



11-175

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

FROM: CME Clearing

SUBJECT: Performance Bond Requirements:

DATE: Wednesday, May 18, 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

**Thursday, May 19, 2011.**

Current rates as of:

**Wednesday, May 18, 2011.**

## SPAN MINIMUM PERFORMANCE BOND REQUIREMENTS

CC	Rate Type	Description	Change	ISO	Current Initial	Current Maintenance	New Initial	New Maintenance
<b>Intra Spreads</b>								
<b>CRUDE OIL - Intra Spreads</b>								
<b>Light Sweet Crude Oil (CL, CS, WS, 26) - Consecutive Months 7-8 and on (CRUDE OIL LAST DAY FINANCIAL FUT)</b>								
26	Spec		Increase	USD	338	250	405	300
26	Hedge/Member		Increase	USD	250	250	300	300
<b>Light Sweet Crude Oil (CL, CS, WS, 26) - Consecutive Months 7-8 and on (CRUDE OIL FUTURE NYMEX)</b>								
CL	Spec		Increase	USD	338	250	405	300
CL	Hedge/Member		Increase	USD	250	250	300	300
<b>Light Sweet Crude Oil (CL, CS, WS, 26) - Consecutive Months 7-8 and on (CRUDE OIL TRADE AT SETTLEMENT)</b>								
CLT	Spec		Increase	USD	338	250	405	300
CLT	Hedge/Member		Increase	USD	250	250	300	300
<b>Light Sweet Crude Oil (CL, CS, WS, 26) - Consecutive Months 7-8 and on (E-MINI CRUDE OIL FUTURES)</b>								
QM	Spec		Increase	USD	169	125	203	150
QM	Hedge/Member		Increase	USD	125	125	150	150
<b>Light Sweet Crude Oil (CL, CS, WS, 26) - Consecutive Months 7-8 and on (NYMEX CRUDE OIL MACI INDEX TAS)</b>								
XCT	Spec		Increase	USD	338	250	405	300
XCT	Hedge/Member		Increase	USD	250	250	300	300
<b>Light Sweet Crude Oil (CL, CS, WS, 26) - Consecutive Months 7-8 and on (NYMEX CRUDE OIL MACI INDEX)</b>								
XC	Spec		Increase	USD	68	50	81	60
XC	Hedge/Member		Increase	USD	50	50	60	60
<b>Light Sweet Crude Oil (CL, CS, WS, 26) - Consecutive Months 7-8 and on (WTI CALENDAR SWAP)</b>								
CS	Spec		Increase	USD	338	250	405	300
CS	Hedge/Member		Increase	USD	250	250	300	300
<b>Light Sweet Crude Oil (CL, CS, WS, 26) - Consecutive Months 7-8 and on (WTI CRUDE OIL FINANCIAL FUTURES)</b>								
WS	Spec		Increase	USD	338	250	405	300
WS	Hedge/Member		Increase	USD	250	250	300	300
<b>Light Sweet Crude Oil (CL, CS, WS, 26) - Tier 1 vs. Tier 4 (CRUDE OIL LAST DAY FINANCIAL FUT)</b>								
26	Spec		Increase	USD	2,700	2,000	3,038	2,250
26	Hedge/Member		Increase	USD	2,000	2,000	2,250	2,250
<b>Light Sweet Crude Oil (CL, CS, WS, 26) - Tier 1 vs. Tier 4 (CRUDE OIL FUTURE NYMEX)</b>								
CL	Spec		Increase	USD	2,700	2,000	3,038	2,250
CL	Hedge/Member		Increase	USD	2,000	2,000	2,250	2,250
<b>Light Sweet Crude Oil (CL, CS, WS, 26) - Tier 1 vs. Tier 4 (CRUDE OIL TRADE AT SETTLEMENT)</b>								
CLT	Spec		Increase	USD	2,700	2,000	3,038	2,250
CLT	Hedge/Member		Increase	USD	2,000	2,000	2,250	2,250
<b>Light Sweet Crude Oil (CL, CS, WS, 26) - Tier 1 vs. Tier 4 (E-MINI CRUDE OIL FUTURES)</b>								
QM	Spec		Increase	USD	1,350	1,000	1,519	1,125

## SPAN MINIMUM PERFORMANCE BOND REQUIREMENTS

CC	Rate Type	Description	Change	ISO	Current Initial	Current Maintenance	New Initial	New Maintenance
<b>Intra Spreads</b>								
QM	Hedge/Member		Increase	USD	1,000	1,000	1,125	1,125
<b>Light Sweet Crude Oil (CL, CS, WS, 26) - Tier 1 vs. Tier 4 (NYMEX CRUDE OIL MACI INDEX TAS)</b>								
XCT	Spec		Increase	USD	2,700	2,000	3,038	2,250
XCT	Hedge/Member		Increase	USD	2,000	2,000	2,250	2,250
<b>Light Sweet Crude Oil (CL, CS, WS, 26) - Tier 1 vs. Tier 4 (NYMEX CRUDE OIL MACI INDEX)</b>								
XC	Spec		Increase	USD	540	400	608	450
XC	Hedge/Member		Increase	USD	400	400	450	450
<b>Light Sweet Crude Oil (CL, CS, WS, 26) - Tier 1 vs. Tier 4 (WTI CALENDAR SWAP)</b>								
CS	Spec		Increase	USD	2,700	2,000	3,038	2,250
CS	Hedge/Member		Increase	USD	2,000	2,000	2,250	2,250
<b>Light Sweet Crude Oil (CL, CS, WS, 26) - Tier 1 vs. Tier 4 (WTI CRUDE OIL FINANCIAL FUTURES)</b>								
WS	Spec		Increase	USD	2,700	2,000	3,038	2,250
WS	Hedge/Member		Increase	USD	2,000	2,000	2,250	2,250
<b>Light Sweet Crude Oil (CL, CS, WS, 26) - Tier 2 vs. Tier 4 (CRUDE OIL LAST DAY FINANCIAL FUT)</b>								
26	Spec		Increase	USD	3,038	2,250	3,713	2,750
26	Hedge/Member		Increase	USD	2,250	2,250	2,750	2,750
<b>Light Sweet Crude Oil (CL, CS, WS, 26) - Tier 2 vs. Tier 4 (CRUDE OIL FUTURE NYMEX)</b>								
CL	Spec		Increase	USD	3,038	2,250	3,713	2,750
CL	Hedge/Member		Increase	USD	2,250	2,250	2,750	2,750
<b>Light Sweet Crude Oil (CL, CS, WS, 26) - Tier 2 vs. Tier 4 (CRUDE OIL TRADE AT SETTLEMENT)</b>								
CLT	Spec		Increase	USD	3,038	2,250	3,713	2,750
CLT	Hedge/Member		Increase	USD	2,250	2,250	2,750	2,750
<b>Light Sweet Crude Oil (CL, CS, WS, 26) - Tier 2 vs. Tier 4 (E-MINI CRUDE OIL FUTURES)</b>								
QM	Spec		Increase	USD	1,519	1,125	1,856	1,375
QM	Hedge/Member		Increase	USD	1,125	1,125	1,375	1,375
<b>Light Sweet Crude Oil (CL, CS, WS, 26) - Tier 2 vs. Tier 4 (NYMEX CRUDE OIL MACI INDEX TAS)</b>								
XCT	Spec		Increase	USD	3,038	2,250	3,713	2,750
XCT	Hedge/Member		Increase	USD	2,250	2,250	2,750	2,750
<b>Light Sweet Crude Oil (CL, CS, WS, 26) - Tier 2 vs. Tier 4 (NYMEX CRUDE OIL MACI INDEX)</b>								
XC	Spec		Increase	USD	608	450	743	550
XC	Hedge/Member		Increase	USD	450	450	550	550
<b>Light Sweet Crude Oil (CL, CS, WS, 26) - Tier 2 vs. Tier 4 (WTI CALENDAR SWAP)</b>								
CS	Spec		Increase	USD	3,038	2,250	3,713	2,750
CS	Hedge/Member		Increase	USD	2,250	2,250	2,750	2,750
<b>Light Sweet Crude Oil (CL, CS, WS, 26) - Tier 2 vs. Tier 4 (WTI CRUDE OIL FINANCIAL FUTURES)</b>								
WS	Spec		Increase	USD	3,038	2,250	3,713	2,750
WS	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
<b>Intra Spreads</b>								
<b>Light Sweet Crude Oil (CL, CS, WS, 26) - Tier 2 vs. Tier 5 (CRUDE OIL LAST DAY FINANCIAL FUT)</b>								
26	Spec		Increase	USD	3,038	2,250	4,050	3,000
26	Hedge/Member		Increase	USD	2,250	2,250	3,000	3,000
<b>Light Sweet Crude Oil (CL, CS, WS, 26) - Tier 2 vs. Tier 5 (CRUDE OIL FUTURE NYMEX)</b>								
CL	Spec		Increase	USD	3,038	2,250	4,050	3,000
CL	Hedge/Member		Increase	USD	2,250	2,250	3,000	3,000
<b>Light Sweet Crude Oil (CL, CS, WS, 26) - Tier 2 vs. Tier 5 (CRUDE OIL TRADE AT SETTLEMENT)</b>								
CLT	Spec		Increase	USD	3,038	2,250	4,050	3,000
CLT	Hedge/Member		Increase	USD	2,250	2,250	3,000	3,000
<b>Light Sweet Crude Oil (CL, CS, WS, 26) - Tier 2 vs. Tier 5 (E-MINI CRUDE OIL FUTURES)</b>								
QM	Spec		Increase	USD	1,519	1,125	2,025	1,500
QM	Hedge/Member		Increase	USD	1,125	1,125	1,500	1,500
<b>Light Sweet Crude Oil (CL, CS, WS, 26) - Tier 2 vs. Tier 5 (NYMEX CRUDE OIL MACI INDEX TAS)</b>								
XCT	Spec		Increase	USD	3,038	2,250	4,050	3,000
XCT	Hedge/Member		Increase	USD	2,250	2,250	3,000	3,000
<b>Light Sweet Crude Oil (CL, CS, WS, 26) - Tier 2 vs. Tier 5 (NYMEX CRUDE OIL MACI INDEX)</b>								
XC	Spec		Increase	USD	608	450	810	600
XC	Hedge/Member		Increase	USD	450	450	600	600
<b>Light Sweet Crude Oil (CL, CS, WS, 26) - Tier 2 vs. Tier 5 (WTI CALENDAR SWAP)</b>								
CS	Spec		Increase	USD	3,038	2,250	4,050	3,000
CS	Hedge/Member		Increase	USD	2,250	2,250	3,000	3,000
<b>Light Sweet Crude Oil (CL, CS, WS, 26) - Tier 2 vs. Tier 5 (WTI CRUDE OIL FINANCIAL FUTURES)</b>								
WS	Spec		Increase	USD	3,038	2,250	4,050	3,000
WS	Hedge/Member		Increase	USD	2,250	2,250	3,000	3,000
<b>Light Sweet Crude Oil (CL, CS, WS, 26) - Tier 2 vs. Tier 6 (CRUDE OIL LAST DAY FINANCIAL FUT)</b>								
26	Spec		Increase	USD	3,713	2,750	4,050	3,000
26	Hedge/Member		Increase	USD	2,750	2,750	3,000	3,000
<b>Light Sweet Crude Oil (CL, CS, WS, 26) - Tier 2 vs. Tier 6 (CRUDE OIL FUTURE NYMEX)</b>								
CL	Spec		Increase	USD	3,713	2,750	4,050	3,000
CL	Hedge/Member		Increase	USD	2,750	2,750	3,000	3,000
<b>Light Sweet Crude Oil (CL, CS, WS, 26) - Tier 2 vs. Tier 6 (CRUDE OIL TRADE AT SETTLEMENT)</b>								
CLT	Spec		Increase	USD	3,713	2,750	4,050	3,000
CLT	Hedge/Member		Increase	USD	2,750	2,750	3,000	3,000
<b>Light Sweet Crude Oil (CL, CS, WS, 26) - Tier 2 vs. Tier 6 (E-MINI CRUDE OIL FUTURES)</b>								
QM	Spec		Increase	USD	1,856	1,375	2,025	1,500
QM	Hedge/Member		Increase	USD	1,375	1,375	1,500	1,500

## SPAN MINIMUM PERFORMANCE BOND REQUIREMENTS

CC	Rate Type	Description	Change	ISO	Current Initial	Current Maintenance	New Initial	New Maintenance
<b>Intra Spreads</b>								
<b>Light Sweet Crude Oil (CL, CS, WS, 26) - Tier 2 vs. Tier 6 (NYMEX CRUDE OIL MACI INDEX TAS)</b>								
XCT	Spec		Increase	USD	3,713	2,750	4,050	3,000
XCT	Hedge/Member		Increase	USD	2,750	2,750	3,000	3,000
<b>Light Sweet Crude Oil (CL, CS, WS, 26) - Tier 2 vs. Tier 6 (NYMEX CRUDE OIL MACI INDEX)</b>								
XC	Spec		Increase	USD	743	550	810	600
XC	Hedge/Member		Increase	USD	550	550	600	600
<b>Light Sweet Crude Oil (CL, CS, WS, 26) - Tier 2 vs. Tier 6 (WTI CALENDAR SWAP)</b>								
CS	Spec		Increase	USD	3,713	2,750	4,050	3,000
CS	Hedge/Member		Increase	USD	2,750	2,750	3,000	3,000
<b>Light Sweet Crude Oil (CL, CS, WS, 26) - Tier 2 vs. Tier 6 (WTI CRUDE OIL FINANCIAL FUTURES)</b>								
WS	Spec		Increase	USD	3,713	2,750	4,050	3,000
WS	Hedge/Member		Increase	USD	2,750	2,750	3,000	3,000
<b>Light Sweet Crude Oil (CL, CS, WS, 26) - Tier 3 vs. Tier 3 (CRUDE OIL LAST DAY FINANCIAL FUT)</b>								
26	Spec		Increase	USD	1,350	1,000	2,025	1,500
26	Hedge/Member		Increase	USD	1,000	1,000	1,500	1,500
<b>Light Sweet Crude Oil (CL, CS, WS, 26) - Tier 3 vs. Tier 3 (CRUDE OIL FUTURE NYMEX)</b>								
CL	Spec		Increase	USD	1,350	1,000	2,025	1,500
CL	Hedge/Member		Increase	USD	1,000	1,000	1,500	1,500
<b>Light Sweet Crude Oil (CL, CS, WS, 26) - Tier 3 vs. Tier 3 (CRUDE OIL TRADE AT SETTLEMENT)</b>								
CLT	Spec		Increase	USD	1,350	1,000	2,025	1,500
CLT	Hedge/Member		Increase	USD	1,000	1,000	1,500	1,500
<b>Light Sweet Crude Oil (CL, CS, WS, 26) - Tier 3 vs. Tier 3 (E-MINI CRUDE OIL FUTURES)</b>								
QM	Spec		Increase	USD	675	500	1,013	750
QM	Hedge/Member		Increase	USD	500	500	750	750
<b>Light Sweet Crude Oil (CL, CS, WS, 26) - Tier 3 vs. Tier 3 (NYMEX CRUDE OIL MACI INDEX TAS)</b>								
XCT	Spec		Increase	USD	1,350	1,000	2,025	1,500
XCT	Hedge/Member		Increase	USD	1,000	1,000	1,500	1,500
<b>Light Sweet Crude Oil (CL, CS, WS, 26) - Tier 3 vs. Tier 3 (NYMEX CRUDE OIL MACI INDEX)</b>								
XC	Spec		Increase	USD	270	200	405	300
XC	Hedge/Member		Increase	USD	200	200	300	300
<b>Light Sweet Crude Oil (CL, CS, WS, 26) - Tier 3 vs. Tier 3 (WTI CALENDAR SWAP)</b>								
CS	Spec		Increase	USD	1,350	1,000	2,025	1,500
CS	Hedge/Member		Increase	USD	1,000	1,000	1,500	1,500
<b>Light Sweet Crude Oil (CL, CS, WS, 26) - Tier 3 vs. Tier 3 (WTI CRUDE OIL FINANCIAL FUTURES)</b>								
WS	Spec		Increase	USD	1,350	1,000	2,025	1,500
WS	Hedge/Member		Increase	USD	1,000	1,000	1,500	1,500

## SPAN MINIMUM PERFORMANCE BOND REQUIREMENTS

CC	Rate Type	Description	Change	ISO	Current Initial	Current Maintenance	New Initial	New Maintenance
<b>Intra Spreads</b>								
<b>Light Sweet Crude Oil (CL, CS, WS, 26) - Tier 3 vs. Tier 4 (CRUDE OIL LAST DAY FINANCIAL FUT)</b>								
26	Spec		Increase	USD	2,363	1,750	3,038	2,250
26	Hedge/Member		Increase	USD	1,750	1,750	2,250	2,250
<b>Light Sweet Crude Oil (CL, CS, WS, 26) - Tier 3 vs. Tier 4 (CRUDE OIL FUTURE NYMEX)</b>								
CL	Spec		Increase	USD	2,363	1,750	3,038	2,250
CL	Hedge/Member		Increase	USD	1,750	1,750	2,250	2,250
<b>Light Sweet Crude Oil (CL, CS, WS, 26) - Tier 3 vs. Tier 4 (CRUDE OIL TRADE AT SETTLEMENT)</b>								
CLT	Spec		Increase	USD	2,363	1,750	3,038	2,250
CLT	Hedge/Member		Increase	USD	1,750	1,750	2,250	2,250
<b>Light Sweet Crude Oil (CL, CS, WS, 26) - Tier 3 vs. Tier 4 (E-MINI CRUDE OIL FUTURES)</b>								
QM	Spec		Increase	USD	1,181	875	1,519	1,125
QM	Hedge/Member		Increase	USD	875	875	1,125	1,125
<b>Light Sweet Crude Oil (CL, CS, WS, 26) - Tier 3 vs. Tier 4 (NYMEX CRUDE OIL MACI INDEX TAS)</b>								
XCT	Spec		Increase	USD	2,363	1,750	3,038	2,250
XCT	Hedge/Member		Increase	USD	1,750	1,750	2,250	2,250
<b>Light Sweet Crude Oil (CL, CS, WS, 26) - Tier 3 vs. Tier 4 (NYMEX CRUDE OIL MACI INDEX)</b>								
XC	Spec		Increase	USD	473	350	608	450
XC	Hedge/Member		Increase	USD	350	350	450	450
<b>Light Sweet Crude Oil (CL, CS, WS, 26) - Tier 3 vs. Tier 4 (WTI CALENDAR SWAP)</b>								
CS	Spec		Increase	USD	2,363	1,750	3,038	2,250
CS	Hedge/Member		Increase	USD	1,750	1,750	2,250	2,250
<b>Light Sweet Crude Oil (CL, CS, WS, 26) - Tier 3 vs. Tier 4 (WTI CRUDE OIL FINANCIAL FUTURES)</b>								
WS	Spec		Increase	USD	2,363	1,750	3,038	2,250
WS	Hedge/Member		Increase	USD	1,750	1,750	2,250	2,250
<b>Light Sweet Crude Oil (CL, CS, WS, 26) - Tier 3 vs. Tier 5 (CRUDE OIL LAST DAY FINANCIAL FUT)</b>								
26	Spec		Increase	USD	2,700	2,000	3,375	2,500
26	Hedge/Member		Increase	USD	2,000	2,000	2,500	2,500
<b>Light Sweet Crude Oil (CL, CS, WS, 26) - Tier 3 vs. Tier 5 (CRUDE OIL FUTURE NYMEX)</b>								
CL	Spec		Increase	USD	2,700	2,000	3,375	2,500
CL	Hedge/Member		Increase	USD	2,000	2,000	2,500	2,500
<b>Light Sweet Crude Oil (CL, CS, WS, 26) - Tier 3 vs. Tier 5 (CRUDE OIL TRADE AT SETTLEMENT)</b>								
CLT	Spec		Increase	USD	2,700	2,000	3,375	2,500
CLT	Hedge/Member		Increase	USD	2,000	2,000	2,500	2,500
<b>Light Sweet Crude Oil (CL, CS, WS, 26) - Tier 3 vs. Tier 5 (E-MINI CRUDE OIL FUTURES)</b>								
QM	Spec		Increase	USD	1,350	1,000	1,688	1,250
QM	Hedge/Member		Increase	USD	1,000	1,000	1,250	1,250

## SPAN MINIMUM PERFORMANCE BOND REQUIREMENTS

CC	Rate Type	Description	Change	ISO	Current Initial	Current Maintenance	New Initial	New Maintenance
<b>Intra Spreads</b>								
<b>Light Sweet Crude Oil (CL, CS, WS, 26) - Tier 3 vs. Tier 5 (NYMEX CRUDE OIL MACI INDEX TAS)</b>								
XCT	Spec		Increase	USD	2,700	2,000	3,375	2,500
XCT	Hedge/Member		Increase	USD	2,000	2,000	2,500	2,500
<b>Light Sweet Crude Oil (CL, CS, WS, 26) - Tier 3 vs. Tier 5 (NYMEX CRUDE OIL MACI INDEX)</b>								
XC	Spec		Increase	USD	540	400	675	500
XC	Hedge/Member		Increase	USD	400	400	500	500
<b>Light Sweet Crude Oil (CL, CS, WS, 26) - Tier 3 vs. Tier 5 (WTI CALENDAR SWAP)</b>								
CS	Spec		Increase	USD	2,700	2,000	3,375	2,500
CS	Hedge/Member		Increase	USD	2,000	2,000	2,500	2,500
<b>Light Sweet Crude Oil (CL, CS, WS, 26) - Tier 3 vs. Tier 5 (WTI CRUDE OIL FINANCIAL FUTURES)</b>								
WS	Spec		Increase	USD	2,700	2,000	3,375	2,500
WS	Hedge/Member		Increase	USD	2,000	2,000	2,500	2,500
<b>Light Sweet Crude Oil (CL, CS, WS, 26) - Tier 3 vs. Tier 6 (CRUDE OIL LAST DAY FINANCIAL FUT)</b>								
26	Spec		Increase	USD	4,050	3,000	4,388	3,250
26	Hedge/Member		Increase	USD	3,000	3,000	3,250	3,250
<b>Light Sweet Crude Oil (CL, CS, WS, 26) - Tier 3 vs. Tier 6 (CRUDE OIL FUTURE NYMEX)</b>								
CL	Spec		Increase	USD	4,050	3,000	4,388	3,250
CL	Hedge/Member		Increase	USD	3,000	3,000	3,250	3,250
<b>Light Sweet Crude Oil (CL, CS, WS, 26) - Tier 3 vs. Tier 6 (CRUDE OIL TRADE AT SETTLEMENT)</b>								
CLT	Spec		Increase	USD	4,050	3,000	4,388	3,250
CLT	Hedge/Member		Increase	USD	3,000	3,000	3,250	3,250
<b>Light Sweet Crude Oil (CL, CS, WS, 26) - Tier 3 vs. Tier 6 (E-MINI CRUDE OIL FUTURES)</b>								
QM	Spec		Increase	USD	2,025	1,500	2,194	1,625
QM	Hedge/Member		Increase	USD	1,500	1,500	1,625	1,625
<b>Light Sweet Crude Oil (CL, CS, WS, 26) - Tier 3 vs. Tier 6 (NYMEX CRUDE OIL MACI INDEX TAS)</b>								
XCT	Spec		Increase	USD	4,050	3,000	4,388	3,250
XCT	Hedge/Member		Increase	USD	3,000	3,000	3,250	3,250
<b>Light Sweet Crude Oil (CL, CS, WS, 26) - Tier 3 vs. Tier 6 (NYMEX CRUDE OIL MACI INDEX)</b>								
XC	Spec		Increase	USD	810	600	878	650
XC	Hedge/Member		Increase	USD	600	600	650	650
<b>Light Sweet Crude Oil (CL, CS, WS, 26) - Tier 3 vs. Tier 6 (WTI CALENDAR SWAP)</b>								
CS	Spec		Increase	USD	4,050	3,000	4,388	3,250
CS	Hedge/Member		Increase	USD	3,000	3,000	3,250	3,250
<b>Light Sweet Crude Oil (CL, CS, WS, 26) - Tier 3 vs. Tier 6 (WTI CRUDE OIL FINANCIAL FUTURES)</b>								
WS	Spec		Increase	USD	4,050	3,000	4,388	3,250
WS	Hedge/Member		Increase	USD	3,000	3,000	3,250	3,250

## SPAN MINIMUM PERFORMANCE BOND REQUIREMENTS

CC	Rate Type	Description	Change	ISO	Current Initial	Current Maintenance	New Initial	New Maintenance
<b>Intra Spreads</b>								
<b>Light Sweet Crude Oil (CL, CS, WS, 26) - Tier 4 vs. Tier 4 (CRUDE OIL LAST DAY FINANCIAL FUT)</b>								
26	Spec		Increase	USD	1,013	750	1,350	1,000
26	Hedge/Member		Increase	USD	750	750	1,000	1,000
<b>Light Sweet Crude Oil (CL, CS, WS, 26) - Tier 4 vs. Tier 4 (CRUDE OIL FUTURE NYMEX)</b>								
CL	Spec		Increase	USD	1,013	750	1,350	1,000
CL	Hedge/Member		Increase	USD	750	750	1,000	1,000
<b>Light Sweet Crude Oil (CL, CS, WS, 26) - Tier 4 vs. Tier 4 (CRUDE OIL TRADE AT SETTLEMENT)</b>								
CLT	Spec		Increase	USD	1,013	750	1,350	1,000
CLT	Hedge/Member		Increase	USD	750	750	1,000	1,000
<b>Light Sweet Crude Oil (CL, CS, WS, 26) - Tier 4 vs. Tier 4 (E-MINI CRUDE OIL FUTURES)</b>								
QM	Spec		Increase	USD	506	375	675	500
QM	Hedge/Member		Increase	USD	375	375	500	500
<b>Light Sweet Crude Oil (CL, CS, WS, 26) - Tier 4 vs. Tier 4 (NYMEX CRUDE OIL MACI INDEX TAS)</b>								
XCT	Spec		Increase	USD	1,013	750	1,350	1,000
XCT	Hedge/Member		Increase	USD	750	750	1,000	1,000
<b>Light Sweet Crude Oil (CL, CS, WS, 26) - Tier 4 vs. Tier 4 (NYMEX CRUDE OIL MACI INDEX)</b>								
XC	Spec		Increase	USD	203	150	270	200
XC	Hedge/Member		Increase	USD	150	150	200	200
<b>Light Sweet Crude Oil (CL, CS, WS, 26) - Tier 4 vs. Tier 4 (WTI CALENDAR SWAP)</b>								
CS	Spec		Increase	USD	1,013	750	1,350	1,000
CS	Hedge/Member		Increase	USD	750	750	1,000	1,000
<b>Light Sweet Crude Oil (CL, CS, WS, 26) - Tier 4 vs. Tier 4 (WTI CRUDE OIL FINANCIAL FUTURES)</b>								
WS	Spec		Increase	USD	1,013	750	1,350	1,000
WS	Hedge/Member		Increase	USD	750	750	1,000	1,000
<b>Light Sweet Crude Oil (CL, CS, WS, 26) - Tier 4 vs. Tier 5 (CRUDE OIL LAST DAY FINANCIAL FUT)</b>								
26	Spec		Increase	USD	1,350	1,000	1,688	1,250
26	Hedge/Member		Increase	USD	1,000	1,000	1,250	1,250
<b>Light Sweet Crude Oil (CL, CS, WS, 26) - Tier 4 vs. Tier 5 (CRUDE OIL FUTURE NYMEX)</b>								
CL	Spec		Increase	USD	1,350	1,000	1,688	1,250
CL	Hedge/Member		Increase	USD	1,000	1,000	1,250	1,250
<b>Light Sweet Crude Oil (CL, CS, WS, 26) - Tier 4 vs. Tier 5 (CRUDE OIL TRADE AT SETTLEMENT)</b>								
CLT	Spec		Increase	USD	1,350	1,000	1,688	1,250
CLT	Hedge/Member		Increase	USD	1,000	1,000	1,250	1,250
<b>Light Sweet Crude Oil (CL, CS, WS, 26) - Tier 4 vs. Tier 5 (E-MINI CRUDE OIL FUTURES)</b>								
QM	Spec		Increase	USD	675	500	844	625
QM	Hedge/Member		Increase	USD	500	500	625	625



## SPAN MINIMUM PERFORMANCE BOND REQUIREMENTS

CC	Rate Type	Description	Change	ISO	Current Initial	Current Maintenance	New Initial	New Maintenance
<b>Intra Spreads</b>								
<b>Light Sweet Crude Oil (CL, CS, WS, 26) - Tier 4 vs. Tier 5 (NYMEX CRUDE OIL MACI INDEX TAS)</b>								
XCT	Spec		Increase	USD	1,350	1,000	1,688	1,250
XCT	Hedge/Member		Increase	USD	1,000	1,000	1,250	1,250
<b>Light Sweet Crude Oil (CL, CS, WS, 26) - Tier 4 vs. Tier 5 (NYMEX CRUDE OIL MACI INDEX)</b>								
XC	Spec		Increase	USD	270	200	338	250
XC	Hedge/Member		Increase	USD	200	200	250	250
<b>Light Sweet Crude Oil (CL, CS, WS, 26) - Tier 4 vs. Tier 5 (WTI CALENDAR SWAP)</b>								
CS	Spec		Increase	USD	1,350	1,000	1,688	1,250
CS	Hedge/Member		Increase	USD	1,000	1,000	1,250	1,250
<b>Light Sweet Crude Oil (CL, CS, WS, 26) - Tier 4 vs. Tier 5 (WTI CRUDE OIL FINANCIAL FUTURES)</b>								
WS	Spec		Increase	USD	1,350	1,000	1,688	1,250
WS	Hedge/Member		Increase	USD	1,000	1,000	1,250	1,250
<b>Light Sweet Crude Oil (CL, CS, WS, 26) - Tier 4 vs. Tier 6 (CRUDE OIL LAST DAY FINANCIAL FUT)</b>								
26	Spec		Increase	USD	2,363	1,750	2,700	2,000
26	Hedge/Member		Increase	USD	1,750	1,750	2,000	2,000
<b>Light Sweet Crude Oil (CL, CS, WS, 26) - Tier 4 vs. Tier 6 (CRUDE OIL FUTURE NYMEX)</b>								
CL	Spec		Increase	USD	2,363	1,750	2,700	2,000
CL	Hedge/Member		Increase	USD	1,750	1,750	2,000	2,000
<b>Light Sweet Crude Oil (CL, CS, WS, 26) - Tier 4 vs. Tier 6 (CRUDE OIL TRADE AT SETTLEMENT)</b>								
CLT	Spec		Increase	USD	2,363	1,750	2,700	2,000
CLT	Hedge/Member		Increase	USD	1,750	1,750	2,000	2,000
<b>Light Sweet Crude Oil (CL, CS, WS, 26) - Tier 4 vs. Tier 6 (E-MINI CRUDE OIL FUTURES)</b>								
QM	Spec		Increase	USD	1,181	875	1,350	1,000
QM	Hedge/Member		Increase	USD	875	875	1,000	1,000
<b>Light Sweet Crude Oil (CL, CS, WS, 26) - Tier 4 vs. Tier 6 (NYMEX CRUDE OIL MACI INDEX TAS)</b>								
XCT	Spec		Increase	USD	2,363	1,750	2,700	2,000
XCT	Hedge/Member		Increase	USD	1,750	1,750	2,000	2,000
<b>Light Sweet Crude Oil (CL, CS, WS, 26) - Tier 4 vs. Tier 6 (NYMEX CRUDE OIL MACI INDEX)</b>								
XC	Spec		Increase	USD	473	350	540	400
XC	Hedge/Member		Increase	USD	350	350	400	400
<b>Light Sweet Crude Oil (CL, CS, WS, 26) - Tier 4 vs. Tier 6 (WTI CALENDAR SWAP)</b>								
CS	Spec		Increase	USD	2,363	1,750	2,700	2,000
CS	Hedge/Member		Increase	USD	1,750	1,750	2,000	2,000
<b>Light Sweet Crude Oil (CL, CS, WS, 26) - Tier 4 vs. Tier 6 (WTI CRUDE OIL FINANCIAL FUTURES)</b>								
WS	Spec		Increase	USD	2,363	1,750	2,700	2,000
WS	Hedge/Member		Increase	USD	1,750	1,750	2,000	2,000

## SPAN MINIMUM PERFORMANCE BOND REQUIREMENTS

CC	Rate Type	Description	Change	ISO	Current Initial	Current Maintenance	New Initial	New Maintenance
<b>Intra Spreads</b>								
<b>Light Sweet Crude Oil (CL, CS, WS, 26) - Tier 6 vs. Tier 6 (CRUDE OIL LAST DAY FINANCIAL FUT)</b>								
26	Spec		Increase	USD	1,350	1,000	1,688	1,250
26	Hedge/Member		Increase	USD	1,000	1,000	1,250	1,250
<b>Light Sweet Crude Oil (CL, CS, WS, 26) - Tier 6 vs. Tier 6 (CRUDE OIL FUTURE NYMEX)</b>								
CL	Spec		Increase	USD	1,350	1,000	1,688	1,250
CL	Hedge/Member		Increase	USD	1,000	1,000	1,250	1,250
<b>Light Sweet Crude Oil (CL, CS, WS, 26) - Tier 6 vs. Tier 6 (CRUDE OIL TRADE AT SETTLEMENT)</b>								
CLT	Spec		Increase	USD	1,350	1,000	1,688	1,250
CLT	Hedge/Member		Increase	USD	1,000	1,000	1,250	1,250
<b>Light Sweet Crude Oil (CL, CS, WS, 26) - Tier 6 vs. Tier 6 (E-MINI CRUDE OIL FUTURES)</b>								
QM	Spec		Increase	USD	675	500	844	625
QM	Hedge/Member		Increase	USD	500	500	625	625
<b>Light Sweet Crude Oil (CL, CS, WS, 26) - Tier 6 vs. Tier 6 (NYMEX CRUDE OIL MACI INDEX TAS)</b>								
XCT	Spec		Increase	USD	1,350	1,000	1,688	1,250
XCT	Hedge/Member		Increase	USD	1,000	1,000	1,250	1,250
<b>Light Sweet Crude Oil (CL, CS, WS, 26) - Tier 6 vs. Tier 6 (NYMEX CRUDE OIL MACI INDEX)</b>								
XC	Spec		Increase	USD	270	200	338	250
XC	Hedge/Member		Increase	USD	200	200	250	250
<b>Light Sweet Crude Oil (CL, CS, WS, 26) - Tier 6 vs. Tier 6 (WTI CALENDAR SWAP)</b>								
CS	Spec		Increase	USD	1,350	1,000	1,688	1,250
CS	Hedge/Member		Increase	USD	1,000	1,000	1,250	1,250
<b>Light Sweet Crude Oil (CL, CS, WS, 26) - Tier 6 vs. Tier 6 (WTI CRUDE OIL FINANCIAL FUTURES)</b>								
WS	Spec		Increase	USD	1,350	1,000	1,688	1,250
WS	Hedge/Member		Increase	USD	1,000	1,000	1,250	1,250

## SPAN MINIMUM PERFORMANCE BOND REQUIREMENTS

CC	Rate Type	Description	Change	ISO	Current Initial	Current Maintenance	New Initial	New Maintenance
<b>Intra Spreads</b>								
<b>REFINED PRODUCTS - Intra Spreads</b>								
<b>NY Harbor RBOB Gasoline (RB, RT, RL, 27) - Tier 1 vs. Tier 2 (E-MINI GASOLINE FUTURES)</b>								
QU	Spec		Increase	USD	675	500	844	625
QU	Hedge/Member		Increase	USD	500	500	625	625
<b>NY Harbor RBOB Gasoline (RB, RT, RL, 27) - Tier 1 vs. Tier 2 (NYMEX RBOB GASOLINE FUTURES)</b>								
RT	Spec		Increase	USD	1,350	1,000	1,688	1,250
RT	Hedge/Member		Increase	USD	1,000	1,000	1,250	1,250
<b>NY Harbor RBOB Gasoline (RB, RT, RL, 27) - Tier 1 vs. Tier 2 (RBOB CALENDAR SWAP FUTURE)</b>								
RL	Spec		Increase	USD	1,350	1,000	1,688	1,250
RL	Hedge/Member		Increase	USD	1,000	1,000	1,250	1,250
<b>NY Harbor RBOB Gasoline (RB, RT, RL, 27) - Tier 1 vs. Tier 2 (RBOB GASOLINE FUTURES)</b>								
RB	Spec		Increase	USD	1,350	1,000	1,688	1,250
RB	Hedge/Member		Increase	USD	1,000	1,000	1,250	1,250
<b>NY Harbor RBOB Gasoline (RB, RT, RL, 27) - Tier 1 vs. Tier 2 (RBOB LAST DAY FINANCIAL FUTURES)</b>								
27	Spec		Increase	USD	1,350	1,000	1,688	1,250
27	Hedge/Member		Increase	USD	1,000	1,000	1,250	1,250
<b>NY Harbor RBOB Gasoline (RB, RT, RL, 27) - Tier 1 vs. Tier 2 (RBOB TRADE AT SETTLEMENT)</b>								
RBT	Spec		Increase	USD	1,350	1,000	1,688	1,250
RBT	Hedge/Member		Increase	USD	1,000	1,000	1,250	1,250
<b>NY Harbor RBOB Gasoline (RB, RT, RL, 27) - Tier 1 vs. Tier 3 (E-MINI GASOLINE FUTURES)</b>								
QU	Spec		Increase	USD	675	500	1,181	875
QU	Hedge/Member		Increase	USD	500	500	875	875
<b>NY Harbor RBOB Gasoline (RB, RT, RL, 27) - Tier 1 vs. Tier 3 (NYMEX RBOB GASOLINE FUTURES)</b>								
RT	Spec		Increase	USD	1,350	1,000	2,363	1,750
RT	Hedge/Member		Increase	USD	1,000	1,000	1,750	1,750
<b>NY Harbor RBOB Gasoline (RB, RT, RL, 27) - Tier 1 vs. Tier 3 (RBOB CALENDAR SWAP FUTURE)</b>								
RL	Spec		Increase	USD	1,350	1,000	2,363	1,750
RL	Hedge/Member		Increase	USD	1,000	1,000	1,750	1,750
<b>NY Harbor RBOB Gasoline (RB, RT, RL, 27) - Tier 1 vs. Tier 3 (RBOB GASOLINE FUTURES)</b>								
RB	Spec		Increase	USD	1,350	1,000	2,363	1,750
RB	Hedge/Member		Increase	USD	1,000	1,000	1,750	1,750
<b>NY Harbor RBOB Gasoline (RB, RT, RL, 27) - Tier 1 vs. Tier 3 (RBOB LAST DAY FINANCIAL FUTURES)</b>								
27	Spec		Increase	USD	1,350	1,000	2,363	1,750
27	Hedge/Member		Increase	USD	1,000	1,000	1,750	1,750
<b>NY Harbor RBOB Gasoline (RB, RT, RL, 27) - Tier 1 vs. Tier 3 (RBOB TRADE AT SETTLEMENT)</b>								
RBT	Spec		Increase	USD	1,350	1,000	2,363	1,750
RBT	Hedge/Member		Increase	USD	1,000	1,000	1,750	1,750

## SPAN MINIMUM PERFORMANCE BOND REQUIREMENTS

CC	Rate Type	Description	Change	ISO	Current Initial	Current Maintenance	New Initial	New Maintenance
<b>Intra Spreads</b>								
<b>NY Harbor RBOB Gasoline (RB, RT, RL, 27) - Tier 1 vs. Tier 4 (E-MINI GASOLINE FUTURES)</b>								
QU	Spec		Increase	USD	1,013	750	1,688	1,250
QU	Hedge/Member		Increase	USD	750	750	1,250	1,250
<b>NY Harbor RBOB Gasoline (RB, RT, RL, 27) - Tier 1 vs. Tier 4 (NYMEX RBOB GASOLINE FUTURES)</b>								
RT	Spec		Increase	USD	2,025	1,500	3,375	2,500
RT	Hedge/Member		Increase	USD	1,500	1,500	2,500	2,500
<b>NY Harbor RBOB Gasoline (RB, RT, RL, 27) - Tier 1 vs. Tier 4 (RBOB CALENDAR SWAP FUTURE)</b>								
RL	Spec		Increase	USD	2,025	1,500	3,375	2,500
RL	Hedge/Member		Increase	USD	1,500	1,500	2,500	2,500
<b>NY Harbor RBOB Gasoline (RB, RT, RL, 27) - Tier 1 vs. Tier 4 (RBOB GASOLINE FUTURES)</b>								
RB	Spec		Increase	USD	2,025	1,500	3,375	2,500
RB	Hedge/Member		Increase	USD	1,500	1,500	2,500	2,500
<b>NY Harbor RBOB Gasoline (RB, RT, RL, 27) - Tier 1 vs. Tier 4 (RBOB LAST DAY FINANCIAL FUTURES)</b>								
27	Spec		Increase	USD	2,025	1,500	3,375	2,500
27	Hedge/Member		Increase	USD	1,500	1,500	2,500	2,500
<b>NY Harbor RBOB Gasoline (RB, RT, RL, 27) - Tier 1 vs. Tier 4 (RBOB TRADE AT SETTLEMENT)</b>								
RBT	Spec		Increase	USD	2,025	1,500	3,375	2,500
RBT	Hedge/Member		Increase	USD	1,500	1,500	2,500	2,500
<b>NY Harbor RBOB Gasoline (RB, RT, RL, 27) - Tier 2 vs. Tier 3 (E-MINI GASOLINE FUTURES)</b>								
QU	Spec		Increase	USD	338	250	844	625
QU	Hedge/Member		Increase	USD	250	250	625	625
<b>NY Harbor RBOB Gasoline (RB, RT, RL, 27) - Tier 2 vs. Tier 3 (NYMEX RBOB GASOLINE FUTURES)</b>								
RT	Spec		Increase	USD	675	500	1,688	1,250
RT	Hedge/Member		Increase	USD	500	500	1,250	1,250
<b>NY Harbor RBOB Gasoline (RB, RT, RL, 27) - Tier 2 vs. Tier 3 (RBOB CALENDAR SWAP FUTURE)</b>								
RL	Spec		Increase	USD	675	500	1,688	1,250
RL	Hedge/Member		Increase	USD	500	500	1,250	1,250
<b>NY Harbor RBOB Gasoline (RB, RT, RL, 27) - Tier 2 vs. Tier 3 (RBOB GASOLINE FUTURES)</b>								
RB	Spec		Increase	USD	675	500	1,688	1,250
RB	Hedge/Member		Increase	USD	500	500	1,250	1,250
<b>NY Harbor RBOB Gasoline (RB, RT, RL, 27) - Tier 2 vs. Tier 3 (RBOB LAST DAY FINANCIAL FUTURES)</b>								
27	Spec		Increase	USD	675	500	1,688	1,250
27	Hedge/Member		Increase	USD	500	500	1,250	1,250
<b>NY Harbor RBOB Gasoline (RB, RT, RL, 27) - Tier 2 vs. Tier 3 (RBOB TRADE AT SETTLEMENT)</b>								
RBT	Spec		Increase	USD	675	500	1,688	1,250
RBT	Hedge/Member		Increase	USD	500	500	1,250	1,250

## SPAN MINIMUM PERFORMANCE BOND REQUIREMENTS

CC	Rate Type	Description	Change	ISO	Current Initial	Current Maintenance	New Initial	New Maintenance
<b>Intra Spreads</b>								
<b>NY Harbor RBOB Gasoline (RB, RT, RL, 27) - Tier 2 vs. Tier 4 (E-MINI GASOLINE FUTURES)</b>								
QU	Spec		Increase	USD	844	625	1,519	1,125
QU	Hedge/Member		Increase	USD	625	625	1,125	1,125
<b>NY Harbor RBOB Gasoline (RB, RT, RL, 27) - Tier 2 vs. Tier 4 (NYMEX RBOB GASOLINE FUTURES)</b>								
RT	Spec		Increase	USD	1,688	1,250	3,038	2,250
RT	Hedge/Member		Increase	USD	1,250	1,250	2,250	2,250
<b>NY Harbor RBOB Gasoline (RB, RT, RL, 27) - Tier 2 vs. Tier 4 (RBOB CALENDAR SWAP FUTURE)</b>								
RL	Spec		Increase	USD	1,688	1,250	3,038	2,250
RL	Hedge/Member		Increase	USD	1,250	1,250	2,250	2,250
<b>NY Harbor RBOB Gasoline (RB, RT, RL, 27) - Tier 2 vs. Tier 4 (RBOB GASOLINE FUTURES)</b>								
RB	Spec		Increase	USD	1,688	1,250	3,038	2,250
RB	Hedge/Member		Increase	USD	1,250	1,250	2,250	2,250
<b>NY Harbor RBOB Gasoline (RB, RT, RL, 27) - Tier 2 vs. Tier 4 (RBOB LAST DAY FINANCIAL FUTURES)</b>								
27	Spec		Increase	USD	1,688	1,250	3,038	2,250
27	Hedge/Member		Increase	USD	1,250	1,250	2,250	2,250
<b>NY Harbor RBOB Gasoline (RB, RT, RL, 27) - Tier 2 vs. Tier 4 (RBOB TRADE AT SETTLEMENT)</b>								
RBT	Spec		Increase	USD	1,688	1,250	3,038	2,250
RBT	Hedge/Member		Increase	USD	1,250	1,250	2,250	2,250
<b>NY Harbor RBOB Gasoline (RB, RT, RL, 27) - Tier 3 vs. Tier 3 (E-MINI GASOLINE FUTURES)</b>								
QU	Spec		Increase	USD	405	300	675	500
QU	Hedge/Member		Increase	USD	300	300	500	500
<b>NY Harbor RBOB Gasoline (RB, RT, RL, 27) - Tier 3 vs. Tier 3 (NYMEX RBOB GASOLINE FUTURES)</b>								
RT	Spec		Increase	USD	810	600	1,350	1,000
RT	Hedge/Member		Increase	USD	600	600	1,000	1,000
<b>NY Harbor RBOB Gasoline (RB, RT, RL, 27) - Tier 3 vs. Tier 3 (RBOB CALENDAR SWAP FUTURE)</b>								
RL	Spec		Increase	USD	810	600	1,350	1,000
RL	Hedge/Member		Increase	USD	600	600	1,000	1,000
<b>NY Harbor RBOB Gasoline (RB, RT, RL, 27) - Tier 3 vs. Tier 3 (RBOB GASOLINE FUTURES)</b>								
RB	Spec		Increase	USD	810	600	1,350	1,000
RB	Hedge/Member		Increase	USD	600	600	1,000	1,000
<b>NY Harbor RBOB Gasoline (RB, RT, RL, 27) - Tier 3 vs. Tier 3 (RBOB LAST DAY FINANCIAL FUTURES)</b>								
27	Spec		Increase	USD	810	600	1,350	1,000
27	Hedge/Member		Increase	USD	600	600	1,000	1,000
<b>NY Harbor RBOB Gasoline (RB, RT, RL, 27) - Tier 3 vs. Tier 3 (RBOB TRADE AT SETTLEMENT)</b>								
RBT	Spec		Increase	USD	810	600	1,350	1,000
RBT	Hedge/Member		Increase	USD	600	600	1,000	1,000

## SPAN MINIMUM PERFORMANCE BOND REQUIREMENTS

CC	Rate Type	Description	Change	ISO	Current Initial	Current Maintenance	New Initial	New Maintenance
<b>Intra Spreads</b>								
<b>NY Harbor RBOB Gasoline (RB, RT, RL, 27) - Tier 3 vs. Tier 4 (E-MINI GASOLINE FUTURES)</b>								
QU	Spec		Increase	USD	169	125	844	625
QU	Hedge/Member		Increase	USD	125	125	625	625
<b>NY Harbor RBOB Gasoline (RB, RT, RL, 27) - Tier 3 vs. Tier 4 (NYMEX RBOB GASOLINE FUTURES)</b>								
RT	Spec		Increase	USD	338	250	1,688	1,250
RT	Hedge/Member		Increase	USD	250	250	1,250	1,250
<b>NY Harbor RBOB Gasoline (RB, RT, RL, 27) - Tier 3 vs. Tier 4 (RBOB CALENDAR SWAP FUTURE)</b>								
RL	Spec		Increase	USD	338	250	1,688	1,250
RL	Hedge/Member		Increase	USD	250	250	1,250	1,250
<b>NY Harbor RBOB Gasoline (RB, RT, RL, 27) - Tier 3 vs. Tier 4 (RBOB GASOLINE FUTURES)</b>								
RB	Spec		Increase	USD	338	250	1,688	1,250
RB	Hedge/Member		Increase	USD	250	250	1,250	1,250
<b>NY Harbor RBOB Gasoline (RB, RT, RL, 27) - Tier 3 vs. Tier 4 (RBOB LAST DAY FINANCIAL FUTURES)</b>								
27	Spec		Increase	USD	338	250	1,688	1,250
27	Hedge/Member		Increase	USD	250	250	1,250	1,250
<b>NY Harbor RBOB Gasoline (RB, RT, RL, 27) - Tier 3 vs. Tier 4 (RBOB TRADE AT SETTLEMENT)</b>								
RBT	Spec		Increase	USD	338	250	1,688	1,250
RBT	Hedge/Member		Increase	USD	250	250	1,250	1,250
<b>NY Harbor RBOB Gasoline (RB, RT, RL, 27) - Tier 4 vs. Tier 4 (E-MINI GASOLINE FUTURES)</b>								
QU	Spec		Increase	USD	675	500	1,181	875
QU	Hedge/Member		Increase	USD	500	500	875	875
<b>NY Harbor RBOB Gasoline (RB, RT, RL, 27) - Tier 4 vs. Tier 4 (NYMEX RBOB GASOLINE FUTURES)</b>								
RT	Spec		Increase	USD	1,350	1,000	2,363	1,750
RT	Hedge/Member		Increase	USD	1,000	1,000	1,750	1,750
<b>NY Harbor RBOB Gasoline (RB, RT, RL, 27) - Tier 4 vs. Tier 4 (RBOB CALENDAR SWAP FUTURE)</b>								
RL	Spec		Increase	USD	1,350	1,000	2,363	1,750
RL	Hedge/Member		Increase	USD	1,000	1,000	1,750	1,750
<b>NY Harbor RBOB Gasoline (RB, RT, RL, 27) - Tier 4 vs. Tier 4 (RBOB GASOLINE FUTURES)</b>								
RB	Spec		Increase	USD	1,350	1,000	2,363	1,750
RB	Hedge/Member		Increase	USD	1,000	1,000	1,750	1,750
<b>NY Harbor RBOB Gasoline (RB, RT, RL, 27) - Tier 4 vs. Tier 4 (RBOB LAST DAY FINANCIAL FUTURES)</b>								
27	Spec		Increase	USD	1,350	1,000	2,363	1,750
27	Hedge/Member		Increase	USD	1,000	1,000	1,750	1,750
<b>NY Harbor RBOB Gasoline (RB, RT, RL, 27) - Tier 4 vs. Tier 4 (RBOB TRADE AT SETTLEMENT)</b>								
RBT	Spec		Increase	USD	1,350	1,000	2,363	1,750
RBT	Hedge/Member		Increase	USD	1,000	1,000	1,750	1,750

## SPAN MINIMUM PERFORMANCE BOND REQUIREMENTS

Rate Type	Change	Ratio	Current Initial	Current Maintenance	New Initial	New Maintenance
<b>Inter-commodity Spread Rates</b>						
<b>METALS - Inter-commodity Spread Rates</b>						
<b>COMEX COPPER (CMX-HG - CME) vs COMEX SILVER (CMX-SI - CME)</b>						
Spread Credit Rate	Decrease	+1:-1	50%	50%	35%	35%
<b>COMEX COPPER (CMX-HG - CME) vs PLATINUM FUTURES (NYM-PL - CME)</b>						
Spread Credit Rate	Decrease	+1:-1	55%	55%	50%	50%
<b>COMEX GOLD (CMX-GC - CME) vs COMEX SILVER (CMX-SI - CME)</b>						
Spread Credit Rate	Decrease	+2:-3	50%	50%	30%	30%
<b>COMEX SILVER (CMX-SI - CME) vs PALLADIUM (NYM-PA - CME)</b>						
Spread Credit Rate	Decrease	+2:-1	55%	55%	45%	45%
<b>COMEX SILVER (CMX-SI - CME) vs PLATINUM FUTURES (NYM-PL - CME)</b>						
Spread Credit Rate	Decrease	+4:-3	45%	45%	30%	30%
<b>NGL/PETROCHEMICALS - Inter-commodity Spread Rates</b>						
<b>RBOB GASOLINE FUTURES (NY-RB, RL, RT) vs CONWAY PROPANE 5 DECIMALS (OPIS) SWAP FUTURES (NY-8K - CME)</b>						
Spread Credit Rate	Decrease	+1:-1	50%	50%	40%	40%
<b>RBOB GASOLINE FUTURES (NY-RB, RL, RT) vs MONT BELVIEU ETHANE 5 DECIMALS (OPIS) SWAP FUTURES (NY-C0 - CME)</b>						
Spread Credit Rate	Decrease	+1:-1	40%	40%	30%	30%
<b>RBOB GASOLINE FUTURES (NY-RB, RL, RT) vs MONT BELVIEU LDH PROPANE 5 DECIMALS (OPIS) SWAP FUTURES (NY-B0 - CME)</b>						
Spread Credit Rate	Decrease	+1:-1	60%	60%	45%	45%
<b>RBOB GASOLINE FUTURES (NY-RB, RL, RT) vs PROPANE NON-LDH MONT BELVIEU (OPIS) SWAP FUTURES (NY-1R - CME)</b>						
Spread Credit Rate	Decrease	+1:-1	60%	60%	45%	45%

## SPAN MINIMUM PERFORMANCE BOND REQUIREMENTS

Rate Type	Change	Ratio	Current Initial	Current Maintenance	New Initial	New Maintenance
<b>Inter-commodity Spread Rates</b>						
<b>REFINED PRODUCTS - Inter-commodity Spread Rates</b>						
<b>GASOLINE EURO-BOB OXY (ARGUS) NWE BARGES SWAP FUTURES (NY-7H - CME) vs EUROPEAN NAPHTHA (PLATTS) CALENDAR SWAP FUTURES (NY-UN - CME)</b>						
Spread Credit Rate	Increase	+1:-1	45%	45%	65%	65%
<b>NY HARBOR RBOB (BLENDSTOCK) GAS (NYM-RB, RT, RL) vs EUROPEAN GASOIL (ICE) CALENDAR SWAP (NYM-GX - CME)</b>						
Spread Credit Rate	Decrease	+2:-15	60%	60%	50%	50%
<b>RBOB GASOLINE FUTURES (NY-RB, RL, RT) vs CONWAY PROPANE 5 DECIMALS (OPIS) SWAP FUTURES (NY-8K - CME)</b>						
Spread Credit Rate	Decrease	+1:-1	50%	50%	40%	40%
<b>RBOB GASOLINE FUTURES (NY-RB, RL, RT) vs EUROPEAN GASOIL (ICE) SWAP FUTURES (NY-GX, BG)</b>						
Spread Credit Rate	Decrease	+2:-15	60%	60%	50%	50%
<b>RBOB GASOLINE FUTURES (NY-RB, RL, RT) vs MONT BELVIEU ETHANE 5 DECIMALS (OPIS) SWAP FUTURES (NY-C0 - CME)</b>						
Spread Credit Rate	Decrease	+1:-1	40%	40%	30%	30%
<b>RBOB GASOLINE FUTURES (NY-RB, RL, RT) vs MONT BELVIEU LDH PROPANE 5 DECIMALS (OPIS) SWAP FUTURES (NY-B0 - CME)</b>						
Spread Credit Rate	Decrease	+1:-1	60%	60%	45%	45%
<b>RBOB GASOLINE FUTURES (NY-RB, RL, RT) vs PROPANE NON-LDH MONT BELVIEU (OPIS) SWAP FUTURES (NY-1R - CME)</b>						
Spread Credit Rate	Decrease	+1:-1	60%	60%	45%	45%