



11-441

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

FROM: CME Clearing

SUBJECT: Performance Bond Requirements

DATE: Thursday, December 08, 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, December 12, 2011.**

Current rates as of:

**Thursday, December 08, 2011.**

## SPAN MINIMUM PERFORMANCE BOND REQUIREMENTS

CC	Rate Type	Description	Change	ISO	Current Initial	Current Maintenance	New Initial	New Maintenance
<b>Outright Rates</b>								
<b>COAL - Outright Rates</b>								
<b>WESTERN RAIL DELIVERY PRB COAL SWAP (QP)</b>								
QP	Spec	All Months	Increase	USD	660	600	825	750
QP	Hedge/Member	All Months	Increase	USD	600	600	750	750
<b>CRUDE OIL - Outright Rates</b>								
<b>BRENT CALENDAR SWAP (CY)</b>								
CY	Spec	Mnth 17+	Decrease	USD	7,763	5,750	6,750	5,000
CY	Hedge/Member	Mnth 17+	Decrease	USD	5,750	5,750	5,000	5,000
<b>BRENT CRUDE TAM LONDON (BZL)</b>								
BZL	Spec	Mnth 1	Decrease	USD	9,113	6,750	8,100	6,000
BZL	Hedge/Member	Mnth 1	Decrease	USD	6,750	6,750	6,000	6,000
BZL	Spec	Mnth 2-4	Decrease	USD	8,775	6,500	7,763	5,750
BZL	Hedge/Member	Mnth 2-4	Decrease	USD	6,500	6,500	5,750	5,750
BZL	Spec	Mnth 5-16	Decrease	USD	8,100	6,000	7,088	5,250
BZL	Hedge/Member	Mnth 5-16	Decrease	USD	6,000	6,000	5,250	5,250
BZL	Spec	Mnth 17+	Decrease	USD	7,763	5,750	6,750	5,000
BZL	Hedge/Member	Mnth 17+	Decrease	USD	5,750	5,750	5,000	5,000
<b>BRENT CRUDE TAM SINGAPORE (BZS)</b>								
BZS	Spec	Mnth 1	Decrease	USD	9,113	6,750	8,100	6,000
BZS	Hedge/Member	Mnth 1	Decrease	USD	6,750	6,750	6,000	6,000
BZS	Spec	Mnth 2-4	Decrease	USD	8,775	6,500	7,763	5,750
BZS	Hedge/Member	Mnth 2-4	Decrease	USD	6,500	6,500	5,750	5,750
BZS	Spec	Mnth 5-16	Decrease	USD	8,100	6,000	7,088	5,250
BZS	Hedge/Member	Mnth 5-16	Decrease	USD	6,000	6,000	5,250	5,250
BZS	Spec	Mnth 17+	Decrease	USD	7,763	5,750	6,750	5,000
BZS	Hedge/Member	Mnth 17+	Decrease	USD	5,750	5,750	5,000	5,000
<b>BRENT FIN TRAD AT SETTLE FUTURES (BBT)</b>								
BBT	Spec	Mnth 1	Decrease	USD	9,113	6,750	8,100	6,000
BBT	Hedge/Member	Mnth 1	Decrease	USD	6,750	6,750	6,000	6,000
BBT	Spec	Mnth 2-4	Decrease	USD	8,775	6,500	7,763	5,750
BBT	Hedge/Member	Mnth 2-4	Decrease	USD	6,500	6,500	5,750	5,750
BBT	Spec	Mnth 5-16	Decrease	USD	8,100	6,000	7,088	5,250
BBT	Hedge/Member	Mnth 5-16	Decrease	USD	6,000	6,000	5,250	5,250
BBT	Spec	Mnth 17+	Decrease	USD	7,763	5,750	6,750	5,000
BBT	Hedge/Member	Mnth 17+	Decrease	USD	5,750	5,750	5,000	5,000
<b>BRENT FINANCIAL FUTURES (BB)</b>								
BB	Spec	Mnth 1	Decrease	USD	9,113	6,750	8,100	6,000

## SPAN MINIMUM PERFORMANCE BOND REQUIREMENTS

CC	Rate Type	Description	Change	ISO	Current Initial	Current Maintenance	New Initial	New Maintenance
<b>Outright Rates</b>								
BB	Hedge/Member	Mnth 1	Decrease	USD	6,750	6,750	6,000	6,000
BB	Spec	Mnth 2-4	Decrease	USD	8,775	6,500	7,763	5,750
BB	Hedge/Member	Mnth 2-4	Decrease	USD	6,500	6,500	5,750	5,750
BB	Spec	Mnth 5-16	Decrease	USD	8,100	6,000	7,088	5,250
BB	Hedge/Member	Mnth 5-16	Decrease	USD	6,000	6,000	5,250	5,250
BB	Spec	Mnth 17+	Decrease	USD	7,763	5,750	6,750	5,000
BB	Hedge/Member	Mnth 17+	Decrease	USD	5,750	5,750	5,000	5,000
<b>BRENT LAST DAY CONTRACT (BZ)</b>								
BZ	Spec	Mnth 1	Decrease	USD	9,113	6,750	8,100	6,000
BZ	Hedge/Member	Mnth 1	Decrease	USD	6,750	6,750	6,000	6,000
BZ	Spec	Mnth 2-4	Decrease	USD	8,775	6,500	7,763	5,750
BZ	Hedge/Member	Mnth 2-4	Decrease	USD	6,500	6,500	5,750	5,750
BZ	Spec	Mnth 5-16	Decrease	USD	8,100	6,000	7,088	5,250
BZ	Hedge/Member	Mnth 5-16	Decrease	USD	6,000	6,000	5,250	5,250
BZ	Spec	Mnth 17+	Decrease	USD	7,763	5,750	6,750	5,000
BZ	Hedge/Member	Mnth 17+	Decrease	USD	5,750	5,750	5,000	5,000
<b>BRENT LAST DAYTRADE AT SETTLEMENT (BZT)</b>								
BZT	Spec	Mnth 1	Decrease	USD	9,113	6,750	8,100	6,000
BZT	Hedge/Member	Mnth 1	Decrease	USD	6,750	6,750	6,000	6,000
BZT	Spec	Mnth 2-4	Decrease	USD	8,775	6,500	7,763	5,750
BZT	Hedge/Member	Mnth 2-4	Decrease	USD	6,500	6,500	5,750	5,750
BZT	Spec	Mnth 5-16	Decrease	USD	8,100	6,000	7,088	5,250
BZT	Hedge/Member	Mnth 5-16	Decrease	USD	6,000	6,000	5,250	5,250
BZT	Spec	Mnth 17+	Decrease	USD	7,763	5,750	6,750	5,000
BZT	Hedge/Member	Mnth 17+	Decrease	USD	5,750	5,750	5,000	5,000

## 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

#### CRUDE OIL LAST DAY FINANCIAL FUT (26)

26	Spec	Mnth 1	Decrease	USD	8,100	6,000	7,560	5,600
26	Hedge/Member	Mnth 1	Decrease	USD	6,000	6,000	5,600	5,600
26	Spec	Mnth 2-4	Decrease	USD	7,763	5,750	7,223	5,350
26	Hedge/Member	Mnth 2-4	Decrease	USD	5,750	5,750	5,350	5,350
26	Spec	Mnth 5-10	Decrease	USD	7,425	5,500	6,885	5,100
26	Hedge/Member	Mnth 5-10	Decrease	USD	5,500	5,500	5,100	5,100
26	Spec	Mnth 11-18	Decrease	USD	7,088	5,250	6,548	4,850
26	Hedge/Member	Mnth 11-18	Decrease	USD	5,250	5,250	4,850	4,850
26	Spec	Mnth 19-28	Decrease	USD	6,750	5,000	6,210	4,600
26	Hedge/Member	Mnth 19-28	Decrease	USD	5,000	5,000	4,600	4,600
26	Spec	Mnth 29-40	Decrease	USD	6,750	5,000	6,210	4,600
26	Hedge/Member	Mnth 29-40	Decrease	USD	5,000	5,000	4,600	4,600
26	Spec	Mnth 41+	Decrease	USD	6,750	5,000	6,210	4,600
26	Hedge/Member	Mnth 41+	Decrease	USD	5,000	5,000	4,600	4,600

#### CRUDE OIL FINANCIAL FUTURES (WS)

WS	Spec	Mnth 1	Decrease	USD	8,100	6,000	7,560	5,600
WS	Hedge/Member	Mnth 1	Decrease	USD	6,000	6,000	5,600	5,600
WS	Spec	Mnth 2-4	Decrease	USD	7,763	5,750	7,223	5,350
WS	Hedge/Member	Mnth 2-4	Decrease	USD	5,750	5,750	5,350	5,350
WS	Spec	Mnth 5-10	Decrease	USD	7,425	5,500	6,885	5,100
WS	Hedge/Member	Mnth 5-10	Decrease	USD	5,500	5,500	5,100	5,100
WS	Spec	Mnth 11-18	Decrease	USD	7,088	5,250	6,548	4,850
WS	Hedge/Member	Mnth 11-18	Decrease	USD	5,250	5,250	4,850	4,850
WS	Spec	Mnth 19-28	Decrease	USD	6,750	5,000	6,210	4,600
WS	Hedge/Member	Mnth 19-28	Decrease	USD	5,000	5,000	4,600	4,600
WS	Spec	Mnth 29-40	Decrease	USD	6,750	5,000	6,210	4,600
WS	Hedge/Member	Mnth 29-40	Decrease	USD	5,000	5,000	4,600	4,600
WS	Spec	Mnth 41+	Decrease	USD	6,750	5,000	6,210	4,600
WS	Hedge/Member	Mnth 41+	Decrease	USD	5,000	5,000	4,600	4,600

## 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

#### CRUDE OIL FUTURE NYMEX (CL)

CL	Spec	Mnth 1	Decrease	USD	8,100	6,000	7,560	5,600
CL	Hedge/Member	Mnth 1	Decrease	USD	6,000	6,000	5,600	5,600
CL	Spec	Mnth 2-4	Decrease	USD	7,763	5,750	7,223	5,350
CL	Hedge/Member	Mnth 2-4	Decrease	USD	5,750	5,750	5,350	5,350
CL	Spec	Mnth 5-10	Decrease	USD	7,425	5,500	6,885	5,100
CL	Hedge/Member	Mnth 5-10	Decrease	USD	5,500	5,500	5,100	5,100
CL	Spec	Mnth 11-18	Decrease	USD	7,088	5,250	6,548	4,850
CL	Hedge/Member	Mnth 11-18	Decrease	USD	5,250	5,250	4,850	4,850
CL	Spec	Mnth 19-28	Decrease	USD	6,750	5,000	6,210	4,600
CL	Hedge/Member	Mnth 19-28	Decrease	USD	5,000	5,000	4,600	4,600
CL	Spec	Mnth 29-40	Decrease	USD	6,750	5,000	6,210	4,600
CL	Hedge/Member	Mnth 29-40	Decrease	USD	5,000	5,000	4,600	4,600
CL	Spec	Mnth 41+	Decrease	USD	6,750	5,000	6,210	4,600
CL	Hedge/Member	Mnth 41+	Decrease	USD	5,000	5,000	4,600	4,600

#### CRUDE OIL TRADE AT MARKER LONDON (CLL)

CLL	Spec	Mnth 1	Decrease	USD	8,100	6,000	7,560	5,600
CLL	Hedge/Member	Mnth 1	Decrease	USD	6,000	6,000	5,600	5,600
CLL	Spec	Mnth 2-4	Decrease	USD	7,763	5,750	7,223	5,350
CLL	Hedge/Member	Mnth 2-4	Decrease	USD	5,750	5,750	5,350	5,350
CLL	Spec	Mnth 5-10	Decrease	USD	7,425	5,500	6,885	5,100
CLL	Hedge/Member	Mnth 5-10	Decrease	USD	5,500	5,500	5,100	5,100
CLL	Spec	Mnth 11-18	Decrease	USD	7,088	5,250	6,548	4,850
CLL	Hedge/Member	Mnth 11-18	Decrease	USD	5,250	5,250	4,850	4,850
CLL	Spec	Mnth 19-28	Decrease	USD	6,750	5,000	6,210	4,600
CLL	Hedge/Member	Mnth 19-28	Decrease	USD	5,000	5,000	4,600	4,600
CLL	Spec	Mnth 29-40	Decrease	USD	6,750	5,000	6,210	4,600
CLL	Hedge/Member	Mnth 29-40	Decrease	USD	5,000	5,000	4,600	4,600
CLL	Spec	Mnth 41+	Decrease	USD	6,750	5,000	6,210	4,600
CLL	Hedge/Member	Mnth 41+	Decrease	USD	5,000	5,000	4,600	4,600

## SPAN MINIMUM PERFORMANCE BOND REQUIREMENTS

CC	Rate Type	Description	Change	ISO	Current Initial	Current Maintenance	New Initial	New Maintenance
<b>Outright Rates</b>								
<b>CRUDE OIL TRADE AT MARKER SINGAPORE (CLS)</b>								
CLS	Spec	Mnth 1	Decrease	USD	8,100	6,000	7,560	5,600
CLS	Hedge/Member	Mnth 1	Decrease	USD	6,000	6,000	5,600	5,600
CLS	Spec	Mnth 2-4	Decrease	USD	7,763	5,750	7,223	5,350
CLS	Hedge/Member	Mnth 2-4	Decrease	USD	5,750	5,750	5,350	5,350
CLS	Spec	Mnth 5-10	Decrease	USD	7,425	5,500	6,885	5,100
CLS	Hedge/Member	Mnth 5-10	Decrease	USD	5,500	5,500	5,100	5,100
CLS	Spec	Mnth 11-18	Decrease	USD	7,088	5,250	6,548	4,850
CLS	Hedge/Member	Mnth 11-18	Decrease	USD	5,250	5,250	4,850	4,850
CLS	Spec	Mnth 19-28	Decrease	USD	6,750	5,000	6,210	4,600
CLS	Hedge/Member	Mnth 19-28	Decrease	USD	5,000	5,000	4,600	4,600
CLS	Spec	Mnth 29-40	Decrease	USD	6,750	5,000	6,210	4,600
CLS	Hedge/Member	Mnth 29-40	Decrease	USD	5,000	5,000	4,600	4,600
CLS	Spec	Mnth 41+	Decrease	USD	6,750	5,000	6,210	4,600
CLS	Hedge/Member	Mnth 41+	Decrease	USD	5,000	5,000	4,600	4,600
<b>CRUDE OIL TRADE AT SETTLEMENT (CLT)</b>								
CLT	Spec	Mnth 1	Decrease	USD	8,100	6,000	7,560	5,600
CLT	Hedge/Member	Mnth 1	Decrease	USD	6,000	6,000	5,600	5,600
CLT	Spec	Mnth 2-4	Decrease	USD	7,763	5,750	7,223	5,350
CLT	Hedge/Member	Mnth 2-4	Decrease	USD	5,750	5,750	5,350	5,350
CLT	Spec	Mnth 5-10	Decrease	USD	7,425	5,500	6,885	5,100
CLT	Hedge/Member	Mnth 5-10	Decrease	USD	5,500	5,500	5,100	5,100
CLT	Spec	Mnth 11-18	Decrease	USD	7,088	5,250	6,548	4,850
CLT	Hedge/Member	Mnth 11-18	Decrease	USD	5,250	5,250	4,850	4,850
CLT	Spec	Mnth 19-28	Decrease	USD	6,750	5,000	6,210	4,600
CLT	Hedge/Member	Mnth 19-28	Decrease	USD	5,000	5,000	4,600	4,600
CLT	Spec	Mnth 29-40	Decrease	USD	6,750	5,000	6,210	4,600
CLT	Hedge/Member	Mnth 29-40	Decrease	USD	5,000	5,000	4,600	4,600
CLT	Spec	Mnth 41+	Decrease	USD	6,750	5,000	6,210	4,600
CLT	Hedge/Member	Mnth 41+	Decrease	USD	5,000	5,000	4,600	4,600
<b>DME OMAN CRUDE OIL (OQ)</b>								
OQ	Spec	All Months	Decrease	USD	7,150	6,500	6,325	5,750
OQ	Hedge/Member	All Months	Decrease	USD	6,500	6,500	5,750	5,750
<b>DME OMAN CRUDE SWAP FUT (DOO)</b>								
DOO	Spec		Decrease	USD	7,150	6,500	6,325	5,750
DOO	Hedge/Member		Decrease	USD	6,500	6,500	5,750	5,750

## SPAN MINIMUM PERFORMANCE BOND REQUIREMENTS

CC	Rate Type	Description	Change	ISO	Current Initial	Current Maintenance	New Initial	New Maintenance
<b>Outright Rates</b>								
<b>DUBAI CRUDE OIL CALENDAR SWAP (DC)</b>								
DC	Spec	All Months	Decrease	USD	7,150	6,500	6,325	5,750
DC	Hedge/Member	All Months	Decrease	USD	6,500	6,500	5,750	5,750
<b>E-MINI CRUDE OIL FUTURES (QM)</b>								
QM	Spec	Mnth 1	Decrease	USD	4,050	3,000	3,780	2,800
QM	Hedge/Member	Mnth 1	Decrease	USD	3,000	3,000	2,800	2,800
QM	Spec	Mnth 2-4	Decrease	USD	3,881	2,875	3,611	2,675
QM	Hedge/Member	Mnth 2-4	Decrease	USD	2,875	2,875	2,675	2,675
QM	Spec	Mnth 5-10	Decrease	USD	3,713	2,750	3,443	2,550
QM	Hedge/Member	Mnth 5-10	Decrease	USD	2,750	2,750	2,550	2,550
QM	Spec	Mnth 11-18	Decrease	USD	3,544	2,625	3,274	2,425
QM	Hedge/Member	Mnth 11-18	Decrease	USD	2,625	2,625	2,425	2,425
QM	Spec	Mnth 19-28	Decrease	USD	3,375	2,500	3,105	2,300
QM	Hedge/Member	Mnth 19-28	Decrease	USD	2,500	2,500	2,300	2,300
QM	Spec	Mnth 29-40	Decrease	USD	3,375	2,500	3,105	2,300
QM	Hedge/Member	Mnth 29-40	Decrease	USD	2,500	2,500	2,300	2,300
QM	Spec	Mnth 41+	Decrease	USD	3,375	2,500	3,105	2,300
QM	Hedge/Member	Mnth 41+	Decrease	USD	2,500	2,500	2,300	2,300
<b>EUROPE DATED BRENT SWAP (UB)</b>								
UB	Spec	All Months	Decrease	USD	8,800	8,000	7,150	6,500
UB	Hedge/Member	All Months	Decrease	USD	8,000	8,000	6,500	6,500
<b>ICE BRENT (SINGAPORE MARKER) SWAP (IBS)</b>								
IBS	Spec	Mnth 17+	Decrease	USD	7,763	5,750	6,750	5,000
IBS	Hedge/Member	Mnth 17+	Decrease	USD	5,750	5,750	5,000	5,000
<b>MICRO BRENT CRUDE OIL FUTURES (MBZ)</b>								
MBZ	Spec	Mnth 1	Decrease	USD	9	7	8	6
MBZ	Hedge/Member	Mnth 1	Decrease	USD	7	7	6	6
MBZ	Spec	Mnth 2-4	Decrease	USD	9	7	8	6
MBZ	Hedge/Member	Mnth 2-4	Decrease	USD	7	7	6	6
MBZ	Spec	Mnth 5-16	Decrease	USD	8	6	7	5
MBZ	Hedge/Member	Mnth 5-16	Decrease	USD	6	6	5	5
MBZ	Spec	Mnth 17+	Decrease	USD	8	6	7	5
MBZ	Hedge/Member	Mnth 17+	Decrease	USD	6	6	5	5

## 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

#### MICRO CRUDE OIL FUTURES (MCL)

MCL	Spec	Mnth 1	Decrease	USD	8	6	8	6
MCL	Hedge/Member	Mnth 1	Decrease	USD	6	6	6	6
MCL	Spec	Mnth 2-4	Decrease	USD	8	6	7	5
MCL	Hedge/Member	Mnth 2-4	Decrease	USD	6	6	5	5
MCL	Spec	Mnth 5-10	Decrease	USD	7	6	7	5
MCL	Hedge/Member	Mnth 5-10	Decrease	USD	6	6	5	5
MCL	Spec	Mnth 11-18	Decrease	USD	7	5	7	5
MCL	Hedge/Member	Mnth 11-18	Decrease	USD	5	5	5	5
MCL	Spec	Mnth 19-28	Decrease	USD	7	5	6	5
MCL	Hedge/Member	Mnth 19-28	Decrease	USD	5	5	5	5
MCL	Spec	Mnth 29-40	Decrease	USD	7	5	6	5
MCL	Hedge/Member	Mnth 29-40	Decrease	USD	5	5	5	5
MCL	Spec	Mnth 41+	Decrease	USD	7	5	6	5
MCL	Hedge/Member	Mnth 41+	Decrease	USD	5	5	5	5

#### NYMEX CRUDE OIL MACI INDEX (XC)

XC	Spec	Mnth 1	Decrease	USD	1,620	1,200	1,512	1,120
XC	Hedge/Member	Mnth 1	Decrease	USD	1,200	1,200	1,120	1,120
XC	Spec	Mnth 2-4	Decrease	USD	1,553	1,150	1,445	1,070
XC	Hedge/Member	Mnth 2-4	Decrease	USD	1,150	1,150	1,070	1,070
XC	Spec	Mnth 5-10	Decrease	USD	1,485	1,100	1,377	1,020
XC	Hedge/Member	Mnth 5-10	Decrease	USD	1,100	1,100	1,020	1,020
XC	Spec	Mnth 11-18	Decrease	USD	1,418	1,050	1,310	970
XC	Hedge/Member	Mnth 11-18	Decrease	USD	1,050	1,050	970	970
XC	Spec	Mnth 19-28	Decrease	USD	1,350	1,000	1,242	920
XC	Hedge/Member	Mnth 19-28	Decrease	USD	1,000	1,000	920	920
XC	Spec	Mnth 29-40	Decrease	USD	1,350	1,000	1,242	920
XC	Hedge/Member	Mnth 29-40	Decrease	USD	1,000	1,000	920	920
XC	Spec	Mnth 41+	Decrease	USD	1,350	1,000	1,242	920
XC	Hedge/Member	Mnth 41+	Decrease	USD	1,000	1,000	920	920



## SPAN MINIMUM PERFORMANCE BOND REQUIREMENTS

CC	Rate Type	Description	Change	ISO	Current Initial	Current Maintenance	New Initial	New Maintenance
<b>Outright Rates</b>								
<b>NYMEX CRUDE OIL MACI INDEX TAS (XCT)</b>								
XCT	Spec	Mnth 1	Decrease	USD	8,100	6,000	7,560	5,600
XCT	Hedge/Member	Mnth 1	Decrease	USD	6,000	6,000	5,600	5,600
XCT	Spec	Mnth 2-4	Decrease	USD	7,763	5,750	7,223	5,350
XCT	Hedge/Member	Mnth 2-4	Decrease	USD	5,750	5,750	5,350	5,350
XCT	Spec	Mnth 5-10	Decrease	USD	7,425	5,500	6,885	5,100
XCT	Hedge/Member	Mnth 5-10	Decrease	USD	5,500	5,500	5,100	5,100
XCT	Spec	Mnth 11-18	Decrease	USD	7,088	5,250	6,548	4,850
XCT	Hedge/Member	Mnth 11-18	Decrease	USD	5,250	5,250	4,850	4,850
XCT	Spec	Mnth 19-28	Decrease	USD	6,750	5,000	6,210	4,600
XCT	Hedge/Member	Mnth 19-28	Decrease	USD	5,000	5,000	4,600	4,600
XCT	Spec	Mnth 29-40	Decrease	USD	6,750	5,000	6,210	4,600
XCT	Hedge/Member	Mnth 29-40	Decrease	USD	5,000	5,000	4,600	4,600
XCT	Spec	Mnth 41+	Decrease	USD	6,750	5,000	6,210	4,600
XCT	Hedge/Member	Mnth 41+	Decrease	USD	5,000	5,000	4,600	4,600
<b>OMAN CRUDE FINANCIAL (ZG)</b>								
ZG	Spec	All Months	Decrease	USD	7,150	6,500	6,325	5,750
ZG	Hedge/Member	All Months	Decrease	USD	6,500	6,500	5,750	5,750
<b>WTI CALENDAR SWAP (CS)</b>								
CS	Spec	Mnth 1	Decrease	USD	8,100	6,000	7,560	5,600
CS	Hedge/Member	Mnth 1	Decrease	USD	6,000	6,000	5,600	5,600
CS	Spec	Mnth 2-4	Decrease	USD	7,763	5,750	7,223	5,350
CS	Hedge/Member	Mnth 2-4	Decrease	USD	5,750	5,750	5,350	5,350
CS	Spec	Mnth 5-10	Decrease	USD	7,425	5,500	6,885	5,100
CS	Hedge/Member	Mnth 5-10	Decrease	USD	5,500	5,500	5,100	5,100
CS	Spec	Mnth 11-18	Decrease	USD	7,088	5,250	6,548	4,850
CS	Hedge/Member	Mnth 11-18	Decrease	USD	5,250	5,250	4,850	4,850
CS	Spec	Mnth 19-28	Decrease	USD	6,750	5,000	6,210	4,600
CS	Hedge/Member	Mnth 19-28	Decrease	USD	5,000	5,000	4,600	4,600
CS	Spec	Mnth 29-40	Decrease	USD	6,750	5,000	6,210	4,600
CS	Hedge/Member	Mnth 29-40	Decrease	USD	5,000	5,000	4,600	4,600
CS	Spec	Mnth 41+	Decrease	USD	6,750	5,000	6,210	4,600
CS	Hedge/Member	Mnth 41+	Decrease	USD	5,000	5,000	4,600	4,600

## 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

#### ENVIRONMENTAL - Outright Rates

#### IN DELIVERY MONTH EUA FUTURES (6T)

6T	Spec	Mth 1	Decrease	EUR	1,100	1,000	935	850
6T	Hedge/Member	Mth 1	Decrease	EUR	1,000	1,000	850	850
6T	Spec	Mth 2+	Decrease	EUR	1,100	1,000	935	850
6T	Hedge/Member	Mth 2+	Decrease	EUR	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
<b>Outright Rates</b>								
<b>NATURAL GAS - Outright Rates</b>								
<b>ANR OKLAHOMA (NE)</b>								
NE	Spec	Mnth 1-2	Decrease	USD	275	250	220	200
NE	Hedge/Member	Mnth 1-2	Decrease	USD	250	250	200	200
NE	Spec	Mnth 3-5	Decrease	USD	138	125	110	100
NE	Hedge/Member	Mnth 3-5	Decrease	USD	125	125	100	100
<b>CENTERPOINT EAST INDEX (II)</b>								
II	Spec	Mnth 1-2	Decrease	USD	1,650	1,500	1,100	1,000
II	Hedge/Member	Mnth 1-2	Decrease	USD	1,500	1,500	1,000	1,000
<b>CENTERPOINT, EAST SWING SWAP (VX)</b>								
VX	Spec	All Months	Decrease	USD	1,650	1,500	1,100	1,000
VX	Hedge/Member	All Months	Decrease	USD	1,500	1,500	1,000	1,000
<b>CIG BASIS (CI)</b>								
CI	Spec	Mnth 2-6	Decrease	USD	303	275	220	200
CI	Hedge/Member	Mnth 2-6	Decrease	USD	275	275	200	200
<b>COLUMBIA GULF LA NAT GAS SWING SWAP (J6)</b>								
J6	Spec	All Months	Decrease	USD	1,375	1,250	1,100	1,000
J6	Hedge/Member	All Months	Decrease	USD	1,250	1,250	1,000	1,000
<b>COLUMBIA GULF MAIN NAT G INDEX SWP (L2)</b>								
L2	Spec	Mnth 1-2	Decrease	USD	1,375	1,250	1,100	1,000
L2	Hedge/Member	Mnth 1-2	Decrease	USD	1,250	1,250	1,000	1,000
<b>DOMINION TRANSMISSION INC. -APPALAC (PG)</b>								
PG	Spec	Day 1-38	Increase	USD	110	100	220	200
PG	Hedge/Member	Day 1-38	Increase	USD	100	100	200	200
PG	Spec	Mnth 2+	Increase	USD	110	100	220	200
PG	Hedge/Member	Mnth 2+	Increase	USD	100	100	200	200
<b>EL PASO, PERMIAN INDEX SWAP (IL)</b>								
IL	Spec	Mnth 1-2	Decrease	USD	1,650	1,500	1,375	1,250
IL	Hedge/Member	Mnth 1-2	Decrease	USD	1,500	1,500	1,250	1,250
<b>EL PASO, PERMIAN SWING FUTURE (SL)</b>								
SL	Spec	All Months	Decrease	USD	1,650	1,500	1,375	1,250
SL	Hedge/Member	All Months	Decrease	USD	1,500	1,500	1,250	1,250
<b>FL GAS ZONE 3 NAT GAS INDEX SWAP (Q9)</b>								
Q9	Spec	Mnth 1-2	Decrease	USD	1,540	1,400	1,375	1,250
Q9	Hedge/Member	Mnth 1-2	Decrease	USD	1,400	1,400	1,250	1,250

## SPAN MINIMUM PERFORMANCE BOND REQUIREMENTS

CC	Rate Type	Description	Change	ISO	Current Initial	Current Maintenance	New Initial	New Maintenance
<b>Outright Rates</b>								
<b>FL GAS ZONE 3 NAT GASSWING SWAP (J8)</b>								
J8	Spec	All Months	Decrease	USD	1,650	1,500	1,375	1,250
J8	Hedge/Member	All Months	Decrease	USD	1,500	1,500	1,250	1,250
<b>HENRY HUB INDEX SWAP FUTURE (IN)</b>								
IN	Spec	Mnth 1-2	Decrease	USD	1,100	1,000	770	700
IN	Hedge/Member	Mnth 1-2	Decrease	USD	1,000	1,000	700	700
<b>HENRY HUB SWING FUTURE (SN)</b>								
SN	Spec	All Months	Decrease	USD	1,100	1,000	770	700
SN	Hedge/Member	All Months	Decrease	USD	1,000	1,000	700	700
<b>HOUSTON SHIP CHANNEL INDEX SWAP (IP)</b>								
IP	Spec	Mnth 1-2	Decrease	USD	1,375	1,250	1,100	1,000
IP	Hedge/Member	Mnth 1-2	Decrease	USD	1,250	1,250	1,000	1,000
<b>HOUSTON SHIP CHANNEL SWING (SM)</b>								
SM	Spec	All Months	Decrease	USD	1,375	1,250	1,100	1,000
SM	Hedge/Member	All Months	Decrease	USD	1,250	1,250	1,000	1,000
<b>NGPL STX NAT GAS INDEX SWAP (N6)</b>								
N6	Spec	Mnth 1-2	Decrease	USD	1,650	1,500	1,375	1,250
N6	Hedge/Member	Mnth 1-2	Decrease	USD	1,500	1,500	1,250	1,250
<b>NGPL STX NAT GAS SWING SWAP (Q7)</b>								
Q7	Spec	All Months	Decrease	USD	1,650	1,500	1,375	1,250
Q7	Hedge/Member	All Months	Decrease	USD	1,500	1,500	1,250	1,250
<b>NORTHWEST PIPELINE BASIS SWAP (NR)</b>								
NR	Spec	Day 39-180	Decrease	USD	220	200	165	150
NR	Hedge/Member	Day 39-180	Decrease	USD	200	200	150	150
NR	Spec	Mnth 7-9	Decrease	USD	220	200	165	150
NR	Hedge/Member	Mnth 7-9	Decrease	USD	200	200	150	150
<b>ONEOK OKLAHOMA NG BASIS (8X)</b>								
8X	Spec	Day 1-38	Decrease	USD	330	300	275	250
8X	Hedge/Member	Day 1-38	Decrease	USD	300	300	250	250
8X	Spec	Mnth 2+	Decrease	USD	220	200	165	150
8X	Hedge/Member	Mnth 2+	Decrease	USD	200	200	150	150
<b>PANHANDLE BASIS SWAP (PH)</b>								
PH	Spec	Mnth 3-6	Decrease	USD	165	150	110	100
PH	Hedge/Member	Mnth 3-6	Decrease	USD	150	150	100	100
PH	Spec	Mnth 7-12	Decrease	USD	165	150	110	100
PH	Hedge/Member	Mnth 7-12	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
<b>Outright Rates</b>								
<b>PGE&amp;E CITYGATE (PC)</b>								
PC	Spec	Mnth 1-2	Increase	USD	303	275	440	400
PC	Hedge/Member	Mnth 1-2	Increase	USD	275	275	400	400
<b>SOCAL BASIS SWAP (NS)</b>								
NS	Spec	Mnth 1	Increase	USD	275	250	330	300
NS	Hedge/Member	Mnth 1	Increase	USD	250	250	300	300
<b>TENNESSEE 500 LEG NG INDEX SWP (Y7)</b>								
Y7	Spec	Mnth 1-2	Decrease	USD	1,210	1,100	825	750
Y7	Hedge/Member	Mnth 1-2	Decrease	USD	1,100	1,100	750	750
<b>TENNESSEE 500 LEG NG SWING (T7)</b>								
T7	Spec	All Months	Decrease	USD	1,210	1,100	825	750
T7	Hedge/Member	All Months	Decrease	USD	1,100	1,100	750	750
<b>TENNESSEE ZONE 0 NG INDEX SWP (Q4)</b>								
Q4	Spec	Mnth 1-2	Decrease	USD	1,210	1,100	880	800
Q4	Hedge/Member	Mnth 1-2	Decrease	USD	1,100	1,100	800	800
Q4	Spec	Mnth 3	Decrease	USD	275	250	110	100
Q4	Hedge/Member	Mnth 3	Decrease	USD	250	250	100	100
Q4	Spec	Mnth 4+	Decrease	USD	165	150	110	100
Q4	Hedge/Member	Mnth 4+	Decrease	USD	150	150	100	100
<b>TENNESSEE ZONE 0 NG SWING (T4)</b>								
T4	Spec	All Months	Decrease	USD	1,210	1,100	880	800
T4	Hedge/Member	All Months	Decrease	USD	1,100	1,100	800	800
<b>TETCO NG STX SWING (T2)</b>								
T2	Spec	All Months	Decrease	USD	1,650	1,500	1,375	1,250
T2	Hedge/Member	All Months	Decrease	USD	1,500	1,500	1,250	1,250
<b>TETCO STX NG INDEX SWAP (Q2)</b>								
Q2	Spec	Mnth 1-2	Decrease	USD	1,650	1,500	1,375	1,250
Q2	Hedge/Member	Mnth 1-2	Decrease	USD	1,500	1,500	1,250	1,250
<b>TEXAS EAST WLA NAT GAS INDEX SWAP (C2)</b>								
C2	Spec	Mnth 1-2	Decrease	USD	1,100	1,000	825	750
C2	Hedge/Member	Mnth 1-2	Decrease	USD	1,000	1,000	750	750
<b>TEXAS EASTERN WLA NAT GAS SWING SWA (X8)</b>								
X8	Spec	All Months	Decrease	USD	1,100	1,000	825	750
X8	Hedge/Member	All Months	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
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### Outright Rates

#### TEXAS EASTERN ZONE M-3 BASIS SWAP (NX)

NX	Spec	Mth 1	New	USD			880	800
NX	Hedge/Member	Mth 1	New	USD			800	800
NX	Spec	Mth 2	New	USD			550	500
NX	Hedge/Member	Mth 2	New	USD			500	500
NX	Spec	Mth 3+	New	USD			550	500
NX	Hedge/Member	Mth 3+	New	USD			500	500

#### TRANSCO ZONE 4 NAT GAS INDEX SWAP (B2)

B2	Spec	Mnth 1-2	Decrease	USD	1,650	1,500	1,375	1,250
B2	Hedge/Member	Mnth 1-2	Decrease	USD	1,500	1,500	1,250	1,250

#### TRANSCO ZONE 4 NAT GAS SWING SWAP (J3)

J3	Spec	All Months	Decrease	USD	1,540	1,400	1,375	1,250
J3	Hedge/Member	All Months	Decrease	USD	1,400	1,400	1,250	1,250

#### TRANSCO ZONE 6 BASIS SWAP (NZ)

NZ	Spec	Mnth 1	Increase	USD	1,100	1,000	1,210	1,100
NZ	Hedge/Member	Mnth 1	Increase	USD	1,000	1,000	1,100	1,100
NZ	Spec	Mnth 2	Increase	USD	825	750	1,210	1,100
NZ	Hedge/Member	Mnth 2	Increase	USD	750	750	1,100	1,100

#### TRANSCO ZONE 6 INDEX (IT)

IT	Spec	Mnth 1-2	Increase	USD	5,500	5,000	7,150	6,500
IT	Hedge/Member	Mnth 1-2	Increase	USD	5,000	5,000	6,500	6,500

#### TRANSCO ZONE 6 SWING SWAP (ST)

ST	Spec	All Months	Increase	USD	5,500	5,000	7,150	6,500
ST	Hedge/Member	All Months	Increase	USD	5,000	5,000	6,500	6,500

#### WAHA INDEX SWAP FUTURE (IY)

IY	Spec	Mnth 1-2	Decrease	USD	1,650	1,500	1,375	1,250
IY	Hedge/Member	Mnth 1-2	Decrease	USD	1,500	1,500	1,250	1,250

#### WAHA SWING FUTURE (SY)

SY	Spec	All Months	Decrease	USD	1,650	1,500	1,375	1,250
SY	Hedge/Member	All Months	Decrease	USD	1,500	1,500	1,250	1,250

## SPAN MINIMUM PERFORMANCE BOND REQUIREMENTS

CC	Rate Type	Description	Change	ISO	Current Initial	Current Maintenance	New Initial	New Maintenance
<b>Outright Rates</b>								
<b>NGL/PETROCHEMICALS - Outright Rates</b>								
<b>ARGUS PROPAN FAR EST INDEX SWP (7E)</b>								
7E	Spec	All Months	Decrease	USD	60,500	55,000	49,500	45,000
7E	Hedge/Member	All Months	Decrease	USD	55,000	55,000	45,000	45,000
<b>BUTANE 5 DECIMAL (D0)</b>								
D0	Spec	Mth 1	Decrease	USD	5,500	5,000	4,400	4,000
D0	Hedge/Member	Mth 1	Decrease	USD	5,000	5,000	4,000	4,000
D0	Spec	Mth 2+	Decrease	USD	5,500	5,000	4,400	4,000
D0	Hedge/Member	Mth 2+	Decrease	USD	5,000	5,000	4,000	4,000
<b>CONWAY NAT GASOLINE SWAP (8L)</b>								
8L	Spec	All Months	Increase	USD	9,900	9,000	12,100	11,000
8L	Hedge/Member	All Months	Increase	USD	9,000	9,000	11,000	11,000
<b>CONWAY PROPANE 5 DEC. SWP (8K)</b>								
8K	Spec	All Months	Decrease	USD	4,125	3,750	3,300	3,000
8K	Hedge/Member	All Months	Decrease	USD	3,750	3,750	3,000	3,000
<b>EURO PROPANE CIF ARA SWAP (PS)</b>								
PS	Spec	All Months	Decrease	USD	59,400	54,000	49,500	45,000
PS	Hedge/Member	All Months	Decrease	USD	54,000	54,000	45,000	45,000
<b>MINI ARGUS PROPANE FAR EAST IDX (MAE)</b>								
MAE	Spec	All Months	Decrease	USD	6,050	5,500	4,950	4,500
MAE	Hedge/Member	All Months	Decrease	USD	5,500	5,500	4,500	4,500
<b>MONT BELVIEU NAT GAS (OPIS) SW (W3)</b>								
W3	Spec	Mth 1	Decrease	USD	7,700	7,000	6,050	5,500
W3	Hedge/Member	Mth 1	Decrease	USD	7,000	7,000	5,500	5,500
W3	Spec	Mth 2+	Decrease	USD	7,700	7,000	6,050	5,500
W3	Hedge/Member	Mth 2+	Decrease	USD	7,000	7,000	5,500	5,500
<b>MT BELVIEU NAT GAS 5 D. OPIS (7Q)</b>								
7Q	Spec	Mth 1	Decrease	USD	7,700	7,000	6,050	5,500
7Q	Hedge/Member	Mth 1	Decrease	USD	7,000	7,000	5,500	5,500
7Q	Spec	Mth 2+	Decrease	USD	7,700	7,000	6,050	5,500
7Q	Hedge/Member	Mth 2+	Decrease	USD	7,000	7,000	5,500	5,500
<b>MT. BELVIEU MINI LDH PROPANE SWP FT (81)</b>								
81	Spec	Mth 1	Decrease	USD	413	375	330	300
81	Hedge/Member	Mth 1	Decrease	USD	375	375	300	300
81	Spec	Mth 2+	Decrease	USD	413	375	330	300
81	Hedge/Member	Mth 2+	Decrease	USD	375	375	300	300

## SPAN MINIMUM PERFORMANCE BOND REQUIREMENTS

CC	Rate Type	Description	Change	ISO	Current Initial	Current Maintenance	New Initial	New Maintenance
<b>Outright Rates</b>								
<b>MT. BLVU PHSCL LDH PROPAN OPIS (3N)</b>								
3N	Spec	All Months	Decrease	USD	4,950	4,500	3,300	3,000
3N	Hedge/Member	All Months	Decrease	USD	4,500	4,500	3,000	3,000
<b>MT. BLVU PHSCL NONLDH PN OPIS (3P)</b>								
3P	Spec	All Months	Decrease	USD	4,125	3,750	3,300	3,000
3P	Hedge/Member	All Months	Decrease	USD	3,750	3,750	3,000	3,000
<b>PROPANE 5 DECIMAL (B0)</b>								
B0	Spec	Mth 1	Decrease	USD	4,125	3,750	3,300	3,000
B0	Hedge/Member	Mth 1	Decrease	USD	3,750	3,750	3,000	3,000
B0	Spec	Mth 2+	Decrease	USD	4,125	3,750	3,300	3,000
B0	Hedge/Member	Mth 2+	Decrease	USD	3,750	3,750	3,000	3,000
<b>PROPANE NON LDH MT BELVIEU (1R)</b>								
1R	Spec	All Months	Decrease	USD	4,400	4,000	3,300	3,000
1R	Hedge/Member	All Months	Decrease	USD	4,000	4,000	3,000	3,000



## SPAN MINIMUM PERFORMANCE BOND REQUIREMENTS

CC	Rate Type	Description	Change	ISO	Current Initial	Current Maintenance	New Initial	New Maintenance
<b>Outright Rates</b>								
<b>PETROLEUM CRACKS AND SPREADS - Outright Rates</b>								
<b>1% FUEL OIL RDM VS 1% OIL NWE PLTS (33)</b>								
33	Spec	Mth 1	Increase	USD	2,750	2,500	5,500	5,000
33	Hedge/Member	Mth 1	Increase	USD	2,500	2,500	5,000	5,000
33	Spec	Mths 2+	New	USD			2,200	2,000
33	Hedge/Member	Mths 2+	New	USD			2,000	2,000
<b>ARGS GSOLNE E-BOB OXY BARGES NWE CK (EOB)</b>								
EOB	Spec	Mth 1	Increase	USD	13,745	12,495	16,952	15,411
EOB	Hedge/Member	Mth 1	Increase	USD	12,495	12,495	15,411	15,411
EOB	Spec	Mth 2+	Increase	USD	13,745	12,495	16,952	15,411
EOB	Hedge/Member	Mth 2+	Increase	USD	12,495	12,495	15,411	15,411
<b>EURO DIESEL 10PPM VS. ICE (ET)</b>								
ET	Spec	All Months	Decrease	USD	6,050	5,500	4,950	4,500
ET	Hedge/Member	All Months	Decrease	USD	5,500	5,500	4,500	4,500
<b>FUELOIL SWAP:CARGOES VS.BARGES (FS)</b>								
FS	Spec	Mnth 2-3	Decrease	USD	9,350	8,500	8,250	7,500
FS	Hedge/Member	Mnth 2-3	Decrease	USD	8,500	8,500	7,500	7,500
FS	Spec	Mnth 4+	Decrease	USD	7,700	7,000	6,600	6,000
FS	Hedge/Member	Mnth 4+	Decrease	USD	7,000	7,000	6,000	6,000
<b>GAS EURO-BOB OXY (ARG) CRACK (7K)</b>								
7K	Spec	Mth 1	Increase	USD	1,650	1,500	2,035	1,850
7K	Hedge/Member	Mth 1	Increase	USD	1,500	1,500	1,850	1,850
7K	Spec	Mth 2+	Increase	USD	1,650	1,500	2,035	1,850
7K	Hedge/Member	Mth 2+	Increase	USD	1,500	1,500	1,850	1,850
<b>GASOIL 0.1CIF MED VS. ICE GAS (Z5)</b>								
Z5	Spec	All Months	Increase	USD	2,750	2,500	3,850	3,500
Z5	Hedge/Member	All Months	Increase	USD	2,500	2,500	3,500	3,500
<b>GASOIL CRACK SPREAD CALENDAR SWAP (GZ)</b>								
GZ	Spec	Mth 1	Decrease	USD	5,225	4,750	4,400	4,000
GZ	Hedge/Member	Mth 1	Decrease	USD	4,750	4,750	4,000	4,000
GZ	Spec	Mth 2+	Decrease	USD	5,225	4,750	4,400	4,000
GZ	Hedge/Member	Mth 2+	Decrease	USD	4,750	4,750	4,000	4,000
<b>GASOIL(ICE) CRACK SPREAD 1000MT SWP (GOC)</b>								
GOC	Spec	Mth 1	Decrease	USD	38,926	35,388	32,780	29,800
GOC	Hedge/Member	Mth 1	Decrease	USD	35,388	35,388	29,800	29,800
GOC	Spec	Mth 2+	Decrease	USD	38,926	35,388	32,780	29,800
GOC	Hedge/Member	Mth 2+	Decrease	USD	35,388	35,388	29,800	29,800

## SPAN MINIMUM PERFORMANCE BOND REQUIREMENTS

CC	Rate Type	Description	Change	ISO	Current Initial	Current Maintenance	New Initial	New Maintenance
<b>Outright Rates</b>								
<b>GRP THREE ULSD(PLT)VS HEAT OIL (A6)</b>								
A6	Spec	All Months	Decrease	USD	4,400	4,000	3,300	3,000
A6	Hedge/Member	All Months	Decrease	USD	4,000	4,000	3,000	3,000
<b>LA CARB DIESEL (OPIS) SWAP (KL)</b>								
KL	Spec	All Months	Decrease	USD	2,530	2,300	2,090	1,900
KL	Hedge/Member	All Months	Decrease	USD	2,300	2,300	1,900	1,900
<b>MINI EUR DIESEL10PPM VS ICE GS SWAP (MUD)</b>								
MUD	Spec	All Months	Decrease	USD	605	550	495	450
MUD	Hedge/Member	All Months	Decrease	USD	550	550	450	450
<b>NY ULSD(ARGUS) VS HO SPREAD (7Y)</b>								
7Y	Spec	All Months	Decrease	USD	2,420	2,200	1,760	1,600
7Y	Hedge/Member	All Months	Decrease	USD	2,200	2,200	1,600	1,600
<b>SINGAPORE GASOIL VS ICE (GA)</b>								
GA	Spec	Mths 4+	Increase	USD	605	550	715	650
GA	Hedge/Member	Mths 4+	Increase	USD	550	550	650	650
<b>ULSD UP-DOWN BALMO SWP (1L)</b>								
1L	Spec	All Months	Increase	USD	660	600	1,100	1,000
1L	Hedge/Member	All Months	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
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### Outright Rates

#### REFINED PRODUCTS - Outright Rates

##### E-MINI HEATING OIL FUTURES (QH)

QH	Spec	Mnth 1	Decrease	USD	3,915	2,900	3,578	2,650
QH	Hedge/Member	Mnth 1	Decrease	USD	2,900	2,900	2,650	2,650
QH	Spec	Mnth 2	Decrease	USD	3,915	2,900	3,578	2,650
QH	Hedge/Member	Mnth 2	Decrease	USD	2,900	2,900	2,650	2,650
QH	Spec	Mnth 3	Decrease	USD	3,915	2,900	3,578	2,650
QH	Hedge/Member	Mnth 3	Decrease	USD	2,900	2,900	2,650	2,650
QH	Spec	Mnth 4+	Decrease	USD	3,746	2,775	3,409	2,525
QH	Hedge/Member	Mnth 4+	Decrease	USD	2,775	2,775	2,525	2,525

##### GULF COAST ULSD CALENDAR SWAP (LY)

LY	Spec	All Months	Decrease	USD	7,700	7,000	5,500	5,000
LY	Hedge/Member	All Months	Decrease	USD	7,000	7,000	5,000	5,000

##### HEATING OIL FUTURES NYMEX (BH)

BH	Spec	Mnth 1	Decrease	USD	7,830	5,800	7,155	5,300
BH	Hedge/Member	Mnth 1	Decrease	USD	5,800	5,800	5,300	5,300
BH	Spec	Mnth 2	Decrease	USD	7,830	5,800	7,155	5,300
BH	Hedge/Member	Mnth 2	Decrease	USD	5,800	5,800	5,300	5,300
BH	Spec	Mnth 3	Decrease	USD	7,830	5,800	7,155	5,300
BH	Hedge/Member	Mnth 3	Decrease	USD	5,800	5,800	5,300	5,300
BH	Spec	Mnth 4+	Decrease	USD	7,493	5,550	6,818	5,050
BH	Hedge/Member	Mnth 4+	Decrease	USD	5,550	5,550	5,050	5,050

##### HEATING OIL FUTURES NYMEX (HO)

HO	Spec	Mth 1	Decrease	USD	7,830	5,800	7,155	5,300
HO	Hedge/Member	Mth 1	Decrease	USD	5,800	5,800	5,300	5,300
HO	Spec	Mth 2	Decrease	USD	7,830	5,800	7,155	5,300
HO	Hedge/Member	Mth 2	Decrease	USD	5,800	5,800	5,300	5,300
HO	Spec	Mnth 3	Decrease	USD	7,830	5,800	7,155	5,300
HO	Hedge/Member	Mnth 3	Decrease	USD	5,800	5,800	5,300	5,300
HO	Spec	Mth 4+	Decrease	USD	7,493	5,550	6,818	5,050
HO	Hedge/Member	Mth 4+	Decrease	USD	5,550	5,550	5,050	5,050

## SPAN MINIMUM PERFORMANCE BOND REQUIREMENTS

CC	Rate Type	Description	Change	ISO	Current Initial	Current Maintenance	New Initial	New Maintenance
<b>Outright Rates</b>								
<b>HEATING OIL LAST DAY FINANCIAL FUT (23)</b>								
23	Spec	Mnth 1	Decrease	USD	7,830	5,800	7,155	5,300
23	Hedge/Member	Mnth 1	Decrease	USD	5,800	5,800	5,300	5,300
23	Spec	Mnth 2	Decrease	USD	7,830	5,800	7,155	5,300
23	Hedge/Member	Mnth 2	Decrease	USD	5,800	5,800	5,300	5,300
23	Spec	Mnth 3	Decrease	USD	7,830	5,800	7,155	5,300
23	Hedge/Member	Mnth 3	Decrease	USD	5,800	5,800	5,300	5,300
23	Spec	Mnth 4+	Decrease	USD	7,493	5,550	6,818	5,050
23	Hedge/Member	Mnth 4+	Decrease	USD	5,550	5,550	5,050	5,050
<b>HEATING OIL TAM LONDON (HOL)</b>								
HOL	Spec	Mth 1	Decrease	USD	7,830	5,800	7,155	5,300
HOL	Hedge/Member	Mth 1	Decrease	USD	5,800	5,800	5,300	5,300
HOL	Spec	Mth 2	Decrease	USD	7,830	5,800	7,155	5,300
HOL	Hedge/Member	Mth 2	Decrease	USD	5,800	5,800	5,300	5,300
HOL	Spec	Mth 3	Decrease	USD	7,830	5,800	7,155	5,300
HOL	Hedge/Member	Mth 3	Decrease	USD	5,800	5,800	5,300	5,300
HOL	Spec	Mth 4+	Decrease	USD	7,493	5,550	6,818	5,050
HOL	Hedge/Member	Mth 4+	Decrease	USD	5,550	5,550	5,050	5,050
<b>HEATING OIL TRADE AT SETTLEMENT (HOT)</b>								
HOT	Spec	Mth 1	Decrease	USD	7,830	5,800	7,155	5,300
HOT	Hedge/Member	Mth 1	Decrease	USD	5,800	5,800	5,300	5,300
HOT	Spec	Mth 2	Decrease	USD	7,830	5,800	7,155	5,300
HOT	Hedge/Member	Mth 2	Decrease	USD	5,800	5,800	5,300	5,300
HOT	Spec	Mth 3	Decrease	USD	7,830	5,800	7,155	5,300
HOT	Hedge/Member	Mth 3	Decrease	USD	5,800	5,800	5,300	5,300
HOT	Spec	Mth 4+	Decrease	USD	7,493	5,550	6,818	5,050
HOT	Hedge/Member	Mth 4+	Decrease	USD	5,550	5,550	5,050	5,050
<b>LH TAS NYMEX GULF COAST ULS (LHT)</b>								
LHT	Spec	All Months	Decrease	USD	6,380	5,800	5,500	5,000
LHT	Hedge/Member	All Months	Decrease	USD	5,800	5,800	5,000	5,000
<b>NEW YORK HARBOR ULSD (LH)</b>								
LH	Spec	All Months	Decrease	USD	6,380	5,800	5,500	5,000
LH	Hedge/Member	All Months	Decrease	USD	5,800	5,800	5,000	5,000

## SPAN MINIMUM PERFORMANCE BOND REQUIREMENTS

CC	Rate Type	Description	Change	ISO	Current Initial	Current Maintenance	New Initial	New Maintenance
<b>Outright Rates</b>								
<b>NYMEX NY HARBOR HEAT OIL CLNDR SWAP (MP)</b>								
MP	Spec	Mnth 1	Decrease	USD	7,830	5,800	7,155	5,300
MP	Hedge/Member	Mnth 1	Decrease	USD	5,800	5,800	5,300	5,300
MP	Spec	Mnth 2	Decrease	USD	7,830	5,800	7,155	5,300
MP	Hedge/Member	Mnth 2	Decrease	USD	5,800	5,800	5,300	5,300
MP	Spec	Mnth 3	Decrease	USD	7,830	5,800	7,155	5,300
MP	Hedge/Member	Mnth 3	Decrease	USD	5,800	5,800	5,300	5,300
MP	Spec	Mnth 4+	Decrease	USD	7,493	5,550	6,818	5,050
MP	Hedge/Member	Mnth 4+	Decrease	USD	5,550	5,550	5,050	5,050