAN MINIMUM PERFORMANCE BOND REQUIREMENTS

CC	Rate Type	Description	Change	ISO	Current Initial	Current Maintenance	New Initial	New Maintenance
Outright Rates								
NYISO ZONE C 5MW D AH PK (Q5)								
Q5	Spec	Tier 1	Decrease	USD	660	600	495	450
Q5	Hedge/Member	Tier 1	Decrease	USD	600	600	450	450
Q5	Spec	Tier 2	Decrease	USD	330	300	220	200
Q5	Hedge/Member	Tier 2	Decrease	USD	300	300	200	200
Q5	Spec	Tier 3	Decrease	USD	220	200	138	125
Q5	Hedge/Member	Tier 3	Decrease	USD	200	200	125	125
Q5	Spec	Tier 4	Decrease	USD	220	200	138	125
Q5	Hedge/Member	Tier 4	Decrease	USD	200	200	125	125
NYISO ZONE F 5MW O PK SWAP (4M)								
4M	Spec	Tier 1	Decrease	USD	44	40	28	25
4M	Hedge/Member	Tier 1	Decrease	USD	40	40	25	25
4M	Spec	Tier 2	Decrease	USD	22	20	17	15
4M	Hedge/Member	Tier 2	Decrease	USD	20	20	15	15
4M	Spec	Tier 3	Decrease	USD	17	15	11	10
4M	Hedge/Member	Tier 3	Decrease	USD	15	15	10	10
4M	Spec	Tier 4	Decrease	USD	17	15	11	10
4M	Hedge/Member	Tier 4	Decrease	USD	15	15	10	10
NYISO ZONE F 5MW PK SWAP (4L)								
4L	Spec	Tier 2	Decrease	USD	660	600	385	350
4L	Hedge/Member	Tier 2	Decrease	USD	600	600	350	350
NYISO ZONE G 5MW D AH O PK (D2)								
D2	Spec	Tier 1	Decrease	USD	44	40	28	25
D2	Hedge/Member	Tier 1	Decrease	USD	40	40	25	25
D2	Spec	Tier 2	Decrease	USD	22	20	17	15
D2	Hedge/Member	Tier 2	Decrease	USD	20	20	15	15
D2	Spec	Tier 3	Decrease	USD	17	15	11	10
D2	Hedge/Member	Tier 3	Decrease	USD	15	15	10	10
NYISO ZONE G 5MW D AH PK (T3)								
T3	Spec	Tier 1	Decrease	USD	770	700	605	550
T3	Hedge/Member	Tier 1	Decrease	USD	700	700	550	550
T3	Spec	Tier 2	Decrease	USD	440	400	330	300
T3	Hedge/Member	Tier 2	Decrease	USD	400	400	300	300
T3	Spec	Tier 3	Decrease	USD	220	200	165	150
T3	Hedge/Member	Tier 3	Decrease	USD	200	200	150	150
T3	Spec	Tier 4	Decrease	USD	220	200	165	150
T3	Hedge/Member	Tier 4	Decrease	USD	200	200	150	150

SPAN MINIMUM PERFORMANCE BOND REQUIREMENTS

CC	Rate Type	Description	Change	ISO	Current Initial	Current Maintenance	New Initial	New Maintenance
Outright Rates								
NYISO ZONE J 5MW D AH O PK (D4)								
D4	Spec	Tier 1	Decrease	USD	44	40	28	25
D4	Hedge/Member	Tier 1	Decrease	USD	40	40	25	25
NYISO ZONE J 5MW D AH PK (D3)								
D3	Spec	Tier 1	Decrease	USD	880	800	550	500
D3	Hedge/Member	Tier 1	Decrease	USD	800	800	500	500
D3	Spec	Tier 2	Decrease	USD	440	400	330	300
D3	Hedge/Member	Tier 2	Decrease	USD	400	400	300	300
D3	Spec	Tier 3	Decrease	USD	220	200	165	150
D3	Hedge/Member	Tier 3	Decrease	USD	200	200	150	150
D3	Spec	Tier 4	Decrease	USD	220	200	165	150
D3	Hedge/Member	Tier 4	Decrease	USD	200	200	150	150
ONTARIO OFF-PK CAL-MO SWP FUT (OFM)								
OFM	Spec	Tier 1	Decrease	CAD	39	35	28	25
OFM	Hedge/Member	Tier 1	Decrease	CAD	35	35	25	25
OFM	Spec	Tier 2	Decrease	CAD	33	30	22	20
OFM	Hedge/Member	Tier 2	Decrease	CAD	30	30	20	20
ONTARIO PEAK CAL-MONTH SWP FUT (OPM)								
OPM	Spec	Tier 1	Decrease	CAD	550	500	440	400
OPM	Hedge/Member	Tier 1	Decrease	CAD	500	500	400	400
OPM	Spec	Tier 2	Decrease	CAD	550	500	330	300
OPM	Hedge/Member	Tier 2	Decrease	CAD	500	500	300	300
OPM	Spec	Tier 3	Decrease	CAD	440	400	330	300
OPM	Hedge/Member	Tier 3	Decrease	CAD	400	400	300	300
OPM	Spec	Tier 4	Decrease	CAD	440	400	330	300
OPM	Hedge/Member	Tier 4	Decrease	CAD	400	400	300	300
PJM AD HUB 5MW REAL TIME PK (Z9)								
Z9	Spec	Tier 1	Decrease	USD	770	700	660	600
Z9	Hedge/Member	Tier 1	Decrease	USD	700	700	600	600
Z9	Spec	Tier 2	Decrease	USD	330	300	275	250
Z9	Hedge/Member	Tier 2	Decrease	USD	300	300	250	250
Z9	Spec	Tier 3	Decrease	USD	220	200	193	175
Z9	Hedge/Member	Tier 3	Decrease	USD	200	200	175	175
Z9	Spec	Tier 4	Decrease	USD	220	200	165	150
Z9	Hedge/Member	Tier 4	Decrease	USD	200	200	150	150
PJM AECO DA PEAK (Y1)								
Y1	Spec	Tier 2	Decrease	USD	495	450	385	350
Y1	Hedge/Member	Tier 2	Decrease	USD	450	450	350	350

SPAN MINIMUM PERFORMANCE BOND REQUIREMENTS

CC	Rate Type	Description	Change	ISO	Current Initial	Current Maintenance	New Initial	New Maintenance
Outright Rates								
PJM APS ZONE DA PEAK (S4)								
S4	Spec	Tier 2	Decrease	USD	440	400	385	350
S4	Hedge/Member	Tier 2	Decrease	USD	400	400	350	350
S4	Spec	Tier 3	Decrease	USD	330	300	220	200
S4	Hedge/Member	Tier 3	Decrease	USD	300	300	200	200
S4	Spec	Tier 4	Decrease	USD	330	300	220	200
S4	Hedge/Member	Tier 4	Decrease	USD	300	300	200	200
PJM BGE DA PEAK (E3)								
E3	Spec	Tier 2	Decrease	USD	495	450	385	350
E3	Hedge/Member	Tier 2	Decrease	USD	450	450	350	350
E3	Spec	Tier 4	Decrease	USD	220	200	165	150
E3	Hedge/Member	Tier 4	Decrease	USD	200	200	150	150
PJM DAYTON DA PEAK (D7)								
D7	Spec	Tier 2	Decrease	USD	330	300	275	250
D7	Hedge/Member	Tier 2	Decrease	USD	300	300	250	250
PJM DOM Z OF PK CLND M D AHEAD (U1)								
U1	Spec	Tier 3	Decrease	USD	17	15	11	10
U1	Hedge/Member	Tier 3	Decrease	USD	15	15	10	10
U1	Spec	Tier 4	Decrease	USD	17	15	11	10
U1	Hedge/Member	Tier 4	Decrease	USD	15	15	10	10
PJM DPL DA PEAK (L8)								
L8	Spec	Tier 2	Decrease	USD	495	450	385	350
L8	Hedge/Member	Tier 2	Decrease	USD	450	450	350	350
L8	Spec	Tier 4	Decrease	USD	220	200	165	150
L8	Hedge/Member	Tier 4	Decrease	USD	200	200	150	150
PJM DUQUS 5MW D AH O PK (D6)								
D6	Spec	Tier 3	Decrease	USD	17	15	11	10
D6	Hedge/Member	Tier 3	Decrease	USD	15	15	10	10
D6	Spec	Tier 4	Decrease	USD	17	15	11	10
D6	Hedge/Member	Tier 4	Decrease	USD	15	15	10	10
PJM EASTERNH DA PEAK (E9)								
E9	Spec	Tier 4	Decrease	USD	220	200	165	150
E9	Hedge/Member	Tier 4	Decrease	USD	200	200	150	150

SPAN MINIMUM PERFORMANCE BOND REQUIREMENTS

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

PJM JCPL DA PEAK (J2)

J2	Spec	Tier 1	Decrease	USD	770	700	660	600
J2	Hedge/Member	Tier 1	Decrease	USD	700	700	600	600
J2	Spec	Tier 2	Decrease	USD	495	450	385	350
J2	Hedge/Member	Tier 2	Decrease	USD	450	450	350	350
J2	Spec	Tier 3	Decrease	USD	275	250	220	200
J2	Hedge/Member	Tier 3	Decrease	USD	250	250	200	200
J2	Spec	Tier 4	Decrease	USD	220	200	165	150
J2	Hedge/Member	Tier 4	Decrease	USD	200	200	150	150

PJM METED ZONE PK CAL LMP SWP FUT (47)

47	Spec	Tier 2	Decrease	USD	440	400	330	300
47	Hedge/Member	Tier 2	Decrease	USD	400	400	300	300
47	Spec	Tier 3	Decrease	USD	275	250	220	200
47	Hedge/Member	Tier 3	Decrease	USD	250	250	200	200
47	Spec	Tier 4	Decrease	USD	220	200	165	150
47	Hedge/Member	Tier 4	Decrease	USD	200	200	150	150

PJM MONTHLY (JM)

JM	Spec	Tier 2	Decrease	USD	2,750	2,500	2,200	2,000
JM	Hedge/Member	Tier 2	Decrease	USD	2,500	2,500	2,000	2,000
JM	Spec	Tier 3	Decrease	USD	1,925	1,750	1,650	1,500
JM	Hedge/Member	Tier 3	Decrease	USD	1,750	1,750	1,500	1,500
JM	Spec	Tier 4	Decrease	USD	1,650	1,500	1,375	1,250
JM	Hedge/Member	Tier 4	Decrease	USD	1,500	1,500	1,250	1,250

PJM NI HUB 5MW REAL TIME PK (B3)

B3	Spec	Tier 2	Decrease	USD	275	250	220	200
B3	Hedge/Member	Tier 2	Decrease	USD	250	250	200	200
B3	Spec	Tier 3	Decrease	USD	220	200	165	150
B3	Hedge/Member	Tier 3	Decrease	USD	200	200	150	150
B3	Spec	Tier 4	Decrease	USD	220	200	165	150
B3	Hedge/Member	Tier 4	Decrease	USD	200	200	150	150

SPAN MINIMUM PERFORMANCE BOND REQUIREMENTS

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

PJM NILL DA PEAK (N3)

N3	Spec	Tier 1	Decrease	USD	770	700	660	600
N3	Hedge/Member	Tier 1	Decrease	USD	700	700	600	600
N3	Spec	Tier 2	Decrease	USD	275	250	220	200
N3	Hedge/Member	Tier 2	Decrease	USD	250	250	200	200
N3	Spec	Tier 3	Decrease	USD	220	200	165	150
N3	Hedge/Member	Tier 3	Decrease	USD	200	200	150	150
N3	Spec	Tier 4	Decrease	USD	220	200	165	150
N3	Hedge/Member	Tier 4	Decrease	USD	200	200	150	150

PJM OFF-PEAK LMP SWAP FUTURE (JP)

JP	Spec	Tier 2	Decrease	USD	2,200	2,000	1,650	1,500
JP	Hedge/Member	Tier 2	Decrease	USD	2,000	2,000	1,500	1,500
JP	Spec	Tier 3	Decrease	USD	1,650	1,500	1,375	1,250
JP	Hedge/Member	Tier 3	Decrease	USD	1,500	1,500	1,250	1,250
JP	Spec	Tier 4	Decrease	USD	1,375	1,250	1,100	1,000
JP	Hedge/Member	Tier 4	Decrease	USD	1,250	1,250	1,000	1,000

PJM PENELEC ZONE PK CAL LMP SWP FT (49)

49	Spec	Tier 2	Decrease	USD	440	400	330	300
49	Hedge/Member	Tier 2	Decrease	USD	400	400	300	300
49	Spec	Tier 4	Decrease	USD	220	200	165	150
49	Hedge/Member	Tier 4	Decrease	USD	200	200	150	150

PJM PEPSCO DA PEAK (R8)

R8	Spec	Tier 2	Decrease	USD	440	400	330	300
R8	Hedge/Member	Tier 2	Decrease	USD	400	400	300	300

PJM PPL DA PEAK (L5)

L5	Spec	Tier 1	Decrease	USD	770	700	660	600
L5	Hedge/Member	Tier 1	Decrease	USD	700	700	600	600
L5	Spec	Tier 2	Decrease	USD	440	400	385	350
L5	Hedge/Member	Tier 2	Decrease	USD	400	400	350	350

PJM PSEG DA PEAK (L6)

L6	Spec	Tier 2	Decrease	USD	385	350	330	300
L6	Hedge/Member	Tier 2	Decrease	USD	350	350	300	300
L6	Spec	Tier 3	Decrease	USD	275	250	220	200
L6	Hedge/Member	Tier 3	Decrease	USD	250	250	200	200

SPAN MINIMUM PERFORMANCE BOND REQUIREMENTS

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

PJM WES HUB PEAK CAL MON REAL TIME (L1)

L1	Spec	Tier 1	Decrease	USD	770	700	660	600
L1	Hedge/Member	Tier 1	Decrease	USD	700	700	600	600
L1	Spec	Tier 2	Decrease	USD	385	350	275	250
L1	Hedge/Member	Tier 2	Decrease	USD	350	350	250	250
L1	Spec	Tier 3	Decrease	USD	165	150	138	125
L1	Hedge/Member	Tier 3	Decrease	USD	150	150	125	125
L1	Spec	Tier 4	Decrease	USD	165	150	138	125
L1	Hedge/Member	Tier 4	Decrease	USD	150	150	125	125

PJM WES HUB PEAK LMP 50 MW (4S)

4S	Spec	Tier 1	Decrease	USD	7,700	7,000	6,600	6,000
4S	Hedge/Member	Tier 1	Decrease	USD	7,000	7,000	6,000	6,000
4S	Spec	Tier 2	Decrease	USD	3,850	3,500	2,750	2,500
4S	Hedge/Member	Tier 2	Decrease	USD	3,500	3,500	2,500	2,500
4S	Spec	Tier 3	Decrease	USD	1,650	1,500	1,375	1,250
4S	Hedge/Member	Tier 3	Decrease	USD	1,500	1,500	1,250	1,250
4S	Spec	Tier 4	Decrease	USD	1,650	1,500	1,375	1,250
4S	Hedge/Member	Tier 4	Decrease	USD	1,500	1,500	1,250	1,250

PJM WESTHDA PEAK (J4)

J4	Spec	Tier 1	Decrease	USD	770	700	660	600
J4	Hedge/Member	Tier 1	Decrease	USD	700	700	600	600
J4	Spec	Tier 2	Decrease	USD	385	350	330	300
J4	Hedge/Member	Tier 2	Decrease	USD	350	350	300	300
J4	Spec	Tier 3	Decrease	USD	220	200	165	150
J4	Hedge/Member	Tier 3	Decrease	USD	200	200	150	150
J4	Spec	Tier 4	Decrease	USD	165	150	110	100
J4	Hedge/Member	Tier 4	Decrease	USD	150	150	100	100

SPAN MINIMUM PERFORMANCE BOND REQUIREMENTS

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

CRUDE OIL - Intra Spreads

Brent Crude Oil (BB, BZ, CY) - 1 Month Butterfly Month 10-12 (BRENT FINANCIAL FUTURES)

BB	Spec	New	USD		338	250
BB	Hedge/Member	New	USD		250	250

Brent Crude Oil (BB, BZ, CY) - 1 Month Butterfly Month 1-3 (BRENT FINANCIAL FUTURES)

BB	Spec	New	USD		1,688	1,250
BB	Hedge/Member	New	USD		1,250	1,250

Brent Crude Oil (BB, BZ, CY) - 1 Month Butterfly Month 2-4 (BRENT FINANCIAL FUTURES)

BB	Spec	New	USD		1,350	1,000
BB	Hedge/Member	New	USD		1,000	1,000

Brent Crude Oil (BB, BZ, CY) - 1 Month Butterfly Month 3-5 (BRENT FINANCIAL FUTURES)

BB	Spec	New	USD		338	250
BB	Hedge/Member	New	USD		250	250

SPAN MINIMUM PERFORMANCE BOND REQUIREMENTS

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

Brent Crude Oil (BB, BZ, CY) - 1 Month Butterfly Month 4-6 (BRENT FINANCIAL FUTURES)

BB	Spec		New	USD			338	250
BB	Hedge/Member		New	USD			250	250

Brent Crude Oil (BB, BZ, CY) - 1 Month Butterfly Month 5-7 (BRENT FINANCIAL FUTURES)

BB	Spec		New	USD			338	250
BB	Hedge/Member		New	USD			250	250

Brent Crude Oil (BB, BZ, CY) - 1 Month Butterfly Month 6-8 (BRENT FINANCIAL FUTURES)

BB	Spec		New	USD			338	250
BB	Hedge/Member		New	USD			250	250

SPAN MINIMUM PERFORMANCE BOND REQUIREMENTS

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

Brent Crude Oil (BB, BZ, CY) - 1 Month Butterfly Month 7-9 (BRENT FINANCIAL FUTURES)

BB	Spec		New	USD			338	250
BB	Hedge/Member		New	USD			250	250

Brent Crude Oil (BB, BZ, CY) - 1 Month Butterfly Month 8-10 (BRENT FINANCIAL FUTURES)

BB	Spec		New	USD			338	250
BB	Hedge/Member		New	USD			250	250

Brent Crude Oil (BB, BZ, CY) - 1 Month Butterfly Month 9-11 (BRENT FINANCIAL FUTURES)

BB	Spec		New	USD			338	250
BB	Hedge/Member		New	USD			250	250

Brent Crude Oil (BB, BZ, CY) - 1 Month Butterfly Months 10-12 (BRENT LAST DAY CONTRACT)

BZ	Spec		New	USD			338	250
BZ	Hedge/Member		New	USD			250	250

SPAN MINIMUM PERFORMANCE BOND REQUIREMENTS

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

Brent Crude Oil (BB, BZ, CY) - 1 Month Butterfly Months 1-3 (BRENT LAST DAY CONTRACT)

BZ	Spec		New	USD			1,688	1,250
BZ	Hedge/Member		New	USD			1,250	1,250

Brent Crude Oil (BB, BZ, CY) - 1 Month Butterfly Months 2-4 (BRENT LAST DAY CONTRACT)

BZ	Spec		New	USD			1,350	1,000
BZ	Hedge/Member		New	USD			1,000	1,000

SPAN MINIMUM PERFORMANCE BOND REQUIREMENTS

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

Brent Crude Oil (BB, BZ, CY) - 1 Month Butterfly Months 3-5 (BRENT LAST DAY CONTRACT)

BZ	Spec		New	USD			338	250
BZ	Hedge/Member		New	USD			250	250

Brent Crude Oil (BB, BZ, CY) - 1 Month Butterfly Months 4-6 (BRENT LAST DAY CONTRACT)

BZ	Spec		New	USD			338	250
BZ	Hedge/Member		New	USD			250	250

Brent Crude Oil (BB, BZ, CY) - 1 Month Butterfly Months 5-7 (BRENT LAST DAY CONTRACT)

BZ	Spec		New	USD			338	250
BZ	Hedge/Member		New	USD			250	250

SPAN MINIMUM PERFORMANCE BOND REQUIREMENTS

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

Brent Crude Oil (BB, BZ, CY) - 1 Month Butterfly Months 6-8 (BRENT LAST DAY CONTRACT)

BZ	Spec		New	USD			338	250
BZ	Hedge/Member		New	USD			250	250

Brent Crude Oil (BB, BZ, CY) - 1 Month Butterfly Months 7-9 (BRENT LAST DAY CONTRACT)

BZ	Spec		New	USD			338	250
BZ	Hedge/Member		New	USD			250	250

Brent Crude Oil (BB, BZ, CY) - 1 Month Butterfly Months 8-10 (BRENT LAST DAY CONTRACT)

BZ	Spec		New	USD			338	250
BZ	Hedge/Member		New	USD			250	250

SPAN MINIMUM PERFORMANCE BOND REQUIREMENTS

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

Brent Crude Oil (BB, BZ, CY) - 1 Month Butterfly Months 9-11 (BRENT LAST DAY CONTRACT)

BZ	Spec	New	USD			338	250
BZ	Hedge/Member	New	USD			250	250

Brent Crude Oil (BB, BZ, CY) - Tier 1 vs. Tier 2 (BRENT CALENDAR SWAP)

CY	Spec	Decrease	USD	2,093	1,550	1,350	1,000
CY	Hedge/Member	Decrease	USD	1,550	1,550	1,000	1,000

Brent Crude Oil (BB, BZ, CY) - Tier 1 vs. Tier 2 (BRENT CRUDE TAM LONDON)

BZL	Spec	Decrease	USD	2,093	1,550	1,350	1,000
BZL	Hedge/Member	Decrease	USD	1,550	1,550	1,000	1,000

Brent Crude Oil (BB, BZ, CY) - Tier 1 vs. Tier 2 (BRENT CRUDE TAM SINGAPORE)

BZS	Spec	Decrease	USD	2,093	1,550	1,350	1,000
BZS	Hedge/Member	Decrease	USD	1,550	1,550	1,000	1,000

Brent Crude Oil (BB, BZ, CY) - Tier 1 vs. Tier 2 (BRENT FIN TRAD AT SETTLE FUTURES)

BBT	Spec	Decrease	USD	2,093	1,550	1,350	1,000
BBT	Hedge/Member	Decrease	USD	1,550	1,550	1,000	1,000

Brent Crude Oil (BB, BZ, CY) - Tier 1 vs. Tier 2 (BRENT FINANCIAL FUTURES)

BB	Spec	Decrease	USD	2,093	1,550	1,350	1,000
BB	Hedge/Member	Decrease	USD	1,550	1,550	1,000	1,000

Brent Crude Oil (BB, BZ, CY) - Tier 1 vs. Tier 2 (BRENT LAST DAY CONTRACT)

BZ	Spec	Decrease	USD	2,093	1,550	1,350	1,000
BZ	Hedge/Member	Decrease	USD	1,550	1,550	1,000	1,000

Brent Crude Oil (BB, BZ, CY) - Tier 1 vs. Tier 2 (BRENT LAST DAYTRADE AT SETTLEMENT)

BZT	Spec	Decrease	USD	2,093	1,550	1,350	1,000
BZT	Hedge/Member	Decrease	USD	1,550	1,550	1,000	1,000

SPAN MINIMUM PERFORMANCE BOND REQUIREMENTS

CC	Rate Type	Description	Change	ISO	Current Initial	Current Maintenance	New Initial	New Maintenance
Intra Spreads								
Brent Crude Oil (BB, BZ, CY) - Tier 1 vs. Tier 2 (MICRO BRENT CRUDE OIL FUTURES)								
MBZ	Spec		Decrease	USD	2	2	1	1
MBZ	Hedge/Member		Decrease	USD	2	2	1	1
Brent Crude Oil (BB, BZ, CY) - Tier 1 vs. Tier 3 (BRENT FIN TRAD AT SETTLE FUTURES)								
BBT	Spec		Decrease	USD	3,038	2,250	2,363	1,750
BBT	Hedge/Member		Decrease	USD	2,250	2,250	1,750	1,750
Brent Crude Oil (BB, BZ, CY) - Tier 1 vs. Tier 3 (BRENT FINANCIAL FUTURES)								
BB	Spec		Decrease	USD	3,038	2,250	2,363	1,750
BB	Hedge/Member		Decrease	USD	2,250	2,250	1,750	1,750
Brent Crude Oil (BB, BZ, CY) - Tier 1 vs. Tier 3 (MICRO BRENT CRUDE OIL FUTURES)								
MBZ	Spec		Decrease	USD	3	2	2	2
MBZ	Hedge/Member		Decrease	USD	2	2	2	2
Brent Crude Oil (BB, BZ, CY) - Tier 1 vs. Tier 3 (BRENT CALENDAR SWAP)								
CY	Spec		Decrease	USD	3,038	2,250	2,363	1,750
CY	Hedge/Member		Decrease	USD	2,250	2,250	1,750	1,750
Brent Crude Oil (BB, BZ, CY) - Tier 1 vs. Tier 3 (BRENT CRUDE TAM LONDON)								
BZL	Spec		Decrease	USD	3,038	2,250	2,363	1,750
BZL	Hedge/Member		Decrease	USD	2,250	2,250	1,750	1,750
Brent Crude Oil (BB, BZ, CY) - Tier 1 vs. Tier 3 (BRENT CRUDE TAM SINGAPORE)								
BZS	Spec		Decrease	USD	3,038	2,250	2,363	1,750
BZS	Hedge/Member		Decrease	USD	2,250	2,250	1,750	1,750
Brent Crude Oil (BB, BZ, CY) - Tier 1 vs. Tier 3 (BRENT LAST DAY CONTRACT)								
BZ	Spec		Decrease	USD	3,038	2,250	2,363	1,750
BZ	Hedge/Member		Decrease	USD	2,250	2,250	1,750	1,750
Brent Crude Oil (BB, BZ, CY) - Tier 1 vs. Tier 3 (BRENT LAST DAYTRADE AT SETTLEMENT)								
BZT	Spec		Decrease	USD	3,038	2,250	2,363	1,750
BZT	Hedge/Member		Decrease	USD	2,250	2,250	1,750	1,750
Brent Crude Oil (BB, BZ, CY) - Tier 2 vs. Tier 2 (BRENT CALENDAR SWAP)								
CY	Spec		Decrease	USD	1,519	1,125	1,013	750
CY	Hedge/Member		Decrease	USD	1,125	1,125	750	750
Brent Crude Oil (BB, BZ, CY) - Tier 2 vs. Tier 2 (BRENT CRUDE TAM LONDON)								
BZL	Spec		Decrease	USD	1,519	1,125	1,013	750
BZL	Hedge/Member		Decrease	USD	1,125	1,125	750	750

SPAN MINIMUM PERFORMANCE BOND REQUIREMENTS

CC	Rate Type	Description	Change	ISO	Current Initial	Current Maintenance	New Initial	New Maintenance
Intra Spreads								
Brent Crude Oil (BB, BZ, CY) - Tier 2 vs. Tier 2 (BRENT CRUDE TAM SINGAPORE)								
BZS	Spec		Decrease	USD	1,519	1,125	1,013	750
BZS	Hedge/Member		Decrease	USD	1,125	1,125	750	750
Brent Crude Oil (BB, BZ, CY) - Tier 2 vs. Tier 2 (BRENT FIN TRAD AT SETTLE FUTURES)								
BBT	Spec		Decrease	USD	1,519	1,125	1,013	750
BBT	Hedge/Member		Decrease	USD	1,125	1,125	750	750
Brent Crude Oil (BB, BZ, CY) - Tier 2 vs. Tier 2 (BRENT FINANCIAL FUTURES)								
BB	Spec		Decrease	USD	1,519	1,125	1,013	750
BB	Hedge/Member		Decrease	USD	1,125	1,125	750	750
Brent Crude Oil (BB, BZ, CY) - Tier 2 vs. Tier 2 (BRENT LAST DAY CONTRACT)								
BZ	Spec		Decrease	USD	1,519	1,125	1,013	750
BZ	Hedge/Member		Decrease	USD	1,125	1,125	750	750
Brent Crude Oil (BB, BZ, CY) - Tier 2 vs. Tier 2 (BRENT LAST DAYTRADE AT SETTLEMENT)								
BZT	Spec		Decrease	USD	1,519	1,125	1,013	750
BZT	Hedge/Member		Decrease	USD	1,125	1,125	750	750
Brent Crude Oil (BB, BZ, CY) - Tier 2 vs. Tier 2 (MICRO BRENT CRUDE OIL FUTURES)								
MBZ	Spec		Decrease	USD	2	1	1	1
MBZ	Hedge/Member		Decrease	USD	1	1	1	1
Brent Crude Oil (BB, BZ, CY) - Tier 2 vs. Tier 3 (BRENT FIN TRAD AT SETTLE FUTURES)								
BBT	Spec		Decrease	USD	1,350	1,000	1,013	750
BBT	Hedge/Member		Decrease	USD	1,000	1,000	750	750
Brent Crude Oil (BB, BZ, CY) - Tier 2 vs. Tier 3 (BRENT FINANCIAL FUTURES)								
BB	Spec		Decrease	USD	1,350	1,000	1,013	750
BB	Hedge/Member		Decrease	USD	1,000	1,000	750	750
Brent Crude Oil (BB, BZ, CY) - Tier 2 vs. Tier 3 (MICRO BRENT CRUDE OIL FUTURES)								
MBZ	Spec		Decrease	USD	1	1	1	1
MBZ	Hedge/Member		Decrease	USD	1	1	1	1
Brent Crude Oil (BB, BZ, CY) - Tier 2 vs. Tier 3 (BRENT CALENDAR SWAP)								
CY	Spec		Decrease	USD	1,350	1,000	1,013	750
CY	Hedge/Member		Decrease	USD	1,000	1,000	750	750
Brent Crude Oil (BB, BZ, CY) - Tier 2 vs. Tier 3 (BRENT CRUDE TAM LONDON)								
BZL	Spec		Decrease	USD	1,350	1,000	1,013	750
BZL	Hedge/Member		Decrease	USD	1,000	1,000	750	750

SPAN MINIMUM PERFORMANCE BOND REQUIREMENTS

CC	Rate Type	Description	Change	ISO	Current Initial	Current Maintenance	New Initial	New Maintenance
Intra Spreads								
Brent Crude Oil (BB, BZ, CY) - Tier 2 vs. Tier 3 (BRENT CRUDE TAM SINGAPORE)								
BZS	Spec		Decrease	USD	1,350	1,000	1,013	750
BZS	Hedge/Member		Decrease	USD	1,000	1,000	750	750
Brent Crude Oil (BB, BZ, CY) - Tier 2 vs. Tier 3 (BRENT LAST DAY CONTRACT)								
BZ	Spec		Decrease	USD	1,350	1,000	1,013	750
BZ	Hedge/Member		Decrease	USD	1,000	1,000	750	750
Brent Crude Oil (BB, BZ, CY) - Tier 2 vs. Tier 3 (BRENT LAST DAYTRADE AT SETTLEMENT)								
BZT	Spec		Decrease	USD	1,350	1,000	1,013	750
BZT	Hedge/Member		Decrease	USD	1,000	1,000	750	750
Brent Crude Oil (BB, BZ, CY) - Tier 2 vs. Tier 4 (BRENT CALENDAR SWAP)								
CY	Spec		Increase	USD	2,363	1,750	3,038	2,250
CY	Hedge/Member		Increase	USD	1,750	1,750	2,250	2,250
Brent Crude Oil (BB, BZ, CY) - Tier 2 vs. Tier 4 (BRENT CRUDE TAM LONDON)								
BZL	Spec		Increase	USD	2,363	1,750	3,038	2,250
BZL	Hedge/Member		Increase	USD	1,750	1,750	2,250	2,250
Brent Crude Oil (BB, BZ, CY) - Tier 2 vs. Tier 4 (BRENT CRUDE TAM SINGAPORE)								
BZS	Spec		Increase	USD	2,363	1,750	3,038	2,250
BZS	Hedge/Member		Increase	USD	1,750	1,750	2,250	2,250
Brent Crude Oil (BB, BZ, CY) - Tier 2 vs. Tier 4 (BRENT FIN TRAD AT SETTLE FUTURES)								
BBT	Spec		Increase	USD	2,363	1,750	3,038	2,250
BBT	Hedge/Member		Increase	USD	1,750	1,750	2,250	2,250
Brent Crude Oil (BB, BZ, CY) - Tier 2 vs. Tier 4 (BRENT FINANCIAL FUTURES)								
BB	Spec		Increase	USD	2,363	1,750	3,038	2,250
BB	Hedge/Member		Increase	USD	1,750	1,750	2,250	2,250
Brent Crude Oil (BB, BZ, CY) - Tier 2 vs. Tier 4 (BRENT LAST DAY CONTRACT)								
BZ	Spec		Increase	USD	2,363	1,750	3,038	2,250
BZ	Hedge/Member		Increase	USD	1,750	1,750	2,250	2,250
Brent Crude Oil (BB, BZ, CY) - Tier 2 vs. Tier 4 (BRENT LAST DAYTRADE AT SETTLEMENT)								
BZT	Spec		Increase	USD	2,363	1,750	3,038	2,250
BZT	Hedge/Member		Increase	USD	1,750	1,750	2,250	2,250
Brent Crude Oil (BB, BZ, CY) - Tier 2 vs. Tier 4 (MICRO BRENT CRUDE OIL FUTURES)								
MBZ	Spec		Increase	USD	2	2	3	2
MBZ	Hedge/Member		Increase	USD	2	2	2	2

SPAN MINIMUM PERFORMANCE BOND REQUIREMENTS

CC	Rate Type	Description	Change	ISO	Current Initial	Current Maintenance	New Initial	New Maintenance
Intra Spreads								
Brent Crude Oil (BB, BZ, CY) - Tier 3 vs. Tier 3 (BRENT CALENDAR SWAP)								
CY	Spec		Decrease	USD	2,025	1,500	1,350	1,000
CY	Hedge/Member		Decrease	USD	1,500	1,500	1,000	1,000
Brent Crude Oil (BB, BZ, CY) - Tier 3 vs. Tier 3 (BRENT CRUDE TAM LONDON)								
BZL	Spec		Decrease	USD	2,025	1,500	1,350	1,000
BZL	Hedge/Member		Decrease	USD	1,500	1,500	1,000	1,000
Brent Crude Oil (BB, BZ, CY) - Tier 3 vs. Tier 3 (BRENT CRUDE TAM SINGAPORE)								
BZS	Spec		Decrease	USD	2,025	1,500	1,350	1,000
BZS	Hedge/Member		Decrease	USD	1,500	1,500	1,000	1,000
Brent Crude Oil (BB, BZ, CY) - Tier 3 vs. Tier 3 (BRENT FIN TRAD AT SETTLE FUTURES)								
BBT	Spec		Decrease	USD	2,025	1,500	1,350	1,000
BBT	Hedge/Member		Decrease	USD	1,500	1,500	1,000	1,000
Brent Crude Oil (BB, BZ, CY) - Tier 3 vs. Tier 3 (BRENT FINANCIAL FUTURES)								
BB	Spec		Decrease	USD	2,025	1,500	1,350	1,000
BB	Hedge/Member		Decrease	USD	1,500	1,500	1,000	1,000
Brent Crude Oil (BB, BZ, CY) - Tier 3 vs. Tier 3 (BRENT LAST DAY CONTRACT)								
BZ	Spec		Decrease	USD	2,025	1,500	1,350	1,000
BZ	Hedge/Member		Decrease	USD	1,500	1,500	1,000	1,000
Brent Crude Oil (BB, BZ, CY) - Tier 3 vs. Tier 3 (BRENT LAST DAYTRADE AT SETTLEMENT)								
BZT	Spec		Decrease	USD	2,025	1,500	1,350	1,000
BZT	Hedge/Member		Decrease	USD	1,500	1,500	1,000	1,000
Brent Crude Oil (BB, BZ, CY) - Tier 3 vs. Tier 3 (MICRO BRENT CRUDE OIL FUTURES)								
MBZ	Spec		Decrease	USD	2	2	1	1
MBZ	Hedge/Member		Decrease	USD	2	2	1	1
Brent Crude Oil (BB, BZ, CY) - Tier 3 vs. Tier 4 (BRENT CALENDAR SWAP)								
CY	Spec		Increase	USD	3,038	2,250	3,713	2,750
CY	Hedge/Member		Increase	USD	2,250	2,250	2,750	2,750
Brent Crude Oil (BB, BZ, CY) - Tier 3 vs. Tier 4 (BRENT CRUDE TAM LONDON)								
BZL	Spec		Increase	USD	3,038	2,250	3,713	2,750
BZL	Hedge/Member		Increase	USD	2,250	2,250	2,750	2,750
Brent Crude Oil (BB, BZ, CY) - Tier 3 vs. Tier 4 (BRENT CRUDE TAM SINGAPORE)								
BZS	Spec		Increase	USD	3,038	2,250	3,713	2,750
BZS	Hedge/Member		Increase	USD	2,250	2,250	2,750	2,750

SPAN MINIMUM PERFORMANCE BOND REQUIREMENTS

CC	Rate Type	Description	Change	ISO	Current Initial	Current Maintenance	New Initial	New Maintenance
Intra Spreads								
Brent Crude Oil (BB, BZ, CY) - Tier 3 vs. Tier 4 (BRENT FIN TRAD AT SETTLE FUTURES)								
BBT	Spec		Increase	USD	3,038	2,250	3,713	2,750
BBT	Hedge/Member		Increase	USD	2,250	2,250	2,750	2,750
Brent Crude Oil (BB, BZ, CY) - Tier 3 vs. Tier 4 (BRENT FINANCIAL FUTURES)								
BB	Spec		Increase	USD	3,038	2,250	3,713	2,750
BB	Hedge/Member		Increase	USD	2,250	2,250	2,750	2,750
Brent Crude Oil (BB, BZ, CY) - Tier 3 vs. Tier 4 (BRENT LAST DAY CONTRACT)								
BZ	Spec		Increase	USD	3,038	2,250	3,713	2,750
BZ	Hedge/Member		Increase	USD	2,250	2,250	2,750	2,750
Brent Crude Oil (BB, BZ, CY) - Tier 3 vs. Tier 4 (BRENT LAST DAYTRADE AT SETTLEMENT)								
BZT	Spec		Increase	USD	3,038	2,250	3,713	2,750
BZT	Hedge/Member		Increase	USD	2,250	2,250	2,750	2,750
Brent Crude Oil (BB, BZ, CY) - Tier 3 vs. Tier 4 (MICRO BRENT CRUDE OIL FUTURES)								
MBZ	Spec		Increase	USD	3	2	4	3
MBZ	Hedge/Member		Increase	USD	2	2	3	3
Light Sweet Crude Oil (CL) - 1 Month Condor Month 1-4 (CRUDE OIL FUTURE NYMEX)								
CL	Spec		Decrease	USD	1,013	750	675	500
CL	Hedge/Member		Decrease	USD	750	750	500	500

SPAN MINIMUM PERFORMANCE BOND REQUIREMENTS

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

Light Sweet Crude Oil (CL) - 1 Month Condor Month 2-5 (CRUDE OIL FUTURE NYMEX)

CL	Spec		Decrease	USD	270	200	68	50
CL	Hedge/Member		Decrease	USD	200	200	50	50

Light Sweet Crude Oil (CL) - 1 Month Condor Month 3-6 (CRUDE OIL FUTURE NYMEX)

CL	Spec		Decrease	USD	270	200	68	50
CL	Hedge/Member		Decrease	USD	200	200	50	50

SPAN MINIMUM PERFORMANCE BOND REQUIREMENTS

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

Light Sweet Crude Oil (CL) - 1 Month Condor Month 4-7 (CRUDE OIL FUTURE NYMEX)

CL	Spec		Decrease	USD	135	100	68	50
CL	Hedge/Member		Decrease	USD	100	100	50	50

Light Sweet Crude Oil (CL, CS, WS, 26) - Consecutive Months 1-2 (CRUDE OIL LAST DAY FINANCIAL FUT)

26	Spec		Decrease	USD	1,350	1,000	338	250
26	Hedge/Member		Decrease	USD	1,000	1,000	250	250

Light Sweet Crude Oil (CL, CS, WS, 26) - Consecutive Months 1-2 (CRUDE OIL FUTURE NYMEX)

CL	Spec		Decrease	USD	1,350	1,000	338	250
CL	Hedge/Member		Decrease	USD	1,000	1,000	250	250

Light Sweet Crude Oil (CL, CS, WS, 26) - Consecutive Months 1-2 (CRUDE OIL TRADE AT MARKER LONDON)

CLL	Spec		Decrease	USD	1,350	1,000	338	250
CLL	Hedge/Member		Decrease	USD	1,000	1,000	250	250

Light Sweet Crude Oil (CL, CS, WS, 26) - Consecutive Months 1-2 (CRUDE OIL TRADE AT MARKER SINGAPORE)

CLS	Spec		Decrease	USD	1,350	1,000	338	250
CLS	Hedge/Member		Decrease	USD	1,000	1,000	250	250

SPAN MINIMUM PERFORMANCE BOND REQUIREMENTS

CC	Rate Type	Description	Change	ISO	Current Initial	Current Maintenance	New Initial	New Maintenance
Intra Spreads								
Light Sweet Crude Oil (CL, CS, WS, 26) - Consecutive Months 1-2 (CRUDE OIL TRADE AT SETTLEMENT)								
CLT	Spec		Decrease	USD	1,350	1,000	338	250
CLT	Hedge/Member		Decrease	USD	1,000	1,000	250	250
Light Sweet Crude Oil (CL, CS, WS, 26) - Consecutive Months 1-2 (E-MINI CRUDE OIL FUTURES)								
QM	Spec		Decrease	USD	675	500	169	125
QM	Hedge/Member		Decrease	USD	500	500	125	125
Light Sweet Crude Oil (CL, CS, WS, 26) - Consecutive Months 1-2 (MICRO CRUDE OIL FUTURES)								
MCL	Spec		Decrease	USD	1	1	0	0
MCL	Hedge/Member		Decrease	USD	1	1	0	0
Light Sweet Crude Oil (CL, CS, WS, 26) - Consecutive Months 1-2 (NYMEX CRUDE OIL MACI INDEX TAS)								
XCT	Spec		Decrease	USD	1,350	1,000	338	250
XCT	Hedge/Member		Decrease	USD	1,000	1,000	250	250
Light Sweet Crude Oil (CL, CS, WS, 26) - Consecutive Months 1-2 (NYMEX CRUDE OIL MACI INDEX)								
XC	Spec		Decrease	USD	270	200	68	50
XC	Hedge/Member		Decrease	USD	200	200	50	50
Light Sweet Crude Oil (CL, CS, WS, 26) - Consecutive Months 1-2 (WTI CALENDAR SWAP)								
CS	Spec		Decrease	USD	1,350	1,000	338	250
CS	Hedge/Member		Decrease	USD	1,000	1,000	250	250
Light Sweet Crude Oil (CL, CS, WS, 26) - Consecutive Months 1-2 (WTI CRUDE OIL FINANCIAL FUTURES)								
WS	Spec		Decrease	USD	1,350	1,000	338	250
WS	Hedge/Member		Decrease	USD	1,000	1,000	250	250
Light Sweet Crude Oil (CL, CS, WS, 26) - Consecutive Months 2-3 (CRUDE OIL LAST DAY FINANCIAL FUT)								
26	Spec		Decrease	USD	1,013	750	540	400
26	Hedge/Member		Decrease	USD	750	750	400	400
Light Sweet Crude Oil (CL, CS, WS, 26) - Consecutive Months 2-3 (CRUDE OIL FUTURE NYMEX)								
CL	Spec		Decrease	USD	1,013	750	540	400
CL	Hedge/Member		Decrease	USD	750	750	400	400
Light Sweet Crude Oil (CL, CS, WS, 26) - Consecutive Months 2-3 (CRUDE OIL TRADE AT MARKER LONDON)								
CLL	Spec		Decrease	USD	1,013	750	540	400
CLL	Hedge/Member		Decrease	USD	750	750	400	400
Light Sweet Crude Oil (CL, CS, WS, 26) - Consecutive Months 2-3 (CRUDE OIL TRADE AT MARKER SINGAPORE)								
CLS	Spec		Decrease	USD	1,013	750	540	400
CLS	Hedge/Member		Decrease	USD	750	750	400	400

SPAN MINIMUM PERFORMANCE BOND REQUIREMENTS

CC	Rate Type	Description	Change	ISO	Current Initial	Current Maintenance	New Initial	New Maintenance
Intra Spreads								
Light Sweet Crude Oil (CL, CS, WS, 26) - Consecutive Months 2-3 (CRUDE OIL TRADE AT SETTLEMENT)								
CLT	Spec		Decrease	USD	1,013	750	540	400
CLT	Hedge/Member		Decrease	USD	750	750	400	400
Light Sweet Crude Oil (CL, CS, WS, 26) - Consecutive Months 2-3 (E-MINI CRUDE OIL FUTURES)								
QM	Spec		Decrease	USD	506	375	270	200
QM	Hedge/Member		Decrease	USD	375	375	200	200
Light Sweet Crude Oil (CL, CS, WS, 26) - Consecutive Months 2-3 (MICRO CRUDE OIL FUTURES)								
MCL	Spec		Decrease	USD	1	1	1	0
MCL	Hedge/Member		Decrease	USD	1	1	0	0
Light Sweet Crude Oil (CL, CS, WS, 26) - Consecutive Months 2-3 (NYMEX CRUDE OIL MACI INDEX TAS)								
XCT	Spec		Decrease	USD	1,013	750	540	400
XCT	Hedge/Member		Decrease	USD	750	750	400	400
Light Sweet Crude Oil (CL, CS, WS, 26) - Consecutive Months 2-3 (NYMEX CRUDE OIL MACI INDEX)								
XC	Spec		Decrease	USD	203	150	108	80
XC	Hedge/Member		Decrease	USD	150	150	80	80
Light Sweet Crude Oil (CL, CS, WS, 26) - Consecutive Months 2-3 (WTI CALENDAR SWAP)								
CS	Spec		Decrease	USD	1,013	750	540	400
CS	Hedge/Member		Decrease	USD	750	750	400	400
Light Sweet Crude Oil (CL, CS, WS, 26) - Consecutive Months 2-3 (WTI CRUDE OIL FINANCIAL FUTURES)								
WS	Spec		Decrease	USD	1,013	750	540	400
WS	Hedge/Member		Decrease	USD	750	750	400	400
Light Sweet Crude Oil (CL, CS, WS, 26) - Consecutive Months 3-4 (CRUDE OIL LAST DAY FINANCIAL FUT)								
26	Spec		Decrease	USD	675	500	540	400
26	Hedge/Member		Decrease	USD	500	500	400	400
Light Sweet Crude Oil (CL, CS, WS, 26) - Consecutive Months 3-4 (CRUDE OIL FUTURE NYMEX)								
CL	Spec		Decrease	USD	675	500	540	400
CL	Hedge/Member		Decrease	USD	500	500	400	400
Light Sweet Crude Oil (CL, CS, WS, 26) - Consecutive Months 3-4 (CRUDE OIL TRADE AT MARKER LONDON)								
CLL	Spec		Decrease	USD	675	500	540	400
CLL	Hedge/Member		Decrease	USD	500	500	400	400
Light Sweet Crude Oil (CL, CS, WS, 26) - Consecutive Months 3-4 (CRUDE OIL TRADE AT MARKER SINGAPORE)								
CLS	Spec		Decrease	USD	675	500	540	400
CLS	Hedge/Member		Decrease	USD	500	500	400	400

SPAN MINIMUM PERFORMANCE BOND REQUIREMENTS

CC	Rate Type	Description	Change	ISO	Current Initial	Current Maintenance	New Initial	New Maintenance
Intra Spreads								
Light Sweet Crude Oil (CL, CS, WS, 26) - Consecutive Months 3-4 (CRUDE OIL TRADE AT SETTLEMENT)								
CLT	Spec		Decrease	USD	675	500	540	400
CLT	Hedge/Member		Decrease	USD	500	500	400	400
Light Sweet Crude Oil (CL, CS, WS, 26) - Consecutive Months 3-4 (E-MINI CRUDE OIL FUTURES)								
QM	Spec		Decrease	USD	338	250	270	200
QM	Hedge/Member		Decrease	USD	250	250	200	200
Light Sweet Crude Oil (CL, CS, WS, 26) - Consecutive Months 3-4 (MICRO CRUDE OIL FUTURES)								
MCL	Spec		Decrease	USD	1	1	1	0
MCL	Hedge/Member		Decrease	USD	1	1	0	0
Light Sweet Crude Oil (CL, CS, WS, 26) - Consecutive Months 3-4 (NYMEX CRUDE OIL MACI INDEX TAS)								
XCT	Spec		Decrease	USD	675	500	540	400
XCT	Hedge/Member		Decrease	USD	500	500	400	400
Light Sweet Crude Oil (CL, CS, WS, 26) - Consecutive Months 3-4 (NYMEX CRUDE OIL MACI INDEX)								
XC	Spec		Decrease	USD	135	100	108	80
XC	Hedge/Member		Decrease	USD	100	100	80	80
Light Sweet Crude Oil (CL, CS, WS, 26) - Consecutive Months 3-4 (WTI CALENDAR SWAP)								
CS	Spec		Decrease	USD	675	500	540	400
CS	Hedge/Member		Decrease	USD	500	500	400	400
Light Sweet Crude Oil (CL, CS, WS, 26) - Consecutive Months 3-4 (WTI CRUDE OIL FINANCIAL FUTURES)								
WS	Spec		Decrease	USD	675	500	540	400
WS	Hedge/Member		Decrease	USD	500	500	400	400
Light Sweet Crude Oil (CL, CS, WS, 26) - Consecutive Months 4-5 (CRUDE OIL LAST DAY FINANCIAL FUT)								
26	Spec		Decrease	USD	540	400	203	150
26	Hedge/Member		Decrease	USD	400	400	150	150
Light Sweet Crude Oil (CL, CS, WS, 26) - Consecutive Months 4-5 (CRUDE OIL FUTURE NYMEX)								
CL	Spec		Decrease	USD	540	400	203	150
CL	Hedge/Member		Decrease	USD	400	400	150	150
Light Sweet Crude Oil (CL, CS, WS, 26) - Consecutive Months 4-5 (CRUDE OIL TRADE AT MARKER LONDON)								
CLL	Spec		Decrease	USD	540	400	203	150
CLL	Hedge/Member		Decrease	USD	400	400	150	150
Light Sweet Crude Oil (CL, CS, WS, 26) - Consecutive Months 4-5 (CRUDE OIL TRADE AT MARKER SINGAPORE)								
CLS	Spec		Decrease	USD	540	400	203	150
CLS	Hedge/Member		Decrease	USD	400	400	150	150

SPAN MINIMUM PERFORMANCE BOND REQUIREMENTS

CC	Rate Type	Description	Change	ISO	Current Initial	Current Maintenance	New Initial	New Maintenance
Intra Spreads								
Light Sweet Crude Oil (CL, CS, WS, 26) - Consecutive Months 4-5 (CRUDE OIL TRADE AT SETTLEMENT)								
CLT	Spec		Decrease	USD	540	400	203	150
CLT	Hedge/Member		Decrease	USD	400	400	150	150
Light Sweet Crude Oil (CL, CS, WS, 26) - Consecutive Months 4-5 (E-MINI CRUDE OIL FUTURES)								
QM	Spec		Decrease	USD	270	200	101	75
QM	Hedge/Member		Decrease	USD	200	200	75	75
Light Sweet Crude Oil (CL, CS, WS, 26) - Consecutive Months 4-5 (MICRO CRUDE OIL FUTURES)								
MCL	Spec		Decrease	USD	1	0	0	0
MCL	Hedge/Member		Decrease	USD	0	0	0	0
Light Sweet Crude Oil (CL, CS, WS, 26) - Consecutive Months 4-5 (NYMEX CRUDE OIL MACI INDEX TAS)								
XCT	Spec		Decrease	USD	540	400	203	150
XCT	Hedge/Member		Decrease	USD	400	400	150	150
Light Sweet Crude Oil (CL, CS, WS, 26) - Consecutive Months 4-5 (NYMEX CRUDE OIL MACI INDEX)								
XC	Spec		Decrease	USD	108	80	41	30
XC	Hedge/Member		Decrease	USD	80	80	30	30
Light Sweet Crude Oil (CL, CS, WS, 26) - Consecutive Months 4-5 (WTI CALENDAR SWAP)								
CS	Spec		Decrease	USD	540	400	203	150
CS	Hedge/Member		Decrease	USD	400	400	150	150
Light Sweet Crude Oil (CL, CS, WS, 26) - Consecutive Months 4-5 (WTI CRUDE OIL FINANCIAL FUTURES)								
WS	Spec		Decrease	USD	540	400	203	150
WS	Hedge/Member		Decrease	USD	400	400	150	150
Light Sweet Crude Oil (CL, CS, WS, 26) - Consecutive Months 5-6 (CRUDE OIL LAST DAY FINANCIAL FUT)								
26	Spec		Decrease	USD	405	300	338	250
26	Hedge/Member		Decrease	USD	300	300	250	250
Light Sweet Crude Oil (CL, CS, WS, 26) - Consecutive Months 5-6 (CRUDE OIL FUTURE NYMEX)								
CL	Spec		Decrease	USD	405	300	338	250
CL	Hedge/Member		Decrease	USD	300	300	250	250
Light Sweet Crude Oil (CL, CS, WS, 26) - Consecutive Months 5-6 (CRUDE OIL TRADE AT MARKER LONDON)								
CLL	Spec		Decrease	USD	405	300	338	250
CLL	Hedge/Member		Decrease	USD	300	300	250	250
Light Sweet Crude Oil (CL, CS, WS, 26) - Consecutive Months 5-6 (CRUDE OIL TRADE AT MARKER SINGAPORE)								
CLS	Spec		Decrease	USD	405	300	338	250
CLS	Hedge/Member		Decrease	USD	300	300	250	250

SPAN MINIMUM PERFORMANCE BOND REQUIREMENTS

CC	Rate Type	Description	Change	ISO	Current Initial	Current Maintenance	New Initial	New Maintenance
Intra Spreads								
Light Sweet Crude Oil (CL, CS, WS, 26) - Consecutive Months 5-6 (CRUDE OIL TRADE AT SETTLEMENT)								
CLT	Spec		Decrease	USD	405	300	338	250
CLT	Hedge/Member		Decrease	USD	300	300	250	250
Light Sweet Crude Oil (CL, CS, WS, 26) - Consecutive Months 5-6 (E-MINI CRUDE OIL FUTURES)								
QM	Spec		Decrease	USD	203	150	169	125
QM	Hedge/Member		Decrease	USD	150	150	125	125
Light Sweet Crude Oil (CL, CS, WS, 26) - Consecutive Months 5-6 (MICRO CRUDE OIL FUTURES)								
MCL	Spec		Decrease	USD	0	0	0	0
MCL	Hedge/Member		Decrease	USD	0	0	0	0
Light Sweet Crude Oil (CL, CS, WS, 26) - Consecutive Months 5-6 (NYMEX CRUDE OIL MACI INDEX TAS)								
XCT	Spec		Decrease	USD	405	300	338	250
XCT	Hedge/Member		Decrease	USD	300	300	250	250
Light Sweet Crude Oil (CL, CS, WS, 26) - Consecutive Months 5-6 (NYMEX CRUDE OIL MACI INDEX)								
XC	Spec		Decrease	USD	81	60	68	50
XC	Hedge/Member		Decrease	USD	60	60	50	50
Light Sweet Crude Oil (CL, CS, WS, 26) - Consecutive Months 5-6 (WTI CALENDAR SWAP)								
CS	Spec		Decrease	USD	405	300	338	250
CS	Hedge/Member		Decrease	USD	300	300	250	250
Light Sweet Crude Oil (CL, CS, WS, 26) - Consecutive Months 5-6 (WTI CRUDE OIL FINANCIAL FUTURES)								
WS	Spec		Decrease	USD	405	300	338	250
WS	Hedge/Member		Decrease	USD	300	300	250	250
Light Sweet Crude Oil (CL, CS, WS, 26) - Consecutive Months 6-7 (CRUDE OIL LAST DAY FINANCIAL FUT)								
26	Spec		Decrease	USD	405	300	338	250
26	Hedge/Member		Decrease	USD	300	300	250	250
Light Sweet Crude Oil (CL, CS, WS, 26) - Consecutive Months 6-7 (CRUDE OIL FUTURE NYMEX)								
CL	Spec		Decrease	USD	405	300	338	250
CL	Hedge/Member		Decrease	USD	300	300	250	250
Light Sweet Crude Oil (CL, CS, WS, 26) - Consecutive Months 6-7 (CRUDE OIL TRADE AT MARKER LONDON)								
CLL	Spec		Decrease	USD	405	300	338	250
CLL	Hedge/Member		Decrease	USD	300	300	250	250
Light Sweet Crude Oil (CL, CS, WS, 26) - Consecutive Months 6-7 (CRUDE OIL TRADE AT MARKER SINGAPORE)								
CLS	Spec		Decrease	USD	405	300	338	250
CLS	Hedge/Member		Decrease	USD	300	300	250	250

SPAN MINIMUM PERFORMANCE BOND REQUIREMENTS

CC	Rate Type	Description	Change	ISO	Current Initial	Current Maintenance	New Initial	New Maintenance
Intra Spreads								
Light Sweet Crude Oil (CL, CS, WS, 26) - Consecutive Months 6-7 (CRUDE OIL TRADE AT SETTLEMENT)								
CLT	Spec		Decrease	USD	405	300	338	250
CLT	Hedge/Member		Decrease	USD	300	300	250	250
Light Sweet Crude Oil (CL, CS, WS, 26) - Consecutive Months 6-7 (E-MINI CRUDE OIL FUTURES)								
QM	Spec		Decrease	USD	203	150	169	125
QM	Hedge/Member		Decrease	USD	150	150	125	125
Light Sweet Crude Oil (CL, CS, WS, 26) - Consecutive Months 6-7 (MICRO CRUDE OIL FUTURES)								
MCL	Spec		Decrease	USD	0	0	0	0
MCL	Hedge/Member		Decrease	USD	0	0	0	0
Light Sweet Crude Oil (CL, CS, WS, 26) - Consecutive Months 6-7 (NYMEX CRUDE OIL MACI INDEX TAS)								
XCT	Spec		Decrease	USD	405	300	338	250
XCT	Hedge/Member		Decrease	USD	300	300	250	250
Light Sweet Crude Oil (CL, CS, WS, 26) - Consecutive Months 6-7 (NYMEX CRUDE OIL MACI INDEX)								
XC	Spec		Decrease	USD	81	60	68	50
XC	Hedge/Member		Decrease	USD	60	60	50	50
Light Sweet Crude Oil (CL, CS, WS, 26) - Consecutive Months 6-7 (WTI CALENDAR SWAP)								
CS	Spec		Decrease	USD	405	300	338	250
CS	Hedge/Member		Decrease	USD	300	300	250	250
Light Sweet Crude Oil (CL, CS, WS, 26) - Consecutive Months 6-7 (WTI CRUDE OIL FINANCIAL FUTURES)								
WS	Spec		Decrease	USD	405	300	338	250
WS	Hedge/Member		Decrease	USD	300	300	250	250
Light Sweet Crude Oil (CL, CS, WS, 26) - Consecutive Months 7-8 and on (CRUDE OIL LAST DAY FINANCIAL FUT)								
26	Spec		Decrease	USD	405	300	338	250
26	Hedge/Member		Decrease	USD	300	300	250	250
Light Sweet Crude Oil (CL, CS, WS, 26) - Consecutive Months 7-8 and on (CRUDE OIL FUTURE NYMEX)								
CL	Spec		Decrease	USD	405	300	338	250
CL	Hedge/Member		Decrease	USD	300	300	250	250
Light Sweet Crude Oil (CL, CS, WS, 26) - Consecutive Months 7-8 and on (CRUDE OIL TRADE AT MARKER LONDON)								
CLL	Spec		Decrease	USD	405	300	338	250
CLL	Hedge/Member		Decrease	USD	300	300	250	250
Light Sweet Crude Oil (CL, CS, WS, 26) - Consecutive Months 7-8 and on (CRUDE OIL TRADE AT MARKER SINGAPORE)								
CLS	Spec		Decrease	USD	405	300	338	250
CLS	Hedge/Member		Decrease	USD	300	300	250	250

SPAN MINIMUM PERFORMANCE BOND REQUIREMENTS

CC	Rate Type	Description	Change	ISO	Current Initial	Current Maintenance	New Initial	New Maintenance
Intra Spreads								
Light Sweet Crude Oil (CL, CS, WS, 26) - Consecutive Months 7-8 and on (CRUDE OIL TRADE AT SETTLEMENT)								
CLT	Spec		Decrease	USD	405	300	338	250
CLT	Hedge/Member		Decrease	USD	300	300	250	250
Light Sweet Crude Oil (CL, CS, WS, 26) - Consecutive Months 7-8 and on (E-MINI CRUDE OIL FUTURES)								
QM	Spec		Decrease	USD	203	150	169	125
QM	Hedge/Member		Decrease	USD	150	150	125	125
Light Sweet Crude Oil (CL, CS, WS, 26) - Consecutive Months 7-8 and on (MICRO CRUDE OIL FUTURES)								
MCL	Spec		Decrease	USD	0	0	0	0
MCL	Hedge/Member		Decrease	USD	0	0	0	0
Light Sweet Crude Oil (CL, CS, WS, 26) - Consecutive Months 7-8 and on (NYMEX CRUDE OIL MACI INDEX TAS)								
XCT	Spec		Decrease	USD	405	300	338	250
XCT	Hedge/Member		Decrease	USD	300	300	250	250
Light Sweet Crude Oil (CL, CS, WS, 26) - Consecutive Months 7-8 and on (NYMEX CRUDE OIL MACI INDEX)								
XC	Spec		Decrease	USD	81	60	68	50
XC	Hedge/Member		Decrease	USD	60	60	50	50
Light Sweet Crude Oil (CL, CS, WS, 26) - Consecutive Months 7-8 and on (WTI CALENDAR SWAP)								
CS	Spec		Decrease	USD	405	300	338	250
CS	Hedge/Member		Decrease	USD	300	300	250	250
Light Sweet Crude Oil (CL, CS, WS, 26) - Consecutive Months 7-8 and on (WTI CRUDE OIL FINANCIAL FUTURES)								
WS	Spec		Decrease	USD	405	300	338	250
WS	Hedge/Member		Decrease	USD	300	300	250	250
Light Sweet Crude Oil (CL, CS, WS, 26) - Tier 1 vs. Tier 2 (CRUDE OIL LAST DAY FINANCIAL FUT)								
26	Spec		Decrease	USD	1,553	1,150	338	250
26	Hedge/Member		Decrease	USD	1,150	1,150	250	250
Light Sweet Crude Oil (CL, CS, WS, 26) - Tier 1 vs. Tier 2 (CRUDE OIL FUTURE NYMEX)								
CL	Spec		Decrease	USD	1,553	1,150	338	250
CL	Hedge/Member		Decrease	USD	1,150	1,150	250	250
Light Sweet Crude Oil (CL, CS, WS, 26) - Tier 1 vs. Tier 2 (CRUDE OIL TRADE AT MARKER LONDON)								
CLL	Spec		Decrease	USD	1,553	1,150	338	250
CLL	Hedge/Member		Decrease	USD	1,150	1,150	250	250
Light Sweet Crude Oil (CL, CS, WS, 26) - Tier 1 vs. Tier 2 (CRUDE OIL TRADE AT MARKER SINGAPORE)								
CLS	Spec		Decrease	USD	1,553	1,150	338	250
CLS	Hedge/Member		Decrease	USD	1,150	1,150	250	250

SPAN MINIMUM PERFORMANCE BOND REQUIREMENTS

CC	Rate Type	Description	Change	ISO	Current Initial	Current Maintenance	New Initial	New Maintenance
Intra Spreads								
Light Sweet Crude Oil (CL, CS, WS, 26) - Tier 1 vs. Tier 2 (CRUDE OIL TRADE AT SETTLEMENT)								
CLT	Spec		Decrease	USD	1,553	1,150	338	250
CLT	Hedge/Member		Decrease	USD	1,150	1,150	250	250
Light Sweet Crude Oil (CL, CS, WS, 26) - Tier 1 vs. Tier 2 (E-MINI CRUDE OIL FUTURES)								
QM	Spec		Decrease	USD	776	575	169	125
QM	Hedge/Member		Decrease	USD	575	575	125	125
Light Sweet Crude Oil (CL, CS, WS, 26) - Tier 1 vs. Tier 2 (MICRO CRUDE OIL FUTURES)								
MCL	Spec		Decrease	USD	2	1	0	0
MCL	Hedge/Member		Decrease	USD	1	1	0	0
Light Sweet Crude Oil (CL, CS, WS, 26) - Tier 1 vs. Tier 2 (NYMEX CRUDE OIL MACI INDEX TAS)								
XCT	Spec		Decrease	USD	1,553	1,150	338	250
XCT	Hedge/Member		Decrease	USD	1,150	1,150	250	250
Light Sweet Crude Oil (CL, CS, WS, 26) - Tier 1 vs. Tier 2 (NYMEX CRUDE OIL MACI INDEX)								
XC	Spec		Decrease	USD	311	230	68	50
XC	Hedge/Member		Decrease	USD	230	230	50	50
Light Sweet Crude Oil (CL, CS, WS, 26) - Tier 1 vs. Tier 2 (WTI CALENDAR SWAP)								
CS	Spec		Decrease	USD	1,553	1,150	338	250
CS	Hedge/Member		Decrease	USD	1,150	1,150	250	250
Light Sweet Crude Oil (CL, CS, WS, 26) - Tier 1 vs. Tier 2 (WTI CRUDE OIL FINANCIAL FUTURES)								
WS	Spec		Decrease	USD	1,553	1,150	338	250
WS	Hedge/Member		Decrease	USD	1,150	1,150	250	250
Light Sweet Crude Oil (CL, CS, WS, 26) - Tier 1 vs. Tier 3 (CRUDE OIL LAST DAY FINANCIAL FUT)								
26	Spec		Decrease	USD	1,350	1,000	675	500
26	Hedge/Member		Decrease	USD	1,000	1,000	500	500
Light Sweet Crude Oil (CL, CS, WS, 26) - Tier 1 vs. Tier 3 (CRUDE OIL FUTURE NYMEX)								
CL	Spec		Decrease	USD	1,350	1,000	675	500
CL	Hedge/Member		Decrease	USD	1,000	1,000	500	500
Light Sweet Crude Oil (CL, CS, WS, 26) - Tier 1 vs. Tier 3 (CRUDE OIL TRADE AT MARKER LONDON)								
CLL	Spec		Decrease	USD	1,350	1,000	675	500
CLL	Hedge/Member		Decrease	USD	1,000	1,000	500	500
Light Sweet Crude Oil (CL, CS, WS, 26) - Tier 1 vs. Tier 3 (CRUDE OIL TRADE AT MARKER SINGAPORE)								
CLS	Spec		Decrease	USD	1,350	1,000	675	500
CLS	Hedge/Member		Decrease	USD	1,000	1,000	500	500

SPAN MINIMUM PERFORMANCE BOND REQUIREMENTS

CC	Rate Type	Description	Change	ISO	Current Initial	Current Maintenance	New Initial	New Maintenance
Intra Spreads								
Light Sweet Crude Oil (CL, CS, WS, 26) - Tier 1 vs. Tier 3 (CRUDE OIL TRADE AT SETTLEMENT)								
CLT	Spec		Decrease	USD	1,350	1,000	675	500
CLT	Hedge/Member		Decrease	USD	1,000	1,000	500	500
Light Sweet Crude Oil (CL, CS, WS, 26) - Tier 1 vs. Tier 3 (E-MINI CRUDE OIL FUTURES)								
QM	Spec		Decrease	USD	675	500	338	250
QM	Hedge/Member		Decrease	USD	500	500	250	250
Light Sweet Crude Oil (CL, CS, WS, 26) - Tier 1 vs. Tier 3 (MICRO CRUDE OIL FUTURES)								
MCL	Spec		Decrease	USD	1	1	1	1
MCL	Hedge/Member		Decrease	USD	1	1	1	1
Light Sweet Crude Oil (CL, CS, WS, 26) - Tier 1 vs. Tier 3 (NYMEX CRUDE OIL MACI INDEX TAS)								
XCT	Spec		Decrease	USD	1,350	1,000	675	500
XCT	Hedge/Member		Decrease	USD	1,000	1,000	500	500
Light Sweet Crude Oil (CL, CS, WS, 26) - Tier 1 vs. Tier 3 (NYMEX CRUDE OIL MACI INDEX)								
XC	Spec		Decrease	USD	270	200	135	100
XC	Hedge/Member		Decrease	USD	200	200	100	100
Light Sweet Crude Oil (CL, CS, WS, 26) - Tier 1 vs. Tier 3 (WTI CALENDAR SWAP)								
CS	Spec		Decrease	USD	1,350	1,000	675	500
CS	Hedge/Member		Decrease	USD	1,000	1,000	500	500
Light Sweet Crude Oil (CL, CS, WS, 26) - Tier 1 vs. Tier 3 (WTI CRUDE OIL FINANCIAL FUTURES)								
WS	Spec		Decrease	USD	1,350	1,000	675	500
WS	Hedge/Member		Decrease	USD	1,000	1,000	500	500
Light Sweet Crude Oil (CL, CS, WS, 26) - Tier 1 vs. Tier 4 (CRUDE OIL LAST DAY FINANCIAL FUT)								
26	Spec		Decrease	USD	1,620	1,200	675	500
26	Hedge/Member		Decrease	USD	1,200	1,200	500	500
Light Sweet Crude Oil (CL, CS, WS, 26) - Tier 1 vs. Tier 4 (CRUDE OIL FUTURE NYMEX)								
CL	Spec		Decrease	USD	1,620	1,200	675	500
CL	Hedge/Member		Decrease	USD	1,200	1,200	500	500
Light Sweet Crude Oil (CL, CS, WS, 26) - Tier 1 vs. Tier 4 (CRUDE OIL TRADE AT MARKER LONDON)								
CLL	Spec		Decrease	USD	1,620	1,200	675	500
CLL	Hedge/Member		Decrease	USD	1,200	1,200	500	500
Light Sweet Crude Oil (CL, CS, WS, 26) - Tier 1 vs. Tier 4 (CRUDE OIL TRADE AT MARKER SINGAPORE)								
CLS	Spec		Decrease	USD	1,620	1,200	675	500
CLS	Hedge/Member		Decrease	USD	1,200	1,200	500	500

SPAN MINIMUM PERFORMANCE BOND REQUIREMENTS

CC	Rate Type	Description	Change	ISO	Current Initial	Current Maintenance	New Initial	New Maintenance
Intra Spreads								
Light Sweet Crude Oil (CL, CS, WS, 26) - Tier 1 vs. Tier 4 (CRUDE OIL TRADE AT SETTLEMENT)								
CLT	Spec		Decrease	USD	1,620	1,200	675	500
CLT	Hedge/Member		Decrease	USD	1,200	1,200	500	500
Light Sweet Crude Oil (CL, CS, WS, 26) - Tier 1 vs. Tier 4 (E-MINI CRUDE OIL FUTURES)								
QM	Spec		Decrease	USD	810	600	338	250
QM	Hedge/Member		Decrease	USD	600	600	250	250
Light Sweet Crude Oil (CL, CS, WS, 26) - Tier 1 vs. Tier 4 (MICRO CRUDE OIL FUTURES)								
MCL	Spec		Decrease	USD	2	1	1	1
MCL	Hedge/Member		Decrease	USD	1	1	1	1
Light Sweet Crude Oil (CL, CS, WS, 26) - Tier 1 vs. Tier 4 (NYMEX CRUDE OIL MACI INDEX TAS)								
XCT	Spec		Decrease	USD	1,620	1,200	675	500
XCT	Hedge/Member		Decrease	USD	1,200	1,200	500	500
Light Sweet Crude Oil (CL, CS, WS, 26) - Tier 1 vs. Tier 4 (NYMEX CRUDE OIL MACI INDEX)								
XC	Spec		Decrease	USD	324	240	135	100
XC	Hedge/Member		Decrease	USD	240	240	100	100
Light Sweet Crude Oil (CL, CS, WS, 26) - Tier 1 vs. Tier 4 (WTI CALENDAR SWAP)								
CS	Spec		Decrease	USD	1,620	1,200	675	500
CS	Hedge/Member		Decrease	USD	1,200	1,200	500	500
Light Sweet Crude Oil (CL, CS, WS, 26) - Tier 1 vs. Tier 4 (WTI CRUDE OIL FINANCIAL FUTURES)								
WS	Spec		Decrease	USD	1,620	1,200	675	500
WS	Hedge/Member		Decrease	USD	1,200	1,200	500	500
Light Sweet Crude Oil (CL, CS, WS, 26) - Tier 1 vs. Tier 5 (CRUDE OIL LAST DAY FINANCIAL FUT)								
26	Spec		Decrease	USD	2,363	1,750	1,013	750
26	Hedge/Member		Decrease	USD	1,750	1,750	750	750
Light Sweet Crude Oil (CL, CS, WS, 26) - Tier 1 vs. Tier 5 (CRUDE OIL FUTURE NYMEX)								
CL	Spec		Decrease	USD	2,363	1,750	1,013	750
CL	Hedge/Member		Decrease	USD	1,750	1,750	750	750
Light Sweet Crude Oil (CL, CS, WS, 26) - Tier 1 vs. Tier 5 (CRUDE OIL TRADE AT MARKER LONDON)								
CLL	Spec		Decrease	USD	2,363	1,750	1,013	750
CLL	Hedge/Member		Decrease	USD	1,750	1,750	750	750
Light Sweet Crude Oil (CL, CS, WS, 26) - Tier 1 vs. Tier 5 (CRUDE OIL TRADE AT MARKER SINGAPORE)								
CLS	Spec		Decrease	USD	2,363	1,750	1,013	750
CLS	Hedge/Member		Decrease	USD	1,750	1,750	750	750

SPAN MINIMUM PERFORMANCE BOND REQUIREMENTS

CC	Rate Type	Description	Change	ISO	Current Initial	Current Maintenance	New Initial	New Maintenance
Intra Spreads								
Light Sweet Crude Oil (CL, CS, WS, 26) - Tier 1 vs. Tier 5 (CRUDE OIL TRADE AT SETTLEMENT)								
CLT	Spec		Decrease	USD	2,363	1,750	1,013	750
CLT	Hedge/Member		Decrease	USD	1,750	1,750	750	750
Light Sweet Crude Oil (CL, CS, WS, 26) - Tier 1 vs. Tier 5 (E-MINI CRUDE OIL FUTURES)								
QM	Spec		Decrease	USD	1,181	875	506	375
QM	Hedge/Member		Decrease	USD	875	875	375	375
Light Sweet Crude Oil (CL, CS, WS, 26) - Tier 1 vs. Tier 5 (MICRO CRUDE OIL FUTURES)								
MCL	Spec		Decrease	USD	2	2	1	1
MCL	Hedge/Member		Decrease	USD	2	2	1	1
Light Sweet Crude Oil (CL, CS, WS, 26) - Tier 1 vs. Tier 5 (NYMEX CRUDE OIL MACI INDEX TAS)								
XCT	Spec		Decrease	USD	2,363	1,750	1,013	750
XCT	Hedge/Member		Decrease	USD	1,750	1,750	750	750
Light Sweet Crude Oil (CL, CS, WS, 26) - Tier 1 vs. Tier 5 (NYMEX CRUDE OIL MACI INDEX)								
XC	Spec		Decrease	USD	473	350	203	150
XC	Hedge/Member		Decrease	USD	350	350	150	150
Light Sweet Crude Oil (CL, CS, WS, 26) - Tier 1 vs. Tier 5 (WTI CALENDAR SWAP)								
CS	Spec		Decrease	USD	2,363	1,750	1,013	750
CS	Hedge/Member		Decrease	USD	1,750	1,750	750	750
Light Sweet Crude Oil (CL, CS, WS, 26) - Tier 1 vs. Tier 5 (WTI CRUDE OIL FINANCIAL FUTURES)								
WS	Spec		Decrease	USD	2,363	1,750	1,013	750
WS	Hedge/Member		Decrease	USD	1,750	1,750	750	750
Light Sweet Crude Oil (CL, CS, WS, 26) - Tier 1 vs. Tier 6 (CRUDE OIL LAST DAY FINANCIAL FUT)								
26	Spec		Decrease	USD	3,038	2,250	1,688	1,250
26	Hedge/Member		Decrease	USD	2,250	2,250	1,250	1,250
Light Sweet Crude Oil (CL, CS, WS, 26) - Tier 1 vs. Tier 6 (CRUDE OIL FUTURE NYMEX)								
CL	Spec		Decrease	USD	3,038	2,250	1,688	1,250
CL	Hedge/Member		Decrease	USD	2,250	2,250	1,250	1,250
Light Sweet Crude Oil (CL, CS, WS, 26) - Tier 1 vs. Tier 6 (CRUDE OIL TRADE AT MARKER LONDON)								
CLL	Spec		Decrease	USD	3,038	2,250	1,688	1,250
CLL	Hedge/Member		Decrease	USD	2,250	2,250	1,250	1,250
Light Sweet Crude Oil (CL, CS, WS, 26) - Tier 1 vs. Tier 6 (CRUDE OIL TRADE AT MARKER SINGAPORE)								
CLS	Spec		Decrease	USD	3,038	2,250	1,688	1,250
CLS	Hedge/Member		Decrease	USD	2,250	2,250	1,250	1,250

SPAN MINIMUM PERFORMANCE BOND REQUIREMENTS

CC	Rate Type	Description	Change	ISO	Current Initial	Current Maintenance	New Initial	New Maintenance
Intra Spreads								
Light Sweet Crude Oil (CL, CS, WS, 26) - Tier 1 vs. Tier 6 (CRUDE OIL TRADE AT SETTLEMENT)								
CLT	Spec		Decrease	USD	3,038	2,250	1,688	1,250
CLT	Hedge/Member		Decrease	USD	2,250	2,250	1,250	1,250
Light Sweet Crude Oil (CL, CS, WS, 26) - Tier 1 vs. Tier 6 (E-MINI CRUDE OIL FUTURES)								
QM	Spec		Decrease	USD	1,519	1,125	844	625
QM	Hedge/Member		Decrease	USD	1,125	1,125	625	625
Light Sweet Crude Oil (CL, CS, WS, 26) - Tier 1 vs. Tier 6 (MICRO CRUDE OIL FUTURES)								
MCL	Spec		Decrease	USD	3	2	2	1
MCL	Hedge/Member		Decrease	USD	2	2	1	1
Light Sweet Crude Oil (CL, CS, WS, 26) - Tier 1 vs. Tier 6 (NYMEX CRUDE OIL MACI INDEX TAS)								
XCT	Spec		Decrease	USD	3,038	2,250	1,688	1,250
XCT	Hedge/Member		Decrease	USD	2,250	2,250	1,250	1,250
Light Sweet Crude Oil (CL, CS, WS, 26) - Tier 1 vs. Tier 6 (NYMEX CRUDE OIL MACI INDEX)								
XC	Spec		Decrease	USD	608	450	338	250
XC	Hedge/Member		Decrease	USD	450	450	250	250
Light Sweet Crude Oil (CL, CS, WS, 26) - Tier 1 vs. Tier 6 (WTI CALENDAR SWAP)								
CS	Spec		Decrease	USD	3,038	2,250	1,688	1,250
CS	Hedge/Member		Decrease	USD	2,250	2,250	1,250	1,250
Light Sweet Crude Oil (CL, CS, WS, 26) - Tier 1 vs. Tier 6 (WTI CRUDE OIL FINANCIAL FUTURES)								
WS	Spec		Decrease	USD	3,038	2,250	1,688	1,250
WS	Hedge/Member		Decrease	USD	2,250	2,250	1,250	1,250
Light Sweet Crude Oil (CL, CS, WS, 26) - Tier 1 vs. Tier 7 (CRUDE OIL LAST DAY FINANCIAL FUT)								
26	Spec		Decrease	USD	3,443	2,550	2,700	2,000
26	Hedge/Member		Decrease	USD	2,550	2,550	2,000	2,000
Light Sweet Crude Oil (CL, CS, WS, 26) - Tier 1 vs. Tier 7 (CRUDE OIL FUTURE NYMEX)								
CL	Spec		Decrease	USD	3,443	2,550	2,700	2,000
CL	Hedge/Member		Decrease	USD	2,550	2,550	2,000	2,000
Light Sweet Crude Oil (CL, CS, WS, 26) - Tier 1 vs. Tier 7 (CRUDE OIL TRADE AT MARKER LONDON)								
CLL	Spec		Decrease	USD	3,443	2,550	2,700	2,000
CLL	Hedge/Member		Decrease	USD	2,550	2,550	2,000	2,000
Light Sweet Crude Oil (CL, CS, WS, 26) - Tier 1 vs. Tier 7 (CRUDE OIL TRADE AT MARKER SINGAPORE)								
CLS	Spec		Decrease	USD	3,443	2,550	2,700	2,000
CLS	Hedge/Member		Decrease	USD	2,550	2,550	2,000	2,000

SPAN MINIMUM PERFORMANCE BOND REQUIREMENTS

CC	Rate Type	Description	Change	ISO	Current Initial	Current Maintenance	New Initial	New Maintenance
Intra Spreads								
Light Sweet Crude Oil (CL, CS, WS, 26) - Tier 1 vs. Tier 7 (CRUDE OIL TRADE AT SETTLEMENT)								
CLT	Spec		Decrease	USD	3,443	2,550	2,700	2,000
CLT	Hedge/Member		Decrease	USD	2,550	2,550	2,000	2,000
Light Sweet Crude Oil (CL, CS, WS, 26) - Tier 1 vs. Tier 7 (E-MINI CRUDE OIL FUTURES)								
QM	Spec		Decrease	USD	1,721	1,275	1,350	1,000
QM	Hedge/Member		Decrease	USD	1,275	1,275	1,000	1,000
Light Sweet Crude Oil (CL, CS, WS, 26) - Tier 1 vs. Tier 7 (MICRO CRUDE OIL FUTURES)								
MCL	Spec		Decrease	USD	3	3	3	2
MCL	Hedge/Member		Decrease	USD	3	3	2	2
Light Sweet Crude Oil (CL, CS, WS, 26) - Tier 1 vs. Tier 7 (NYMEX CRUDE OIL MACI INDEX TAS)								
XCT	Spec		Decrease	USD	3,443	2,550	2,700	2,000
XCT	Hedge/Member		Decrease	USD	2,550	2,550	2,000	2,000
Light Sweet Crude Oil (CL, CS, WS, 26) - Tier 1 vs. Tier 7 (NYMEX CRUDE OIL MACI INDEX)								
XC	Spec		Decrease	USD	689	510	540	400
XC	Hedge/Member		Decrease	USD	510	510	400	400
Light Sweet Crude Oil (CL, CS, WS, 26) - Tier 1 vs. Tier 7 (WTI CALENDAR SWAP)								
CS	Spec		Decrease	USD	3,443	2,550	2,700	2,000
CS	Hedge/Member		Decrease	USD	2,550	2,550	2,000	2,000
Light Sweet Crude Oil (CL, CS, WS, 26) - Tier 1 vs. Tier 7 (WTI CRUDE OIL FINANCIAL FUTURES)								
WS	Spec		Decrease	USD	3,443	2,550	2,700	2,000
WS	Hedge/Member		Decrease	USD	2,550	2,550	2,000	2,000
Light Sweet Crude Oil (CL, CS, WS, 26) - Tier 2 vs. Tier 2 (CRUDE OIL LAST DAY FINANCIAL FUT)								
26	Spec		Decrease	USD	1,519	1,125	675	500
26	Hedge/Member		Decrease	USD	1,125	1,125	500	500
Light Sweet Crude Oil (CL, CS, WS, 26) - Tier 2 vs. Tier 2 (CRUDE OIL FUTURE NYMEX)								
CL	Spec		Decrease	USD	1,519	1,125	675	500
CL	Hedge/Member		Decrease	USD	1,125	1,125	500	500
Light Sweet Crude Oil (CL, CS, WS, 26) - Tier 2 vs. Tier 2 (CRUDE OIL TRADE AT MARKER LONDON)								
CLL	Spec		Decrease	USD	1,519	1,125	675	500
CLL	Hedge/Member		Decrease	USD	1,125	1,125	500	500
Light Sweet Crude Oil (CL, CS, WS, 26) - Tier 2 vs. Tier 2 (CRUDE OIL TRADE AT MARKER SINGAPORE)								
CLS	Spec		Decrease	USD	1,519	1,125	675	500
CLS	Hedge/Member		Decrease	USD	1,125	1,125	500	500

SPAN MINIMUM PERFORMANCE BOND REQUIREMENTS

CC	Rate Type	Description	Change	ISO	Current Initial	Current Maintenance	New Initial	New Maintenance
Intra Spreads								
Light Sweet Crude Oil (CL, CS, WS, 26) - Tier 2 vs. Tier 2 (CRUDE OIL TRADE AT SETTLEMENT)								
CLT	Spec		Decrease	USD	1,519	1,125	675	500
CLT	Hedge/Member		Decrease	USD	1,125	1,125	500	500
Light Sweet Crude Oil (CL, CS, WS, 26) - Tier 2 vs. Tier 2 (E-MINI CRUDE OIL FUTURES)								
QM	Spec		Decrease	USD	759	563	338	250
QM	Hedge/Member		Decrease	USD	563	563	250	250
Light Sweet Crude Oil (CL, CS, WS, 26) - Tier 2 vs. Tier 2 (MICRO CRUDE OIL FUTURES)								
MCL	Spec		Decrease	USD	2	1	1	1
MCL	Hedge/Member		Decrease	USD	1	1	1	1
Light Sweet Crude Oil (CL, CS, WS, 26) - Tier 2 vs. Tier 2 (NYMEX CRUDE OIL MACI INDEX TAS)								
XCT	Spec		Decrease	USD	1,519	1,125	675	500
XCT	Hedge/Member		Decrease	USD	1,125	1,125	500	500
Light Sweet Crude Oil (CL, CS, WS, 26) - Tier 2 vs. Tier 2 (NYMEX CRUDE OIL MACI INDEX)								
XC	Spec		Decrease	USD	304	225	135	100
XC	Hedge/Member		Decrease	USD	225	225	100	100
Light Sweet Crude Oil (CL, CS, WS, 26) - Tier 2 vs. Tier 2 (WTI CALENDAR SWAP)								
CS	Spec		Decrease	USD	1,519	1,125	675	500
CS	Hedge/Member		Decrease	USD	1,125	1,125	500	500
Light Sweet Crude Oil (CL, CS, WS, 26) - Tier 2 vs. Tier 2 (WTI CRUDE OIL FINANCIAL FUTURES)								
WS	Spec		Decrease	USD	1,519	1,125	675	500
WS	Hedge/Member		Decrease	USD	1,125	1,125	500	500
Light Sweet Crude Oil (CL, CS, WS, 26) - Tier 2 vs. Tier 3 (CRUDE OIL LAST DAY FINANCIAL FUT)								
26	Spec		Decrease	USD	1,013	750	675	500
26	Hedge/Member		Decrease	USD	750	750	500	500
Light Sweet Crude Oil (CL, CS, WS, 26) - Tier 2 vs. Tier 3 (CRUDE OIL FUTURE NYMEX)								
CL	Spec		Decrease	USD	1,013	750	675	500
CL	Hedge/Member		Decrease	USD	750	750	500	500
Light Sweet Crude Oil (CL, CS, WS, 26) - Tier 2 vs. Tier 3 (CRUDE OIL TRADE AT MARKER LONDON)								
CLL	Spec		Decrease	USD	1,013	750	675	500
CLL	Hedge/Member		Decrease	USD	750	750	500	500
Light Sweet Crude Oil (CL, CS, WS, 26) - Tier 2 vs. Tier 3 (CRUDE OIL TRADE AT MARKER SINGAPORE)								
CLS	Spec		Decrease	USD	1,013	750	675	500
CLS	Hedge/Member		Decrease	USD	750	750	500	500

SPAN MINIMUM PERFORMANCE BOND REQUIREMENTS

CC	Rate Type	Description	Change	ISO	Current Initial	Current Maintenance	New Initial	New Maintenance
Intra Spreads								
Light Sweet Crude Oil (CL, CS, WS, 26) - Tier 2 vs. Tier 3 (CRUDE OIL TRADE AT SETTLEMENT)								
CLT	Spec		Decrease	USD	1,013	750	675	500
CLT	Hedge/Member		Decrease	USD	750	750	500	500
Light Sweet Crude Oil (CL, CS, WS, 26) - Tier 2 vs. Tier 3 (E-MINI CRUDE OIL FUTURES)								
QM	Spec		Decrease	USD	506	375	338	250
QM	Hedge/Member		Decrease	USD	375	375	250	250
Light Sweet Crude Oil (CL, CS, WS, 26) - Tier 2 vs. Tier 3 (MICRO CRUDE OIL FUTURES)								
MCL	Spec		Decrease	USD	1	1	1	1
MCL	Hedge/Member		Decrease	USD	1	1	1	1
Light Sweet Crude Oil (CL, CS, WS, 26) - Tier 2 vs. Tier 3 (NYMEX CRUDE OIL MACI INDEX TAS)								
XCT	Spec		Decrease	USD	1,013	750	675	500
XCT	Hedge/Member		Decrease	USD	750	750	500	500
Light Sweet Crude Oil (CL, CS, WS, 26) - Tier 2 vs. Tier 3 (NYMEX CRUDE OIL MACI INDEX)								
XC	Spec		Decrease	USD	203	150	135	100
XC	Hedge/Member		Decrease	USD	150	150	100	100
Light Sweet Crude Oil (CL, CS, WS, 26) - Tier 2 vs. Tier 3 (WTI CALENDAR SWAP)								
CS	Spec		Decrease	USD	1,013	750	675	500
CS	Hedge/Member		Decrease	USD	750	750	500	500
Light Sweet Crude Oil (CL, CS, WS, 26) - Tier 2 vs. Tier 3 (WTI CRUDE OIL FINANCIAL FUTURES)								
WS	Spec		Decrease	USD	1,013	750	675	500
WS	Hedge/Member		Decrease	USD	750	750	500	500
Light Sweet Crude Oil (CL, CS, WS, 26) - Tier 2 vs. Tier 4 (CRUDE OIL LAST DAY FINANCIAL FUT)								
26	Spec		Decrease	USD	1,688	1,250	1,013	750
26	Hedge/Member		Decrease	USD	1,250	1,250	750	750
Light Sweet Crude Oil (CL, CS, WS, 26) - Tier 2 vs. Tier 4 (CRUDE OIL FUTURE NYMEX)								
CL	Spec		Decrease	USD	1,688	1,250	1,013	750
CL	Hedge/Member		Decrease	USD	1,250	1,250	750	750
Light Sweet Crude Oil (CL, CS, WS, 26) - Tier 2 vs. Tier 4 (CRUDE OIL TRADE AT MARKER LONDON)								
CLL	Spec		Decrease	USD	1,688	1,250	1,013	750
CLL	Hedge/Member		Decrease	USD	1,250	1,250	750	750
Light Sweet Crude Oil (CL, CS, WS, 26) - Tier 2 vs. Tier 4 (CRUDE OIL TRADE AT MARKER SINGAPORE)								
CLS	Spec		Decrease	USD	1,688	1,250	1,013	750
CLS	Hedge/Member		Decrease	USD	1,250	1,250	750	750

SPAN MINIMUM PERFORMANCE BOND REQUIREMENTS

CC	Rate Type	Description	Change	ISO	Current Initial	Current Maintenance	New Initial	New Maintenance
Intra Spreads								
Light Sweet Crude Oil (CL, CS, WS, 26) - Tier 2 vs. Tier 4 (CRUDE OIL TRADE AT SETTLEMENT)								
CLT	Spec		Decrease	USD	1,688	1,250	1,013	750
CLT	Hedge/Member		Decrease	USD	1,250	1,250	750	750
Light Sweet Crude Oil (CL, CS, WS, 26) - Tier 2 vs. Tier 4 (E-MINI CRUDE OIL FUTURES)								
QM	Spec		Decrease	USD	844	625	506	375
QM	Hedge/Member		Decrease	USD	625	625	375	375
Light Sweet Crude Oil (CL, CS, WS, 26) - Tier 2 vs. Tier 4 (MICRO CRUDE OIL FUTURES)								
MCL	Spec		Decrease	USD	2	1	1	1
MCL	Hedge/Member		Decrease	USD	1	1	1	1
Light Sweet Crude Oil (CL, CS, WS, 26) - Tier 2 vs. Tier 4 (NYMEX CRUDE OIL MACI INDEX TAS)								
XCT	Spec		Decrease	USD	1,688	1,250	1,013	750
XCT	Hedge/Member		Decrease	USD	1,250	1,250	750	750
Light Sweet Crude Oil (CL, CS, WS, 26) - Tier 2 vs. Tier 4 (NYMEX CRUDE OIL MACI INDEX)								
XC	Spec		Decrease	USD	338	250	203	150
XC	Hedge/Member		Decrease	USD	250	250	150	150
Light Sweet Crude Oil (CL, CS, WS, 26) - Tier 2 vs. Tier 4 (WTI CALENDAR SWAP)								
CS	Spec		Decrease	USD	1,688	1,250	1,013	750
CS	Hedge/Member		Decrease	USD	1,250	1,250	750	750
Light Sweet Crude Oil (CL, CS, WS, 26) - Tier 2 vs. Tier 4 (WTI CRUDE OIL FINANCIAL FUTURES)								
WS	Spec		Decrease	USD	1,688	1,250	1,013	750
WS	Hedge/Member		Decrease	USD	1,250	1,250	750	750
Light Sweet Crude Oil (CL, CS, WS, 26) - Tier 2 vs. Tier 5 (CRUDE OIL LAST DAY FINANCIAL FUT)								
26	Spec		Decrease	USD	2,700	2,000	1,350	1,000
26	Hedge/Member		Decrease	USD	2,000	2,000	1,000	1,000
Light Sweet Crude Oil (CL, CS, WS, 26) - Tier 2 vs. Tier 5 (CRUDE OIL FUTURE NYMEX)								
CL	Spec		Decrease	USD	2,700	2,000	1,350	1,000
CL	Hedge/Member		Decrease	USD	2,000	2,000	1,000	1,000
Light Sweet Crude Oil (CL, CS, WS, 26) - Tier 2 vs. Tier 5 (CRUDE OIL TRADE AT MARKER LONDON)								
CLL	Spec		Decrease	USD	2,700	2,000	1,350	1,000
CLL	Hedge/Member		Decrease	USD	2,000	2,000	1,000	1,000
Light Sweet Crude Oil (CL, CS, WS, 26) - Tier 2 vs. Tier 5 (CRUDE OIL TRADE AT MARKER SINGAPORE)								
CLS	Spec		Decrease	USD	2,700	2,000	1,350	1,000
CLS	Hedge/Member		Decrease	USD	2,000	2,000	1,000	1,000

SPAN MINIMUM PERFORMANCE BOND REQUIREMENTS

CC	Rate Type	Description	Change	ISO	Current Initial	Current Maintenance	New Initial	New Maintenance
Intra Spreads								
Light Sweet Crude Oil (CL, CS, WS, 26) - Tier 2 vs. Tier 5 (CRUDE OIL TRADE AT SETTLEMENT)								
CLT	Spec		Decrease	USD	2,700	2,000	1,350	1,000
CLT	Hedge/Member		Decrease	USD	2,000	2,000	1,000	1,000
Light Sweet Crude Oil (CL, CS, WS, 26) - Tier 2 vs. Tier 5 (E-MINI CRUDE OIL FUTURES)								
QM	Spec		Decrease	USD	1,350	1,000	675	500
QM	Hedge/Member		Decrease	USD	1,000	1,000	500	500
Light Sweet Crude Oil (CL, CS, WS, 26) - Tier 2 vs. Tier 5 (MICRO CRUDE OIL FUTURES)								
MCL	Spec		Decrease	USD	3	2	1	1
MCL	Hedge/Member		Decrease	USD	2	2	1	1
Light Sweet Crude Oil (CL, CS, WS, 26) - Tier 2 vs. Tier 5 (NYMEX CRUDE OIL MACI INDEX TAS)								
XCT	Spec		Decrease	USD	2,700	2,000	1,350	1,000
XCT	Hedge/Member		Decrease	USD	2,000	2,000	1,000	1,000
Light Sweet Crude Oil (CL, CS, WS, 26) - Tier 2 vs. Tier 5 (NYMEX CRUDE OIL MACI INDEX)								
XC	Spec		Decrease	USD	540	400	270	200
XC	Hedge/Member		Decrease	USD	400	400	200	200
Light Sweet Crude Oil (CL, CS, WS, 26) - Tier 2 vs. Tier 5 (WTI CALENDAR SWAP)								
CS	Spec		Decrease	USD	2,700	2,000	1,350	1,000
CS	Hedge/Member		Decrease	USD	2,000	2,000	1,000	1,000
Light Sweet Crude Oil (CL, CS, WS, 26) - Tier 2 vs. Tier 5 (WTI CRUDE OIL FINANCIAL FUTURES)								
WS	Spec		Decrease	USD	2,700	2,000	1,350	1,000
WS	Hedge/Member		Decrease	USD	2,000	2,000	1,000	1,000
Light Sweet Crude Oil (CL, CS, WS, 26) - Tier 2 vs. Tier 6 (CRUDE OIL LAST DAY FINANCIAL FUT)								
26	Spec		Decrease	USD	3,375	2,500	2,025	1,500
26	Hedge/Member		Decrease	USD	2,500	2,500	1,500	1,500
Light Sweet Crude Oil (CL, CS, WS, 26) - Tier 2 vs. Tier 6 (CRUDE OIL FUTURE NYMEX)								
CL	Spec		Decrease	USD	3,375	2,500	2,025	1,500
CL	Hedge/Member		Decrease	USD	2,500	2,500	1,500	1,500
Light Sweet Crude Oil (CL, CS, WS, 26) - Tier 2 vs. Tier 6 (CRUDE OIL TRADE AT MARKER LONDON)								
CLL	Spec		Decrease	USD	3,375	2,500	2,025	1,500
CLL	Hedge/Member		Decrease	USD	2,500	2,500	1,500	1,500
Light Sweet Crude Oil (CL, CS, WS, 26) - Tier 2 vs. Tier 6 (CRUDE OIL TRADE AT MARKER SINGAPORE)								
CLS	Spec		Decrease	USD	3,375	2,500	2,025	1,500
CLS	Hedge/Member		Decrease	USD	2,500	2,500	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								
Light Sweet Crude Oil (CL, CS, WS, 26) - Tier 2 vs. Tier 6 (CRUDE OIL TRADE AT SETTLEMENT)								
CLT	Spec		Decrease	USD	3,375	2,500	2,025	1,500
CLT	Hedge/Member		Decrease	USD	2,500	2,500	1,500	1,500
Light Sweet Crude Oil (CL, CS, WS, 26) - Tier 2 vs. Tier 6 (E-MINI CRUDE OIL FUTURES)								
QM	Spec		Decrease	USD	1,688	1,250	1,013	750
QM	Hedge/Member		Decrease	USD	1,250	1,250	750	750
Light Sweet Crude Oil (CL, CS, WS, 26) - Tier 2 vs. Tier 6 (MICRO CRUDE OIL FUTURES)								
MCL	Spec		Decrease	USD	3	3	2	2
MCL	Hedge/Member		Decrease	USD	3	3	2	2
Light Sweet Crude Oil (CL, CS, WS, 26) - Tier 2 vs. Tier 6 (NYMEX CRUDE OIL MACI INDEX TAS)								
XCT	Spec		Decrease	USD	3,375	2,500	2,025	1,500
XCT	Hedge/Member		Decrease	USD	2,500	2,500	1,500	1,500
Light Sweet Crude Oil (CL, CS, WS, 26) - Tier 2 vs. Tier 6 (NYMEX CRUDE OIL MACI INDEX)								
XC	Spec		Decrease	USD	675	500	405	300
XC	Hedge/Member		Decrease	USD	500	500	300	300
Light Sweet Crude Oil (CL, CS, WS, 26) - Tier 2 vs. Tier 6 (WTI CALENDAR SWAP)								
CS	Spec		Decrease	USD	3,375	2,500	2,025	1,500
CS	Hedge/Member		Decrease	USD	2,500	2,500	1,500	1,500
Light Sweet Crude Oil (CL, CS, WS, 26) - Tier 2 vs. Tier 6 (WTI CRUDE OIL FINANCIAL FUTURES)								
WS	Spec		Decrease	USD	3,375	2,500	2,025	1,500
WS	Hedge/Member		Decrease	USD	2,500	2,500	1,500	1,500
Light Sweet Crude Oil (CL, CS, WS, 26) - Tier 2 vs. Tier 7 (CRUDE OIL LAST DAY FINANCIAL FUT)								
26	Spec		Decrease	USD	3,713	2,750	2,700	2,000
26	Hedge/Member		Decrease	USD	2,750	2,750	2,000	2,000
Light Sweet Crude Oil (CL, CS, WS, 26) - Tier 2 vs. Tier 7 (CRUDE OIL FUTURE NYMEX)								
CL	Spec		Decrease	USD	3,713	2,750	2,700	2,000
CL	Hedge/Member		Decrease	USD	2,750	2,750	2,000	2,000
Light Sweet Crude Oil (CL, CS, WS, 26) - Tier 2 vs. Tier 7 (CRUDE OIL TRADE AT MARKER LONDON)								
CLL	Spec		Decrease	USD	3,713	2,750	2,700	2,000
CLL	Hedge/Member		Decrease	USD	2,750	2,750	2,000	2,000
Light Sweet Crude Oil (CL, CS, WS, 26) - Tier 2 vs. Tier 7 (CRUDE OIL TRADE AT MARKER SINGAPORE)								
CLS	Spec		Decrease	USD	3,713	2,750	2,700	2,000
CLS	Hedge/Member		Decrease	USD	2,750	2,750	2,000	2,000

SPAN MINIMUM PERFORMANCE BOND REQUIREMENTS

CC	Rate Type	Description	Change	ISO	Current Initial	Current Maintenance	New Initial	New Maintenance
Intra Spreads								
Light Sweet Crude Oil (CL, CS, WS, 26) - Tier 2 vs. Tier 7 (CRUDE OIL TRADE AT SETTLEMENT)								
CLT	Spec		Decrease	USD	3,713	2,750	2,700	2,000
CLT	Hedge/Member		Decrease	USD	2,750	2,750	2,000	2,000
Light Sweet Crude Oil (CL, CS, WS, 26) - Tier 2 vs. Tier 7 (E-MINI CRUDE OIL FUTURES)								
QM	Spec		Decrease	USD	1,856	1,375	1,350	1,000
QM	Hedge/Member		Decrease	USD	1,375	1,375	1,000	1,000
Light Sweet Crude Oil (CL, CS, WS, 26) - Tier 2 vs. Tier 7 (MICRO CRUDE OIL FUTURES)								
MCL	Spec		Decrease	USD	4	3	3	2
MCL	Hedge/Member		Decrease	USD	3	3	2	2
Light Sweet Crude Oil (CL, CS, WS, 26) - Tier 2 vs. Tier 7 (NYMEX CRUDE OIL MACI INDEX TAS)								
XCT	Spec		Decrease	USD	3,713	2,750	2,700	2,000
XCT	Hedge/Member		Decrease	USD	2,750	2,750	2,000	2,000
Light Sweet Crude Oil (CL, CS, WS, 26) - Tier 2 vs. Tier 7 (NYMEX CRUDE OIL MACI INDEX)								
XC	Spec		Decrease	USD	743	550	540	400
XC	Hedge/Member		Decrease	USD	550	550	400	400
Light Sweet Crude Oil (CL, CS, WS, 26) - Tier 2 vs. Tier 7 (WTI CALENDAR SWAP)								
CS	Spec		Decrease	USD	3,713	2,750	2,700	2,000
CS	Hedge/Member		Decrease	USD	2,750	2,750	2,000	2,000
Light Sweet Crude Oil (CL, CS, WS, 26) - Tier 2 vs. Tier 7 (WTI CRUDE OIL FINANCIAL FUTURES)								
WS	Spec		Decrease	USD	3,713	2,750	2,700	2,000
WS	Hedge/Member		Decrease	USD	2,750	2,750	2,000	2,000
Light Sweet Crude Oil (CL, CS, WS, 26) - Tier 3 vs. Tier 3 (CRUDE OIL LAST DAY FINANCIAL FUT)								
26	Spec		Decrease	USD	1,013	750	675	500
26	Hedge/Member		Decrease	USD	750	750	500	500
Light Sweet Crude Oil (CL, CS, WS, 26) - Tier 3 vs. Tier 3 (CRUDE OIL FUTURE NYMEX)								
CL	Spec		Decrease	USD	1,013	750	675	500
CL	Hedge/Member		Decrease	USD	750	750	500	500
Light Sweet Crude Oil (CL, CS, WS, 26) - Tier 3 vs. Tier 3 (CRUDE OIL TRADE AT MARKER LONDON)								
CLL	Spec		Decrease	USD	1,013	750	675	500
CLL	Hedge/Member		Decrease	USD	750	750	500	500
Light Sweet Crude Oil (CL, CS, WS, 26) - Tier 3 vs. Tier 3 (CRUDE OIL TRADE AT MARKER SINGAPORE)								
CLS	Spec		Decrease	USD	1,013	750	675	500
CLS	Hedge/Member		Decrease	USD	750	750	500	500

SPAN MINIMUM PERFORMANCE BOND REQUIREMENTS

CC	Rate Type	Description	Change	ISO	Current Initial	Current Maintenance	New Initial	New Maintenance
Intra Spreads								
Light Sweet Crude Oil (CL, CS, WS, 26) - Tier 3 vs. Tier 3 (CRUDE OIL TRADE AT SETTLEMENT)								
CLT	Spec		Decrease	USD	1,013	750	675	500
CLT	Hedge/Member		Decrease	USD	750	750	500	500
Light Sweet Crude Oil (CL, CS, WS, 26) - Tier 3 vs. Tier 3 (E-MINI CRUDE OIL FUTURES)								
QM	Spec		Decrease	USD	506	375	338	250
QM	Hedge/Member		Decrease	USD	375	375	250	250
Light Sweet Crude Oil (CL, CS, WS, 26) - Tier 3 vs. Tier 3 (MICRO CRUDE OIL FUTURES)								
MCL	Spec		Decrease	USD	1	1	1	1
MCL	Hedge/Member		Decrease	USD	1	1	1	1
Light Sweet Crude Oil (CL, CS, WS, 26) - Tier 3 vs. Tier 3 (NYMEX CRUDE OIL MACI INDEX TAS)								
XCT	Spec		Decrease	USD	1,013	750	675	500
XCT	Hedge/Member		Decrease	USD	750	750	500	500
Light Sweet Crude Oil (CL, CS, WS, 26) - Tier 3 vs. Tier 3 (NYMEX CRUDE OIL MACI INDEX)								
XC	Spec		Decrease	USD	203	150	135	100
XC	Hedge/Member		Decrease	USD	150	150	100	100
Light Sweet Crude Oil (CL, CS, WS, 26) - Tier 3 vs. Tier 3 (WTI CALENDAR SWAP)								
CS	Spec		Decrease	USD	1,013	750	675	500
CS	Hedge/Member		Decrease	USD	750	750	500	500
Light Sweet Crude Oil (CL, CS, WS, 26) - Tier 3 vs. Tier 3 (WTI CRUDE OIL FINANCIAL FUTURES)								
WS	Spec		Decrease	USD	1,013	750	675	500
WS	Hedge/Member		Decrease	USD	750	750	500	500
Light Sweet Crude Oil (CL, CS, WS, 26) - Tier 3 vs. Tier 4 (CRUDE OIL LAST DAY FINANCIAL FUT)								
26	Spec		Decrease	USD	1,688	1,250	1,013	750
26	Hedge/Member		Decrease	USD	1,250	1,250	750	750
Light Sweet Crude Oil (CL, CS, WS, 26) - Tier 3 vs. Tier 4 (CRUDE OIL FUTURE NYMEX)								
CL	Spec		Decrease	USD	1,688	1,250	1,013	750
CL	Hedge/Member		Decrease	USD	1,250	1,250	750	750
Light Sweet Crude Oil (CL, CS, WS, 26) - Tier 3 vs. Tier 4 (CRUDE OIL TRADE AT MARKER LONDON)								
CLL	Spec		Decrease	USD	1,688	1,250	1,013	750
CLL	Hedge/Member		Decrease	USD	1,250	1,250	750	750
Light Sweet Crude Oil (CL, CS, WS, 26) - Tier 3 vs. Tier 4 (CRUDE OIL TRADE AT MARKER SINGAPORE)								
CLS	Spec		Decrease	USD	1,688	1,250	1,013	750
CLS	Hedge/Member		Decrease	USD	1,250	1,250	750	750

SPAN MINIMUM PERFORMANCE BOND REQUIREMENTS

CC	Rate Type	Description	Change	ISO	Current Initial	Current Maintenance	New Initial	New Maintenance
Intra Spreads								
Light Sweet Crude Oil (CL, CS, WS, 26) - Tier 3 vs. Tier 4 (CRUDE OIL TRADE AT SETTLEMENT)								
CLT	Spec		Decrease	USD	1,688	1,250	1,013	750
CLT	Hedge/Member		Decrease	USD	1,250	1,250	750	750
Light Sweet Crude Oil (CL, CS, WS, 26) - Tier 3 vs. Tier 4 (E-MINI CRUDE OIL FUTURES)								
QM	Spec		Decrease	USD	844	625	506	375
QM	Hedge/Member		Decrease	USD	625	625	375	375
Light Sweet Crude Oil (CL, CS, WS, 26) - Tier 3 vs. Tier 4 (MICRO CRUDE OIL FUTURES)								
MCL	Spec		Decrease	USD	2	1	1	1
MCL	Hedge/Member		Decrease	USD	1	1	1	1
Light Sweet Crude Oil (CL, CS, WS, 26) - Tier 3 vs. Tier 4 (NYMEX CRUDE OIL MACI INDEX TAS)								
XCT	Spec		Decrease	USD	1,688	1,250	1,013	750
XCT	Hedge/Member		Decrease	USD	1,250	1,250	750	750
Light Sweet Crude Oil (CL, CS, WS, 26) - Tier 3 vs. Tier 4 (NYMEX CRUDE OIL MACI INDEX)								
XC	Spec		Decrease	USD	338	250	203	150
XC	Hedge/Member		Decrease	USD	250	250	150	150
Light Sweet Crude Oil (CL, CS, WS, 26) - Tier 3 vs. Tier 4 (WTI CALENDAR SWAP)								
CS	Spec		Decrease	USD	1,688	1,250	1,013	750
CS	Hedge/Member		Decrease	USD	1,250	1,250	750	750
Light Sweet Crude Oil (CL, CS, WS, 26) - Tier 3 vs. Tier 4 (WTI CRUDE OIL FINANCIAL FUTURES)								
WS	Spec		Decrease	USD	1,688	1,250	1,013	750
WS	Hedge/Member		Decrease	USD	1,250	1,250	750	750
Light Sweet Crude Oil (CL, CS, WS, 26) - Tier 3 vs. Tier 5 (CRUDE OIL LAST DAY FINANCIAL FUT)								
26	Spec		Decrease	USD	2,025	1,500	1,350	1,000
26	Hedge/Member		Decrease	USD	1,500	1,500	1,000	1,000
Light Sweet Crude Oil (CL, CS, WS, 26) - Tier 3 vs. Tier 5 (CRUDE OIL FUTURE NYMEX)								
CL	Spec		Decrease	USD	2,025	1,500	1,350	1,000
CL	Hedge/Member		Decrease	USD	1,500	1,500	1,000	1,000
Light Sweet Crude Oil (CL, CS, WS, 26) - Tier 3 vs. Tier 5 (CRUDE OIL TRADE AT MARKER LONDON)								
CLL	Spec		Decrease	USD	2,025	1,500	1,350	1,000
CLL	Hedge/Member		Decrease	USD	1,500	1,500	1,000	1,000
Light Sweet Crude Oil (CL, CS, WS, 26) - Tier 3 vs. Tier 5 (CRUDE OIL TRADE AT MARKER SINGAPORE)								
CLS	Spec		Decrease	USD	2,025	1,500	1,350	1,000
CLS	Hedge/Member		Decrease	USD	1,500	1,500	1,000	1,000

SPAN MINIMUM PERFORMANCE BOND REQUIREMENTS

CC	Rate Type	Description	Change	ISO	Current Initial	Current Maintenance	New Initial	New Maintenance
Intra Spreads								
Light Sweet Crude Oil (CL, CS, WS, 26) - Tier 3 vs. Tier 5 (CRUDE OIL TRADE AT SETTLEMENT)								
CLT	Spec		Decrease	USD	2,025	1,500	1,350	1,000
CLT	Hedge/Member		Decrease	USD	1,500	1,500	1,000	1,000
Light Sweet Crude Oil (CL, CS, WS, 26) - Tier 3 vs. Tier 5 (E-MINI CRUDE OIL FUTURES)								
QM	Spec		Decrease	USD	1,013	750	675	500
QM	Hedge/Member		Decrease	USD	750	750	500	500
Light Sweet Crude Oil (CL, CS, WS, 26) - Tier 3 vs. Tier 5 (MICRO CRUDE OIL FUTURES)								
MCL	Spec		Decrease	USD	2	2	1	1
MCL	Hedge/Member		Decrease	USD	2	2	1	1
Light Sweet Crude Oil (CL, CS, WS, 26) - Tier 3 vs. Tier 5 (NYMEX CRUDE OIL MACI INDEX TAS)								
XCT	Spec		Decrease	USD	2,025	1,500	1,350	1,000
XCT	Hedge/Member		Decrease	USD	1,500	1,500	1,000	1,000
Light Sweet Crude Oil (CL, CS, WS, 26) - Tier 3 vs. Tier 5 (NYMEX CRUDE OIL MACI INDEX)								
XC	Spec		Decrease	USD	405	300	270	200
XC	Hedge/Member		Decrease	USD	300	300	200	200
Light Sweet Crude Oil (CL, CS, WS, 26) - Tier 3 vs. Tier 5 (WTI CALENDAR SWAP)								
CS	Spec		Decrease	USD	2,025	1,500	1,350	1,000
CS	Hedge/Member		Decrease	USD	1,500	1,500	1,000	1,000
Light Sweet Crude Oil (CL, CS, WS, 26) - Tier 3 vs. Tier 5 (WTI CRUDE OIL FINANCIAL FUTURES)								
WS	Spec		Decrease	USD	2,025	1,500	1,350	1,000
WS	Hedge/Member		Decrease	USD	1,500	1,500	1,000	1,000
Light Sweet Crude Oil (CL, CS, WS, 26) - Tier 3 vs. Tier 6 (CRUDE OIL LAST DAY FINANCIAL FUT)								
26	Spec		Decrease	USD	2,700	2,000	2,025	1,500
26	Hedge/Member		Decrease	USD	2,000	2,000	1,500	1,500
Light Sweet Crude Oil (CL, CS, WS, 26) - Tier 3 vs. Tier 6 (CRUDE OIL FUTURE NYMEX)								
CL	Spec		Decrease	USD	2,700	2,000	2,025	1,500
CL	Hedge/Member		Decrease	USD	2,000	2,000	1,500	1,500
Light Sweet Crude Oil (CL, CS, WS, 26) - Tier 3 vs. Tier 6 (CRUDE OIL TRADE AT MARKER LONDON)								
CLL	Spec		Decrease	USD	2,700	2,000	2,025	1,500
CLL	Hedge/Member		Decrease	USD	2,000	2,000	1,500	1,500
Light Sweet Crude Oil (CL, CS, WS, 26) - Tier 3 vs. Tier 6 (CRUDE OIL TRADE AT MARKER SINGAPORE)								
CLS	Spec		Decrease	USD	2,700	2,000	2,025	1,500
CLS	Hedge/Member		Decrease	USD	2,000	2,000	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								
Light Sweet Crude Oil (CL, CS, WS, 26) - Tier 3 vs. Tier 6 (CRUDE OIL TRADE AT SETTLEMENT)								
CLT	Spec		Decrease	USD	2,700	2,000	2,025	1,500
CLT	Hedge/Member		Decrease	USD	2,000	2,000	1,500	1,500
Light Sweet Crude Oil (CL, CS, WS, 26) - Tier 3 vs. Tier 6 (E-MINI CRUDE OIL FUTURES)								
QM	Spec		Decrease	USD	1,350	1,000	1,013	750
QM	Hedge/Member		Decrease	USD	1,000	1,000	750	750
Light Sweet Crude Oil (CL, CS, WS, 26) - Tier 3 vs. Tier 6 (MICRO CRUDE OIL FUTURES)								
MCL	Spec		Decrease	USD	3	2	2	2
MCL	Hedge/Member		Decrease	USD	2	2	2	2
Light Sweet Crude Oil (CL, CS, WS, 26) - Tier 3 vs. Tier 6 (NYMEX CRUDE OIL MACI INDEX TAS)								
XCT	Spec		Decrease	USD	2,700	2,000	2,025	1,500
XCT	Hedge/Member		Decrease	USD	2,000	2,000	1,500	1,500
Light Sweet Crude Oil (CL, CS, WS, 26) - Tier 3 vs. Tier 6 (NYMEX CRUDE OIL MACI INDEX)								
XC	Spec		Decrease	USD	540	400	405	300
XC	Hedge/Member		Decrease	USD	400	400	300	300
Light Sweet Crude Oil (CL, CS, WS, 26) - Tier 3 vs. Tier 6 (WTI CALENDAR SWAP)								
CS	Spec		Decrease	USD	2,700	2,000	2,025	1,500
CS	Hedge/Member		Decrease	USD	2,000	2,000	1,500	1,500
Light Sweet Crude Oil (CL, CS, WS, 26) - Tier 3 vs. Tier 6 (WTI CRUDE OIL FINANCIAL FUTURES)								
WS	Spec		Decrease	USD	2,700	2,000	2,025	1,500
WS	Hedge/Member		Decrease	USD	2,000	2,000	1,500	1,500
Light Sweet Crude Oil (CL, CS, WS, 26) - Tier 3 vs. Tier 7 (CRUDE OIL LAST DAY FINANCIAL FUT)								
26	Spec		Decrease	USD	3,375	2,500	3,038	2,250
26	Hedge/Member		Decrease	USD	2,500	2,500	2,250	2,250
Light Sweet Crude Oil (CL, CS, WS, 26) - Tier 3 vs. Tier 7 (CRUDE OIL FUTURE NYMEX)								
CL	Spec		Decrease	USD	3,375	2,500	3,038	2,250
CL	Hedge/Member		Decrease	USD	2,500	2,500	2,250	2,250
Light Sweet Crude Oil (CL, CS, WS, 26) - Tier 3 vs. Tier 7 (CRUDE OIL TRADE AT MARKER LONDON)								
CLL	Spec		Decrease	USD	3,375	2,500	3,038	2,250
CLL	Hedge/Member		Decrease	USD	2,500	2,500	2,250	2,250
Light Sweet Crude Oil (CL, CS, WS, 26) - Tier 3 vs. Tier 7 (CRUDE OIL TRADE AT MARKER SINGAPORE)								
CLS	Spec		Decrease	USD	3,375	2,500	3,038	2,250
CLS	Hedge/Member		Decrease	USD	2,500	2,500	2,250	2,250

SPAN MINIMUM PERFORMANCE BOND REQUIREMENTS

CC	Rate Type	Description	Change	ISO	Current Initial	Current Maintenance	New Initial	New Maintenance
Intra Spreads								
Light Sweet Crude Oil (CL, CS, WS, 26) - Tier 3 vs. Tier 7 (CRUDE OIL TRADE AT SETTLEMENT)								
CLT	Spec		Decrease	USD	3,375	2,500	3,038	2,250
CLT	Hedge/Member		Decrease	USD	2,500	2,500	2,250	2,250
Light Sweet Crude Oil (CL, CS, WS, 26) - Tier 3 vs. Tier 7 (E-MINI CRUDE OIL FUTURES)								
QM	Spec		Decrease	USD	1,688	1,250	1,519	1,125
QM	Hedge/Member		Decrease	USD	1,250	1,250	1,125	1,125
Light Sweet Crude Oil (CL, CS, WS, 26) - Tier 3 vs. Tier 7 (MICRO CRUDE OIL FUTURES)								
MCL	Spec		Decrease	USD	3	3	3	2
MCL	Hedge/Member		Decrease	USD	3	3	2	2
Light Sweet Crude Oil (CL, CS, WS, 26) - Tier 3 vs. Tier 7 (NYMEX CRUDE OIL MACI INDEX TAS)								
XCT	Spec		Decrease	USD	3,375	2,500	3,038	2,250
XCT	Hedge/Member		Decrease	USD	2,500	2,500	2,250	2,250
Light Sweet Crude Oil (CL, CS, WS, 26) - Tier 3 vs. Tier 7 (NYMEX CRUDE OIL MACI INDEX)								
XC	Spec		Decrease	USD	675	500	608	450
XC	Hedge/Member		Decrease	USD	500	500	450	450
Light Sweet Crude Oil (CL, CS, WS, 26) - Tier 3 vs. Tier 7 (WTI CALENDAR SWAP)								
CS	Spec		Decrease	USD	3,375	2,500	3,038	2,250
CS	Hedge/Member		Decrease	USD	2,500	2,500	2,250	2,250
Light Sweet Crude Oil (CL, CS, WS, 26) - Tier 3 vs. Tier 7 (WTI CRUDE OIL FINANCIAL FUTURES)								
WS	Spec		Decrease	USD	3,375	2,500	3,038	2,250
WS	Hedge/Member		Decrease	USD	2,500	2,500	2,250	2,250
Light Sweet Crude Oil (CL, CS, WS, 26) - Tier 4 vs. Tier 4 (CRUDE OIL LAST DAY FINANCIAL FUT)								
26	Spec		Decrease	USD	1,013	750	810	600
26	Hedge/Member		Decrease	USD	750	750	600	600
Light Sweet Crude Oil (CL, CS, WS, 26) - Tier 4 vs. Tier 4 (CRUDE OIL FUTURE NYMEX)								
CL	Spec		Decrease	USD	1,013	750	810	600
CL	Hedge/Member		Decrease	USD	750	750	600	600
Light Sweet Crude Oil (CL, CS, WS, 26) - Tier 4 vs. Tier 4 (CRUDE OIL TRADE AT MARKER LONDON)								
CLL	Spec		Decrease	USD	1,013	750	810	600
CLL	Hedge/Member		Decrease	USD	750	750	600	600
Light Sweet Crude Oil (CL, CS, WS, 26) - Tier 4 vs. Tier 4 (CRUDE OIL TRADE AT MARKER SINGAPORE)								
CLS	Spec		Decrease	USD	1,013	750	810	600
CLS	Hedge/Member		Decrease	USD	750	750	600	600

SPAN MINIMUM PERFORMANCE BOND REQUIREMENTS

CC	Rate Type	Description	Change	ISO	Current Initial	Current Maintenance	New Initial	New Maintenance
Intra Spreads								
Light Sweet Crude Oil (CL, CS, WS, 26) - Tier 4 vs. Tier 4 (CRUDE OIL TRADE AT SETTLEMENT)								
CLT	Spec		Decrease	USD	1,013	750	810	600
CLT	Hedge/Member		Decrease	USD	750	750	600	600
Light Sweet Crude Oil (CL, CS, WS, 26) - Tier 4 vs. Tier 4 (E-MINI CRUDE OIL FUTURES)								
QM	Spec		Decrease	USD	506	375	405	300
QM	Hedge/Member		Decrease	USD	375	375	300	300
Light Sweet Crude Oil (CL, CS, WS, 26) - Tier 4 vs. Tier 4 (MICRO CRUDE OIL FUTURES)								
MCL	Spec		Decrease	USD	1	1	1	1
MCL	Hedge/Member		Decrease	USD	1	1	1	1
Light Sweet Crude Oil (CL, CS, WS, 26) - Tier 4 vs. Tier 4 (NYMEX CRUDE OIL MACI INDEX TAS)								
XCT	Spec		Decrease	USD	1,013	750	810	600
XCT	Hedge/Member		Decrease	USD	750	750	600	600
Light Sweet Crude Oil (CL, CS, WS, 26) - Tier 4 vs. Tier 4 (NYMEX CRUDE OIL MACI INDEX)								
XC	Spec		Decrease	USD	203	150	162	120
XC	Hedge/Member		Decrease	USD	150	150	120	120
Light Sweet Crude Oil (CL, CS, WS, 26) - Tier 4 vs. Tier 4 (WTI CALENDAR SWAP)								
CS	Spec		Decrease	USD	1,013	750	810	600
CS	Hedge/Member		Decrease	USD	750	750	600	600
Light Sweet Crude Oil (CL, CS, WS, 26) - Tier 4 vs. Tier 4 (WTI CRUDE OIL FINANCIAL FUTURES)								
WS	Spec		Decrease	USD	1,013	750	810	600
WS	Hedge/Member		Decrease	USD	750	750	600	600
Light Sweet Crude Oil (CL, CS, WS, 26) - Tier 4 vs. Tier 5 (CRUDE OIL LAST DAY FINANCIAL FUT)								
26	Spec		Decrease	USD	1,350	1,000	1,148	850
26	Hedge/Member		Decrease	USD	1,000	1,000	850	850
Light Sweet Crude Oil (CL, CS, WS, 26) - Tier 4 vs. Tier 5 (CRUDE OIL FUTURE NYMEX)								
CL	Spec		Decrease	USD	1,350	1,000	1,148	850
CL	Hedge/Member		Decrease	USD	1,000	1,000	850	850
Light Sweet Crude Oil (CL, CS, WS, 26) - Tier 4 vs. Tier 5 (CRUDE OIL TRADE AT MARKER LONDON)								
CLL	Spec		Decrease	USD	1,350	1,000	1,148	850
CLL	Hedge/Member		Decrease	USD	1,000	1,000	850	850
Light Sweet Crude Oil (CL, CS, WS, 26) - Tier 4 vs. Tier 5 (CRUDE OIL TRADE AT MARKER SINGAPORE)								
CLS	Spec		Decrease	USD	1,350	1,000	1,148	850
CLS	Hedge/Member		Decrease	USD	1,000	1,000	850	850

SPAN MINIMUM PERFORMANCE BOND REQUIREMENTS

CC	Rate Type	Description	Change	ISO	Current Initial	Current Maintenance	New Initial	New Maintenance
Intra Spreads								
Light Sweet Crude Oil (CL, CS, WS, 26) - Tier 4 vs. Tier 5 (CRUDE OIL TRADE AT SETTLEMENT)								
CLT	Spec		Decrease	USD	1,350	1,000	1,148	850
CLT	Hedge/Member		Decrease	USD	1,000	1,000	850	850
Light Sweet Crude Oil (CL, CS, WS, 26) - Tier 4 vs. Tier 5 (E-MINI CRUDE OIL FUTURES)								
QM	Spec		Decrease	USD	675	500	574	425
QM	Hedge/Member		Decrease	USD	500	500	425	425
Light Sweet Crude Oil (CL, CS, WS, 26) - Tier 4 vs. Tier 5 (MICRO CRUDE OIL FUTURES)								
MCL	Spec		Decrease	USD	1	1	1	1
MCL	Hedge/Member		Decrease	USD	1	1	1	1
Light Sweet Crude Oil (CL, CS, WS, 26) - Tier 4 vs. Tier 5 (NYMEX CRUDE OIL MACI INDEX TAS)								
XCT	Spec		Decrease	USD	1,350	1,000	1,148	850
XCT	Hedge/Member		Decrease	USD	1,000	1,000	850	850
Light Sweet Crude Oil (CL, CS, WS, 26) - Tier 4 vs. Tier 5 (NYMEX CRUDE OIL MACI INDEX)								
XC	Spec		Decrease	USD	270	200	230	170
XC	Hedge/Member		Decrease	USD	200	200	170	170
Light Sweet Crude Oil (CL, CS, WS, 26) - Tier 4 vs. Tier 5 (WTI CALENDAR SWAP)								
CS	Spec		Decrease	USD	1,350	1,000	1,148	850
CS	Hedge/Member		Decrease	USD	1,000	1,000	850	850
Light Sweet Crude Oil (CL, CS, WS, 26) - Tier 4 vs. Tier 5 (WTI CRUDE OIL FINANCIAL FUTURES)								
WS	Spec		Decrease	USD	1,350	1,000	1,148	850
WS	Hedge/Member		Decrease	USD	1,000	1,000	850	850
Light Sweet Crude Oil (CL, CS, WS, 26) - Tier 5 vs. Tier 5 (CRUDE OIL LAST DAY FINANCIAL FUT)								
26	Spec		Decrease	USD	1,013	750	810	600
26	Hedge/Member		Decrease	USD	750	750	600	600
Light Sweet Crude Oil (CL, CS, WS, 26) - Tier 5 vs. Tier 5 (CRUDE OIL FUTURE NYMEX)								
CL	Spec		Decrease	USD	1,013	750	810	600
CL	Hedge/Member		Decrease	USD	750	750	600	600
Light Sweet Crude Oil (CL, CS, WS, 26) - Tier 5 vs. Tier 5 (CRUDE OIL TRADE AT MARKER LONDON)								
CLL	Spec		Decrease	USD	1,013	750	810	600
CLL	Hedge/Member		Decrease	USD	750	750	600	600
Light Sweet Crude Oil (CL, CS, WS, 26) - Tier 5 vs. Tier 5 (CRUDE OIL TRADE AT MARKER SINGAPORE)								
CLS	Spec		Decrease	USD	1,013	750	810	600
CLS	Hedge/Member		Decrease	USD	750	750	600	600

SPAN MINIMUM PERFORMANCE BOND REQUIREMENTS

CC	Rate Type	Description	Change	ISO	Current Initial	Current Maintenance	New Initial	New Maintenance
Intra Spreads								
Light Sweet Crude Oil (CL, CS, WS, 26) - Tier 5 vs. Tier 5 (CRUDE OIL TRADE AT SETTLEMENT)								
CLT	Spec		Decrease	USD	1,013	750	810	600
CLT	Hedge/Member		Decrease	USD	750	750	600	600
Light Sweet Crude Oil (CL, CS, WS, 26) - Tier 5 vs. Tier 5 (E-MINI CRUDE OIL FUTURES)								
QM	Spec		Decrease	USD	506	375	405	300
QM	Hedge/Member		Decrease	USD	375	375	300	300
Light Sweet Crude Oil (CL, CS, WS, 26) - Tier 5 vs. Tier 5 (MICRO CRUDE OIL FUTURES)								
MCL	Spec		Decrease	USD	1	1	1	1
MCL	Hedge/Member		Decrease	USD	1	1	1	1
Light Sweet Crude Oil (CL, CS, WS, 26) - Tier 5 vs. Tier 5 (NYMEX CRUDE OIL MACI INDEX TAS)								
XCT	Spec		Decrease	USD	1,013	750	810	600
XCT	Hedge/Member		Decrease	USD	750	750	600	600
Light Sweet Crude Oil (CL, CS, WS, 26) - Tier 5 vs. Tier 5 (NYMEX CRUDE OIL MACI INDEX)								
XC	Spec		Decrease	USD	203	150	162	120
XC	Hedge/Member		Decrease	USD	150	150	120	120
Light Sweet Crude Oil (CL, CS, WS, 26) - Tier 5 vs. Tier 5 (WTI CALENDAR SWAP)								
CS	Spec		Decrease	USD	1,013	750	810	600
CS	Hedge/Member		Decrease	USD	750	750	600	600
Light Sweet Crude Oil (CL, CS, WS, 26) - Tier 5 vs. Tier 5 (WTI CRUDE OIL FINANCIAL FUTURES)								
WS	Spec		Decrease	USD	1,013	750	810	600
WS	Hedge/Member		Decrease	USD	750	750	600	600
Light Sweet Crude Oil (CL, CS, WS, 26) - Tier 5 vs. Tier 6 (CRUDE OIL LAST DAY FINANCIAL FUT)								
26	Spec		Increase	USD	1,013	750	1,350	1,000
26	Hedge/Member		Increase	USD	750	750	1,000	1,000
Light Sweet Crude Oil (CL, CS, WS, 26) - Tier 5 vs. Tier 6 (CRUDE OIL FUTURE NYMEX)								
CL	Spec		Increase	USD	1,013	750	1,350	1,000
CL	Hedge/Member		Increase	USD	750	750	1,000	1,000
Light Sweet Crude Oil (CL, CS, WS, 26) - Tier 5 vs. Tier 6 (CRUDE OIL TRADE AT MARKER LONDON)								
CLL	Spec		Increase	USD	1,013	750	1,350	1,000
CLL	Hedge/Member		Increase	USD	750	750	1,000	1,000
Light Sweet Crude Oil (CL, CS, WS, 26) - Tier 5 vs. Tier 6 (CRUDE OIL TRADE AT MARKER SINGAPORE)								
CLS	Spec		Increase	USD	1,013	750	1,350	1,000
CLS	Hedge/Member		Increase	USD	750	750	1,000	1,000

SPAN MINIMUM PERFORMANCE BOND REQUIREMENTS

CC	Rate Type	Description	Change	ISO	Current Initial	Current Maintenance	New Initial	New Maintenance
Intra Spreads								
Light Sweet Crude Oil (CL, CS, WS, 26) - Tier 5 vs. Tier 6 (CRUDE OIL TRADE AT SETTLEMENT)								
CLT	Spec		Increase	USD	1,013	750	1,350	1,000
CLT	Hedge/Member		Increase	USD	750	750	1,000	1,000
Light Sweet Crude Oil (CL, CS, WS, 26) - Tier 5 vs. Tier 6 (E-MINI CRUDE OIL FUTURES)								
QM	Spec		Increase	USD	506	375	675	500
QM	Hedge/Member		Increase	USD	375	375	500	500
Light Sweet Crude Oil (CL, CS, WS, 26) - Tier 5 vs. Tier 6 (MICRO CRUDE OIL FUTURES)								
MCL	Spec		Increase	USD	1	1	1	1
MCL	Hedge/Member		Increase	USD	1	1	1	1
Light Sweet Crude Oil (CL, CS, WS, 26) - Tier 5 vs. Tier 6 (NYMEX CRUDE OIL MACI INDEX TAS)								
XCT	Spec		Increase	USD	1,013	750	1,350	1,000
XCT	Hedge/Member		Increase	USD	750	750	1,000	1,000
Light Sweet Crude Oil (CL, CS, WS, 26) - Tier 5 vs. Tier 6 (NYMEX CRUDE OIL MACI INDEX)								
XC	Spec		Increase	USD	203	150	270	200
XC	Hedge/Member		Increase	USD	150	150	200	200
Light Sweet Crude Oil (CL, CS, WS, 26) - Tier 5 vs. Tier 6 (WTI CALENDAR SWAP)								
CS	Spec		Increase	USD	1,013	750	1,350	1,000
CS	Hedge/Member		Increase	USD	750	750	1,000	1,000
Light Sweet Crude Oil (CL, CS, WS, 26) - Tier 5 vs. Tier 6 (WTI CRUDE OIL FINANCIAL FUTURES)								
WS	Spec		Increase	USD	1,013	750	1,350	1,000
WS	Hedge/Member		Increase	USD	750	750	1,000	1,000
Light Sweet Crude Oil (CL, CS, WS, 26) - Tier 6 vs. Tier 6 (CRUDE OIL LAST DAY FINANCIAL FUT)								
26	Spec		Decrease	USD	1,013	750	810	600
26	Hedge/Member		Decrease	USD	750	750	600	600
Light Sweet Crude Oil (CL, CS, WS, 26) - Tier 6 vs. Tier 6 (CRUDE OIL FUTURE NYMEX)								
CL	Spec		Decrease	USD	1,013	750	810	600
CL	Hedge/Member		Decrease	USD	750	750	600	600
Light Sweet Crude Oil (CL, CS, WS, 26) - Tier 6 vs. Tier 6 (CRUDE OIL TRADE AT MARKER LONDON)								
CLL	Spec		Decrease	USD	1,013	750	810	600
CLL	Hedge/Member		Decrease	USD	750	750	600	600
Light Sweet Crude Oil (CL, CS, WS, 26) - Tier 6 vs. Tier 6 (CRUDE OIL TRADE AT MARKER SINGAPORE)								
CLS	Spec		Decrease	USD	1,013	750	810	600
CLS	Hedge/Member		Decrease	USD	750	750	600	600

SPAN MINIMUM PERFORMANCE BOND REQUIREMENTS

CC	Rate Type	Description	Change	ISO	Current Initial	Current Maintenance	New Initial	New Maintenance
Intra Spreads								
Light Sweet Crude Oil (CL, CS, WS, 26) - Tier 6 vs. Tier 6 (CRUDE OIL TRADE AT SETTLEMENT)								
CLT	Spec		Decrease	USD	1,013	750	810	600
CLT	Hedge/Member		Decrease	USD	750	750	600	600
Light Sweet Crude Oil (CL, CS, WS, 26) - Tier 6 vs. Tier 6 (E-MINI CRUDE OIL FUTURES)								
QM	Spec		Decrease	USD	506	375	405	300
QM	Hedge/Member		Decrease	USD	375	375	300	300
Light Sweet Crude Oil (CL, CS, WS, 26) - Tier 6 vs. Tier 6 (MICRO CRUDE OIL FUTURES)								
MCL	Spec		Decrease	USD	1	1	1	1
MCL	Hedge/Member		Decrease	USD	1	1	1	1
Light Sweet Crude Oil (CL, CS, WS, 26) - Tier 6 vs. Tier 6 (NYMEX CRUDE OIL MACI INDEX TAS)								
XCT	Spec		Decrease	USD	1,013	750	810	600
XCT	Hedge/Member		Decrease	USD	750	750	600	600
Light Sweet Crude Oil (CL, CS, WS, 26) - Tier 6 vs. Tier 6 (NYMEX CRUDE OIL MACI INDEX)								
XC	Spec		Decrease	USD	203	150	162	120
XC	Hedge/Member		Decrease	USD	150	150	120	120
Light Sweet Crude Oil (CL, CS, WS, 26) - Tier 6 vs. Tier 6 (WTI CALENDAR SWAP)								
CS	Spec		Decrease	USD	1,013	750	810	600
CS	Hedge/Member		Decrease	USD	750	750	600	600
Light Sweet Crude Oil (CL, CS, WS, 26) - Tier 6 vs. Tier 6 (WTI CRUDE OIL FINANCIAL FUTURES)								
WS	Spec		Decrease	USD	1,013	750	810	600
WS	Hedge/Member		Decrease	USD	750	750	600	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								
Algonquin City-gates Natural Gas Basis Swap - All Months (ALGONQUIN CITYGATES BASIS)								
B4	Spec		Increase	USD	110	100	275	250
B4	Hedge/Member		Increase	USD	100	100	250	250
ANR OK Basis Swap (Platts IFERC) - All Months (ANR OKLAHOMA)								
NE	Spec		Increase	USD	110	100	220	200
NE	Hedge/Member		Increase	USD	100	100	200	200
Centerpoint Basis (Platts IFERC) Swap - All Months (CENTERPOINT BASIS SWAP)								
PW	Spec		Increase	USD	110	100	220	200
PW	Hedge/Member		Increase	USD	100	100	200	200
Chicago Basis Swap (NGI) - All Months (CHICAGO BASIS SWAP)								
NB	Spec		Increase	USD	110	100	220	200
NB	Hedge/Member		Increase	USD	100	100	200	200
CIG Rocky Mountain Basis Swap (Platts IFERC) - All Months (CIG BASIS)								
CI	Spec		Increase	USD	110	100	220	200
CI	Hedge/Member		Increase	USD	100	100	200	200
El Paso Natural Gas Co. Permian Basin Basis Swap - All Months (PERMIAN BASIS SWAP)								
PM	Spec		Increase	USD	110	100	220	200
PM	Hedge/Member		Increase	USD	100	100	200	200
MICHIGAN BASIS (NF) - All Months (MICHIGAN BASIS)								
NF	Spec		Increase	USD	110	100	220	200
NF	Hedge/Member		Increase	USD	100	100	200	200
NGPL Mid-Continent Basis - All Months (NGPL MIDCONTINENT BASIS SWAP)								
NL	Spec		Increase	USD	110	100	220	200
NL	Hedge/Member		Increase	USD	100	100	200	200
NORTH NAT GAS VENTURA, IOWA (PF) - All Months (VENTURA BASIS SWAP)								
PF	Spec		Increase	USD	110	100	220	200
PF	Hedge/Member		Increase	USD	100	100	200	200
NORTHERN NAT GAS DEMARCATION (PE) - All Months (NORTHERN NATURAL GAS DEMAR BASIS SW)								
PE	Spec		Increase	USD	110	100	220	200
PE	Hedge/Member		Increase	USD	100	100	200	200
Northwest Pipeline, Rockies Basis Swap - All Months (NORTHWEST PIPELINE BASIS SWAP)								
NR	Spec		Increase	USD	110	100	220	200
NR	Hedge/Member		Increase	USD	100	100	200	200

SPAN MINIMUM PERFORMANCE BOND REQUIREMENTS

CC	Rate Type	Description	Change	ISO	Current Initial	Current Maintenance	New Initial	New Maintenance
Intra Spreads								
Panhandle Basis Swap - All Months (PANHANDLE BASIS SWAP)								
PH	Spec		Increase	USD	110	100	220	200
PH	Hedge/Member		Increase	USD	100	100	200	200
PEPL TEXAS/OKLAHOMA (MAINLINE) (NK) - All Months (Sumas Basis Swap)								
NK	Spec		Increase	USD	110	100	330	300
NK	Hedge/Member		Increase	USD	100	100	300	300
PGE&E CITYGATE (PC) - All Months (PGE&E CITYGATE)								
PC	Spec		Increase	USD	110	100	220	200
PC	Hedge/Member		Increase	USD	100	100	200	200
San Juan Basis Swap (Platts IFERC) - All Months (SAN JUAN BASIS SWAP)								
NJ	Spec		Increase	USD	110	100	220	200
NJ	Hedge/Member		Increase	USD	100	100	200	200
SoCal Basis Swap (NGI) - Tier 1 vs Tier 2 (SOCAL BASIS SWAP)								
NS	Spec		Increase	USD	220	200	330	300
NS	Hedge/Member		Increase	USD	200	200	300	300
SoCal Basis Swap (NGI) - Tier 1 vs Tier 3 (SOCAL BASIS SWAP)								
NS	Spec		Increase	USD	220	200	330	300
NS	Hedge/Member		Increase	USD	200	200	300	300
SoCal Basis Swap (NGI) - Tier 1 vs Tier 4 (SOCAL BASIS SWAP)								
NS	Spec		Increase	USD	110	100	220	200
NS	Hedge/Member		Increase	USD	100	100	200	200
SoCal Basis Swap (NGI) - Tier 1 vs Tier 5 (SOCAL BASIS SWAP)								
NS	Spec		Increase	USD	110	100	220	200
NS	Hedge/Member		Increase	USD	100	100	200	200
SoCal Basis Swap (NGI) - Tier 2 vs Tier 3 (SOCAL BASIS SWAP)								
NS	Spec		Increase	USD	110	100	220	200
NS	Hedge/Member		Increase	USD	100	100	200	200
SoCal Basis Swap (NGI) - Tier 2 vs Tier 4 (SOCAL BASIS SWAP)								
NS	Spec		Increase	USD	110	100	220	200
NS	Hedge/Member		Increase	USD	100	100	200	200
SoCal Basis Swap (NGI) - Tier 2 vs Tier 5 (SOCAL BASIS SWAP)								
NS	Spec		Increase	USD	110	100	220	200
NS	Hedge/Member		Increase	USD	100	100	200	200

SPAN MINIMUM PERFORMANCE BOND REQUIREMENTS

CC	Rate Type	Description	Change	ISO	Current Initial	Current Maintenance	New Initial	New Maintenance
Intra Spreads								
SoCal Basis Swap (NGI) - Tier 3 vs Tier 3 (SOCAL BASIS SWAP)								
NS	Spec		Increase	USD	110	100	220	200
NS	Hedge/Member		Increase	USD	100	100	200	200
SoCal Basis Swap (NGI) - Tier 3 vs Tier 4 (SOCAL BASIS SWAP)								
NS	Spec		Increase	USD	110	100	220	200
NS	Hedge/Member		Increase	USD	100	100	200	200
SoCal Basis Swap (NGI) - Tier 3 vs Tier 5 (SOCAL BASIS SWAP)								
NS	Spec		Increase	USD	110	100	220	200
NS	Hedge/Member		Increase	USD	100	100	200	200
SoCal Basis Swap (NGI) - Tier 4 vs Tier 4 (SOCAL BASIS SWAP)								
NS	Spec		Increase	USD	110	100	220	200
NS	Hedge/Member		Increase	USD	100	100	200	200
SoCal Basis Swap (NGI) - Tier 4 vs Tier 5 (SOCAL BASIS SWAP)								
NS	Spec		Increase	USD	110	100	220	200
NS	Hedge/Member		Increase	USD	100	100	200	200
SoCal Basis Swap (NGI) - Tier 5 vs Tier 5 (SOCAL BASIS SWAP)								
NS	Spec		Increase	USD	110	100	220	200
NS	Hedge/Member		Increase	USD	100	100	200	200
Transco Zone 6 Basis Swap - All Months (TRANSCO ZONE 6 BASIS SWAP)								
NZ	Spec		Increase	USD	110	100	330	300
NZ	Hedge/Member		Increase	USD	100	100	300	300