



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

FROM: CME Clearing

SUBJECT: Performance Bond Requirements

DATE: Friday, November 14, 2014

***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, November 17, 2014.**

Current rates as of:

**Friday, November 14, 2014.**

## SPAN MINIMUM PERFORMANCE BOND REQUIREMENTS

CC	Rate Type	Description	Change	ISO	Current Initial	Current Maintenance	New Initial	New Maintenance
<b>Outright Rates</b>								
<b>BRENT FINANCIAL FUTURES (BB)</b>								
BB	Spec	Mnth1	Increase	USD	3,740	3,400	4,180	3,800
BB	Hedge/Member	Mnth1	Increase	USD	3,400	3,400	3,800	3,800
BB	Spec	Mnth2	Increase	USD	3,630	3,300	4,070	3,700
BB	Hedge/Member	Mnth2	Increase	USD	3,300	3,300	3,700	3,700
BB	Spec	Mnth3	Increase	USD	3,630	3,300	4,070	3,700
BB	Hedge/Member	Mnth3	Increase	USD	3,300	3,300	3,700	3,700
BB	Spec	Mnth4	Increase	USD	3,520	3,200	3,960	3,600
BB	Hedge/Member	Mnth4	Increase	USD	3,200	3,200	3,600	3,600
BB	Spec	Mnth5	Increase	USD	3,410	3,100	3,850	3,500
BB	Hedge/Member	Mnth5	Increase	USD	3,100	3,100	3,500	3,500
BB	Spec	Mnth6	Increase	USD	3,300	3,000	3,740	3,400
BB	Hedge/Member	Mnth6	Increase	USD	3,000	3,000	3,400	3,400
BB	Spec	Mnth7	Increase	USD	3,190	2,900	3,630	3,300
BB	Hedge/Member	Mnth7	Increase	USD	2,900	2,900	3,300	3,300
BB	Spec	Mnth8	Increase	USD	3,080	2,800	3,520	3,200
BB	Hedge/Member	Mnth8	Increase	USD	2,800	2,800	3,200	3,200
BB	Spec	Mnth9	Increase	USD	2,970	2,700	3,410	3,100
BB	Hedge/Member	Mnth9	Increase	USD	2,700	2,700	3,100	3,100
BB	Spec	Mnth10	Increase	USD	2,860	2,600	3,300	3,000
BB	Hedge/Member	Mnth10	Increase	USD	2,600	2,600	3,000	3,000
BB	Spec	Mnth11	Increase	USD	2,750	2,500	3,190	2,900
BB	Hedge/Member	Mnth11	Increase	USD	2,500	2,500	2,900	2,900
BB	Spec	Mnth12	Increase	USD	2,640	2,400	3,080	2,800
BB	Hedge/Member	Mnth12	Increase	USD	2,400	2,400	2,800	2,800
BB	Spec	Mnth13	Increase	USD	2,530	2,300	2,970	2,700
BB	Hedge/Member	Mnth13	Increase	USD	2,300	2,300	2,700	2,700
BB	Spec	Mnth14	Increase	USD	2,475	2,250	2,915	2,650
BB	Hedge/Member	Mnth14	Increase	USD	2,250	2,250	2,650	2,650
BB	Spec	Mnth15	Increase	USD	2,475	2,250	2,915	2,650
BB	Hedge/Member	Mnth15	Increase	USD	2,250	2,250	2,650	2,650
BB	Spec	Mnth16	Increase	USD	2,475	2,250	2,915	2,650
BB	Hedge/Member	Mnth16	Increase	USD	2,250	2,250	2,650	2,650
BB	Spec	Mnth17	Increase	USD	2,420	2,200	2,860	2,600
BB	Hedge/Member	Mnth17	Increase	USD	2,200	2,200	2,600	2,600
BB	Spec	Mnth18	Increase	USD	2,420	2,200	2,860	2,600
BB	Hedge/Member	Mnth18	Increase	USD	2,200	2,200	2,600	2,600
BB	Spec	Mnth19	Increase	USD	2,365	2,150	2,805	2,550
BB	Hedge/Member	Mnth19	Increase	USD	2,150	2,150	2,550	2,550
BB	Spec	Mnth20	Increase	USD	2,365	2,150	2,805	2,550

## 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	Mnth20	Increase	USD	2,150	2,150	2,550	2,550
BB	Spec	Mnth21	Increase	USD	2,420	2,200	2,860	2,600
BB	Hedge/Member	Mnth21	Increase	USD	2,200	2,200	2,600	2,600
BB	Spec	Mnth22	Increase	USD	2,365	2,150	2,805	2,550
BB	Hedge/Member	Mnth22	Increase	USD	2,150	2,150	2,550	2,550
BB	Spec	Mnth23	Increase	USD	2,365	2,150	2,805	2,550
BB	Hedge/Member	Mnth23	Increase	USD	2,150	2,150	2,550	2,550
BB	Spec	Mnth24	Increase	USD	2,365	2,150	2,805	2,550
BB	Hedge/Member	Mnth24	Increase	USD	2,150	2,150	2,550	2,550
BB	Spec	Mnth25	Increase	USD	2,365	2,150	2,805	2,550
BB	Hedge/Member	Mnth25	Increase	USD	2,150	2,150	2,550	2,550
BB	Spec	Mnth26	Increase	USD	2,365	2,150	2,805	2,550
BB	Hedge/Member	Mnth26	Increase	USD	2,150	2,150	2,550	2,550
BB	Spec	Mnth27	Increase	USD	2,365	2,150	2,805	2,550
BB	Hedge/Member	Mnth27	Increase	USD	2,150	2,150	2,550	2,550
BB	Spec	Mnth28	Increase	USD	2,310	2,100	2,750	2,500
BB	Hedge/Member	Mnth28	Increase	USD	2,100	2,100	2,500	2,500
BB	Spec	Mnth29	Increase	USD	2,310	2,100	2,750	2,500
BB	Hedge/Member	Mnth29	Increase	USD	2,100	2,100	2,500	2,500
BB	Spec	Mnth30	Increase	USD	2,310	2,100	2,750	2,500
BB	Hedge/Member	Mnth30	Increase	USD	2,100	2,100	2,500	2,500
BB	Spec	Mnth31	Increase	USD	2,310	2,100	2,750	2,500
BB	Hedge/Member	Mnth31	Increase	USD	2,100	2,100	2,500	2,500
BB	Spec	Mnth32	Increase	USD	2,310	2,100	2,750	2,500
BB	Hedge/Member	Mnth32	Increase	USD	2,100	2,100	2,500	2,500
BB	Spec	Mnth33	Increase	USD	2,310	2,100	2,750	2,500
BB	Hedge/Member	Mnth33	Increase	USD	2,100	2,100	2,500	2,500
BB	Spec	Mnth34	Increase	USD	2,310	2,100	2,750	2,500
BB	Hedge/Member	Mnth34	Increase	USD	2,100	2,100	2,500	2,500
BB	Spec	Mnth35	Increase	USD	2,255	2,050	2,695	2,450
BB	Hedge/Member	Mnth35	Increase	USD	2,050	2,050	2,450	2,450
BB	Spec	Mnth36	Increase	USD	2,255	2,050	2,695	2,450
BB	Hedge/Member	Mnth36	Increase	USD	2,050	2,050	2,450	2,450
BB	Spec	Mnth37	Increase	USD	2,255	2,050	2,695	2,450
BB	Hedge/Member	Mnth37	Increase	USD	2,050	2,050	2,450	2,450
BB	Spec	Mnth38	Increase	USD	2,255	2,050	2,695	2,450
BB	Hedge/Member	Mnth38	Increase	USD	2,050	2,050	2,450	2,450
BB	Spec	Mnth39	Increase	USD	2,255	2,050	2,695	2,450
BB	Hedge/Member	Mnth39	Increase	USD	2,050	2,050	2,450	2,450
BB	Spec	Mnth40	Increase	USD	2,255	2,050	2,695	2,450

## 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	Mnth40	Increase	USD	2,050	2,050	2,450	2,450
BB	Spec	Mnth41	Increase	USD	2,255	2,050	2,695	2,450
BB	Hedge/Member	Mnth41	Increase	USD	2,050	2,050	2,450	2,450
BB	Spec	Mnth42	Increase	USD	2,200	2,000	2,640	2,400
BB	Hedge/Member	Mnth42	Increase	USD	2,000	2,000	2,400	2,400
BB	Spec	Mnth43	Increase	USD	2,200	2,000	2,640	2,400
BB	Hedge/Member	Mnth43	Increase	USD	2,000	2,000	2,400	2,400
BB	Spec	Mnth44	Increase	USD	2,200	2,000	2,640	2,400
BB	Hedge/Member	Mnth44	Increase	USD	2,000	2,000	2,400	2,400
BB	Spec	Mnth45	Increase	USD	2,200	2,000	2,640	2,400
BB	Hedge/Member	Mnth45	Increase	USD	2,000	2,000	2,400	2,400
BB	Spec	Mnth46	Increase	USD	2,200	2,000	2,640	2,400
BB	Hedge/Member	Mnth46	Increase	USD	2,000	2,000	2,400	2,400
BB	Spec	Mnth47	Increase	USD	2,200	2,000	2,640	2,400
BB	Hedge/Member	Mnth47	Increase	USD	2,000	2,000	2,400	2,400
BB	Spec	Mnth48	Increase	USD	2,200	2,000	2,640	2,400
BB	Hedge/Member	Mnth48	Increase	USD	2,000	2,000	2,400	2,400
BB	Spec	Mnth49	Increase	USD	2,200	2,000	2,640	2,400
BB	Hedge/Member	Mnth49	Increase	USD	2,000	2,000	2,400	2,400
BB	Spec	Mnth50	Increase	USD	2,200	2,000	2,640	2,400
BB	Hedge/Member	Mnth50	Increase	USD	2,000	2,000	2,400	2,400
BB	Spec	Mnth51	Increase	USD	2,200	2,000	2,640	2,400
BB	Hedge/Member	Mnth51	Increase	USD	2,000	2,000	2,400	2,400
BB	Spec	Mnth52	Increase	USD	2,200	2,000	2,640	2,400
BB	Hedge/Member	Mnth52	Increase	USD	2,000	2,000	2,400	2,400
BB	Spec	Mnth53	Increase	USD	2,200	2,000	2,640	2,400
BB	Hedge/Member	Mnth53	Increase	USD	2,000	2,000	2,400	2,400
BB	Spec	Mnth54	Increase	USD	2,200	2,000	2,640	2,400
BB	Hedge/Member	Mnth54	Increase	USD	2,000	2,000	2,400	2,400
BB	Spec	Mnth55	Increase	USD	2,200	2,000	2,640	2,400
BB	Hedge/Member	Mnth55	Increase	USD	2,000	2,000	2,400	2,400
BB	Spec	Mnth56	Increase	USD	2,200	2,000	2,640	2,400
BB	Hedge/Member	Mnth56	Increase	USD	2,000	2,000	2,400	2,400
BB	Spec	Mnth57	Increase	USD	2,200	2,000	2,640	2,400
BB	Hedge/Member	Mnth57	Increase	USD	2,000	2,000	2,400	2,400
BB	Spec	Mnth58	Increase	USD	2,200	2,000	2,640	2,400
BB	Hedge/Member	Mnth58	Increase	USD	2,000	2,000	2,400	2,400
BB	Spec	Mnth59	Increase	USD	2,200	2,000	2,640	2,400
BB	Hedge/Member	Mnth59	Increase	USD	2,000	2,000	2,400	2,400
BB	Spec	Mnth60	Increase	USD	2,200	2,000	2,640	2,400

## 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	Mnth60	Increase	USD	2,000	2,000	2,400	2,400
BB	Spec	Mnth61	Increase	USD	2,200	2,000	2,640	2,400
BB	Hedge/Member	Mnth61	Increase	USD	2,000	2,000	2,400	2,400
BB	Spec	Mnth62	Increase	USD	2,200	2,000	2,640	2,400
BB	Hedge/Member	Mnth62	Increase	USD	2,000	2,000	2,400	2,400
BB	Spec	Mnth63	Increase	USD	2,200	2,000	2,640	2,400
BB	Hedge/Member	Mnth63	Increase	USD	2,000	2,000	2,400	2,400
BB	Spec	Mnth64	Increase	USD	2,200	2,000	2,640	2,400
BB	Hedge/Member	Mnth64	Increase	USD	2,000	2,000	2,400	2,400
BB	Spec	Mnth65+	Increase	USD	2,200	2,000	2,640	2,400
BB	Hedge/Member	Mnth65+	Increase	USD	2,000	2,000	2,400	2,400

## SPAN MINIMUM PERFORMANCE BOND REQUIREMENTS

CC	Rate Type	Description	Change	ISO	Current Initial	Current Maintenance	New Initial	New Maintenance
<b>Outright Rates</b>								
<b>BRENT FINANCIAL FUTURES (CY)</b>								
CY	Spec	Mnth1	Increase	USD	3,740	3,400	4,180	3,800
CY	Hedge/Member	Mnth1	Increase	USD	3,400	3,400	3,800	3,800
CY	Spec	Mnth2	Increase	USD	3,630	3,300	4,070	3,700
CY	Hedge/Member	Mnth2	Increase	USD	3,300	3,300	3,700	3,700
CY	Spec	Mnth3	Increase	USD	3,630	3,300	4,070	3,700
CY	Hedge/Member	Mnth3	Increase	USD	3,300	3,300	3,700	3,700
CY	Spec	Mnth4	Increase	USD	3,520	3,200	3,960	3,600
CY	Hedge/Member	Mnth4	Increase	USD	3,200	3,200	3,600	3,600
CY	Spec	Mnth5	Increase	USD	3,410	3,100	3,850	3,500
CY	Hedge/Member	Mnth5	Increase	USD	3,100	3,100	3,500	3,500
CY	Spec	Mnth6	Increase	USD	3,300	3,000	3,740	3,400
CY	Hedge/Member	Mnth6	Increase	USD	3,000	3,000	3,400	3,400
CY	Spec	Mnth7	Increase	USD	3,190	2,900	3,630	3,300
CY	Hedge/Member	Mnth7	Increase	USD	2,900	2,900	3,300	3,300
CY	Spec	Mnth8	Increase	USD	3,080	2,800	3,520	3,200
CY	Hedge/Member	Mnth8	Increase	USD	2,800	2,800	3,200	3,200
CY	Spec	Mnth9	Increase	USD	2,970	2,700	3,410	3,100
CY	Hedge/Member	Mnth9	Increase	USD	2,700	2,700	3,100	3,100
CY	Spec	Mnth10	Increase	USD	2,860	2,600	3,300	3,000
CY	Hedge/Member	Mnth10	Increase	USD	2,600	2,600	3,000	3,000
CY	Spec	Mnth11	Increase	USD	2,750	2,500	3,190	2,900
CY	Hedge/Member	Mnth11	Increase	USD	2,500	2,500	2,900	2,900
CY	Spec	Mnth12	Increase	USD	2,640	2,400	3,080	2,800
CY	Hedge/Member	Mnth12	Increase	USD	2,400	2,400	2,800	2,800
CY	Spec	Mnth13	Increase	USD	2,530	2,300	2,970	2,700
CY	Hedge/Member	Mnth13	Increase	USD	2,300	2,300	2,700	2,700
CY	Spec	Mnth14	Increase	USD	2,475	2,250	2,915	2,650
CY	Hedge/Member	Mnth14	Increase	USD	2,250	2,250	2,650	2,650
CY	Spec	Mnth15	Increase	USD	2,475	2,250	2,915	2,650
CY	Hedge/Member	Mnth15	Increase	USD	2,250	2,250	2,650	2,650
CY	Spec	Mnth16	Increase	USD	2,475	2,250	2,915	2,650
CY	Hedge/Member	Mnth16	Increase	USD	2,250	2,250	2,650	2,650
CY	Spec	Mnth17	Increase	USD	2,420	2,200	2,860	2,600
CY	Hedge/Member	Mnth17	Increase	USD	2,200	2,200	2,600	2,600
CY	Spec	Mnth18	Increase	USD	2,420	2,200	2,860	2,600
CY	Hedge/Member	Mnth18	Increase	USD	2,200	2,200	2,600	2,600
CY	Spec	Mnth19	Increase	USD	2,420	2,200	2,860	2,600
CY	Hedge/Member	Mnth19	Increase	USD	2,200	2,200	2,600	2,600
CY	Spec	Mnth20	Increase	USD	2,420	2,200	2,860	2,600

## SPAN MINIMUM PERFORMANCE BOND REQUIREMENTS

CC	Rate Type	Description	Change	ISO	Current Initial	Current Maintenance	New Initial	New Maintenance
<b>Outright Rates</b>								
CY	Hedge/Member	Mnth20	Increase	USD	2,200	2,200	2,600	2,600
CY	Spec	Mnth21	Increase	USD	2,420	2,200	2,860	2,600
CY	Hedge/Member	Mnth21	Increase	USD	2,200	2,200	2,600	2,600
CY	Spec	Mnth22	Increase	USD	2,365	2,150	2,805	2,550
CY	Hedge/Member	Mnth22	Increase	USD	2,150	2,150	2,550	2,550
CY	Spec	Mnth23	Increase	USD	2,365	2,150	2,805	2,550
CY	Hedge/Member	Mnth23	Increase	USD	2,150	2,150	2,550	2,550
CY	Spec	Mnth24	Increase	USD	2,365	2,150	2,805	2,550
CY	Hedge/Member	Mnth24	Increase	USD	2,150	2,150	2,550	2,550
CY	Spec	Mnth25	Increase	USD	2,365	2,150	2,805	2,550
CY	Hedge/Member	Mnth25	Increase	USD	2,150	2,150	2,550	2,550
CY	Spec	Mnth26	Increase	USD	2,365	2,150	2,805	2,550
CY	Hedge/Member	Mnth26	Increase	USD	2,150	2,150	2,550	2,550
CY	Spec	Mnth27	Increase	USD	2,365	2,150	2,805	2,550
CY	Hedge/Member	Mnth27	Increase	USD	2,150	2,150	2,550	2,550
CY	Spec	Mnth28	Increase	USD	2,310	2,100	2,750	2,500
CY	Hedge/Member	Mnth28	Increase	USD	2,100	2,100	2,500	2,500
CY	Spec	Mnth29	Increase	USD	2,310	2,100	2,750	2,500
CY	Hedge/Member	Mnth29	Increase	USD	2,100	2,100	2,500	2,500
CY	Spec	Mnth30	Increase	USD	2,310	2,100	2,750	2,500
CY	Hedge/Member	Mnth30	Increase	USD	2,100	2,100	2,500	2,500
CY	Spec	Mnth31	Increase	USD	2,310	2,100	2,750	2,500
CY	Hedge/Member	Mnth31	Increase	USD	2,100	2,100	2,500	2,500
CY	Spec	Mnth32	Increase	USD	2,310	2,100	2,750	2,500
CY	Hedge/Member	Mnth32	Increase	USD	2,100	2,100	2,500	2,500
CY	Spec	Mnth33	Increase	USD	2,310	2,100	2,750	2,500
CY	Hedge/Member	Mnth33	Increase	USD	2,100	2,100	2,500	2,500
CY	Spec	Mnth34	Increase	USD	2,310	2,100	2,750	2,500
CY	Hedge/Member	Mnth34	Increase	USD	2,100	2,100	2,500	2,500
CY	Spec	Mnth35	Increase	USD	2,255	2,050	2,695	2,450
CY	Hedge/Member	Mnth35	Increase	USD	2,050	2,050	2,450	2,450
CY	Spec	Mnth36	Increase	USD	2,255	2,050	2,695	2,450
CY	Hedge/Member	Mnth36	Increase	USD	2,050	2,050	2,450	2,450
CY	Spec	Mnth37	Increase	USD	2,255	2,050	2,695	2,450
CY	Hedge/Member	Mnth37	Increase	USD	2,050	2,050	2,450	2,450
CY	Spec	Mnth38	Increase	USD	2,255	2,050	2,695	2,450
CY	Hedge/Member	Mnth38	Increase	USD	2,050	2,050	2,450	2,450
CY	Spec	Mnth39	Increase	USD	2,255	2,050	2,695	2,450
CY	Hedge/Member	Mnth39	Increase	USD	2,050	2,050	2,450	2,450
CY	Spec	Mnth40	Increase	USD	2,255	2,050	2,695	2,450

## SPAN MINIMUM PERFORMANCE BOND REQUIREMENTS

CC	Rate Type	Description	Change	ISO	Current Initial	Current Maintenance	New Initial	New Maintenance
<b>Outright Rates</b>								
CY	Hedge/Member	Mnth40	Increase	USD	2,050	2,050	2,450	2,450
CY	Spec	Mnth41	Increase	USD	2,255	2,050	2,695	2,450
CY	Hedge/Member	Mnth41	Increase	USD	2,050	2,050	2,450	2,450
CY	Spec	Mnth42	Increase	USD	2,200	2,000	2,640	2,400
CY	Hedge/Member	Mnth42	Increase	USD	2,000	2,000	2,400	2,400
CY	Spec	Mnth43	Increase	USD	2,200	2,000	2,640	2,400
CY	Hedge/Member	Mnth43	Increase	USD	2,000	2,000	2,400	2,400
CY	Spec	Mnth44	Increase	USD	2,200	2,000	2,640	2,400
CY	Hedge/Member	Mnth44	Increase	USD	2,000	2,000	2,400	2,400
CY	Spec	Mnth45	Increase	USD	2,200	2,000	2,640	2,400
CY	Hedge/Member	Mnth45	Increase	USD	2,000	2,000	2,400	2,400
CY	Spec	Mnth46	Increase	USD	2,200	2,000	2,640	2,400
CY	Hedge/Member	Mnth46	Increase	USD	2,000	2,000	2,400	2,400
CY	Spec	Mnth47	Increase	USD	2,200	2,000	2,640	2,400
CY	Hedge/Member	Mnth47	Increase	USD	2,000	2,000	2,400	2,400
CY	Spec	Mnth48	Increase	USD	2,200	2,000	2,640	2,400
CY	Hedge/Member	Mnth48	Increase	USD	2,000	2,000	2,400	2,400
CY	Spec	Mnth49	Increase	USD	2,200	2,000	2,640	2,400
CY	Hedge/Member	Mnth49	Increase	USD	2,000	2,000	2,400	2,400
CY	Spec	Mnth50	Increase	USD	2,200	2,000	2,640	2,400
CY	Hedge/Member	Mnth50	Increase	USD	2,000	2,000	2,400	2,400
CY	Spec	Mnth51	Increase	USD	2,200	2,000	2,640	2,400
CY	Hedge/Member	Mnth51	Increase	USD	2,000	2,000	2,400	2,400
CY	Spec	Mnth52	Increase	USD	2,200	2,000	2,640	2,400
CY	Hedge/Member	Mnth52	Increase	USD	2,000	2,000	2,400	2,400
CY	Spec	Mnth53	Increase	USD	2,200	2,000	2,640	2,400
CY	Hedge/Member	Mnth53	Increase	USD	2,000	2,000	2,400	2,400
CY	Spec	Mnth54	Increase	USD	2,200	2,000	2,640	2,400
CY	Hedge/Member	Mnth54	Increase	USD	2,000	2,000	2,400	2,400
CY	Spec	Mnth55	Increase	USD	2,200	2,000	2,640	2,400
CY	Hedge/Member	Mnth55	Increase	USD	2,000	2,000	2,400	2,400
CY	Spec	Mnth56	Increase	USD	2,200	2,000	2,640	2,400
CY	Hedge/Member	Mnth56	Increase	USD	2,000	2,000	2,400	2,400
CY	Spec	Mnth57	Increase	USD	2,200	2,000	2,640	2,400
CY	Hedge/Member	Mnth57	Increase	USD	2,000	2,000	2,400	2,400
CY	Spec	Mnth58	Increase	USD	2,200	2,000	2,640	2,400
CY	Hedge/Member	Mnth58	Increase	USD	2,000	2,000	2,400	2,400
CY	Spec	Mnth59	Increase	USD	2,200	2,000	2,640	2,400
CY	Hedge/Member	Mnth59	Increase	USD	2,000	2,000	2,400	2,400
CY	Spec	Mnth60	Increase	USD	2,200	2,000	2,640	2,400



## SPAN MINIMUM PERFORMANCE BOND REQUIREMENTS

CC	Rate Type	Description	Change	ISO	Current Initial	Current Maintenance	New Initial	New Maintenance
<b>Outright Rates</b>								
CY	Hedge/Member	Mnth60	Increase	USD	2,000	2,000	2,400	2,400
CY	Spec	Mnth61	Increase	USD	2,200	2,000	2,640	2,400
CY	Hedge/Member	Mnth61	Increase	USD	2,000	2,000	2,400	2,400
CY	Spec	Mnth62	Increase	USD	2,200	2,000	2,640	2,400
CY	Hedge/Member	Mnth62	Increase	USD	2,000	2,000	2,400	2,400
CY	Spec	Mnth63	Increase	USD	2,200	2,000	2,640	2,400
CY	Hedge/Member	Mnth63	Increase	USD	2,000	2,000	2,400	2,400
CY	Spec	Mnth64	Increase	USD	2,200	2,000	2,640	2,400
CY	Hedge/Member	Mnth64	Increase	USD	2,000	2,000	2,400	2,400
CY	Spec	Mnth65+	Increase	USD	2,200	2,000	2,640	2,400
CY	Hedge/Member	Mnth65+	Increase	USD	2,000	2,000	2,400	2,400

## SPAN MINIMUM PERFORMANCE BOND REQUIREMENTS

CC	Rate Type	Description	Change	ISO	Current Initial	Current Maintenance	New Initial	New Maintenance
<b>Outright Rates</b>								
<b>BRENT LAST DAY CONTRACT (BZ)</b>								
BZ	Spec	Mnth1	Increase	USD	3,740	3,400	4,180	3,800
BZ	Hedge/Member	Mnth1	Increase	USD	3,400	3,400	3,800	3,800
BZ	Spec	Mnth2	Increase	USD	3,630	3,300	4,070	3,700
BZ	Hedge/Member	Mnth2	Increase	USD	3,300	3,300	3,700	3,700
BZ	Spec	Mnth3	Increase	USD	3,630	3,300	4,070	3,700
BZ	Hedge/Member	Mnth3	Increase	USD	3,300	3,300	3,700	3,700
BZ	Spec	Mnth4	Increase	USD	3,520	3,200	3,960	3,600
BZ	Hedge/Member	Mnth4	Increase	USD	3,200	3,200	3,600	3,600
BZ	Spec	Mnth5	Increase	USD	3,410	3,100	3,850	3,500
BZ	Hedge/Member	Mnth5	Increase	USD	3,100	3,100	3,500	3,500
BZ	Spec	Mnth6	Increase	USD	3,300	3,000	3,740	3,400
BZ	Hedge/Member	Mnth6	Increase	USD	3,000	3,000	3,400	3,400
BZ	Spec	Mnth7	Increase	USD	3,190	2,900	3,630	3,300
BZ	Hedge/Member	Mnth7	Increase	USD	2,900	2,900	3,300	3,300
BZ	Spec	Mnth8	Increase	USD	3,080	2,800	3,520	3,200
BZ	Hedge/Member	Mnth8	Increase	USD	2,800	2,800	3,200	3,200
BZ	Spec	Mnth9	Increase	USD	2,970	2,700	3,410	3,100
BZ	Hedge/Member	Mnth9	Increase	USD	2,700	2,700	3,100	3,100
BZ	Spec	Mnth10	Increase	USD	2,860	2,600	3,300	3,000
BZ	Hedge/Member	Mnth10	Increase	USD	2,600	2,600	3,000	3,000
BZ	Spec	Mnth11	Increase	USD	2,750	2,500	3,190	2,900
BZ	Hedge/Member	Mnth11	Increase	USD	2,500	2,500	2,900	2,900
BZ	Spec	Mnth12	Increase	USD	2,640	2,400	3,080	2,800
BZ	Hedge/Member	Mnth12	Increase	USD	2,400	2,400	2,800	2,800
BZ	Spec	Mnth13	Increase	USD	2,530	2,300	2,970	2,700
BZ	Hedge/Member	Mnth13	Increase	USD	2,300	2,300	2,700	2,700
BZ	Spec	Mnth14	Increase	USD	2,475	2,250	2,915	2,650
BZ	Hedge/Member	Mnth14	Increase	USD	2,250	2,250	2,650	2,650
BZ	Spec	Mnth15	Increase	USD	2,475	2,250	2,915	2,650
BZ	Hedge/Member	Mnth15	Increase	USD	2,250	2,250	2,650	2,650
BZ	Spec	Mnth16	Increase	USD	2,475	2,250	2,915	2,650
BZ	Hedge/Member	Mnth16	Increase	USD	2,250	2,250	2,650	2,650
BZ	Spec	Mnth17	Increase	USD	2,420	2,200	2,860	2,600
BZ	Hedge/Member	Mnth17	Increase	USD	2,200	2,200	2,600	2,600
BZ	Spec	Mnth18	Increase	USD	2,420	2,200	2,860	2,600
BZ	Hedge/Member	Mnth18	Increase	USD	2,200	2,200	2,600	2,600
BZ	Spec	Mnth19	Increase	USD	2,420	2,200	2,860	2,600
BZ	Hedge/Member	Mnth19	Increase	USD	2,200	2,200	2,600	2,600
BZ	Spec	Mnth20	Increase	USD	2,420	2,200	2,860	2,600

## SPAN MINIMUM PERFORMANCE BOND REQUIREMENTS

CC	Rate Type	Description	Change	ISO	Current Initial	Current Maintenance	New Initial	New Maintenance
<b>Outright Rates</b>								
BZ	Hedge/Member	Mnth20	Increase	USD	2,200	2,200	2,600	2,600
BZ	Spec	Mnth21	Increase	USD	2,420	2,200	2,860	2,600
BZ	Hedge/Member	Mnth21	Increase	USD	2,200	2,200	2,600	2,600
BZ	Spec	Mnth22	Increase	USD	2,365	2,150	2,805	2,550
BZ	Hedge/Member	Mnth22	Increase	USD	2,150	2,150	2,550	2,550
BZ	Spec	Mnth23	Increase	USD	2,365	2,150	2,805	2,550
BZ	Hedge/Member	Mnth23	Increase	USD	2,150	2,150	2,550	2,550
BZ	Spec	Mnth24	Increase	USD	2,365	2,150	2,805	2,550
BZ	Hedge/Member	Mnth24	Increase	USD	2,150	2,150	2,550	2,550
BZ	Spec	Mnth25	Increase	USD	2,365	2,150	2,805	2,550
BZ	Hedge/Member	Mnth25	Increase	USD	2,150	2,150	2,550	2,550
BZ	Spec	Mnth26	Increase	USD	2,365	2,150	2,805	2,550
BZ	Hedge/Member	Mnth26	Increase	USD	2,150	2,150	2,550	2,550
BZ	Spec	Mnth27	Increase	USD	2,365	2,150	2,805	2,550
BZ	Hedge/Member	Mnth27	Increase	USD	2,150	2,150	2,550	2,550
BZ	Spec	Mnth28	Increase	USD	2,310	2,100	2,750	2,500
BZ	Hedge/Member	Mnth28	Increase	USD	2,100	2,100	2,500	2,500
BZ	Spec	Mnth29	Increase	USD	2,310	2,100	2,750	2,500
BZ	Hedge/Member	Mnth29	Increase	USD	2,100	2,100	2,500	2,500
BZ	Spec	Mnth30	Increase	USD	2,310	2,100	2,750	2,500
BZ	Hedge/Member	Mnth30	Increase	USD	2,100	2,100	2,500	2,500
BZ	Spec	Mnth31	Increase	USD	2,310	2,100	2,750	2,500
BZ	Hedge/Member	Mnth31	Increase	USD	2,100	2,100	2,500	2,500
BZ	Spec	Mnth32	Increase	USD	2,310	2,100	2,750	2,500
BZ	Hedge/Member	Mnth32	Increase	USD	2,100	2,100	2,500	2,500
BZ	Spec	Mnth33	Increase	USD	2,310	2,100	2,750	2,500
BZ	Hedge/Member	Mnth33	Increase	USD	2,100	2,100	2,500	2,500
BZ	Spec	Mnth34	Increase	USD	2,310	2,100	2,750	2,500
BZ	Hedge/Member	Mnth34	Increase	USD	2,100	2,100	2,500	2,500
BZ	Spec	Mnth35	Increase	USD	2,255	2,050	2,695	2,450
BZ	Hedge/Member	Mnth35	Increase	USD	2,050	2,050	2,450	2,450
BZ	Spec	Mnth36	Increase	USD	2,255	2,050	2,695	2,450
BZ	Hedge/Member	Mnth36	Increase	USD	2,050	2,050	2,450	2,450
BZ	Spec	Mnth37	Increase	USD	2,255	2,050	2,695	2,450
BZ	Hedge/Member	Mnth37	Increase	USD	2,050	2,050	2,450	2,450
BZ	Spec	Mnth38	Increase	USD	2,255	2,050	2,695	2,450
BZ	Hedge/Member	Mnth38	Increase	USD	2,050	2,050	2,450	2,450
BZ	Spec	Mnth39	Increase	USD	2,255	2,050	2,695	2,450
BZ	Hedge/Member	Mnth39	Increase	USD	2,050	2,050	2,450	2,450
BZ	Spec	Mnth40	Increase	USD	2,255	2,050	2,695	2,450

## SPAN MINIMUM PERFORMANCE BOND REQUIREMENTS

CC	Rate Type	Description	Change	ISO	Current Initial	Current Maintenance	New Initial	New Maintenance
<b>Outright Rates</b>								
BZ	Hedge/Member	Mnth40	Increase	USD	2,050	2,050	2,450	2,450
BZ	Spec	Mnth41	Increase	USD	2,255	2,050	2,695	2,450
BZ	Hedge/Member	Mnth41	Increase	USD	2,050	2,050	2,450	2,450
BZ	Spec	Mnth42	Increase	USD	2,200	2,000	2,695	2,450
BZ	Hedge/Member	Mnth42	Increase	USD	2,000	2,000	2,450	2,450
BZ	Spec	Mnth43	Increase	USD	2,200	2,000	2,640	2,400
BZ	Hedge/Member	Mnth43	Increase	USD	2,000	2,000	2,400	2,400
BZ	Spec	Mnth44	Increase	USD	2,200	2,000	2,640	2,400
BZ	Hedge/Member	Mnth44	Increase	USD	2,000	2,000	2,400	2,400
BZ	Spec	Mnth45	Increase	USD	2,200	2,000	2,640	2,400
BZ	Hedge/Member	Mnth45	Increase	USD	2,000	2,000	2,400	2,400
BZ	Spec	Mnth46	Increase	USD	2,200	2,000	2,640	2,400
BZ	Hedge/Member	Mnth46	Increase	USD	2,000	2,000	2,400	2,400
BZ	Spec	Mnth47	Increase	USD	2,200	2,000	2,640	2,400
BZ	Hedge/Member	Mnth47	Increase	USD	2,000	2,000	2,400	2,400
BZ	Spec	Mnth48	Increase	USD	2,200	2,000	2,640	2,400
BZ	Hedge/Member	Mnth48	Increase	USD	2,000	2,000	2,400	2,400
BZ	Spec	Mnth49	Increase	USD	2,200	2,000	2,640	2,400
BZ	Hedge/Member	Mnth49	Increase	USD	2,000	2,000	2,400	2,400
BZ	Spec	Mnth50	Increase	USD	2,200	2,000	2,640	2,400
BZ	Hedge/Member	Mnth50	Increase	USD	2,000	2,000	2,400	2,400
BZ	Spec	Mnth51	Increase	USD	2,200	2,000	2,640	2,400
BZ	Hedge/Member	Mnth51	Increase	USD	2,000	2,000	2,400	2,400
BZ	Spec	Mnth52	Increase	USD	2,200	2,000	2,640	2,400
BZ	Hedge/Member	Mnth52	Increase	USD	2,000	2,000	2,400	2,400
BZ	Spec	Mnth53	Increase	USD	2,200	2,000	2,640	2,400
BZ	Hedge/Member	Mnth53	Increase	USD	2,000	2,000	2,400	2,400
BZ	Spec	Mnth54	Increase	USD	2,200	2,000	2,640	2,400
BZ	Hedge/Member	Mnth54	Increase	USD	2,000	2,000	2,400	2,400
BZ	Spec	Mnth55	Increase	USD	2,200	2,000	2,640	2,400
BZ	Hedge/Member	Mnth55	Increase	USD	2,000	2,000	2,400	2,400
BZ	Spec	Mnth56	Increase	USD	2,200	2,000	2,640	2,400
BZ	Hedge/Member	Mnth56	Increase	USD	2,000	2,000	2,400	2,400
BZ	Spec	Mnth57	Increase	USD	2,200	2,000	2,640	2,400
BZ	Hedge/Member	Mnth57	Increase	USD	2,000	2,000	2,400	2,400
BZ	Spec	Mnth58	Increase	USD	2,200	2,000	2,640	2,400
BZ	Hedge/Member	Mnth58	Increase	USD	2,000	2,000	2,400	2,400
BZ	Spec	Mnth59	Increase	USD	2,200	2,000	2,640	2,400
BZ	Hedge/Member	Mnth59	Increase	USD	2,000	2,000	2,400	2,400
BZ	Spec	Mnth60	Increase	USD	2,200	2,000	2,640	2,400

## SPAN MINIMUM PERFORMANCE BOND REQUIREMENTS

CC	Rate Type	Description	Change	ISO	Current Initial	Current Maintenance	New Initial	New Maintenance
<b>Outright Rates</b>								
BZ	Hedge/Member	Mnth60	Increase	USD	2,000	2,000	2,400	2,400
BZ	Spec	Mnth61	Increase	USD	2,200	2,000	2,640	2,400
BZ	Hedge/Member	Mnth61	Increase	USD	2,000	2,000	2,400	2,400
BZ	Spec	Mnth62	Increase	USD	2,200	2,000	2,640	2,400
BZ	Hedge/Member	Mnth62	Increase	USD	2,000	2,000	2,400	2,400
BZ	Spec	Mnth63	Increase	USD	2,200	2,000	2,640	2,400
BZ	Hedge/Member	Mnth63	Increase	USD	2,000	2,000	2,400	2,400
BZ	Spec	Mnth64	Increase	USD	2,200	2,000	2,640	2,400
BZ	Hedge/Member	Mnth64	Increase	USD	2,000	2,000	2,400	2,400
BZ	Spec	Mnth65+	Increase	USD	2,200	2,000	2,640	2,400
BZ	Hedge/Member	Mnth65+	Increase	USD	2,000	2,000	2,400	2,400

## 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 LAST DAY FINANCIAL FUT (26)</b>								
26	Spec	Mnth1	Increase	USD	3,740	3,400	4,070	3,700
26	Hedge/Member	Mnth1	Increase	USD	3,400	3,400	3,700	3,700
26	Spec	Mnth2	Increase	USD	3,630	3,300	3,960	3,600
26	Hedge/Member	Mnth2	Increase	USD	3,300	3,300	3,600	3,600
26	Spec	Mnth3	Increase	USD	3,520	3,200	3,850	3,500
26	Hedge/Member	Mnth3	Increase	USD	3,200	3,200	3,500	3,500
26	Spec	Mnth4	Increase	USD	3,300	3,000	3,630	3,300
26	Hedge/Member	Mnth4	Increase	USD	3,000	3,000	3,300	3,300
26	Spec	Mnth5	Increase	USD	3,135	2,850	3,465	3,150
26	Hedge/Member	Mnth5	Increase	USD	2,850	2,850	3,150	3,150
26	Spec	Mnth6	Increase	USD	3,025	2,750	3,355	3,050
26	Hedge/Member	Mnth6	Increase	USD	2,750	2,750	3,050	3,050
26	Spec	Mnth7	Increase	USD	2,915	2,650	3,245	2,950
26	Hedge/Member	Mnth7	Increase	USD	2,650	2,650	2,950	2,950
26	Spec	Mnth8	Increase	USD	2,860	2,600	3,190	2,900
26	Hedge/Member	Mnth8	Increase	USD	2,600	2,600	2,900	2,900
26	Spec	Mnth9	Increase	USD	2,805	2,550	3,135	2,850
26	Hedge/Member	Mnth9	Increase	USD	2,550	2,550	2,850	2,850
26	Spec	Mnth10	Increase	USD	2,750	2,500	3,080	2,800
26	Hedge/Member	Mnth10	Increase	USD	2,500	2,500	2,800	2,800
26	Spec	Mnth11	Increase	USD	2,695	2,450	3,025	2,750
26	Hedge/Member	Mnth11	Increase	USD	2,450	2,450	2,750	2,750
26	Spec	Mnth12	Increase	USD	2,640	2,400	2,970	2,700
26	Hedge/Member	Mnth12	Increase	USD	2,400	2,400	2,700	2,700
26	Spec	Mnth13	Increase	USD	2,640	2,400	2,970	2,700
26	Hedge/Member	Mnth13	Increase	USD	2,400	2,400	2,700	2,700
26	Spec	Mnth14	Increase	USD	2,585	2,350	2,915	2,650
26	Hedge/Member	Mnth14	Increase	USD	2,350	2,350	2,650	2,650
26	Spec	Mnth15	Increase	USD	2,475	2,250	2,805	2,550
26	Hedge/Member	Mnth15	Increase	USD	2,250	2,250	2,550	2,550
26	Spec	Mnth16	Increase	USD	2,420	2,200	2,750	2,500
26	Hedge/Member	Mnth16	Increase	USD	2,200	2,200	2,500	2,500
26	Spec	Mnth17	Increase	USD	2,420	2,200	2,750	2,500
26	Hedge/Member	Mnth17	Increase	USD	2,200	2,200	2,500	2,500
26	Spec	Mnth18	Increase	USD	2,310	2,100	2,640	2,400
26	Hedge/Member	Mnth18	Increase	USD	2,100	2,100	2,400	2,400
26	Spec	Mnth19	Increase	USD	2,310	2,100	2,640	2,400
26	Hedge/Member	Mnth19	Increase	USD	2,100	2,100	2,400	2,400
26	Spec	Mnth20	Increase	USD	2,255	2,050	2,585	2,350

## SPAN MINIMUM PERFORMANCE BOND REQUIREMENTS

CC	Rate Type	Description	Change	ISO	Current Initial	Current Maintenance	New Initial	New Maintenance
<b>Outright Rates</b>								
26	Hedge/Member	Mnth20	Increase	USD	2,050	2,050	2,350	2,350
26	Spec	Mnth21	Increase	USD	2,200	2,000	2,530	2,300
26	Hedge/Member	Mnth21	Increase	USD	2,000	2,000	2,300	2,300
26	Spec	Mnth22	Increase	USD	2,200	2,000	2,530	2,300
26	Hedge/Member	Mnth22	Increase	USD	2,000	2,000	2,300	2,300
26	Spec	Mnth23	Increase	USD	2,145	1,950	2,475	2,250
26	Hedge/Member	Mnth23	Increase	USD	1,950	1,950	2,250	2,250
26	Spec	Mnth24	Increase	USD	2,145	1,950	2,475	2,250
26	Hedge/Member	Mnth24	Increase	USD	1,950	1,950	2,250	2,250
26	Spec	Mnth25	Increase	USD	2,145	1,950	2,475	2,250
26	Hedge/Member	Mnth25	Increase	USD	1,950	1,950	2,250	2,250
26	Spec	Mnth26	Increase	USD	2,090	1,900	2,420	2,200
26	Hedge/Member	Mnth26	Increase	USD	1,900	1,900	2,200	2,200
26	Spec	Mnth27	Increase	USD	2,090	1,900	2,420	2,200
26	Hedge/Member	Mnth27	Increase	USD	1,900	1,900	2,200	2,200
26	Spec	Mnth28	Increase	USD	2,090	1,900	2,420	2,200
26	Hedge/Member	Mnth28	Increase	USD	1,900	1,900	2,200	2,200
26	Spec	Mnth29	Increase	USD	1,980	1,800	2,310	2,100
26	Hedge/Member	Mnth29	Increase	USD	1,800	1,800	2,100	2,100
26	Spec	Mnth30	Increase	USD	1,980	1,800	2,310	2,100
26	Hedge/Member	Mnth30	Increase	USD	1,800	1,800	2,100	2,100
26	Spec	Mnth31	Increase	USD	1,980	1,800	2,310	2,100
26	Hedge/Member	Mnth31	Increase	USD	1,800	1,800	2,100	2,100
26	Spec	Mnth32	Increase	USD	1,870	1,700	2,200	2,000
26	Hedge/Member	Mnth32	Increase	USD	1,700	1,700	2,000	2,000
26	Spec	Mnth33	Increase	USD	1,870	1,700	2,200	2,000
26	Hedge/Member	Mnth33	Increase	USD	1,700	1,700	2,000	2,000
26	Spec	Mnth34	Increase	USD	1,870	1,700	2,200	2,000
26	Hedge/Member	Mnth34	Increase	USD	1,700	1,700	2,000	2,000
26	Spec	Mnth35	Increase	USD	1,870	1,700	2,200	2,000
26	Hedge/Member	Mnth35	Increase	USD	1,700	1,700	2,000	2,000
26	Spec	Mnth36	Increase	USD	1,870	1,700	2,200	2,000
26	Hedge/Member	Mnth36	Increase	USD	1,700	1,700	2,000	2,000
26	Spec	Mnth37	Increase	USD	1,870	1,700	2,200	2,000
26	Hedge/Member	Mnth37	Increase	USD	1,700	1,700	2,000	2,000
26	Spec	Mnth38	Increase	USD	1,870	1,700	2,200	2,000
26	Hedge/Member	Mnth38	Increase	USD	1,700	1,700	2,000	2,000
26	Spec	Mnth39	Increase	USD	1,870	1,700	2,200	2,000
26	Hedge/Member	Mnth39	Increase	USD	1,700	1,700	2,000	2,000
26	Spec	Mnth40	Increase	USD	1,870	1,700	2,200	2,000

## SPAN MINIMUM PERFORMANCE BOND REQUIREMENTS

CC	Rate Type	Description	Change	ISO	Current Initial	Current Maintenance	New Initial	New Maintenance
<b>Outright Rates</b>								
26	Hedge/Member	Mnth40	Increase	USD	1,700	1,700	2,000	2,000
26	Spec	Mnth41	Increase	USD	1,870	1,700	2,200	2,000
26	Hedge/Member	Mnth41	Increase	USD	1,700	1,700	2,000	2,000
26	Spec	Mnth42	Increase	USD	1,870	1,700	2,200	2,000
26	Hedge/Member	Mnth42	Increase	USD	1,700	1,700	2,000	2,000
26	Spec	Mnth43	Increase	USD	1,870	1,700	2,200	2,000
26	Hedge/Member	Mnth43	Increase	USD	1,700	1,700	2,000	2,000
26	Spec	Mnth44	Increase	USD	1,870	1,700	2,200	2,000
26	Hedge/Member	Mnth44	Increase	USD	1,700	1,700	2,000	2,000
26	Spec	Mnth45	Increase	USD	1,870	1,700	2,200	2,000
26	Hedge/Member	Mnth45	Increase	USD	1,700	1,700	2,000	2,000
26	Spec	Mnth46	Increase	USD	1,870	1,700	2,200	2,000
26	Hedge/Member	Mnth46	Increase	USD	1,700	1,700	2,000	2,000
26	Spec	Mnth47	Increase	USD	1,870	1,700	2,200	2,000
26	Hedge/Member	Mnth47	Increase	USD	1,700	1,700	2,000	2,000
26	Spec	Mnth48	Increase	USD	1,870	1,700	2,200	2,000
26	Hedge/Member	Mnth48	Increase	USD	1,700	1,700	2,000	2,000
26	Spec	Mnth49	Increase	USD	1,870	1,700	2,200	2,000
26	Hedge/Member	Mnth49	Increase	USD	1,700	1,700	2,000	2,000
26	Spec	Mnth50	Increase	USD	1,870	1,700	2,200	2,000
26	Hedge/Member	Mnth50	Increase	USD	1,700	1,700	2,000	2,000
26	Spec	Mnth51	Increase	USD	1,870	1,700	2,200	2,000
26	Hedge/Member	Mnth51	Increase	USD	1,700	1,700	2,000	2,000
26	Spec	Mnth52	Increase	USD	1,870	1,700	2,200	2,000
26	Hedge/Member	Mnth52	Increase	USD	1,700	1,700	2,000	2,000
26	Spec	Mnth53	Increase	USD	1,870	1,700	2,200	2,000
26	Hedge/Member	Mnth53	Increase	USD	1,700	1,700	2,000	2,000
26	Spec	Mnth54	Increase	USD	1,870	1,700	2,200	2,000
26	Hedge/Member	Mnth54	Increase	USD	1,700	1,700	2,000	2,000
26	Spec	Mnth55	Increase	USD	1,870	1,700	2,200	2,000
26	Hedge/Member	Mnth55	Increase	USD	1,700	1,700	2,000	2,000
26	Spec	Mnth56	Increase	USD	1,870	1,700	2,200	2,000
26	Hedge/Member	Mnth56	Increase	USD	1,700	1,700	2,000	2,000
26	Spec	Mnth57	Increase	USD	1,870	1,700	2,200	2,000
26	Hedge/Member	Mnth57	Increase	USD	1,700	1,700	2,000	2,000
26	Spec	Mnth58	Increase	USD	1,870	1,700	2,200	2,000
26	Hedge/Member	Mnth58	Increase	USD	1,700	1,700	2,000	2,000
26	Spec	Mnth59	Increase	USD	1,870	1,700	2,200	2,000
26	Hedge/Member	Mnth59	Increase	USD	1,700	1,700	2,000	2,000
26	Spec	Mnth60	Increase	USD	1,870	1,700	2,200	2,000



## SPAN MINIMUM PERFORMANCE BOND REQUIREMENTS

CC	Rate Type	Description	Change	ISO	Current Initial	Current Maintenance	New Initial	New Maintenance
<b>Outright Rates</b>								
26	Hedge/Member	Mnth60	Increase	USD	1,700	1,700	2,000	2,000
26	Spec	Mnth61	Increase	USD	1,870	1,700	2,200	2,000
26	Hedge/Member	Mnth61	Increase	USD	1,700	1,700	2,000	2,000
26	Spec	Mnth62	Increase	USD	1,870	1,700	2,200	2,000
26	Hedge/Member	Mnth62	Increase	USD	1,700	1,700	2,000	2,000
26	Spec	Mnth63	Increase	USD	1,870	1,700	2,200	2,000
26	Hedge/Member	Mnth63	Increase	USD	1,700	1,700	2,000	2,000
26	Spec	Mnth64	Increase	USD	1,870	1,700	2,200	2,000
26	Hedge/Member	Mnth64	Increase	USD	1,700	1,700	2,000	2,000
26	Spec	Mnth65+	Increase	USD	1,870	1,700	2,200	2,000
26	Hedge/Member	Mnth65+	Increase	USD	1,700	1,700	2,000	2,000

## SPAN MINIMUM PERFORMANCE BOND REQUIREMENTS

CC	Rate Type	Description	Change	ISO	Current Initial	Current Maintenance	New Initial	New Maintenance
<b>Outright Rates</b>								
<b>CRUDE OIL FINANCIAL FUTURES (WS)</b>								
WS	Spec	Mnth1	Increase	USD	3,740	3,400	4,070	3,700
WS	Hedge/Member	Mnth1	Increase	USD	3,400	3,400	3,700	3,700
WS	Spec	Mnth2	Increase	USD	3,630	3,300	3,960	3,600
WS	Hedge/Member	Mnth2	Increase	USD	3,300	3,300	3,600	3,600
WS	Spec	Mnth3	Increase	USD	3,520	3,200	3,850	3,500
WS	Hedge/Member	Mnth3	Increase	USD	3,200	3,200	3,500	3,500
WS	Spec	Mnth4	Increase	USD	3,300	3,000	3,630	3,300
WS	Hedge/Member	Mnth4	Increase	USD	3,000	3,000	3,300	3,300
WS	Spec	Mnth5	Increase	USD	3,135	2,850	3,465	3,150
WS	Hedge/Member	Mnth5	Increase	USD	2,850	2,850	3,150	3,150
WS	Spec	Mnth6	Increase	USD	3,025	2,750	3,355	3,050
WS	Hedge/Member	Mnth6	Increase	USD	2,750	2,750	3,050	3,050
WS	Spec	Mnth7	Increase	USD	2,915	2,650	3,245	2,950
WS	Hedge/Member	Mnth7	Increase	USD	2,650	2,650	2,950	2,950
WS	Spec	Mnth8	Increase	USD	2,860	2,600	3,190	2,900
WS	Hedge/Member	Mnth8	Increase	USD	2,600	2,600	2,900	2,900
WS	Spec	Mnth9	Increase	USD	2,805	2,550	3,135	2,850
WS	Hedge/Member	Mnth9	Increase	USD	2,550	2,550	2,850	2,850
WS	Spec	Mnth10	Increase	USD	2,750	2,500	3,080	2,800
WS	Hedge/Member	Mnth10	Increase	USD	2,500	2,500	2,800	2,800
WS	Spec	Mnth11	Increase	USD	2,695	2,450	3,025	2,750
WS	Hedge/Member	Mnth11	Increase	USD	2,450	2,450	2,750	2,750
WS	Spec	Mnth12	Increase	USD	2,640	2,400	2,970	2,700
WS	Hedge/Member	Mnth12	Increase	USD	2,400	2,400	2,700	2,700
WS	Spec	Mnth13	Increase	USD	2,640	2,400	2,970	2,700
WS	Hedge/Member	Mnth13	Increase	USD	2,400	2,400	2,700	2,700
WS	Spec	Mnth14	Increase	USD	2,585	2,350	2,915	2,650
WS	Hedge/Member	Mnth14	Increase	USD	2,350	2,350	2,650	2,650
WS	Spec	Mnth15	Increase	USD	2,475	2,250	2,805	2,550
WS	Hedge/Member	Mnth15	Increase	USD	2,250	2,250	2,550	2,550
WS	Spec	Mnth16	Increase	USD	2,420	2,200	2,750	2,500
WS	Hedge/Member	Mnth16	Increase	USD	2,200	2,200	2,500	2,500
WS	Spec	Mnth17	Increase	USD	2,420	2,200	2,750	2,500
WS	Hedge/Member	Mnth17	Increase	USD	2,200	2,200	2,500	2,500
WS	Spec	Mnth18	Increase	USD	2,310	2,100	2,640	2,400
WS	Hedge/Member	Mnth18	Increase	USD	2,100	2,100	2,400	2,400
WS	Spec	Mnth19	Increase	USD	2,310	2,100	2,640	2,400
WS	Hedge/Member	Mnth19	Increase	USD	2,100	2,100	2,400	2,400
WS	Spec	Mnth20	Increase	USD	2,255	2,050	2,585	2,350

## SPAN MINIMUM PERFORMANCE BOND REQUIREMENTS

CC	Rate Type	Description	Change	ISO	Current Initial	Current Maintenance	New Initial	New Maintenance
<b>Outright Rates</b>								
WS	Hedge/Member	Mnth20	Increase	USD	2,050	2,050	2,350	2,350
WS	Spec	Mnth21	Increase	USD	2,200	2,000	2,530	2,300
WS	Hedge/Member	Mnth21	Increase	USD	2,000	2,000	2,300	2,300
WS	Spec	Mnth22	Increase	USD	2,200	2,000	2,530	2,300
WS	Hedge/Member	Mnth22	Increase	USD	2,000	2,000	2,300	2,300
WS	Spec	Mnth23	Increase	USD	2,145	1,950	2,475	2,250
WS	Hedge/Member	Mnth23	Increase	USD	1,950	1,950	2,250	2,250
WS	Spec	Mnth24	Increase	USD	2,145	1,950	2,475	2,250
WS	Hedge/Member	Mnth24	Increase	USD	1,950	1,950	2,250	2,250
WS	Spec	Mnth25	Increase	USD	2,145	1,950	2,475	2,250
WS	Hedge/Member	Mnth25	Increase	USD	1,950	1,950	2,250	2,250
WS	Spec	Mnth26	Increase	USD	2,090	1,900	2,420	2,200
WS	Hedge/Member	Mnth26	Increase	USD	1,900	1,900	2,200	2,200
WS	Spec	Mnth27	Increase	USD	2,090	1,900	2,420	2,200
WS	Hedge/Member	Mnth27	Increase	USD	1,900	1,900	2,200	2,200
WS	Spec	Mnth28	Increase	USD	2,090	1,900	2,420	2,200
WS	Hedge/Member	Mnth28	Increase	USD	1,900	1,900	2,200	2,200
WS	Spec	Mnth29	Increase	USD	1,980	1,800	2,310	2,100
WS	Hedge/Member	Mnth29	Increase	USD	1,800	1,800	2,100	2,100
WS	Spec	Mnth30	Increase	USD	1,980	1,800	2,310	2,100
WS	Hedge/Member	Mnth30	Increase	USD	1,800	1,800	2,100	2,100
WS	Spec	Mnth31	Increase	USD	1,980	1,800	2,310	2,100
WS	Hedge/Member	Mnth31	Increase	USD	1,800	1,800	2,100	2,100
WS	Spec	Mnth32	Increase	USD	1,870	1,700	2,200	2,000
WS	Hedge/Member	Mnth32	Increase	USD	1,700	1,700	2,000	2,000
WS	Spec	Mnth33	Increase	USD	1,870	1,700	2,200	2,000
WS	Hedge/Member	Mnth33	Increase	USD	1,700	1,700	2,000	2,000
WS	Spec	Mnth34	Increase	USD	1,870	1,700	2,200	2,000
WS	Hedge/Member	Mnth34	Increase	USD	1,700	1,700	2,000	2,000
WS	Spec	Mnth35	Increase	USD	1,870	1,700	2,200	2,000
WS	Hedge/Member	Mnth35	Increase	USD	1,700	1,700	2,000	2,000
WS	Spec	Mnth36	Increase	USD	1,870	1,700	2,200	2,000
WS	Hedge/Member	Mnth36	Increase	USD	1,700	1,700	2,000	2,000
WS	Spec	Mnth37	Increase	USD	1,870	1,700	2,200	2,000
WS	Hedge/Member	Mnth37	Increase	USD	1,700	1,700	2,000	2,000
WS	Spec	Mnth38	Increase	USD	1,870	1,700	2,200	2,000
WS	Hedge/Member	Mnth38	Increase	USD	1,700	1,700	2,000	2,000
WS	Spec	Mnth39	Increase	USD	1,870	1,700	2,200	2,000
WS	Hedge/Member	Mnth39	Increase	USD	1,700	1,700	2,000	2,000
WS	Spec	Mnth40	Increase	USD	1,870	1,700	2,200	2,000

## SPAN MINIMUM PERFORMANCE BOND REQUIREMENTS

CC	Rate Type	Description	Change	ISO	Current Initial	Current Maintenance	New Initial	New Maintenance
<b>Outright Rates</b>								
WS	Hedge/Member	Mnth40	Increase	USD	1,700	1,700	2,000	2,000
WS	Spec	Mnth41	Increase	USD	1,870	1,700	2,200	2,000
WS	Hedge/Member	Mnth41	Increase	USD	1,700	1,700	2,000	2,000
WS	Spec	Mnth42	Increase	USD	1,870	1,700	2,200	2,000
WS	Hedge/Member	Mnth42	Increase	USD	1,700	1,700	2,000	2,000
WS	Spec	Mnth43	Increase	USD	1,870	1,700	2,200	2,000
WS	Hedge/Member	Mnth43	Increase	USD	1,700	1,700	2,000	2,000
WS	Spec	Mnth44	Increase	USD	1,870	1,700	2,200	2,000
WS	Hedge/Member	Mnth44	Increase	USD	1,700	1,700	2,000	2,000
WS	Spec	Mnth45	Increase	USD	1,870	1,700	2,200	2,000
WS	Hedge/Member	Mnth45	Increase	USD	1,700	1,700	2,000	2,000
WS	Spec	Mnth46	Increase	USD	1,870	1,700	2,200	2,000
WS	Hedge/Member	Mnth46	Increase	USD	1,700	1,700	2,000	2,000
WS	Spec	Mnth47	Increase	USD	1,870	1,700	2,200	2,000
WS	Hedge/Member	Mnth47	Increase	USD	1,700	1,700	2,000	2,000
WS	Spec	Mnth48	Increase	USD	1,870	1,700	2,200	2,000
WS	Hedge/Member	Mnth48	Increase	USD	1,700	1,700	2,000	2,000
WS	Spec	Mnth49	Increase	USD	1,870	1,700	2,200	2,000
WS	Hedge/Member	Mnth49	Increase	USD	1,700	1,700	2,000	2,000
WS	Spec	Mnth50	Increase	USD	1,870	1,700	2,200	2,000
WS	Hedge/Member	Mnth50	Increase	USD	1,700	1,700	2,000	2,000
WS	Spec	Mnth51	Increase	USD	1,870	1,700	2,200	2,000
WS	Hedge/Member	Mnth51	Increase	USD	1,700	1,700	2,000	2,000
WS	Spec	Mnth52	Increase	USD	1,870	1,700	2,200	2,000
WS	Hedge/Member	Mnth52	Increase	USD	1,700	1,700	2,000	2,000
WS	Spec	Mnth53	Increase	USD	1,870	1,700	2,200	2,000
WS	Hedge/Member	Mnth53	Increase	USD	1,700	1,700	2,000	2,000
WS	Spec	Mnth54	Increase	USD	1,870	1,700	2,200	2,000
WS	Hedge/Member	Mnth54	Increase	USD	1,700	1,700	2,000	2,000
WS	Spec	Mnth55	Increase	USD	1,870	1,700	2,200	2,000
WS	Hedge/Member	Mnth55	Increase	USD	1,700	1,700	2,000	2,000
WS	Spec	Mnth56	Increase	USD	1,870	1,700	2,200	2,000
WS	Hedge/Member	Mnth56	Increase	USD	1,700	1,700	2,000	2,000
WS	Spec	Mnth57	Increase	USD	1,870	1,700	2,200	2,000
WS	Hedge/Member	Mnth57	Increase	USD	1,700	1,700	2,000	2,000
WS	Spec	Mnth58	Increase	USD	1,870	1,700	2,200	2,000
WS	Hedge/Member	Mnth58	Increase	USD	1,700	1,700	2,000	2,000
WS	Spec	Mnth59	Increase	USD	1,870	1,700	2,200	2,000
WS	Hedge/Member	Mnth59	Increase	USD	1,700	1,700	2,000	2,000
WS	Spec	Mnth60	Increase	USD	1,870	1,700	2,200	2,000

## SPAN MINIMUM PERFORMANCE BOND REQUIREMENTS

CC	Rate Type	Description	Change	ISO	Current Initial	Current Maintenance	New Initial	New Maintenance
<b>Outright Rates</b>								
WS	Hedge/Member	Mnth60	Increase	USD	1,700	1,700	2,000	2,000
WS	Spec	Mnth61	Increase	USD	1,870	1,700	2,200	2,000
WS	Hedge/Member	Mnth61	Increase	USD	1,700	1,700	2,000	2,000
WS	Spec	Mnth62	Increase	USD	1,870	1,700	2,200	2,000
WS	Hedge/Member	Mnth62	Increase	USD	1,700	1,700	2,000	2,000
WS	Spec	Mnth63	Increase	USD	1,870	1,700	2,200	2,000
WS	Hedge/Member	Mnth63	Increase	USD	1,700	1,700	2,000	2,000
WS	Spec	Mnth64	Increase	USD	1,870	1,700	2,200	2,000
WS	Hedge/Member	Mnth64	Increase	USD	1,700	1,700	2,000	2,000
WS	Spec	Mnth65+	Increase	USD	1,870	1,700	2,200	2,000
WS	Hedge/Member	Mnth65+	Increase	USD	1,700	1,700	2,000	2,000

## SPAN MINIMUM PERFORMANCE BOND REQUIREMENTS

CC	Rate Type	Description	Change	ISO	Current Initial	Current Maintenance	New Initial	New Maintenance
<b>Outright Rates</b>								
<b>CRUDE OIL FUTURE NYMEX (CL)</b>								
CL	Spec	Mnth1	Increase	USD	3,740	3,400	4,070	3,700
CL	Hedge/Member	Mnth1	Increase	USD	3,400	3,400	3,700	3,700
CL	Spec	Mnth2	Increase	USD	3,630	3,300	3,960	3,600
CL	Hedge/Member	Mnth2	Increase	USD	3,300	3,300	3,600	3,600
CL	Spec	Mnth3	Increase	USD	3,520	3,200	3,850	3,500
CL	Hedge/Member	Mnth3	Increase	USD	3,200	3,200	3,500	3,500
CL	Spec	Mnth4	Increase	USD	3,300	3,000	3,630	3,300
CL	Hedge/Member	Mnth4	Increase	USD	3,000	3,000	3,300	3,300
CL	Spec	Mnth5	Increase	USD	3,135	2,850	3,465	3,150
CL	Hedge/Member	Mnth5	Increase	USD	2,850	2,850	3,150	3,150
CL	Spec	Mnth6	Increase	USD	3,025	2,750	3,355	3,050
CL	Hedge/Member	Mnth6	Increase	USD	2,750	2,750	3,050	3,050
CL	Spec	Mnth7	Increase	USD	2,915	2,650	3,245	2,950
CL	Hedge/Member	Mnth7	Increase	USD	2,650	2,650	2,950	2,950
CL	Spec	Mnth8	Increase	USD	2,860	2,600	3,190	2,900
CL	Hedge/Member	Mnth8	Increase	USD	2,600	2,600	2,900	2,900
CL	Spec	Mnth9	Increase	USD	2,805	2,550	3,135	2,850
CL	Hedge/Member	Mnth9	Increase	USD	2,550	2,550	2,850	2,850
CL	Spec	Mnth10	Increase	USD	2,750	2,500	3,080	2,800
CL	Hedge/Member	Mnth10	Increase	USD	2,500	2,500	2,800	2,800
CL	Spec	Mnth11	Increase	USD	2,695	2,450	3,025	2,750
CL	Hedge/Member	Mnth11	Increase	USD	2,450	2,450	2,750	2,750
CL	Spec	Mnth12	Increase	USD	2,640	2,400	2,970	2,700
CL	Hedge/Member	Mnth12	Increase	USD	2,400	2,400	2,700	2,700
CL	Spec	Mnth13	Increase	USD	2,640	2,400	2,970	2,700
CL	Hedge/Member	Mnth13	Increase	USD	2,400	2,400	2,700	2,700
CL	Spec	Mnth14	Increase	USD	2,585	2,350	2,915	2,650
CL	Hedge/Member	Mnth14	Increase	USD	2,350	2,350	2,650	2,650
CL	Spec	Mnth15	Increase	USD	2,475	2,250	2,805	2,550
CL	Hedge/Member	Mnth15	Increase	USD	2,250	2,250	2,550	2,550
CL	Spec	Mnth16	Increase	USD	2,420	2,200	2,750	2,500
CL	Hedge/Member	Mnth16	Increase	USD	2,200	2,200	2,500	2,500
CL	Spec	Mnth17	Increase	USD	2,420	2,200	2,750	2,500
CL	Hedge/Member	Mnth17	Increase	USD	2,200	2,200	2,500	2,500
CL	Spec	Mnth18	Increase	USD	2,310	2,100	2,640	2,400
CL	Hedge/Member	Mnth18	Increase	USD	2,100	2,100	2,400	2,400
CL	Spec	Mnth19	Increase	USD	2,310	2,100	2,640	2,400
CL	Hedge/Member	Mnth19	Increase	USD	2,100	2,100	2,400	2,400
CL	Spec	Mnth20	Increase	USD	2,255	2,050	2,585	2,350

## SPAN MINIMUM PERFORMANCE BOND REQUIREMENTS

CC	Rate Type	Description	Change	ISO	Current Initial	Current Maintenance	New Initial	New Maintenance
<b>Outright Rates</b>								
CL	Hedge/Member	Mnth20	Increase	USD	2,050	2,050	2,350	2,350
CL	Spec	Mnth21	Increase	USD	2,200	2,000	2,530	2,300
CL	Hedge/Member	Mnth21	Increase	USD	2,000	2,000	2,300	2,300
CL	Spec	Mnth22	Increase	USD	2,200	2,000	2,530	2,300
CL	Hedge/Member	Mnth22	Increase	USD	2,000	2,000	2,300	2,300
CL	Spec	Mnth23	Increase	USD	2,145	1,950	2,475	2,250
CL	Hedge/Member	Mnth23	Increase	USD	1,950	1,950	2,250	2,250
CL	Spec	Mnth24	Increase	USD	2,145	1,950	2,475	2,250
CL	Hedge/Member	Mnth24	Increase	USD	1,950	1,950	2,250	2,250
CL	Spec	Mnth25	Increase	USD	2,145	1,950	2,475	2,250
CL	Hedge/Member	Mnth25	Increase	USD	1,950	1,950	2,250	2,250
CL	Spec	Mnth26	Increase	USD	2,090	1,900	2,420	2,200
CL	Hedge/Member	Mnth26	Increase	USD	1,900	1,900	2,200	2,200
CL	Spec	Mnth27	Increase	USD	2,090	1,900	2,420	2,200
CL	Hedge/Member	Mnth27	Increase	USD	1,900	1,900	2,200	2,200
CL	Spec	Mnth28	Increase	USD	2,090	1,900	2,420	2,200
CL	Hedge/Member	Mnth28	Increase	USD	1,900	1,900	2,200	2,200
CL	Spec	Mnth29	Increase	USD	1,980	1,800	2,310	2,100
CL	Hedge/Member	Mnth29	Increase	USD	1,800	1,800	2,100	2,100
CL	Spec	Mnth30	Increase	USD	1,980	1,800	2,310	2,100
CL	Hedge/Member	Mnth30	Increase	USD	1,800	1,800	2,100	2,100
CL	Spec	Mnth31	Increase	USD	1,980	1,800	2,310	2,100
CL	Hedge/Member	Mnth31	Increase	USD	1,800	1,800	2,100	2,100
CL	Spec	Mnth32	Increase	USD	1,870	1,700	2,200	2,000
CL	Hedge/Member	Mnth32	Increase	USD	1,700	1,700	2,000	2,000
CL	Spec	Mnth33	Increase	USD	1,870	1,700	2,200	2,000
CL	Hedge/Member	Mnth33	Increase	USD	1,700	1,700	2,000	2,000
CL	Spec	Mnth34	Increase	USD	1,870	1,700	2,200	2,000
CL	Hedge/Member	Mnth34	Increase	USD	1,700	1,700	2,000	2,000
CL	Spec	Mnth35	Increase	USD	1,870	1,700	2,200	2,000
CL	Hedge/Member	Mnth35	Increase	USD	1,700	1,700	2,000	2,000
CL	Spec	Mnth36	Increase	USD	1,870	1,700	2,200	2,000
CL	Hedge/Member	Mnth36	Increase	USD	1,700	1,700	2,000	2,000
CL	Spec	Mnth37	Increase	USD	1,870	1,700	2,200	2,000
CL	Hedge/Member	Mnth37	Increase	USD	1,700	1,700	2,000	2,000
CL	Spec	Mnth38	Increase	USD	1,870	1,700	2,200	2,000
CL	Hedge/Member	Mnth38	Increase	USD	1,700	1,700	2,000	2,000
CL	Spec	Mnth39	Increase	USD	1,870	1,700	2,200	2,000
CL	Hedge/Member	Mnth39	Increase	USD	1,700	1,700	2,000	2,000
CL	Spec	Mnth40	Increase	USD	1,870	1,700	2,200	2,000

## SPAN MINIMUM PERFORMANCE BOND REQUIREMENTS

CC	Rate Type	Description	Change	ISO	Current Initial	Current Maintenance	New Initial	New Maintenance
<b>Outright Rates</b>								
CL	Hedge/Member	Mnth40	Increase	USD	1,700	1,700	2,000	2,000
CL	Spec	Mnth41	Increase	USD	1,870	1,700	2,200	2,000
CL	Hedge/Member	Mnth41	Increase	USD	1,700	1,700	2,000	2,000
CL	Spec	Mnth42	Increase	USD	1,870	1,700	2,200	2,000
CL	Hedge/Member	Mnth42	Increase	USD	1,700	1,700	2,000	2,000
CL	Spec	Mnth43	Increase	USD	1,870	1,700	2,200	2,000
CL	Hedge/Member	Mnth43	Increase	USD	1,700	1,700	2,000	2,000
CL	Spec	Mnth44	Increase	USD	1,870	1,700	2,200	2,000
CL	Hedge/Member	Mnth44	Increase	USD	1,700	1,700	2,000	2,000
CL	Spec	Mnth45	Increase	USD	1,870	1,700	2,200	2,000
CL	Hedge/Member	Mnth45	Increase	USD	1,700	1,700	2,000	2,000
CL	Spec	Mnth46	Increase	USD	1,870	1,700	2,200	2,000
CL	Hedge/Member	Mnth46	Increase	USD	1,700	1,700	2,000	2,000
CL	Spec	Mnth47	Increase	USD	1,870	1,700	2,200	2,000
CL	Hedge/Member	Mnth47	Increase	USD	1,700	1,700	2,000	2,000
CL	Spec	Mnth48	Increase	USD	1,870	1,700	2,200	2,000
CL	Hedge/Member	Mnth48	Increase	USD	1,700	1,700	2,000	2,000
CL	Spec	Mnth49	Increase	USD	1,870	1,700	2,200	2,000
CL	Hedge/Member	Mnth49	Increase	USD	1,700	1,700	2,000	2,000
CL	Spec	Mnth50	Increase	USD	1,870	1,700	2,200	2,000
CL	Hedge/Member	Mnth50	Increase	USD	1,700	1,700	2,000	2,000
CL	Spec	Mnth51	Increase	USD	1,870	1,700	2,200	2,000
CL	Hedge/Member	Mnth51	Increase	USD	1,700	1,700	2,000	2,000
CL	Spec	Mnth52	Increase	USD	1,870	1,700	2,200	2,000
CL	Hedge/Member	Mnth52	Increase	USD	1,700	1,700	2,000	2,000
CL	Spec	Mnth53	Increase	USD	1,870	1,700	2,200	2,000
CL	Hedge/Member	Mnth53	Increase	USD	1,700	1,700	2,000	2,000
CL	Spec	Mnth54	Increase	USD	1,870	1,700	2,200	2,000
CL	Hedge/Member	Mnth54	Increase	USD	1,700	1,700	2,000	2,000
CL	Spec	Mnth55	Increase	USD	1,870	1,700	2,200	2,000
CL	Hedge/Member	Mnth55	Increase	USD	1,700	1,700	2,000	2,000
CL	Spec	Mnth56	Increase	USD	1,870	1,700	2,200	2,000
CL	Hedge/Member	Mnth56	Increase	USD	1,700	1,700	2,000	2,000
CL	Spec	Mnth57	Increase	USD	1,870	1,700	2,200	2,000
CL	Hedge/Member	Mnth57	Increase	USD	1,700	1,700	2,000	2,000
CL	Spec	Mnth58	Increase	USD	1,870	1,700	2,200	2,000
CL	Hedge/Member	Mnth58	Increase	USD	1,700	1,700	2,000	2,000
CL	Spec	Mnth59	Increase	USD	1,870	1,700	2,200	2,000
CL	Hedge/Member	Mnth59	Increase	USD	1,700	1,700	2,000	2,000
CL	Spec	Mnth60	Increase	USD	1,870	1,700	2,200	2,000



## SPAN MINIMUM PERFORMANCE BOND REQUIREMENTS

CC	Rate Type	Description	Change	ISO	Current Initial	Current Maintenance	New Initial	New Maintenance
<b>Outright Rates</b>								
CL	Hedge/Member	Mnth60	Increase	USD	1,700	1,700	2,000	2,000
CL	Spec	Mnth61	Increase	USD	1,870	1,700	2,200	2,000
CL	Hedge/Member	Mnth61	Increase	USD	1,700	1,700	2,000	2,000
CL	Spec	Mnth62	Increase	USD	1,870	1,700	2,200	2,000
CL	Hedge/Member	Mnth62	Increase	USD	1,700	1,700	2,000	2,000
CL	Spec	Mnth63	Increase	USD	1,870	1,700	2,200	2,000
CL	Hedge/Member	Mnth63	Increase	USD	1,700	1,700	2,000	2,000
CL	Spec	Mnth64	Increase	USD	1,870	1,700	2,200	2,000
CL	Hedge/Member	Mnth64	Increase	USD	1,700	1,700	2,000	2,000
CL	Spec	Mnth65+	Increase	USD	1,870	1,700	2,200	2,000
CL	Hedge/Member	Mnth65+	Increase	USD	1,700	1,700	2,000	2,000

## SPAN MINIMUM PERFORMANCE BOND REQUIREMENTS

CC	Rate Type	Description	Change	ISO	Current Initial	Current Maintenance	New Initial	New Maintenance
<b>Outright Rates</b>								
<b>DME OMAN CRUDE FUT (DOO)</b>								
DOO	Spec	Mnth1	Increase	USD	3,410	3,100	3,850	3,500
DOO	Hedge/Member	Mnth1	Increase	USD	3,100	3,100	3,500	3,500
DOO	Spec	Mnth2	Increase	USD	3,410	3,100	3,850	3,500
DOO	Hedge/Member	Mnth2	Increase	USD	3,100	3,100	3,500	3,500
DOO	Spec	Mnth3	Increase	USD	3,355	3,050	3,795	3,450
DOO	Hedge/Member	Mnth3	Increase	USD	3,050	3,050	3,450	3,450
DOO	Spec	Mnth4	Increase	USD	3,355	3,050	3,795	3,450
DOO	Hedge/Member	Mnth4	Increase	USD	3,050	3,050	3,450	3,450
DOO	Spec	Mnth5	Increase	USD	3,355	3,050	3,795	3,450
DOO	Hedge/Member	Mnth5	Increase	USD	3,050	3,050	3,450	3,450
DOO	Spec	Mnth6	Increase	USD	3,355	3,050	3,795	3,450
DOO	Hedge/Member	Mnth6	Increase	USD	3,050	3,050	3,450	3,450
DOO	Spec	Mnth7	Increase	USD	3,355	3,050	3,795	3,450
DOO	Hedge/Member	Mnth7	Increase	USD	3,050	3,050	3,450	3,450
DOO	Spec	Mnth8	Increase	USD	3,355	3,050	3,795	3,450
DOO	Hedge/Member	Mnth8	Increase	USD	3,050	3,050	3,450	3,450
DOO	Spec	Mnth9	Increase	USD	3,355	3,050	3,795	3,450
DOO	Hedge/Member	Mnth9	Increase	USD	3,050	3,050	3,450	3,450
DOO	Spec	Mnth10	Increase	USD	3,355	3,050	3,795	3,450
DOO	Hedge/Member	Mnth10	Increase	USD	3,050	3,050	3,450	3,450
DOO	Spec	Mnth11	Increase	USD	3,300	3,000	3,740	3,400
DOO	Hedge/Member	Mnth11	Increase	USD	3,000	3,000	3,400	3,400
DOO	Spec	Mnth12	Increase	USD	3,300	3,000	3,740	3,400
DOO	Hedge/Member	Mnth12	Increase	USD	3,000	3,000	3,400	3,400
DOO	Spec	Mnth13	Increase	USD	3,300	3,000	3,740	3,400
DOO	Hedge/Member	Mnth13	Increase	USD	3,000	3,000	3,400	3,400
DOO	Spec	Mnth14	Increase	USD	3,300	3,000	3,740	3,400
DOO	Hedge/Member	Mnth14	Increase	USD	3,000	3,000	3,400	3,400
DOO	Spec	Mnth15	Increase	USD	3,300	3,000	3,740	3,400
DOO	Hedge/Member	Mnth15	Increase	USD	3,000	3,000	3,400	3,400
DOO	Spec	Mnth16	Increase	USD	3,300	3,000	3,740	3,400
DOO	Hedge/Member	Mnth16	Increase	USD	3,000	3,000	3,400	3,400
DOO	Spec	Mnth17	Increase	USD	3,300	3,000	3,740	3,400
DOO	Hedge/Member	Mnth17	Increase	USD	3,000	3,000	3,400	3,400
DOO	Spec	Mnth18	Increase	USD	3,300	3,000	3,740	3,400
DOO	Hedge/Member	Mnth18	Increase	USD	3,000	3,000	3,400	3,400
DOO	Spec	Mnth19	Increase	USD	3,300	3,000	3,740	3,400
DOO	Hedge/Member	Mnth19	Increase	USD	3,000	3,000	3,400	3,400
DOO	Spec	Mnth20	Increase	USD	3,300	3,000	3,740	3,400

## SPAN MINIMUM PERFORMANCE BOND REQUIREMENTS

CC	Rate Type	Description	Change	ISO	Current Initial	Current Maintenance	New Initial	New Maintenance
<b>Outright Rates</b>								
DOO	Hedge/Member	Mnth20	Increase	USD	3,000	3,000	3,400	3,400
DOO	Spec	Mnth21	Increase	USD	3,300	3,000	3,740	3,400
DOO	Hedge/Member	Mnth21	Increase	USD	3,000	3,000	3,400	3,400
DOO	Spec	Mnth22	Increase	USD	3,300	3,000	3,740	3,400
DOO	Hedge/Member	Mnth22	Increase	USD	3,000	3,000	3,400	3,400
DOO	Spec	Mnth23	Increase	USD	3,300	3,000	3,740	3,400
DOO	Hedge/Member	Mnth23	Increase	USD	3,000	3,000	3,400	3,400
DOO	Spec	Mnth24	Increase	USD	3,300	3,000	3,740	3,400
DOO	Hedge/Member	Mnth24	Increase	USD	3,000	3,000	3,400	3,400
DOO	Spec	Mnth25	Increase	USD	3,300	3,000	3,740	3,400
DOO	Hedge/Member	Mnth25	Increase	USD	3,000	3,000	3,400	3,400
DOO	Spec	Mnth26	Increase	USD	3,300	3,000	3,740	3,400
DOO	Hedge/Member	Mnth26	Increase	USD	3,000	3,000	3,400	3,400
DOO	Spec	Mnth27	Increase	USD	3,300	3,000	3,740	3,400
DOO	Hedge/Member	Mnth27	Increase	USD	3,000	3,000	3,400	3,400
DOO	Spec	Mnth28	Increase	USD	3,300	3,000	3,740	3,400
DOO	Hedge/Member	Mnth28	Increase	USD	3,000	3,000	3,400	3,400
DOO	Spec	Mnth29	Increase	USD	3,300	3,000	3,740	3,400
DOO	Hedge/Member	Mnth29	Increase	USD	3,000	3,000	3,400	3,400
DOO	Spec	Mnth30	Increase	USD	3,300	3,000	3,740	3,400
DOO	Hedge/Member	Mnth30	Increase	USD	3,000	3,000	3,400	3,400
DOO	Spec	Mnth31	Increase	USD	3,300	3,000	3,740	3,400
DOO	Hedge/Member	Mnth31	Increase	USD	3,000	3,000	3,400	3,400
DOO	Spec	Mnth32	Increase	USD	3,300	3,000	3,740	3,400
DOO	Hedge/Member	Mnth32	Increase	USD	3,000	3,000	3,400	3,400
DOO	Spec	Mnth33	Increase	USD	3,300	3,000	3,740	3,400
DOO	Hedge/Member	Mnth33	Increase	USD	3,000	3,000	3,400	3,400
DOO	Spec	Mnth34	Increase	USD	3,300	3,000	3,740	3,400
DOO	Hedge/Member	Mnth34	Increase	USD	3,000	3,000	3,400	3,400
DOO	Spec	Mnth35+	Increase	USD	3,300	3,000	3,740	3,400
DOO	Hedge/Member	Mnth35+	Increase	USD	3,000	3,000	3,400	3,400

## SPAN MINIMUM PERFORMANCE BOND REQUIREMENTS

CC	Rate Type	Description	Change	ISO	Current Initial	Current Maintenance	New Initial	New Maintenance
<b>Outright Rates</b>								
<b>DME OMAN CRUDE OIL (OQ)</b>								
OQ	Spec	Mnth1	Increase	USD	4,510	4,100	5,060	4,600
OQ	Hedge/Member	Mnth1	Increase	USD	4,100	4,100	4,600	4,600
OQ	Spec	Mnth2	Increase	USD	3,850	3,500	4,180	3,800
OQ	Hedge/Member	Mnth2	Increase	USD	3,500	3,500	3,800	3,800
OQ	Spec	Mnth3	Increase	USD	3,795	3,450	3,960	3,600
OQ	Hedge/Member	Mnth3	Increase	USD	3,450	3,450	3,600	3,600
OQ	Spec	Mnth4	Increase	USD	3,795	3,450	3,960	3,600
OQ	Hedge/Member	Mnth4	Increase	USD	3,450	3,450	3,600	3,600
OQ	Spec	Mnth5	Increase	USD	3,795	3,450	3,960	3,600
OQ	Hedge/Member	Mnth5	Increase	USD	3,450	3,450	3,600	3,600
OQ	Spec	Mnth6	Increase	USD	3,795	3,450	3,960	3,600
OQ	Hedge/Member	Mnth6	Increase	USD	3,450	3,450	3,600	3,600
OQ	Spec	Days 1 - 3	Increase	USD	4,510	4,100	5,060	4,600
OQ	Hedge/Member	Days 1 - 3	Increase	USD	4,100	4,100	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>DUBAI CRUDE OIL CALENDAR FUT (DC)</b>								
DC	Spec	Mnth1	Increase	USD	3,410	3,100	3,850	3,500
DC	Hedge/Member	Mnth1	Increase	USD	3,100	3,100	3,500	3,500
DC	Spec	Mnth2	Increase	USD	3,410	3,100	3,850	3,500
DC	Hedge/Member	Mnth2	Increase	USD	3,100	3,100	3,500	3,500
DC	Spec	Mnth3	Increase	USD	3,355	3,050	3,795	3,450
DC	Hedge/Member	Mnth3	Increase	USD	3,050	3,050	3,450	3,450
DC	Spec	Mnth4	Increase	USD	3,355	3,050	3,795	3,450
DC	Hedge/Member	Mnth4	Increase	USD	3,050	3,050	3,450	3,450
DC	Spec	Mnth5	Increase	USD	3,355	3,050	3,795	3,450
DC	Hedge/Member	Mnth5	Increase	USD	3,050	3,050	3,450	3,450
DC	Spec	Mnth6	Increase	USD	3,355	3,050	3,795	3,450
DC	Hedge/Member	Mnth6	Increase	USD	3,050	3,050	3,450	3,450
DC	Spec	Mnth7	Increase	USD	3,355	3,050	3,795	3,450
DC	Hedge/Member	Mnth7	Increase	USD	3,050	3,050	3,450	3,450
DC	Spec	Mnth8	Increase	USD	3,355	3,050	3,795	3,450
DC	Hedge/Member	Mnth8	Increase	USD	3,050	3,050	3,450	3,450
DC	Spec	Mnth9	Increase	USD	3,355	3,050	3,795	3,450
DC	Hedge/Member	Mnth9	Increase	USD	3,050	3,050	3,450	3,450
DC	Spec	Mnth10	Increase	USD	3,355	3,050	3,795	3,450
DC	Hedge/Member	Mnth10	Increase	USD	3,050	3,050	3,450	3,450
DC	Spec	Mnth11	Increase	USD	3,300	3,000	3,740	3,400
DC	Hedge/Member	Mnth11	Increase	USD	3,000	3,000	3,400	3,400
DC	Spec	Mnth12	Increase	USD	3,300	3,000	3,740	3,400
DC	Hedge/Member	Mnth12	Increase	USD	3,000	3,000	3,400	3,400
DC	Spec	Mnth13	Increase	USD	3,300	3,000	3,740	3,400
DC	Hedge/Member	Mnth13	Increase	USD	3,000	3,000	3,400	3,400
DC	Spec	Mnth14	Increase	USD	3,300	3,000	3,740	3,400
DC	Hedge/Member	Mnth14	Increase	USD	3,000	3,000	3,400	3,400
DC	Spec	Mnth15	Increase	USD	3,300	3,000	3,740	3,400
DC	Hedge/Member	Mnth15	Increase	USD	3,000	3,000	3,400	3,400
DC	Spec	Mnth16	Increase	USD	3,300	3,000	3,740	3,400
DC	Hedge/Member	Mnth16	Increase	USD	3,000	3,000	3,400	3,400
DC	Spec	Mnth17	Increase	USD	3,300	3,000	3,740	3,400
DC	Hedge/Member	Mnth17	Increase	USD	3,000	3,000	3,400	3,400
DC	Spec	Mnth18	Increase	USD	3,300	3,000	3,740	3,400
DC	Hedge/Member	Mnth18	Increase	USD	3,000	3,000	3,400	3,400
DC	Spec	Mnth19	Increase	USD	3,300	3,000	3,740	3,400
DC	Hedge/Member	Mnth19	Increase	USD	3,000	3,000	3,400	3,400
DC	Spec	Mnth20	Increase	USD	3,300	3,000	3,740	3,400

## SPAN MINIMUM PERFORMANCE BOND REQUIREMENTS

CC	Rate Type	Description	Change	ISO	Current Initial	Current Maintenance	New Initial	New Maintenance
<b>Outright Rates</b>								
DC	Hedge/Member	Mnth20	Increase	USD	3,000	3,000	3,400	3,400
DC	Spec	Mnth21	Increase	USD	3,300	3,000	3,740	3,400
DC	Hedge/Member	Mnth21	Increase	USD	3,000	3,000	3,400	3,400
DC	Spec	Mnth22	Increase	USD	3,300	3,000	3,740	3,400
DC	Hedge/Member	Mnth22	Increase	USD	3,000	3,000	3,400	3,400
DC	Spec	Mnth23	Increase	USD	3,300	3,000	3,740	3,400
DC	Hedge/Member	Mnth23	Increase	USD	3,000	3,000	3,400	3,400
DC	Spec	Mnth24	Increase	USD	3,300	3,000	3,740	3,400
DC	Hedge/Member	Mnth24	Increase	USD	3,000	3,000	3,400	3,400
DC	Spec	Mnth25	Increase	USD	3,300	3,000	3,740	3,400
DC	Hedge/Member	Mnth25	Increase	USD	3,000	3,000	3,400	3,400
DC	Spec	Mnth26	Increase	USD	3,300	3,000	3,740	3,400
DC	Hedge/Member	Mnth26	Increase	USD	3,000	3,000	3,400	3,400
DC	Spec	Mnth27	Increase	USD	3,300	3,000	3,740	3,400
DC	Hedge/Member	Mnth27	Increase	USD	3,000	3,000	3,400	3,400
DC	Spec	Mnth28	Increase	USD	3,300	3,000	3,740	3,400
DC	Hedge/Member	Mnth28	Increase	USD	3,000	3,000	3,400	3,400
DC	Spec	Mnth29	Increase	USD	3,300	3,000	3,740	3,400
DC	Hedge/Member	Mnth29	Increase	USD	3,000	3,000	3,400	3,400
DC	Spec	Mnth30	Increase	USD	3,300	3,000	3,740	3,400
DC	Hedge/Member	Mnth30	Increase	USD	3,000	3,000	3,400	3,400
DC	Spec	Mnth31	Increase	USD	3,300	3,000	3,740	3,400
DC	Hedge/Member	Mnth31	Increase	USD	3,000	3,000	3,400	3,400
DC	Spec	Mnth32	Increase	USD	3,300	3,000	3,740	3,400
DC	Hedge/Member	Mnth32	Increase	USD	3,000	3,000	3,400	3,400
DC	Spec	Mnth33	Increase	USD	3,300	3,000	3,740	3,400
DC	Hedge/Member	Mnth33	Increase	USD	3,000	3,000	3,400	3,400
DC	Spec	Mnth34	Increase	USD	3,300	3,000	3,740	3,400
DC	Hedge/Member	Mnth34	Increase	USD	3,000	3,000	3,400	3,400
DC	Spec	Mnth35+	Increase	USD	3,300	3,000	3,740	3,400
DC	Hedge/Member	Mnth35+	Increase	USD	3,000	3,000	3,400	3,400

## SPAN MINIMUM PERFORMANCE BOND REQUIREMENTS

CC	Rate Type	Description	Change	ISO	Current Initial	Current Maintenance	New Initial	New Maintenance
<b>Outright Rates</b>								
<b>E-MINI CRUDE OIL FUTURES (QM)</b>								
QM	Spec	Mnth1	Increase	USD	1,870	1,700	2,035	1,850
QM	Hedge/Member	Mnth1	Increase	USD	1,700	1,700	1,850	1,850
QM	Spec	Mnth2	Increase	USD	1,815	1,650	1,980	1,800
QM	Hedge/Member	Mnth2	Increase	USD	1,650	1,650	1,800	1,800
QM	Spec	Mnth3	Increase	USD	1,760	1,600	1,925	1,750
QM	Hedge/Member	Mnth3	Increase	USD	1,600	1,600	1,750	1,750
QM	Spec	Mnth4	Increase	USD	1,650	1,500	1,815	1,650
QM	Hedge/Member	Mnth4	Increase	USD	1,500	1,500	1,650	1,650
QM	Spec	Mnth5	Increase	USD	1,568	1,425	1,733	1,575
QM	Hedge/Member	Mnth5	Increase	USD	1,425	1,425	1,575	1,575
QM	Spec	Mnth6	Increase	USD	1,513	1,375	1,678	1,525
QM	Hedge/Member	Mnth6	Increase	USD	1,375	1,375	1,525	1,525
QM	Spec	Mnth7	Increase	USD	1,458	1,325	1,623	1,475
QM	Hedge/Member	Mnth7	Increase	USD	1,325	1,325	1,475	1,475
QM	Spec	Mnth8	Increase	USD	1,430	1,300	1,595	1,450
QM	Hedge/Member	Mnth8	Increase	USD	1,300	1,300	1,450	1,450
QM	Spec	Mnth9	Increase	USD	1,403	1,275	1,568	1,425
QM	Hedge/Member	Mnth9	Increase	USD	1,275	1,275	1,425	1,425
QM	Spec	Mnth10	Increase	USD	1,375	1,250	1,540	1,400
QM	Hedge/Member	Mnth10	Increase	USD	1,250	1,250	1,400	1,400
QM	Spec	Mnth11	Increase	USD	1,348	1,225	1,513	1,375
QM	Hedge/Member	Mnth11	Increase	USD	1,225	1,225	1,375	1,375
QM	Spec	Mnth12	Increase	USD	1,320	1,200	1,485	1,350
QM	Hedge/Member	Mnth12	Increase	USD	1,200	1,200	1,350	1,350
QM	Spec	Mnth13	Increase	USD	1,320	1,200	1,485	1,350
QM	Hedge/Member	Mnth13	Increase	USD	1,200	1,200	1,350	1,350
QM	Spec	Mnth14	Increase	USD	1,293	1,175	1,458	1,325
QM	Hedge/Member	Mnth14	Increase	USD	1,175	1,175	1,325	1,325
QM	Spec	Mnth15	Increase	USD	1,238	1,125	1,403	1,275
QM	Hedge/Member	Mnth15	Increase	USD	1,125	1,125	1,275	1,275
QM	Spec	Mnth16	Increase	USD	1,210	1,100	1,375	1,250
QM	Hedge/Member	Mnth16	Increase	USD	1,100	1,100	1,250	1,250
QM	Spec	Mnth17	Increase	USD	1,210	1,100	1,375	1,250
QM	Hedge/Member	Mnth17	Increase	USD	1,100	1,100	1,250	1,250
QM	Spec	Mnth18	Increase	USD	1,155	1,050	1,320	1,200
QM	Hedge/Member	Mnth18	Increase	USD	1,050	1,050	1,200	1,200
QM	Spec	Mnth19	Increase	USD	1,155	1,050	1,320	1,200
QM	Hedge/Member	Mnth19	Increase	USD	1,050	1,050	1,200	1,200
QM	Spec	Mnth20	Increase	USD	1,128	1,025	1,293	1,175

## SPAN MINIMUM PERFORMANCE BOND REQUIREMENTS

CC	Rate Type	Description	Change	ISO	Current Initial	Current Maintenance	New Initial	New Maintenance
<b>Outright Rates</b>								
QM	Hedge/Member	Mnth20	Increase	USD	1,025	1,025	1,175	1,175
QM	Spec	Mnth21	Increase	USD	1,100	1,000	1,265	1,150
QM	Hedge/Member	Mnth21	Increase	USD	1,000	1,000	1,150	1,150
QM	Spec	Mnth22	Increase	USD	1,100	1,000	1,265	1,150
QM	Hedge/Member	Mnth22	Increase	USD	1,000	1,000	1,150	1,150
QM	Spec	Mnth23	Increase	USD	1,073	975	1,238	1,125
QM	Hedge/Member	Mnth23	Increase	USD	975	975	1,125	1,125
QM	Spec	Mnth24	Increase	USD	1,073	975	1,238	1,125
QM	Hedge/Member	Mnth24	Increase	USD	975	975	1,125	1,125
QM	Spec	Mnth25	Increase	USD	1,073	975	1,238	1,125
QM	Hedge/Member	Mnth25	Increase	USD	975	975	1,125	1,125
QM	Spec	Mnth26	Increase	USD	1,045	950	1,210	1,100
QM	Hedge/Member	Mnth26	Increase	USD	950	950	1,100	1,100
QM	Spec	Mnth27	Increase	USD	1,045	950	1,210	1,100
QM	Hedge/Member	Mnth27	Increase	USD	950	950	1,100	1,100
QM	Spec	Mnth28	Increase	USD	1,045	950	1,210	1,100
QM	Hedge/Member	Mnth28	Increase	USD	950	950	1,100	1,100
QM	Spec	Mnth29	Increase	USD	990	900	1,155	1,050
QM	Hedge/Member	Mnth29	Increase	USD	900	900	1,050	1,050
QM	Spec	Mnth30	Increase	USD	990	900	1,155	1,050
QM	Hedge/Member	Mnth30	Increase	USD	900	900	1,050	1,050
QM	Spec	Mnth31	Increase	USD	990	900	1,155	1,050
QM	Hedge/Member	Mnth31	Increase	USD	900	900	1,050	1,050
QM	Spec	Mnth32	Increase	USD	935	850	1,100	1,000
QM	Hedge/Member	Mnth32	Increase	USD	850	850	1,000	1,000
QM	Spec	Mnth33	Increase	USD	935	850	1,100	1,000
QM	Hedge/Member	Mnth33	Increase	USD	850	850	1,000	1,000
QM	Spec	Mnth34	Increase	USD	935	850	1,100	1,000
QM	Hedge/Member	Mnth34	Increase	USD	850	850	1,000	1,000
QM	Spec	Mnth35	Increase	USD	935	850	1,100	1,000
QM	Hedge/Member	Mnth35	Increase	USD	850	850	1,000	1,000
QM	Spec	Mnth36	Increase	USD	935	850	1,100	1,000
QM	Hedge/Member	Mnth36	Increase	USD	850	850	1,000	1,000
QM	Spec	Mnth37	Increase	USD	935	850	1,100	1,000
QM	Hedge/Member	Mnth37	Increase	USD	850	850	1,000	1,000
QM	Spec	Mnth38	Increase	USD	935	850	1,100	1,000
QM	Hedge/Member	Mnth38	Increase	USD	850	850	1,000	1,000
QM	Spec	Mnth39	Increase	USD	935	850	1,100	1,000
QM	Hedge/Member	Mnth39	Increase	USD	850	850	1,000	1,000
QM	Spec	Mnth40	Increase	USD	935	850	1,100	1,000



## SPAN MINIMUM PERFORMANCE BOND REQUIREMENTS

CC	Rate Type	Description	Change	ISO	Current Initial	Current Maintenance	New Initial	New Maintenance
<b>Outright Rates</b>								
QM	Hedge/Member	Mnth40	Increase	USD	850	850	1,000	1,000
QM	Spec	Mnth41	Increase	USD	935	850	1,100	1,000
QM	Hedge/Member	Mnth41	Increase	USD	850	850	1,000	1,000
QM	Spec	Mnth42	Increase	USD	935	850	1,100	1,000
QM	Hedge/Member	Mnth42	Increase	USD	850	850	1,000	1,000
QM	Spec	Mnth43	Increase	USD	935	850	1,100	1,000
QM	Hedge/Member	Mnth43	Increase	USD	850	850	1,000	1,000
QM	Spec	Mnth44	Increase	USD	935	850	1,100	1,000
QM	Hedge/Member	Mnth44	Increase	USD	850	850	1,000	1,000
QM	Spec	Mnth45	Increase	USD	935	850	1,100	1,000
QM	Hedge/Member	Mnth45	Increase	USD	850	850	1,000	1,000
QM	Spec	Mnth46	Increase	USD	935	850	1,100	1,000
QM	Hedge/Member	Mnth46	Increase	USD	850	850	1,000	1,000
QM	Spec	Mnth47	Increase	USD	935	850	1,100	1,000
QM	Hedge/Member	Mnth47	Increase	USD	850	850	1,000	1,000
QM	Spec	Mnth48	Increase	USD	935	850	1,100	1,000
QM	Hedge/Member	Mnth48	Increase	USD	850	850	1,000	1,000
QM	Spec	Mnth49	Increase	USD	935	850	1,100	1,000
QM	Hedge/Member	Mnth49	Increase	USD	850	850	1,000	1,000
QM	Spec	Mnth50	Increase	USD	935	850	1,100	1,000
QM	Hedge/Member	Mnth50	Increase	USD	850	850	1,000	1,000
QM	Spec	Mnth51	Increase	USD	935	850	1,100	1,000
QM	Hedge/Member	Mnth51	Increase	USD	850	850	1,000	1,000
QM	Spec	Mnth52	Increase	USD	935	850	1,100	1,000
QM	Hedge/Member	Mnth52	Increase	USD	850	850	1,000	1,000
QM	Spec	Mnth53	Increase	USD	935	850	1,100	1,000
QM	Hedge/Member	Mnth53	Increase	USD	850	850	1,000	1,000
QM	Spec	Mnth54	Increase	USD	935	850	1,100	1,000
QM	Hedge/Member	Mnth54	Increase	USD	850	850	1,000	1,000
QM	Spec	Mnth55	Increase	USD	935	850	1,100	1,000
QM	Hedge/Member	Mnth55	Increase	USD	850	850	1,000	1,000
QM	Spec	Mnth56	Increase	USD	935	850	1,100	1,000
QM	Hedge/Member	Mnth56	Increase	USD	850	850	1,000	1,000
QM	Spec	Mnth57	Increase	USD	935	850	1,100	1,000
QM	Hedge/Member	Mnth57	Increase	USD	850	850	1,000	1,000
QM	Spec	Mnth58	Increase	USD	935	850	1,100	1,000
QM	Hedge/Member	Mnth58	Increase	USD	850	850	1,000	1,000
QM	Spec	Mnth59	Increase	USD	935	850	1,100	1,000
QM	Hedge/Member	Mnth59	Increase	USD	850	850	1,000	1,000
QM	Spec	Mnth60	Increase	USD	935	850	1,100	1,000

## SPAN MINIMUM PERFORMANCE BOND REQUIREMENTS

CC	Rate Type	Description	Change	ISO	Current Initial	Current Maintenance	New Initial	New Maintenance
<b>Outright Rates</b>								
QM	Hedge/Member	Mnth60	Increase	USD	850	850	1,000	1,000
QM	Spec	Mnth61	Increase	USD	935	850	1,100	1,000
QM	Hedge/Member	Mnth61	Increase	USD	850	850	1,000	1,000
QM	Spec	Mnth62	Increase	USD	935	850	1,100	1,000
QM	Hedge/Member	Mnth62	Increase	USD	850	850	1,000	1,000
QM	Spec	Mnth63	Increase	USD	935	850	1,100	1,000
QM	Hedge/Member	Mnth63	Increase	USD	850	850	1,000	1,000
QM	Spec	Mnth64	Increase	USD	935	850	1,100	1,000
QM	Hedge/Member	Mnth64	Increase	USD	850	850	1,000	1,000
QM	Spec	Mnth65+	Increase	USD	935	850	1,100	1,000
QM	Hedge/Member	Mnth65+	Increase	USD	850	850	1,000	1,000

## SPAN MINIMUM PERFORMANCE BOND REQUIREMENTS

CC	Rate Type	Description	Change	ISO	Current Initial	Current Maintenance	New Initial	New Maintenance
<b>Outright Rates</b>								
<b>MICRO BRENT CRUDE OIL FUTURES (MBZ)</b>								
MBZ	Spec	Mnth1	Increase	USD	4	3	4	4
MBZ	Hedge/Member	Mnth1	Increase	USD	3	3	4	4
MBZ	Spec	Mnth2	Increase	USD	4	3	4	4
MBZ	Hedge/Member	Mnth2	Increase	USD	3	3	4	4
MBZ	Spec	Mnth3	Increase	USD	4	3	4	4
MBZ	Hedge/Member	Mnth3	Increase	USD	3	3	4	4
MBZ	Spec	Mnth4	Increase	USD	4	3	4	4
MBZ	Hedge/Member	Mnth4	Increase	USD	3	3	4	4
MBZ	Spec	Mnth5	Increase	USD	3	3	4	4
MBZ	Hedge/Member	Mnth5	Increase	USD	3	3	4	4
MBZ	Spec	Mnth6	Increase	USD	3	3	4	3
MBZ	Hedge/Member	Mnth6	Increase	USD	3	3	3	3
MBZ	Spec	Mnth7	Increase	USD	3	3	4	3
MBZ	Hedge/Member	Mnth7	Increase	USD	3	3	3	3
MBZ	Spec	Mnth8	Increase	USD	3	3	4	3
MBZ	Hedge/Member	Mnth8	Increase	USD	3	3	3	3
MBZ	Spec	Mnth9	Increase	USD	3	3	3	3
MBZ	Hedge/Member	Mnth9	Increase	USD	3	3	3	3
MBZ	Spec	Mnth10	Increase	USD	3	3	3	3
MBZ	Hedge/Member	Mnth10	Increase	USD	3	3	3	3
MBZ	Spec	Mnth11	Increase	USD	3	3	3	3
MBZ	Hedge/Member	Mnth11	Increase	USD	3	3	3	3
MBZ	Spec	Mnth12	Increase	USD	3	2	3	3
MBZ	Hedge/Member	Mnth12	Increase	USD	2	2	3	3
MBZ	Spec	Mnth13	Increase	USD	3	2	3	3
MBZ	Hedge/Member	Mnth13	Increase	USD	2	2	3	3
MBZ	Spec	Mnth14	Increase	USD	2	2	3	3
MBZ	Hedge/Member	Mnth14	Increase	USD	2	2	3	3
MBZ	Spec	Mnth15	Increase	USD	2	2	3	3
MBZ	Hedge/Member	Mnth15	Increase	USD	2	2	3	3
MBZ	Spec	Mnth16	Increase	USD	2	2	3	3
MBZ	Hedge/Member	Mnth16	Increase	USD	2	2	3	3
MBZ	Spec	Mnth17	Increase	USD	2	2	3	3
MBZ	Hedge/Member	Mnth17	Increase	USD	2	2	3	3
MBZ	Spec	Mnth18	Increase	USD	2	2	3	3
MBZ	Hedge/Member	Mnth18	Increase	USD	2	2	3	3
MBZ	Spec	Mnth19	Increase	USD	2	2	3	3
MBZ	Hedge/Member	Mnth19	Increase	USD	2	2	3	3
MBZ	Spec	Mnth20	Increase	USD	2	2	3	3

## SPAN MINIMUM PERFORMANCE BOND REQUIREMENTS

CC	Rate Type	Description	Change	ISO	Current Initial	Current Maintenance	New Initial	New Maintenance
<b>Outright Rates</b>								
MBZ	Hedge/Member	Mnth20	Increase	USD	2	2	3	3
MBZ	Spec	Mnth21	Increase	USD	2	2	3	3
MBZ	Hedge/Member	Mnth21	Increase	USD	2	2	3	3
MBZ	Spec	Mnth22	Increase	USD	2	2	3	3
MBZ	Hedge/Member	Mnth22	Increase	USD	2	2	3	3
MBZ	Spec	Mnth23	Increase	USD	2	2	3	3
MBZ	Hedge/Member	Mnth23	Increase	USD	2	2	3	3
MBZ	Spec	Mnth24	Increase	USD	2	2	3	3
MBZ	Hedge/Member	Mnth24	Increase	USD	2	2	3	3
MBZ	Spec	Mnth25	Increase	USD	2	2	3	3
MBZ	Hedge/Member	Mnth25	Increase	USD	2	2	3	3
MBZ	Spec	Mnth26	Increase	USD	2	2	3	3
MBZ	Hedge/Member	Mnth26	Increase	USD	2	2	3	3
MBZ	Spec	Mnth27	Increase	USD	2	2	3	3
MBZ	Hedge/Member	Mnth27	Increase	USD	2	2	3	3
MBZ	Spec	Mnth28	Increase	USD	2	2	3	3
MBZ	Hedge/Member	Mnth28	Increase	USD	2	2	3	3
MBZ	Spec	Mnth29	Increase	USD	2	2	3	3
MBZ	Hedge/Member	Mnth29	Increase	USD	2	2	3	3
MBZ	Spec	Mnth30	Increase	USD	2	2	3	3
MBZ	Hedge/Member	Mnth30	Increase	USD	2	2	3	3
MBZ	Spec	Mnth31	Increase	USD	2	2	3	3
MBZ	Hedge/Member	Mnth31	Increase	USD	2	2	3	3
MBZ	Spec	Mnth32	Increase	USD	2	2	3	3
MBZ	Hedge/Member	Mnth32	Increase	USD	2	2	3	3
MBZ	Spec	Mnth33	Increase	USD	2	2	3	3
MBZ	Hedge/Member	Mnth33	Increase	USD	2	2	3	3
MBZ	Spec	Mnth34	Increase	USD	2	2	3	3
MBZ	Hedge/Member	Mnth34	Increase	USD	2	2	3	3
MBZ	Spec	Mnth35	Increase	USD	2	2	3	2
MBZ	Hedge/Member	Mnth35	Increase	USD	2	2	2	2
MBZ	Spec	Mnth36	Increase	USD	2	2	3	2
MBZ	Hedge/Member	Mnth36	Increase	USD	2	2	2	2
MBZ	Spec	Mnth37	Increase	USD	2	2	3	2
MBZ	Hedge/Member	Mnth37	Increase	USD	2	2	2	2
MBZ	Spec	Mnth38	Increase	USD	2	2	3	2
MBZ	Hedge/Member	Mnth38	Increase	USD	2	2	2	2
MBZ	Spec	Mnth39	Increase	USD	2	2	3	2
MBZ	Hedge/Member	Mnth39	Increase	USD	2	2	2	2
MBZ	Spec	Mnth40	Increase	USD	2	2	3	2

## SPAN MINIMUM PERFORMANCE BOND REQUIREMENTS

CC	Rate Type	Description	Change	ISO	Current Initial	Current Maintenance	New Initial	New Maintenance
<b>Outright Rates</b>								
MBZ	Hedge/Member	Mnth40	Increase	USD	2	2	2	2
MBZ	Spec	Mnth41	Increase	USD	2	2	3	2
MBZ	Hedge/Member	Mnth41	Increase	USD	2	2	2	2
MBZ	Spec	Mnth42	Increase	USD	2	2	3	2
MBZ	Hedge/Member	Mnth42	Increase	USD	2	2	2	2
MBZ	Spec	Mnth43	Increase	USD	2	2	3	2
MBZ	Hedge/Member	Mnth43	Increase	USD	2	2	2	2
MBZ	Spec	Mnth44	Increase	USD	2	2	3	2
MBZ	Hedge/Member	Mnth44	Increase	USD	2	2	2	2
MBZ	Spec	Mnth45	Increase	USD	2	2	3	2
MBZ	Hedge/Member	Mnth45	Increase	USD	2	2	2	2
MBZ	Spec	Mnth46	Increase	USD	2	2	3	2
MBZ	Hedge/Member	Mnth46	Increase	USD	2	2	2	2
MBZ	Spec	Mnth47	Increase	USD	2	2	3	2
MBZ	Hedge/Member	Mnth47	Increase	USD	2	2	2	2
MBZ	Spec	Mnth48	Increase	USD	2	2	3	2
MBZ	Hedge/Member	Mnth48	Increase	USD	2	2	2	2
MBZ	Spec	Mnth49	Increase	USD	2	2	3	2
MBZ	Hedge/Member	Mnth49	Increase	USD	2	2	2	2
MBZ	Spec	Mnth50	Increase	USD	2	2	3	2
MBZ	Hedge/Member	Mnth50	Increase	USD	2	2	2	2
MBZ	Spec	Mnth51	Increase	USD	2	2	3	2
MBZ	Hedge/Member	Mnth51	Increase	USD	2	2	2	2
MBZ	Spec	Mnth52	Increase	USD	2	2	3	2
MBZ	Hedge/Member	Mnth52	Increase	USD	2	2	2	2
MBZ	Spec	Mnth53	Increase	USD	2	2	3	2
MBZ	Hedge/Member	Mnth53	Increase	USD	2	2	2	2
MBZ	Spec	Mnth54	Increase	USD	2	2	3	2
MBZ	Hedge/Member	Mnth54	Increase	USD	2	2	2	2
MBZ	Spec	Mnth55	Increase	USD	2	2	3	2
MBZ	Hedge/Member	Mnth55	Increase	USD	2	2	2	2
MBZ	Spec	Mnth56	Increase	USD	2	2	3	2
MBZ	Hedge/Member	Mnth56	Increase	USD	2	2	2	2
MBZ	Spec	Mnth57	Increase	USD	2	2	3	2
MBZ	Hedge/Member	Mnth57	Increase	USD	2	2	2	2
MBZ	Spec	Mnth58	Increase	USD	2	2	3	2
MBZ	Hedge/Member	Mnth58	Increase	USD	2	2	2	2
MBZ	Spec	Mnth59	Increase	USD	2	2	3	2
MBZ	Hedge/Member	Mnth59	Increase	USD	2	2	2	2
MBZ	Spec	Mnth60	Increase	USD	2	2	3	2

## SPAN MINIMUM PERFORMANCE BOND REQUIREMENTS

CC	Rate Type	Description	Change	ISO	Current Initial	Current Maintenance	New Initial	New Maintenance
<b>Outright Rates</b>								
MBZ	Hedge/Member	Mnth60	Increase	USD	2	2	2	2
MBZ	Spec	Mnth61	Increase	USD	2	2	3	2
MBZ	Hedge/Member	Mnth61	Increase	USD	2	2	2	2
MBZ	Spec	Mnth62	Increase	USD	2	2	3	2
MBZ	Hedge/Member	Mnth62	Increase	USD	2	2	2	2
MBZ	Spec	Mnth63	Increase	USD	2	2	3	2
MBZ	Hedge/Member	Mnth63	Increase	USD	2	2	2	2
MBZ	Spec	Mnth64	Increase	USD	2	2	3	2
MBZ	Hedge/Member	Mnth64	Increase	USD	2	2	2	2
MBZ	Spec	Mnth65+	Increase	USD	2	2	3	2
MBZ	Hedge/Member	Mnth65+	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
<b>Outright Rates</b>								
<b>MICRO CRUDE OIL FUTURES (MCL)</b>								
MCL	Spec	Mnth1	Increase	USD	4	3	4	4
MCL	Hedge/Member	Mnth1	Increase	USD	3	3	4	4
MCL	Spec	Mnth2	Increase	USD	4	3	4	4
MCL	Hedge/Member	Mnth2	Increase	USD	3	3	4	4
MCL	Spec	Mnth3	Increase	USD	4	3	4	4
MCL	Hedge/Member	Mnth3	Increase	USD	3	3	4	4
MCL	Spec	Mnth4	Increase	USD	3	3	4	3
MCL	Hedge/Member	Mnth4	Increase	USD	3	3	3	3
MCL	Spec	Mnth5	Increase	USD	3	3	3	3
MCL	Hedge/Member	Mnth5	Increase	USD	3	3	3	3
MCL	Spec	Mnth6	Increase	USD	3	3	3	3
MCL	Hedge/Member	Mnth6	Increase	USD	3	3	3	3
MCL	Spec	Mnth7	Increase	USD	3	3	3	3
MCL	Hedge/Member	Mnth7	Increase	USD	3	3	3	3
MCL	Spec	Mnth8	Increase	USD	3	3	3	3
MCL	Hedge/Member	Mnth8	Increase	USD	3	3	3	3
MCL	Spec	Mnth9	Increase	USD	3	3	3	3
MCL	Hedge/Member	Mnth9	Increase	USD	3	3	3	3
MCL	Spec	Mnth10	Increase	USD	3	3	3	3
MCL	Hedge/Member	Mnth10	Increase	USD	3	3	3	3
MCL	Spec	Mnth11	Increase	USD	3	2	3	3
MCL	Hedge/Member	Mnth11	Increase	USD	2	2	3	3
MCL	Spec	Mnth12	Increase	USD	3	2	3	3
MCL	Hedge/Member	Mnth12	Increase	USD	2	2	3	3
MCL	Spec	Mnth13	Increase	USD	3	2	3	3
MCL	Hedge/Member	Mnth13	Increase	USD	2	2	3	3
MCL	Spec	Mnth14	Increase	USD	3	2	3	3
MCL	Hedge/Member	Mnth14	Increase	USD	2	2	3	3
MCL	Spec	Mnth15	Increase	USD	2	2	3	3
MCL	Hedge/Member	Mnth15	Increase	USD	2	2	3	3
MCL	Spec	Mnth16	Increase	USD	2	2	3	3
MCL	Hedge/Member	Mnth16	Increase	USD	2	2	3	3
MCL	Spec	Mnth17	Increase	USD	2	2	3	3
MCL	Hedge/Member	Mnth17	Increase	USD	2	2	3	3
MCL	Spec	Mnth18	Increase	USD	2	2	3	2
MCL	Hedge/Member	Mnth18	Increase	USD	2	2	2	2
MCL	Spec	Mnth19	Increase	USD	2	2	3	2
MCL	Hedge/Member	Mnth19	Increase	USD	2	2	2	2
MCL	Spec	Mnth20	Increase	USD	2	2	3	2

## SPAN MINIMUM PERFORMANCE BOND REQUIREMENTS

CC	Rate Type	Description	Change	ISO	Current Initial	Current Maintenance	New Initial	New Maintenance
<b>Outright Rates</b>								
MCL	Hedge/Member	Mnth20	Increase	USD	2	2	2	2
MCL	Spec	Mnth21	Increase	USD	2	2	3	2
MCL	Hedge/Member	Mnth21	Increase	USD	2	2	2	2
MCL	Spec	Mnth22	Increase	USD	2	2	3	2
MCL	Hedge/Member	Mnth22	Increase	USD	2	2	2	2
MCL	Spec	Mnth23	Increase	USD	2	2	2	2
MCL	Hedge/Member	Mnth23	Increase	USD	2	2	2	2
MCL	Spec	Mnth24	Increase	USD	2	2	2	2
MCL	Hedge/Member	Mnth24	Increase	USD	2	2	2	2
MCL	Spec	Mnth25	Increase	USD	2	2	2	2
MCL	Hedge/Member	Mnth25	Increase	USD	2	2	2	2
MCL	Spec	Mnth26	Increase	USD	2	2	2	2
MCL	Hedge/Member	Mnth26	Increase	USD	2	2	2	2
MCL	Spec	Mnth27	Increase	USD	2	2	2	2
MCL	Hedge/Member	Mnth27	Increase	USD	2	2	2	2
MCL	Spec	Mnth28	Increase	USD	2	2	2	2
MCL	Hedge/Member	Mnth28	Increase	USD	2	2	2	2
MCL	Spec	Mnth29	Increase	USD	2	2	2	2
MCL	Hedge/Member	Mnth29	Increase	USD	2	2	2	2
MCL	Spec	Mnth30	Increase	USD	2	2	2	2
MCL	Hedge/Member	Mnth30	Increase	USD	2	2	2	2
MCL	Spec	Mnth31	Increase	USD	2	2	2	2
MCL	Hedge/Member	Mnth31	Increase	USD	2	2	2	2
MCL	Spec	Mnth32	Increase	USD	2	2	2	2
MCL	Hedge/Member	Mnth32	Increase	USD	2	2	2	2
MCL	Spec	Mnth33	Increase	USD	2	2	2	2
MCL	Hedge/Member	Mnth33	Increase	USD	2	2	2	2
MCL	Spec	Mnth34	Increase	USD	2	2	2	2
MCL	Hedge/Member	Mnth34	Increase	USD	2	2	2	2
MCL	Spec	Mnth35	Increase	USD	2	2	2	2
MCL	Hedge/Member	Mnth35	Increase	USD	2	2	2	2
MCL	Spec	Mnth36	Increase	USD	2	2	2	2
MCL	Hedge/Member	Mnth36	Increase	USD	2	2	2	2
MCL	Spec	Mnth37	Increase	USD	2	2	2	2
MCL	Hedge/Member	Mnth37	Increase	USD	2	2	2	2
MCL	Spec	Mnth38	Increase	USD	2	2	2	2
MCL	Hedge/Member	Mnth38	Increase	USD	2	2	2	2
MCL	Spec	Mnth39	Increase	USD	2	2	2	2
MCL	Hedge/Member	Mnth39	Increase	USD	2	2	2	2
MCL	Spec	Mnth40	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
<b>Outright Rates</b>								
MCL	Hedge/Member	Mnth40	Increase	USD	2	2	2	2
MCL	Spec	Mnth41	Increase	USD	2	2	2	2
MCL	Hedge/Member	Mnth41	Increase	USD	2	2	2	2
MCL	Spec	Mnth42	Increase	USD	2	2	2	2
MCL	Hedge/Member	Mnth42	Increase	USD	2	2	2	2
MCL	Spec	Mnth43	Increase	USD	2	2	2	2
MCL	Hedge/Member	Mnth43	Increase	USD	2	2	2	2
MCL	Spec	Mnth44	Increase	USD	2	2	2	2
MCL	Hedge/Member	Mnth44	Increase	USD	2	2	2	2
MCL	Spec	Mnth45	Increase	USD	2	2	2	2
MCL	Hedge/Member	Mnth45	Increase	USD	2	2	2	2
MCL	Spec	Mnth46	Increase	USD	2	2	2	2
MCL	Hedge/Member	Mnth46	Increase	USD	2	2	2	2
MCL	Spec	Mnth47	Increase	USD	2	2	2	2
MCL	Hedge/Member	Mnth47	Increase	USD	2	2	2	2
MCL	Spec	Mnth48	Increase	USD	2	2	2	2
MCL	Hedge/Member	Mnth48	Increase	USD	2	2	2	2
MCL	Spec	Mnth49	Increase	USD	2	2	2	2
MCL	Hedge/Member	Mnth49	Increase	USD	2	2	2	2
MCL	Spec	Mnth50	Increase	USD	2	2	2	2
MCL	Hedge/Member	Mnth50	Increase	USD	2	2	2	2
MCL	Spec	Mnth51	Increase	USD	2	2	2	2
MCL	Hedge/Member	Mnth51	Increase	USD	2	2	2	2
MCL	Spec	Mnth52	Increase	USD	2	2	2	2
MCL	Hedge/Member	Mnth52	Increase	USD	2	2	2	2
MCL	Spec	Mnth53	Increase	USD	2	2	2	2
MCL	Hedge/Member	Mnth53	Increase	USD	2	2	2	2
MCL	Spec	Mnth54	Increase	USD	2	2	2	2
MCL	Hedge/Member	Mnth54	Increase	USD	2	2	2	2
MCL	Spec	Mnth55	Increase	USD	2	2	2	2
MCL	Hedge/Member	Mnth55	Increase	USD	2	2	2	2
MCL	Spec	Mnth56	Increase	USD	2	2	2	2
MCL	Hedge/Member	Mnth56	Increase	USD	2	2	2	2
MCL	Spec	Mnth57	Increase	USD	2	2	2	2
MCL	Hedge/Member	Mnth57	Increase	USD	2	2	2	2
MCL	Spec	Mnth58	Increase	USD	2	2	2	2
MCL	Hedge/Member	Mnth58	Increase	USD	2	2	2	2
MCL	Spec	Mnth59	Increase	USD	2	2	2	2
MCL	Hedge/Member	Mnth59	Increase	USD	2	2	2	2
MCL	Spec	Mnth60	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
<b>Outright Rates</b>								
MCL	Hedge/Member	Mnth60	Increase	USD	2	2	2	2
MCL	Spec	Mnth61	Increase	USD	2	2	2	2
MCL	Hedge/Member	Mnth61	Increase	USD	2	2	2	2
MCL	Spec	Mnth62	Increase	USD	2	2	2	2
MCL	Hedge/Member	Mnth62	Increase	USD	2	2	2	2
MCL	Spec	Mnth63	Increase	USD	2	2	2	2
MCL	Hedge/Member	Mnth63	Increase	USD	2	2	2	2
MCL	Spec	Mnth64	Increase	USD	2	2	2	2
MCL	Hedge/Member	Mnth64	Increase	USD	2	2	2	2
MCL	Spec	Mnth65+	Increase	USD	2	2	2	2
MCL	Hedge/Member	Mnth65+	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
<b>Outright Rates</b>								
<b>MINI DUBAI CRUDE OIL (PLATTS) FUT (DBL)</b>								
DBL	Spec	Mnth1	Increase	USD	341	310	385	350
DBL	Hedge/Member	Mnth1	Increase	USD	310	310	350	350
DBL	Spec	Mnth2	Increase	USD	341	310	385	350
DBL	Hedge/Member	Mnth2	Increase	USD	310	310	350	350
DBL	Spec	Mnth3	Increase	USD	336	305	380	345
DBL	Hedge/Member	Mnth3	Increase	USD	305	305	345	345
DBL	Spec	Mnth4	Increase	USD	336	305	380	345
DBL	Hedge/Member	Mnth4	Increase	USD	305	305	345	345
DBL	Spec	Mnth5	Increase	USD	336	305	380	345
DBL	Hedge/Member	Mnth5	Increase	USD	305	305	345	345
DBL	Spec	Mnth6	Increase	USD	336	305	380	345
DBL	Hedge/Member	Mnth6	Increase	USD	305	305	345	345
DBL	Spec	Mnth7	Increase	USD	336	305	380	345
DBL	Hedge/Member	Mnth7	Increase	USD	305	305	345	345
DBL	Spec	Mnth8	Increase	USD	336	305	380	345
DBL	Hedge/Member	Mnth8	Increase	USD	305	305	345	345
DBL	Spec	Mnth9	Increase	USD	336	305	380	345
DBL	Hedge/Member	Mnth9	Increase	USD	305	305	345	345
DBL	Spec	Mnth10	Increase	USD	336	305	380	345
DBL	Hedge/Member	Mnth10	Increase	USD	305	305	345	345
DBL	Spec	Mnth11	Increase	USD	330	300	374	340
DBL	Hedge/Member	Mnth11	Increase	USD	300	300	340	340
DBL	Spec	Mnth12	Increase	USD	330	300	374	340
DBL	Hedge/Member	Mnth12	Increase	USD	300	300	340	340
DBL	Spec	Mnth13	Increase	USD	330	300	374	340
DBL	Hedge/Member	Mnth13	Increase	USD	300	300	340	340
DBL	Spec	Mnth14	Increase	USD	330	300	374	340
DBL	Hedge/Member	Mnth14	Increase	USD	300	300	340	340
DBL	Spec	Mnth15	Increase	USD	330	300	374	340
DBL	Hedge/Member	Mnth15	Increase	USD	300	300	340	340
DBL	Spec	Mnth16	Increase	USD	330	300	374	340
DBL	Hedge/Member	Mnth16	Increase	USD	300	300	340	340
DBL	Spec	Mnth17	Increase	USD	330	300	374	340
DBL	Hedge/Member	Mnth17	Increase	USD	300	300	340	340
DBL	Spec	Mnth18	Increase	USD	330	300	374	340
DBL	Hedge/Member	Mnth18	Increase	USD	300	300	340	340
DBL	Spec	Mnth19	Increase	USD	330	300	374	340
DBL	Hedge/Member	Mnth19	Increase	USD	300	300	340	340
DBL	Spec	Mnth20	Increase	USD	330	300	374	340

## SPAN MINIMUM PERFORMANCE BOND REQUIREMENTS

CC	Rate Type	Description	Change	ISO	Current Initial	Current Maintenance	New Initial	New Maintenance
<b>Outright Rates</b>								
DBL	Hedge/Member	Mnth20	Increase	USD	300	300	340	340
DBL	Spec	Mnth21	Increase	USD	330	300	374	340
DBL	Hedge/Member	Mnth21	Increase	USD	300	300	340	340
DBL	Spec	Mnth22	Increase	USD	330	300	374	340
DBL	Hedge/Member	Mnth22	Increase	USD	300	300	340	340
DBL	Spec	Mnth23	Increase	USD	330	300	374	340
DBL	Hedge/Member	Mnth23	Increase	USD	300	300	340	340
DBL	Spec	Mnth24	Increase	USD	330	300	374	340
DBL	Hedge/Member	Mnth24	Increase	USD	300	300	340	340
DBL	Spec	Mnth25	Increase	USD	330	300	374	340
DBL	Hedge/Member	Mnth25	Increase	USD	300	300	340	340
DBL	Spec	Mnth26	Increase	USD	330	300	374	340
DBL	Hedge/Member	Mnth26	Increase	USD	300	300	340	340
DBL	Spec	Mnth27	Increase	USD	330	300	374	340
DBL	Hedge/Member	Mnth27	Increase	USD	300	300	340	340
DBL	Spec	Mnth28	Increase	USD	330	300	374	340
DBL	Hedge/Member	Mnth28	Increase	USD	300	300	340	340
DBL	Spec	Mnth29	Increase	USD	330	300	374	340
DBL	Hedge/Member	Mnth29	Increase	USD	300	300	340	340
DBL	Spec	Mnth30	Increase	USD	330	300	374	340
DBL	Hedge/Member	Mnth30	Increase	USD	300	300	340	340
DBL	Spec	Mnth31	Increase	USD	330	300	374	340
DBL	Hedge/Member	Mnth31	Increase	USD	300	300	340	340
DBL	Spec	Mnth32	Increase	USD	330	300	374	340
DBL	Hedge/Member	Mnth32	Increase	USD	300	300	340	340
DBL	Spec	Mnth33	Increase	USD	330	300	374	340
DBL	Hedge/Member	Mnth33	Increase	USD	300	300	340	340
DBL	Spec	Mnth34	Increase	USD	330	300	374	340
DBL	Hedge/Member	Mnth34	Increase	USD	300	300	340	340
DBL	Spec	Mnth35+	Increase	USD	330	300	374	340
DBL	Hedge/Member	Mnth35+	Increase	USD	300	300	340	340

## SPAN MINIMUM PERFORMANCE BOND REQUIREMENTS

CC	Rate Type	Description	Change	ISO	Current Initial	Current Maintenance	New Initial	New Maintenance
<b>Outright Rates</b>								
<b>OMAN CRUDE FINANCIAL (ZG)</b>								
ZG	Spec	Mnth1	Increase	USD	4,510	4,100	5,060	4,600
ZG	Hedge/Member	Mnth1	Increase	USD	4,100	4,100	4,600	4,600
ZG	Spec	Mnth2	Increase	USD	3,850	3,500	4,180	3,800
ZG	Hedge/Member	Mnth2	Increase	USD	3,500	3,500	3,800	3,800
ZG	Spec	Mnth3	Increase	USD	3,795	3,450	3,960	3,600
ZG	Hedge/Member	Mnth3	Increase	USD	3,450	3,450	3,600	3,600
ZG	Spec	Mnth4	Increase	USD	3,795	3,450	3,960	3,600
ZG	Hedge/Member	Mnth4	Increase	USD	3,450	3,450	3,600	3,600
ZG	Spec	Mnth5	Increase	USD	3,795	3,450	3,960	3,600
ZG	Hedge/Member	Mnth5	Increase	USD	3,450	3,450	3,600	3,600
ZG	Spec	Mnth6	Increase	USD	3,795	3,450	3,960	3,600
ZG	Hedge/Member	Mnth6	Increase	USD	3,450	3,450	3,600	3,600
ZG	Spec	Days 1 - 3	Increase	USD	4,510	4,100	5,060	4,600
ZG	Hedge/Member	Days 1 - 3	Increase	USD	4,100	4,100	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>WTI CALENDAR FUT (CS)</b>								
CS	Spec	Mnth1	Increase	USD	3,740	3,400	4,070	3,700
CS	Hedge/Member	Mnth1	Increase	USD	3,400	3,400	3,700	3,700
CS	Spec	Mnth2	Increase	USD	3,630	3,300	3,960	3,600
CS	Hedge/Member	Mnth2	Increase	USD	3,300	3,300	3,600	3,600
CS	Spec	Mnth3	Increase	USD	3,520	3,200	3,850	3,500
CS	Hedge/Member	Mnth3	Increase	USD	3,200	3,200	3,500	3,500
CS	Spec	Mnth4	Increase	USD	3,300	3,000	3,630	3,300
CS	Hedge/Member	Mnth4	Increase	USD	3,000	3,000	3,300	3,300
CS	Spec	Mnth5	Increase	USD	3,135	2,850	3,465	3,150
CS	Hedge/Member	Mnth5	Increase	USD	2,850	2,850	3,150	3,150
CS	Spec	Mnth6	Increase	USD	3,025	2,750	3,355	3,050
CS	Hedge/Member	Mnth6	Increase	USD	2,750	2,750	3,050	3,050
CS	Spec	Mnth7	Increase	USD	2,915	2,650	3,245	2,950
CS	Hedge/Member	Mnth7	Increase	USD	2,650	2,650	2,950	2,950
CS	Spec	Mnth8	Increase	USD	2,860	2,600	3,190	2,900
CS	Hedge/Member	Mnth8	Increase	USD	2,600	2,600	2,900	2,900
CS	Spec	Mnth9	Increase	USD	2,805	2,550	3,135	2,850
CS	Hedge/Member	Mnth9	Increase	USD	2,550	2,550	2,850	2,850
CS	Spec	Mnth10	Increase	USD	2,750	2,500	3,080	2,800
CS	Hedge/Member	Mnth10	Increase	USD	2,500	2,500	2,800	2,800
CS	Spec	Mnth11	Increase	USD	2,695	2,450	3,025	2,750
CS	Hedge/Member	Mnth11	Increase	USD	2,450	2,450	2,750	2,750
CS	Spec	Mnth12	Increase	USD	2,640	2,400	2,970	2,700
CS	Hedge/Member	Mnth12	Increase	USD	2,400	2,400	2,700	2,700
CS	Spec	Mnth13	Increase	USD	2,640	2,400	2,970	2,700
CS	Hedge/Member	Mnth13	Increase	USD	2,400	2,400	2,700	2,700
CS	Spec	Mnth14	Increase	USD	2,585	2,350	2,915	2,650
CS	Hedge/Member	Mnth14	Increase	USD	2,350	2,350	2,650	2,650
CS	Spec	Mnth15	Increase	USD	2,475	2,250	2,805	2,550
CS	Hedge/Member	Mnth15	Increase	USD	2,250	2,250	2,550	2,550
CS	Spec	Mnth16	Increase	USD	2,420	2,200	2,750	2,500
CS	Hedge/Member	Mnth16	Increase	USD	2,200	2,200	2,500	2,500
CS	Spec	Mnth17	Increase	USD	2,420	2,200	2,750	2,500
CS	Hedge/Member	Mnth17	Increase	USD	2,200	2,200	2,500	2,500
CS	Spec	Mnth18	Increase	USD	2,310	2,100	2,640	2,400
CS	Hedge/Member	Mnth18	Increase	USD	2,100	2,100	2,400	2,400
CS	Spec	Mnth19	Increase	USD	2,310	2,100	2,640	2,400
CS	Hedge/Member	Mnth19	Increase	USD	2,100	2,100	2,400	2,400
CS	Spec	Mnth20	Increase	USD	2,255	2,050	2,585	2,350

## SPAN MINIMUM PERFORMANCE BOND REQUIREMENTS

CC	Rate Type	Description	Change	ISO	Current Initial	Current Maintenance	New Initial	New Maintenance
<b>Outright Rates</b>								
CS	Hedge/Member	Mnth20	Increase	USD	2,050	2,050	2,350	2,350
CS	Spec	Mnth21	Increase	USD	2,200	2,000	2,530	2,300
CS	Hedge/Member	Mnth21	Increase	USD	2,000	2,000	2,300	2,300
CS	Spec	Mnth22	Increase	USD	2,200	2,000	2,530	2,300
CS	Hedge/Member	Mnth22	Increase	USD	2,000	2,000	2,300	2,300
CS	Spec	Mnth23	Increase	USD	2,145	1,950	2,475	2,250
CS	Hedge/Member	Mnth23	Increase	USD	1,950	1,950	2,250	2,250
CS	Spec	Mnth24	Increase	USD	2,145	1,950	2,475	2,250
CS	Hedge/Member	Mnth24	Increase	USD	1,950	1,950	2,250	2,250
CS	Spec	Mnth25	Increase	USD	2,145	1,950	2,475	2,250
CS	Hedge/Member	Mnth25	Increase	USD	1,950	1,950	2,250	2,250
CS	Spec	Mnth26	Increase	USD	2,090	1,900	2,420	2,200
CS	Hedge/Member	Mnth26	Increase	USD	1,900	1,900	2,200	2,200
CS	Spec	Mnth27	Increase	USD	2,090	1,900	2,420	2,200
CS	Hedge/Member	Mnth27	Increase	USD	1,900	1,900	2,200	2,200
CS	Spec	Mnth28	Increase	USD	2,090	1,900	2,420	2,200
CS	Hedge/Member	Mnth28	Increase	USD	1,900	1,900	2,200	2,200
CS	Spec	Mnth29	Increase	USD	1,980	1,800	2,310	2,100
CS	Hedge/Member	Mnth29	Increase	USD	1,800	1,800	2,100	2,100
CS	Spec	Mnth30	Increase	USD	1,980	1,800	2,310	2,100
CS	Hedge/Member	Mnth30	Increase	USD	1,800	1,800	2,100	2,100
CS	Spec	Mnth31	Increase	USD	1,980	1,800	2,310	2,100
CS	Hedge/Member	Mnth31	Increase	USD	1,800	1,800	2,100	2,100
CS	Spec	Mnth32	Increase	USD	1,870	1,700	2,200	2,000
CS	Hedge/Member	Mnth32	Increase	USD	1,700	1,700	2,000	2,000
CS	Spec	Mnth33	Increase	USD	1,870	1,700	2,200	2,000
CS	Hedge/Member	Mnth33	Increase	USD	1,700	1,700	2,000	2,000
CS	Spec	Mnth34	Increase	USD	1,870	1,700	2,200	2,000
CS	Hedge/Member	Mnth34	Increase	USD	1,700	1,700	2,000	2,000
CS	Spec	Mnth35	Increase	USD	1,870	1,700	2,200	2,000
CS	Hedge/Member	Mnth35	Increase	USD	1,700	1,700	2,000	2,000
CS	Spec	Mnth36	Increase	USD	1,870	1,700	2,200	2,000
CS	Hedge/Member	Mnth36	Increase	USD	1,700	1,700	2,000	2,000
CS	Spec	Mnth37	Increase	USD	1,870	1,700	2,200	2,000
CS	Hedge/Member	Mnth37	Increase	USD	1,700	1,700	2,000	2,000
CS	Spec	Mnth38	Increase	USD	1,870	1,700	2,200	2,000
CS	Hedge/Member	Mnth38	Increase	USD	1,700	1,700	2,000	2,000
CS	Spec	Mnth39	Increase	USD	1,870	1,700	2,200	2,000
CS	Hedge/Member	Mnth39	Increase	USD	1,700	1,700	2,000	2,000
CS	Spec	Mnth40	Increase	USD	1,870	1,700	2,200	2,000

## SPAN MINIMUM PERFORMANCE BOND REQUIREMENTS

CC	Rate Type	Description	Change	ISO	Current Initial	Current Maintenance	New Initial	New Maintenance
<b>Outright Rates</b>								
CS	Hedge/Member	Mnth40	Increase	USD	1,700	1,700	2,000	2,000
CS	Spec	Mnth41	Increase	USD	1,870	1,700	2,200	2,000
CS	Hedge/Member	Mnth41	Increase	USD	1,700	1,700	2,000	2,000
CS	Spec	Mnth42	Increase	USD	1,870	1,700	2,200	2,000
CS	Hedge/Member	Mnth42	Increase	USD	1,700	1,700	2,000	2,000
CS	Spec	Mnth43	Increase	USD	1,870	1,700	2,200	2,000
CS	Hedge/Member	Mnth43	Increase	USD	1,700	1,700	2,000	2,000
CS	Spec	Mnth44	Increase	USD	1,870	1,700	2,200	2,000
CS	Hedge/Member	Mnth44	Increase	USD	1,700	1,700	2,000	2,000
CS	Spec	Mnth45	Increase	USD	1,870	1,700	2,200	2,000
CS	Hedge/Member	Mnth45	Increase	USD	1,700	1,700	2,000	2,000
CS	Spec	Mnth46	Increase	USD	1,870	1,700	2,200	2,000
CS	Hedge/Member	Mnth46	Increase	USD	1,700	1,700	2,000	2,000
CS	Spec	Mnth47	Increase	USD	1,870	1,700	2,200	2,000
CS	Hedge/Member	Mnth47	Increase	USD	1,700	1,700	2,000	2,000
CS	Spec	Mnth48	Increase	USD	1,870	1,700	2,200	2,000
CS	Hedge/Member	Mnth48	Increase	USD	1,700	1,700	2,000	2,000
CS	Spec	Mnth49	Increase	USD	1,870	1,700	2,200	2,000
CS	Hedge/Member	Mnth49	Increase	USD	1,700	1,700	2,000	2,000
CS	Spec	Mnth50	Increase	USD	1,870	1,700	2,200	2,000
CS	Hedge/Member	Mnth50	Increase	USD	1,700	1,700	2,000	2,000
CS	Spec	Mnth51	Increase	USD	1,870	1,700	2,200	2,000
CS	Hedge/Member	Mnth51	Increase	USD	1,700	1,700	2,000	2,000
CS	Spec	Mnth52	Increase	USD	1,870	1,700	2,200	2,000
CS	Hedge/Member	Mnth52	Increase	USD	1,700	1,700	2,000	2,000
CS	Spec	Mnth53	Increase	USD	1,870	1,700	2,200	2,000
CS	Hedge/Member	Mnth53	Increase	USD	1,700	1,700	2,000	2,000
CS	Spec	Mnth54	Increase	USD	1,870	1,700	2,200	2,000
CS	Hedge/Member	Mnth54	Increase	USD	1,700	1,700	2,000	2,000
CS	Spec	Mnth55	Increase	USD	1,870	1,700	2,200	2,000
CS	Hedge/Member	Mnth55	Increase	USD	1,700	1,700	2,000	2,000
CS	Spec	Mnth56	Increase	USD	1,870	1,700	2,200	2,000
CS	Hedge/Member	Mnth56	Increase	USD	1,700	1,700	2,000	2,000
CS	Spec	Mnth57	Increase	USD	1,870	1,700	2,200	2,000
CS	Hedge/Member	Mnth57	Increase	USD	1,700	1,700	2,000	2,000
CS	Spec	Mnth58	Increase	USD	1,870	1,700	2,200	2,000
CS	Hedge/Member	Mnth58	Increase	USD	1,700	1,700	2,000	2,000
CS	Spec	Mnth59	Increase	USD	1,870	1,700	2,200	2,000
CS	Hedge/Member	Mnth59	Increase	USD	1,700	1,700	2,000	2,000
CS	Spec	Mnth60	Increase	USD	1,870	1,700	2,200	2,000



## SPAN MINIMUM PERFORMANCE BOND REQUIREMENTS

CC	Rate Type	Description	Change	ISO	Current Initial	Current Maintenance	New Initial	New Maintenance
<b>Outright Rates</b>								
CS	Hedge/Member	Mnth60	Increase	USD	1,700	1,700	2,000	2,000
CS	Spec	Mnth61	Increase	USD	1,870	1,700	2,200	2,000
CS	Hedge/Member	Mnth61	Increase	USD	1,700	1,700	2,000	2,000
CS	Spec	Mnth62	Increase	USD	1,870	1,700	2,200	2,000
CS	Hedge/Member	Mnth62	Increase	USD	1,700	1,700	2,000	2,000
CS	Spec	Mnth63	Increase	USD	1,870	1,700	2,200	2,000
CS	Hedge/Member	Mnth63	Increase	USD	1,700	1,700	2,000	2,000
CS	Spec	Mnth64	Increase	USD	1,870	1,700	2,200	2,000
CS	Hedge/Member	Mnth64	Increase	USD	1,700	1,700	2,000	2,000
CS	Spec	Mnth65+	Increase	USD	1,870	1,700	2,200	2,000
CS	Hedge/Member	Mnth65+	Increase	USD	1,700	1,700	2,000	2,000

## SPAN MINIMUM PERFORMANCE BOND REQUIREMENTS

CC	Rate Type	Description	Change	ISO	Current Initial	Current Maintenance	New Initial	New Maintenance
<b>Outright Rates</b>								
<b>ELECTRICITY - Outright Rates</b>								
<b>MISO INDIANA HUB 5MW D AH O PK (K2)</b>								
K2	Spec	Mnths 3-11	Increase	USD	11	10	17	15
K2	Hedge/Member	Mnths 3-11	Increase	USD	10	10	15	15
<b>MISO INDIANA HUB 5MW REAL TIME OFPK (H4)</b>								
H4	Spec	Mnths 3-11	Increase	USD	11	10	17	15
H4	Hedge/Member	Mnths 3-11	Increase	USD	10	10	15	15
<b>MISO INDIANA HUB OFF-PEAK MO FUT (EJ)</b>								
EJ	Spec	Mnths 3-11	Increase	USD	1,650	1,500	2,200	2,000
EJ	Hedge/Member	Mnths 3-11	Increase	USD	1,500	1,500	2,000	2,000
<b>NYISO J (KJ)</b>								
KJ	Spec	Mnths 3-6	Increase	USD	2,365	2,150	2,640	2,400
KJ	Hedge/Member	Mnths 3-6	Increase	USD	2,150	2,150	2,400	2,400
<b>NYISO ZONE J 5MW D AH PK (D3)</b>								
D3	Spec	Mnths 3-6	Increase	USD	473	430	528	480
D3	Hedge/Member	Mnths 3-6	Increase	USD	430	430	480	480
<b>PJM BGE DA PEAK (E3)</b>								
E3	Spec	Mnths 3-11	Increase	USD	385	350	550	500
E3	Hedge/Member	Mnths 3-11	Increase	USD	350	350	500	500
<b>PJM MONTHLY (JM)</b>								
JM	Spec	Mnths 4-5	Increase	USD	2,750	2,500	3,300	3,000
JM	Hedge/Member	Mnths 4-5	Increase	USD	2,500	2,500	3,000	3,000
JM	Spec	Mnth 3	Increase	USD	2,750	2,500	3,850	3,500
JM	Hedge/Member	Mnth 3	Increase	USD	2,500	2,500	3,500	3,500
<b>PJM PSEG DA PEAK (L6)</b>								
L6	Spec	Mnths 3-11	Increase	USD	440	400	550	500
L6	Hedge/Member	Mnths 3-11	Increase	USD	400	400	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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### Outright Rates

#### NATURAL GAS - Outright Rates

##### ALGONQUIN CITYGATES BASIS (B4)

B4	Spec	Mnth 2	Increase	USD	4,400	4,000	4,620	4,200
B4	Hedge/Member	Mnth 2	Increase	USD	4,000	4,000	4,200	4,200
B4	Spec	Winter 2014/2015	Increase	USD	3,850	3,500	4,620	4,200
B4	Hedge/Member	Winter 2014/2015	Increase	USD	3,500	3,500	4,200	4,200
B4	Spec	Summer 2015	Increase	USD	1,210	1,100	1,452	1,320
B4	Hedge/Member	Summer 2015	Increase	USD	1,100	1,100	1,320	1,320

##### HOUSTON SHIP CHANNEL BASIS FUT (NH)

NH	Spec	Mnths 7-12	Increase	USD	77	70	94	85
NH	Hedge/Member	Mnths 7-12	Increase	USD	70	70	85	85
NH	Spec	Mnths 13+	Increase	USD	94	85	110	100
NH	Hedge/Member	Mnths 13+	Increase	USD	85	85	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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### Outright Rates

#### REFINED PRODUCTS - Outright Rates

#### E-MINI GASOLINE FUTURES (QU)

QU	Spec	Mnth 1	Increase	USD	2,035	1,850	2,255	2,050
QU	Hedge/Member	Mnth 1	Increase	USD	1,850	1,850	2,050	2,050
QU	Spec	Mnth 2	Increase	USD	1,980	1,800	2,090	1,900
QU	Hedge/Member	Mnth 2	Increase	USD	1,800	1,800	1,900	1,900
QU	Spec	Winter 2014/2015	Increase	USD	1,815	1,650	1,980	1,800
QU	Hedge/Member	Winter 2014/2015	Increase	USD	1,650	1,650	1,800	1,800
QU	Spec	Summer 2015	Increase	USD	1,595	1,450	1,815	1,650
QU	Hedge/Member	Summer 2015	Increase	USD	1,450	1,450	1,650	1,650
QU	Spec	Winter 2015/2016+	Increase	USD	1,485	1,350	1,595	1,450
QU	Hedge/Member	Winter 2015/2016+	Increase	USD	1,350	1,350	1,450	1,450

## SPAN MINIMUM PERFORMANCE BOND REQUIREMENTS

CC	Rate Type	Description	Change	ISO	Current Initial	Current Maintenance	New Initial	New Maintenance
<b>Outright Rates</b>								
<b>E-MINI NY HRBR ULSD FUT (QH)</b>								
QH	Spec	Mnth1	Increase	USD	1,911	1,738	2,104	1,913
QH	Hedge/Member	Mnth1	Increase	USD	1,738	1,738	1,913	1,913
QH	Spec	Mnth2	Increase	USD	1,884	1,713	2,076	1,888
QH	Hedge/Member	Mnth2	Increase	USD	1,713	1,713	1,888	1,888
QH	Spec	Mnth3	Increase	USD	1,856	1,688	2,049	1,863
QH	Hedge/Member	Mnth3	Increase	USD	1,688	1,688	1,863	1,863
QH	Spec	Mnth4	Increase	USD	1,829	1,663	2,021	1,838
QH	Hedge/Member	Mnth4	Increase	USD	1,663	1,663	1,838	1,838
QH	Spec	Mnth5	Increase	USD	1,801	1,638	1,994	1,813
QH	Hedge/Member	Mnth5	Increase	USD	1,638	1,638	1,813	1,813
QH	Spec	Mnth6	Increase	USD	1,760	1,600	1,953	1,775
QH	Hedge/Member	Mnth6	Increase	USD	1,600	1,600	1,775	1,775
QH	Spec	Mnth7	Increase	USD	1,719	1,563	1,911	1,738
QH	Hedge/Member	Mnth7	Increase	USD	1,563	1,563	1,738	1,738
QH	Spec	Mnth8	Increase	USD	1,678	1,525	1,870	1,700
QH	Hedge/Member	Mnth8	Increase	USD	1,525	1,525	1,700	1,700
QH	Spec	Mnth9	Increase	USD	1,623	1,475	1,815	1,650
QH	Hedge/Member	Mnth9	Increase	USD	1,475	1,475	1,650	1,650
QH	Spec	Mnth10	Increase	USD	1,568	1,425	1,760	1,600
QH	Hedge/Member	Mnth10	Increase	USD	1,425	1,425	1,600	1,600
QH	Spec	Mnth11	Increase	USD	1,526	1,388	1,719	1,563
QH	Hedge/Member	Mnth11	Increase	USD	1,388	1,388	1,563	1,563
QH	Spec	Mnth12	Increase	USD	1,499	1,363	1,691	1,538
QH	Hedge/Member	Mnth12	Increase	USD	1,363	1,363	1,538	1,538
QH	Spec	Mnth13	Increase	USD	1,458	1,325	1,650	1,500
QH	Hedge/Member	Mnth13	Increase	USD	1,325	1,325	1,500	1,500
QH	Spec	Mnth14	Increase	USD	1,430	1,300	1,623	1,475
QH	Hedge/Member	Mnth14	Increase	USD	1,300	1,300	1,475	1,475
QH	Spec	Mnth15	Increase	USD	1,416	1,288	1,609	1,463
QH	Hedge/Member	Mnth15	Increase	USD	1,288	1,288	1,463	1,463
QH	Spec	Mnth16	Increase	USD	1,403	1,275	1,595	1,450
QH	Hedge/Member	Mnth16	Increase	USD	1,275	1,275	1,450	1,450
QH	Spec	Mnth17	Increase	USD	1,389	1,263	1,581	1,438
QH	Hedge/Member	Mnth17	Increase	USD	1,263	1,263	1,438	1,438
QH	Spec	Mnth18	Increase	USD	1,375	1,250	1,568	1,425
QH	Hedge/Member	Mnth18	Increase	USD	1,250	1,250	1,425	1,425
QH	Spec	Mnth19	Increase	USD	1,361	1,238	1,554	1,413
QH	Hedge/Member	Mnth19	Increase	USD	1,238	1,238	1,413	1,413
QH	Spec	Mnth20	Increase	USD	1,348	1,225	1,540	1,400

## SPAN MINIMUM PERFORMANCE BOND REQUIREMENTS

CC	Rate Type	Description	Change	ISO	Current Initial	Current Maintenance	New Initial	New Maintenance
<b>Outright Rates</b>								
QH	Hedge/Member	Mnth20	Increase	USD	1,225	1,225	1,400	1,400
QH	Spec	Mnth21	Increase	USD	1,348	1,225	1,540	1,400
QH	Hedge/Member	Mnth21	Increase	USD	1,225	1,225	1,400	1,400
QH	Spec	Mnth22	Increase	USD	1,348	1,225	1,540	1,400
QH	Hedge/Member	Mnth22	Increase	USD	1,225	1,225	1,400	1,400
QH	Spec	Mnth23	Increase	USD	1,348	1,225	1,540	1,400
QH	Hedge/Member	Mnth23	Increase	USD	1,225	1,225	1,400	1,400
QH	Spec	Mnth24	Increase	USD	1,348	1,225	1,540	1,400
QH	Hedge/Member	Mnth24	Increase	USD	1,225	1,225	1,400	1,400
QH	Spec	Mnth25	Increase	USD	1,348	1,225	1,540	1,400
QH	Hedge/Member	Mnth25	Increase	USD	1,225	1,225	1,400	1,400
QH	Spec	Mnth26	Increase	USD	1,348	1,225	1,540	1,400
QH	Hedge/Member	Mnth26	Increase	USD	1,225	1,225	1,400	1,400
QH	Spec	Mnth27	Increase	USD	1,348	1,225	1,540	1,400
QH	Hedge/Member	Mnth27	Increase	USD	1,225	1,225	1,400	1,400
QH	Spec	Mnth28	Increase	USD	1,348	1,225	1,540	1,400
QH	Hedge/Member	Mnth28	Increase	USD	1,225	1,225	1,400	1,400
QH	Spec	Mnth29	Increase	USD	1,348	1,225	1,540	1,400
QH	Hedge/Member	Mnth29	Increase	USD	1,225	1,225	1,400	1,400
QH	Spec	Mnth30	Increase	USD	1,339	1,218	1,532	1,393
QH	Hedge/Member	Mnth30	Increase	USD	1,218	1,218	1,393	1,393
QH	Spec	Mnth31	Increase	USD	1,337	1,215	1,529	1,390
QH	Hedge/Member	Mnth31	Increase	USD	1,215	1,215	1,390	1,390
QH	Spec	Mnth32	Increase	USD	1,331	1,210	1,524	1,385
QH	Hedge/Member	Mnth32	Increase	USD	1,210	1,210	1,385	1,385
QH	Spec	Mnth33	Increase	USD	1,326	1,205	1,518	1,380
QH	Hedge/Member	Mnth33	Increase	USD	1,205	1,205	1,380	1,380
QH	Spec	Mnth34	Increase	USD	1,320	1,200	1,513	1,375
QH	Hedge/Member	Mnth34	Increase	USD	1,200	1,200	1,375	1,375
QH	Spec	Mnth35	Increase	USD	1,315	1,195	1,507	1,370
QH	Hedge/Member	Mnth35	Increase	USD	1,195	1,195	1,370	1,370
QH	Spec	Mnth36	Increase	USD	1,309	1,190	1,502	1,365
QH	Hedge/Member	Mnth36	Increase	USD	1,190	1,190	1,365	1,365
QH	Spec	Mnth37+	Increase	USD	1,298	1,180	1,491	1,355
QH	Hedge/Member	Mnth37+	Increase	USD	1,180	1,180	1,355	1,355

## SPAN MINIMUM PERFORMANCE BOND REQUIREMENTS

CC	Rate Type	Description	Change	ISO	Current Initial	Current Maintenance	New Initial	New Maintenance
<b>Outright Rates</b>								
<b>EUROPE 1% FUEL OIL NWE CALFUT (UF)</b>								
UF	Spec	Mnth 1	Increase	USD	22,000	20,000	24,200	22,000
UF	Hedge/Member	Mnth 1	Increase	USD	20,000	20,000	22,000	22,000
UF	Spec	Mnths 2-6	Increase	USD	20,900	19,000	23,100	21,000
UF	Hedge/Member	Mnths 2-6	Increase	USD	19,000	19,000	21,000	21,000
UF	Spec	Mnths 7+	Increase	USD	18,700	17,000	20,900	19,000
UF	Hedge/Member	Mnths 7+	Increase	USD	17,000	17,000	19,000	19,000
<b>EUROPE 1% FUEL OIL RDAM CALFUT (UH)</b>								
UH	Spec	Mnth 1	Increase	USD	20,350	18,500	22,000	20,000
UH	Hedge/Member	Mnth 1	Increase	USD	18,500	18,500	20,000	20,000
UH	Spec	Mnth 2	Increase	USD	19,800	18,000	21,450	19,500
UH	Hedge/Member	Mnth 2	Increase	USD	18,000	18,000	19,500	19,500
<b>EUROPE 3.5% FUEL OIL MED CALFUT (UI)</b>								
UI	Spec		Increase	USD	22,000	20,000	25,300	23,000
UI	Hedge/Member		Increase	USD	20,000	20,000	23,000	23,000
<b>EUROPE 3.5% FUEL OIL RDAM CALFUT (UV)</b>								
UV	Spec	Mths 1	Increase	USD	23,100	21,000	25,300	23,000
UV	Hedge/Member	Mths 1	Increase	USD	21,000	21,000	23,000	23,000
UV	Spec	Mnths 2-6	Increase	USD	18,700	17,000	22,000	20,000
UV	Hedge/Member	Mnths 2-6	Increase	USD	17,000	17,000	20,000	20,000
UV	Spec	Mnths 7-10	Increase	USD	16,500	15,000	19,800	18,000
UV	Hedge/Member	Mnths 7-10	Increase	USD	15,000	15,000	18,000	18,000
UV	Spec	Mnths 11+	Increase	USD	15,400	14,000	18,700	17,000
UV	Hedge/Member	Mnths 11+	Increase	USD	14,000	14,000	17,000	17,000
<b>EUROPE NAPHTHA CALFUT (UN)</b>								
UN	Spec	Mths 2-6	Increase	USD	30,800	28,000	33,000	30,000
UN	Hedge/Member	Mths 2-6	Increase	USD	28,000	28,000	30,000	30,000
UN	Spec	Mnths 7+	Increase	USD	29,700	27,000	31,900	29,000
UN	Hedge/Member	Mnths 7+	Increase	USD	27,000	27,000	29,000	29,000
<b>EUROPEAN GASOIL ICE FUTURE (7F)</b>								
7F	Spec	Mnth 1	Increase	USD	2,310	2,100	2,640	2,400
7F	Hedge/Member	Mnth 1	Increase	USD	2,100	2,100	2,400	2,400
7F	Spec	Mnths 2-6	Increase	USD	2,090	1,900	2,420	2,200
7F	Hedge/Member	Mnths 2-6	Increase	USD	1,900	1,900	2,200	2,200
7F	Spec	Mnths 7-11	Increase	USD	1,980	1,800	2,310	2,100
7F	Hedge/Member	Mnths 7-11	Increase	USD	1,800	1,800	2,100	2,100
7F	Spec	Mnths 12+	Increase	USD	1,705	1,550	2,035	1,850
7F	Hedge/Member	Mnths 12+	Increase	USD	1,550	1,550	1,850	1,850

## SPAN MINIMUM PERFORMANCE BOND REQUIREMENTS

CC	Rate Type	Description	Change	ISO	Current Initial	Current Maintenance	New Initial	New Maintenance
<b>Outright Rates</b>								
<b>EUROPEAN GASOIL ICE TAS FUTURE (7FT)</b>								
7FT	Spec	Mnth 1	Increase	USD	2,310	2,100	2,640	2,400
7FT	Hedge/Member	Mnth 1	Increase	USD	2,100	2,100	2,400	2,400
7FT	Spec	Mnths 2-6	Increase	USD	2,090	1,900	2,420	2,200
7FT	Hedge/Member	Mnths 2-6	Increase	USD	1,900	1,900	2,200	2,200
7FT	Spec	Mnths 7-11	Increase	USD	1,980	1,800	2,310	2,100
7FT	Hedge/Member	Mnths 7-11	Increase	USD	1,800	1,800	2,100	2,100
7FT	Spec	Mnths 12+	Increase	USD	1,705	1,550	2,035	1,850
7FT	Hedge/Member	Mnths 12+	Increase	USD	1,550	1,550	1,850	1,850
<b>GASOIL BULLET FUT (BG)</b>								
BG	Spec	Mnth 1	Increase	USD	23,100	21,000	26,400	24,000
BG	Hedge/Member	Mnth 1	Increase	USD	21,000	21,000	24,000	24,000
BG	Spec	Mnths 2-6	Increase	USD	20,900	19,000	24,200	22,000
BG	Hedge/Member	Mnths 2-6	Increase	USD	19,000	19,000	22,000	22,000
BG	Spec	Mnths 7-11	Increase	USD	19,800	18,000	23,100	21,000
BG	Hedge/Member	Mnths 7-11	Increase	USD	18,000	18,000	21,000	21,000
BG	Spec	Mnths 12+	Increase	USD	17,050	15,500	20,350	18,500
BG	Hedge/Member	Mnths 12+	Increase	USD	15,500	15,500	18,500	18,500
<b>GASOIL CALENDAR FUT (GX)</b>								
GX	Spec	Mth 1	Increase	USD	23,100	21,000	26,400	24,000
GX	Hedge/Member	Mth 1	Increase	USD	21,000	21,000	24,000	24,000
GX	Spec	Mnths 2-6	Increase	USD	20,900	19,000	24,200	22,000
GX	Hedge/Member	Mnths 2-6	Increase	USD	19,000	19,000	22,000	22,000
GX	Spec	Mnths 7-11	Increase	USD	19,800	18,000	23,100	21,000
GX	Hedge/Member	Mnths 7-11	Increase	USD	18,000	18,000	21,000	21,000
GX	Spec	Mnths 12+	Increase	USD	17,050	15,500	20,350	18,500
GX	Hedge/Member	Mnths 12+	Increase	USD	15,500	15,500	18,500	18,500
<b>GASOIL MINI CALENDAR FUT (QA)</b>								
QA	Spec	Mth 1	Increase	USD	2,310	2,100	2,640	2,400
QA	Hedge/Member	Mth 1	Increase	USD	2,100	2,100	2,400	2,400
QA	Spec	Mnths 2-6	Increase	USD	2,090	1,900	2,420	2,200
QA	Hedge/Member	Mnths 2-6	Increase	USD	1,900	1,900	2,200	2,200
QA	Spec	Mnths 7-11	Increase	USD	1,980	1,800	2,310	2,100
QA	Hedge/Member	Mnths 7-11	Increase	USD	1,800	1,800	2,100	2,100
QA	Spec	Mnths 12+	Increase	USD	1,705	1,550	2,035	1,850
QA	Hedge/Member	Mnths 12+	Increase	USD	1,550	1,550	1,850	1,850



## SPAN MINIMUM PERFORMANCE BOND REQUIREMENTS

CC	Rate Type	Description	Change	ISO	Current Initial	Current Maintenance	New Initial	New Maintenance
<b>Outright Rates</b>								
<b>GULF COAST GASOLINE CLNDR FUT (GS)</b>								
GS	Spec	Mths 1	Increase	USD	4,290	3,900	4,730	4,300
GS	Hedge/Member	Mths 1	Increase	USD	3,900	3,900	4,300	4,300
GS	Spec	Mths 2	Increase	USD	4,290	3,900	4,730	4,300
GS	Hedge/Member	Mths 2	Increase	USD	3,900	3,900	4,300	4,300
GS	Spec	Mths 3-8	Increase	USD	4,070	3,700	4,510	4,100
GS	Hedge/Member	Mths 3-8	Increase	USD	3,700	3,700	4,100	4,100
GS	Spec	Mnths 9+	Increase	USD	3,520	3,200	3,960	3,600
GS	Hedge/Member	Mnths 9+	Increase	USD	3,200	3,200	3,600	3,600
<b>GULF COAST NO.6 FUEL OIL 3.0%S FUT (MF)</b>								
MF	Spec	Mnth 1	Increase	USD	2,420	2,200	2,860	2,600
MF	Hedge/Member	Mnth 1	Increase	USD	2,200	2,200	2,600	2,600
MF	Spec	Mnths 2-6	Increase	USD	2,310	2,100	2,750	2,500
MF	Hedge/Member	Mnths 2-6	Increase	USD	2,100	2,100	2,500	2,500
<b>GULF COAST ULSD CALENDAR FUT (LY)</b>								
LY	Spec	Mnth 1	Increase	USD	4,180	3,800	4,400	4,000
LY	Hedge/Member	Mnth 1	Increase	USD	3,800	3,800	4,000	4,000
LY	Spec	Mnths 2-6	Increase	USD	4,070	3,700	4,290	3,900
LY	Hedge/Member	Mnths 2-6	Increase	USD	3,700	3,700	3,900	3,900
LY	Spec	Mnths 7-12	Increase	USD	3,520	3,200	3,740	3,400
LY	Hedge/Member	Mnths 7-12	Increase	USD	3,200	3,200	3,400	3,400
LY	Spec	Mnths 13+	Increase	USD	3,080	2,800	3,300	3,000
LY	Hedge/Member	Mnths 13+	Increase	USD	2,800	2,800	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>MIN EUR 1% FUEL OIL CRGO FOBNWE FUT (0B)</b>								
0B	Spec	Mnth 1	Increase	USD	2,200	2,000	2,420	2,200
0B	Hedge/Member	Mnth 1	Increase	USD	2,000	2,000	2,200	2,200
0B	Spec	Mnths 2-6	Increase	USD	2,090	1,900	2,310	2,100
0B	Hedge/Member	Mnths 2-6	Increase	USD	1,900	1,900	2,100	2,100
0B	Spec	Mnths 7+	Increase	USD	1,870	1,700	2,090	1,900
0B	Hedge/Member	Mnths 7+	Increase	USD	1,700	1,700	1,900	1,900
<b>MIN EURO NPHTHA CIF NWE FUT (MNC)</b>								
MNC	Spec	Mths 2-6	Increase	USD	3,080	2,800	3,300	3,000
MNC	Hedge/Member	Mths 2-6	Increase	USD	2,800	2,800	3,000	3,000
MNC	Spec	Mnths 7+	Increase	USD	2,970	2,700	3,190	2,900
MNC	Hedge/Member	Mnths 7+	Increase	USD	2,700	2,700	2,900	2,900
<b>MINI 3.5% FUEL OIL CAR MED FUT (MMF)</b>								
MMF	Spec		Increase	USD	2,200	2,000	2,530	2,300
MMF	Hedge/Member		Increase	USD	2,000	2,000	2,300	2,300
<b>MINI EURO 1% FUEL OIL FOBRDM FUT (T0)</b>								
T0	Spec	Mnth 1	Increase	USD	2,035	1,850	2,200	2,000
T0	Hedge/Member	Mnth 1	Increase	USD	1,850	1,850	2,000	2,000
T0	Spec	Mnth 2	Increase	USD	1,980	1,800	2,145	1,950
T0	Hedge/Member	Mnth 2	Increase	USD	1,800	1,800	1,950	1,950
<b>MINI EURO 3.5% FUEL OIL FOB RDM FUT (0D)</b>								
0D	Spec	Mths 1	Increase	USD	2,310	2,100	2,530	2,300
0D	Hedge/Member	Mths 1	Increase	USD	2,100	2,100	2,300	2,300
0D	Spec	Mnths 2-6	Increase	USD	1,870	1,700	2,200	2,000
0D	Hedge/Member	Mnths 2-6	Increase	USD	1,700	1,700	2,000	2,000
0D	Spec	Mnths 7-10	Increase	USD	1,650	1,500	1,980	1,800
0D	Hedge/Member	Mnths 7-10	Increase	USD	1,500	1,500	1,800	1,800
0D	Spec	Mnths 11+	Increase	USD	1,540	1,400	1,870	1,700
0D	Hedge/Member	Mnths 11+	Increase	USD	1,400	1,400	1,700	1,700
<b>MINI SINGAPORE 380CST FUEL OIL FUT (MTS)</b>								
MTS	Spec	Mnth 1	Increase	USD	1,980	1,800	2,420	2,200
MTS	Hedge/Member	Mnth 1	Increase	USD	1,800	1,800	2,200	2,200
MTS	Spec	Mnths 2-6	Increase	USD	1,925	1,750	2,310	2,100
MTS	Hedge/Member	Mnths 2-6	Increase	USD	1,750	1,750	2,100	2,100
MTS	Spec	Mnths 7+	Increase	USD	1,760	1,600	2,200	2,000
MTS	Hedge/Member	Mnths 7+	Increase	USD	1,600	1,600	2,000	2,000

## SPAN MINIMUM PERFORMANCE BOND REQUIREMENTS

CC	Rate Type	Description	Change	ISO	Current Initial	Current Maintenance	New Initial	New Maintenance
<b>Outright Rates</b>								
<b>MINI SINGAPORE GASOIL PLATS FUTURES (MSG)</b>								
MSG	Spec	Mnth 1	Increase	USD	297	270	330	300
MSG	Hedge/Member	Mnth 1	Increase	USD	270	270	300	300
MSG	Spec	Mnths 2-6	Increase	USD	297	270	330	300
MSG	Hedge/Member	Mnths 2-6	Increase	USD	270	270	300	300
MSG	Spec	Mnths 7+	Increase	USD	253	230	286	260
MSG	Hedge/Member	Mnths 7+	Increase	USD	230	230	260	260
<b>MINI SINGP FUEL OIL 180CST FUTURES (OF)</b>								
OF	Spec	Mnth 1	Increase	USD	1,980	1,800	2,420	2,200
OF	Hedge/Member	Mnth 1	Increase	USD	1,800	1,800	2,200	2,200
OF	Spec	Mnth 2	Increase	USD	1,705	1,550	2,090	1,900
OF	Hedge/Member	Mnth 2	Increase	USD	1,550	1,550	1,900	1,900
OF	Spec	Mnths 3-7	Increase	USD	1,650	1,500	2,035	1,850
OF	Hedge/Member	Mnths 3-7	Increase	USD	1,500	1,500	1,850	1,850
OF	Spec	Mnths 8+	Increase	USD	1,430	1,300	1,760	1,600
OF	Hedge/Member	Mnths 8+	Increase	USD	1,300	1,300	1,600	1,600
<b>NY 2.2% FUEL OIL (PLATTS) FUT (Y3)</b>								
Y3	Spec		Increase	USD	3,300	3,000	3,740	3,400
Y3	Hedge/Member		Increase	USD	3,000	3,000	3,400	3,400
<b>NY 3.0% FUEL OIL (PLATTS) FUT (H1)</b>								
H1	Spec		Increase	USD	2,970	2,700	3,630	3,300
H1	Hedge/Member		Increase	USD	2,700	2,700	3,300	3,300
<b>NY HARBOR RESIDUAL FUEL 1.0% S FUT (MM)</b>								
MM	Spec	Mnth 1	Increase	USD	2,530	2,300	3,190	2,900
MM	Hedge/Member	Mnth 1	Increase	USD	2,300	2,300	2,900	2,900
MM	Spec	Mnths 2-6	Increase	USD	2,420	2,200	3,080	2,800
MM	Hedge/Member	Mnths 2-6	Increase	USD	2,200	2,200	2,800	2,800
MM	Spec	Mnths 7+	Increase	USD	2,200	2,000	2,860	2,600
MM	Hedge/Member	Mnths 7+	Increase	USD	2,000	2,000	2,600	2,600

## SPAN MINIMUM PERFORMANCE BOND REQUIREMENTS

CC	Rate Type	Description	Change	ISO	Current Initial	Current Maintenance	New Initial	New Maintenance
<b>Outright Rates</b>								
<b>NY HARBOR ULSD FUT (HO)</b>								
HO	Spec	Mnth1	Increase	USD	3,823	3,475	4,208	3,825
HO	Hedge/Member	Mnth1	Increase	USD	3,475	3,475	3,825	3,825
HO	Spec	Mnth2	Increase	USD	3,768	3,425	4,153	3,775
HO	Hedge/Member	Mnth2	Increase	USD	3,425	3,425	3,775	3,775
HO	Spec	Mnth3	Increase	USD	3,713	3,375	4,098	3,725
HO	Hedge/Member	Mnth3	Increase	USD	3,375	3,375	3,725	3,725
HO	Spec	Mnth4	Increase	USD	3,658	3,325	4,043	3,675
HO	Hedge/Member	Mnth4	Increase	USD	3,325	3,325	3,675	3,675
HO	Spec	Mnth5	Increase	USD	3,603	3,275	3,988	3,625
HO	Hedge/Member	Mnth5	Increase	USD	3,275	3,275	3,625	3,625
HO	Spec	Mnth6	Increase	USD	3,520	3,200	3,905	3,550
HO	Hedge/Member	Mnth6	Increase	USD	3,200	3,200	3,550	3,550
HO	Spec	Mnth7	Increase	USD	3,438	3,125	3,823	3,475
HO	Hedge/Member	Mnth7	Increase	USD	3,125	3,125	3,475	3,475
HO	Spec	Mnth8	Increase	USD	3,355	3,050	3,740	3,400
HO	Hedge/Member	Mnth8	Increase	USD	3,050	3,050	3,400	3,400
HO	Spec	Mnth9	Increase	USD	3,245	2,950	3,630	3,300
HO	Hedge/Member	Mnth9	Increase	USD	2,950	2,950	3,300	3,300
HO	Spec	Mnth10	Increase	USD	3,135	2,850	3,520	3,200
HO	Hedge/Member	Mnth10	Increase	USD	2,850	2,850	3,200	3,200
HO	Spec	Mnth11	Increase	USD	3,053	2,775	3,438	3,125
HO	Hedge/Member	Mnth11	Increase	USD	2,775	2,775	3,125	3,125
HO	Spec	Mnth12	Increase	USD	2,998	2,725	3,383	3,075
HO	Hedge/Member	Mnth12	Increase	USD	2,725	2,725	3,075	3,075
HO	Spec	Mnth13	Increase	USD	2,915	2,650	3,300	3,000
HO	Hedge/Member	Mnth13	Increase	USD	2,650	2,650	3,000	3,000
HO	Spec	Mnth14	Increase	USD	2,860	2,600	3,245	2,950
HO	Hedge/Member	Mnth14	Increase	USD	2,600	2,600	2,950	2,950
HO	Spec	Mnth15	Increase	USD	2,833	2,575	3,218	2,925
HO	Hedge/Member	Mnth15	Increase	USD	2,575	2,575	2,925	2,925
HO	Spec	Mnth16	Increase	USD	2,805	2,550	3,190	2,900
HO	Hedge/Member	Mnth16	Increase	USD	2,550	2,550	2,900	2,900
HO	Spec	Mnth17	Increase	USD	2,778	2,525	3,163	2,875
HO	Hedge/Member	Mnth17	Increase	USD	2,525	2,525	2,875	2,875
HO	Spec	Mnth18	Increase	USD	2,750	2,500	3,135	2,850
HO	Hedge/Member	Mnth18	Increase	USD	2,500	2,500	2,850	2,850
HO	Spec	Mnth19	Increase	USD	2,723	2,475	3,108	2,825
HO	Hedge/Member	Mnth19	Increase	USD	2,475	2,475	2,825	2,825
HO	Spec	Mnth20	Increase	USD	2,695	2,450	3,080	2,800

## SPAN MINIMUM PERFORMANCE BOND REQUIREMENTS

CC	Rate Type	Description	Change	ISO	Current Initial	Current Maintenance	New Initial	New Maintenance
<b>Outright Rates</b>								
HO	Hedge/Member	Mnth20	Increase	USD	2,450	2,450	2,800	2,800
HO	Spec	Mnth21	Increase	USD	2,695	2,450	3,080	2,800
HO	Hedge/Member	Mnth21	Increase	USD	2,450	2,450	2,800	2,800
HO	Spec	Mnth22	Increase	USD	2,695	2,450	3,080	2,800
HO	Hedge/Member	Mnth22	Increase	USD	2,450	2,450	2,800	2,800
HO	Spec	Mnth23	Increase	USD	2,695	2,450	3,080	2,800
HO	Hedge/Member	Mnth23	Increase	USD	2,450	2,450	2,800	2,800
HO	Spec	Mnth24	Increase	USD	2,695	2,450	3,080	2,800
HO	Hedge/Member	Mnth24	Increase	USD	2,450	2,450	2,800	2,800
HO	Spec	Mnth25	Increase	USD	2,695	2,450	3,080	2,800
HO	Hedge/Member	Mnth25	Increase	USD	2,450	2,450	2,800	2,800
HO	Spec	Mnth26	Increase	USD	2,695	2,450	3,080	2,800
HO	Hedge/Member	Mnth26	Increase	USD	2,450	2,450	2,800	2,800
HO	Spec	Mnth27	Increase	USD	2,695	2,450	3,080	2,800
HO	Hedge/Member	Mnth27	Increase	USD	2,450	2,450	2,800	2,800
HO	Spec	Mnth28	Increase	USD	2,695	2,450	3,080	2,800
HO	Hedge/Member	Mnth28	Increase	USD	2,450	2,450	2,800	2,800
HO	Spec	Mnth29	Increase	USD	2,695	2,450	3,080	2,800
HO	Hedge/Member	Mnth29	Increase	USD	2,450	2,450	2,800	2,800
HO	Spec	Mnth30	Increase	USD	2,679	2,435	3,064	2,785
HO	Hedge/Member	Mnth30	Increase	USD	2,435	2,435	2,785	2,785
HO	Spec	Mnth31	Increase	USD	2,673	2,430	3,058	2,780
HO	Hedge/Member	Mnth31	Increase	USD	2,430	2,430	2,780	2,780
HO	Spec	Mnth32	Increase	USD	2,662	2,420	3,047	2,770
HO	Hedge/Member	Mnth32	Increase	USD	2,420	2,420	2,770	2,770
HO	Spec	Mnth33	Increase	USD	2,651	2,410	3,036	2,760
HO	Hedge/Member	Mnth33	Increase	USD	2,410	2,410	2,760	2,760
HO	Spec	Mnth34	Increase	USD	2,640	2,400	3,025	2,750
HO	Hedge/Member	Mnth34	Increase	USD	2,400	2,400	2,750	2,750
HO	Spec	Mnth35	Increase	USD	2,629	2,390	3,014	2,740
HO	Hedge/Member	Mnth35	Increase	USD	2,390	2,390	2,740	2,740
HO	Spec	Mnth36	Increase	USD	2,618	2,380	3,003	2,730
HO	Hedge/Member	Mnth36	Increase	USD	2,380	2,380	2,730	2,730
HO	Spec	Mnth37+	Increase	USD	2,596	2,360	2,981	2,710
HO	Hedge/Member	Mnth37+	Increase	USD	2,360	2,360	2,710	2,710

## SPAN MINIMUM PERFORMANCE BOND REQUIREMENTS

CC	Rate Type	Description	Change	ISO	Current Initial	Current Maintenance	New Initial	New Maintenance
<b>Outright Rates</b>								
<b>NY HRBR ULSD BULL FUT (BH)</b>								
BH	Spec	Mnth1	Increase	USD	3,823	3,475	4,208	3,825
BH	Hedge/Member	Mnth1	Increase	USD	3,475	3,475	3,825	3,825
BH	Spec	Mnth2	Increase	USD	3,768	3,425	4,153	3,775
BH	Hedge/Member	Mnth2	Increase	USD	3,425	3,425	3,775	3,775
BH	Spec	Mnth3	Increase	USD	3,713	3,375	4,098	3,725
BH	Hedge/Member	Mnth3	Increase	USD	3,375	3,375	3,725	3,725
BH	Spec	Mnth4	Increase	USD	3,658	3,325	4,043	3,675
BH	Hedge/Member	Mnth4	Increase	USD	3,325	3,325	3,675	3,675
BH	Spec	Mnth5	Increase	USD	3,603	3,275	3,988	3,625
BH	Hedge/Member	Mnth5	Increase	USD	3,275	3,275	3,625	3,625
BH	Spec	Mnth6	Increase	USD	3,520	3,200	3,905	3,550
BH	Hedge/Member	Mnth6	Increase	USD	3,200	3,200	3,550	3,550
BH	Spec	Mnth7	Increase	USD	3,438	3,125	3,823	3,475
BH	Hedge/Member	Mnth7	Increase	USD	3,125	3,125	3,475	3,475
BH	Spec	Mnth8	Increase	USD	3,355	3,050	3,740	3,400
BH	Hedge/Member	Mnth8	Increase	USD	3,050	3,050	3,400	3,400
BH	Spec	Mnth9	Increase	USD	3,245	2,950	3,630	3,300
BH	Hedge/Member	Mnth9	Increase	USD	2,950	2,950	3,300	3,300
BH	Spec	Mnth10	Increase	USD	3,135	2,850	3,520	3,200
BH	Hedge/Member	Mnth10	Increase	USD	2,850	2,850	3,200	3,200
BH	Spec	Mnth11	Increase	USD	3,053	2,775	3,438	3,125
BH	Hedge/Member	Mnth11	Increase	USD	2,775	2,775	3,125	3,125
BH	Spec	Mnth12	Increase	USD	2,998	2,725	3,383	3,075
BH	Hedge/Member	Mnth12	Increase	USD	2,725	2,725	3,075	3,075
BH	Spec	Mnth13	Increase	USD	2,915	2,650	3,300	3,000
BH	Hedge/Member	Mnth13	Increase	USD	2,650	2,650	3,000	3,000
BH	Spec	Mnth14	Increase	USD	2,860	2,600	3,245	2,950
BH	Hedge/Member	Mnth14	Increase	USD	2,600	2,600	2,950	2,950
BH	Spec	Mnth15	Increase	USD	2,833	2,575	3,218	2,925
BH	Hedge/Member	Mnth15	Increase	USD	2,575	2,575	2,925	2,925
BH	Spec	Mnth16	Increase	USD	2,805	2,550	3,190	2,900
BH	Hedge/Member	Mnth16	Increase	USD	2,550	2,550	2,900	2,900
BH	Spec	Mnth17	Increase	USD	2,778	2,525	3,163	2,875
BH	Hedge/Member	Mnth17	Increase	USD	2,525	2,525	2,875	2,875
BH	Spec	Mnth18	Increase	USD	2,750	2,500	3,135	2,850
BH	Hedge/Member	Mnth18	Increase	USD	2,500	2,500	2,850	2,850
BH	Spec	Mnth19	Increase	USD	2,723	2,475	3,108	2,825
BH	Hedge/Member	Mnth19	Increase	USD	2,475	2,475	2,825	2,825
BH	Spec	Mnth20	Increase	USD	2,695	2,450	3,080	2,800

## SPAN MINIMUM PERFORMANCE BOND REQUIREMENTS

CC	Rate Type	Description	Change	ISO	Current Initial	Current Maintenance	New Initial	New Maintenance
<b>Outright Rates</b>								
BH	Hedge/Member	Mnth20	Increase	USD	2,450	2,450	2,800	2,800
BH	Spec	Mnth21	Increase	USD	2,695	2,450	3,080	2,800
BH	Hedge/Member	Mnth21	Increase	USD	2,450	2,450	2,800	2,800
BH	Spec	Mnth22	Increase	USD	2,695	2,450	3,080	2,800
BH	Hedge/Member	Mnth22	Increase	USD	2,450	2,450	2,800	2,800
BH	Spec	Mnth23	Increase	USD	2,695	2,450	3,080	2,800
BH	Hedge/Member	Mnth23	Increase	USD	2,450	2,450	2,800	2,800
BH	Spec	Mnth24	Increase	USD	2,695	2,450	3,080	2,800
BH	Hedge/Member	Mnth24	Increase	USD	2,450	2,450	2,800	2,800
BH	Spec	Mnth25	Increase	USD	2,695	2,450	3,080	2,800
BH	Hedge/Member	Mnth25	Increase	USD	2,450	2,450	2,800	2,800
BH	Spec	Mnth26	Increase	USD	2,695	2,450	3,080	2,800
BH	Hedge/Member	Mnth26	Increase	USD	2,450	2,450	2,800	2,800
BH	Spec	Mnth27	Increase	USD	2,695	2,450	3,080	2,800
BH	Hedge/Member	Mnth27	Increase	USD	2,450	2,450	2,800	2,800
BH	Spec	Mnth28	Increase	USD	2,695	2,450	3,080	2,800
BH	Hedge/Member	Mnth28	Increase	USD	2,450	2,450	2,800	2,800
BH	Spec	Mnth29	Increase	USD	2,695	2,450	3,080	2,800
BH	Hedge/Member	Mnth29	Increase	USD	2,450	2,450	2,800	2,800
BH	Spec	Mnth30	Increase	USD	2,679	2,435	3,064	2,785
BH	Hedge/Member	Mnth30	Increase	USD	2,435	2,435	2,785	2,785
BH	Spec	Mnth31	Increase	USD	2,673	2,430	3,058	2,780
BH	Hedge/Member	Mnth31	Increase	USD	2,430	2,430	2,780	2,780
BH	Spec	Mnth32	Increase	USD	2,662	2,420	3,047	2,770
BH	Hedge/Member	Mnth32	Increase	USD	2,420	2,420	2,770	2,770
BH	Spec	Mnth33	Increase	USD	2,651	2,410	3,036	2,760
BH	Hedge/Member	Mnth33	Increase	USD	2,410	2,410	2,760	2,760
BH	Spec	Mnth34	Increase	USD	2,640	2,400	3,025	2,750
BH	Hedge/Member	Mnth34	Increase	USD	2,400	2,400	2,750	2,750
BH	Spec	Mnth35	Increase	USD	2,629	2,390	3,014	2,740
BH	Hedge/Member	Mnth35	Increase	USD	2,390	2,390	2,740	2,740
BH	Spec	Mnth36	Increase	USD	2,618	2,380	3,003	2,730
BH	Hedge/Member	Mnth36	Increase	USD	2,380	2,380	2,730	2,730
BH	Spec	Mnth37+	Increase	USD	2,596	2,360	2,981	2,710
BH	Hedge/Member	Mnth37+	Increase	USD	2,360	2,360	2,710	2,710

## SPAN MINIMUM PERFORMANCE BOND REQUIREMENTS

CC	Rate Type	Description	Change	ISO	Current Initial	Current Maintenance	New Initial	New Maintenance
<b>Outright Rates</b>								
<b>NY HRBR ULSD FIN FUT (MP)</b>								
MP	Spec	Mnth1	Increase	USD	3,823	3,475	4,208	3,825
MP	Hedge/Member	Mnth1	Increase	USD	3,475	3,475	3,825	3,825
MP	Spec	Mnth2	Increase	USD	3,768	3,425	4,153	3,775
MP	Hedge/Member	Mnth2	Increase	USD	3,425	3,425	3,775	3,775
MP	Spec	Mnth3	Increase	USD	3,713	3,375	4,098	3,725
MP	Hedge/Member	Mnth3	Increase	USD	3,375	3,375	3,725	3,725
MP	Spec	Mnth4	Increase	USD	3,658	3,325	4,043	3,675
MP	Hedge/Member	Mnth4	Increase	USD	3,325	3,325	3,675	3,675
MP	Spec	Mnth5	Increase	USD	3,603	3,275	3,988	3,625
MP	Hedge/Member	Mnth5	Increase	USD	3,275	3,275	3,625	3,625
MP	Spec	Mnth6	Increase	USD	3,520	3,200	3,905	3,550
MP	Hedge/Member	Mnth6	Increase	USD	3,200	3,200	3,550	3,550
MP	Spec	Mnth7	Increase	USD	3,438	3,125	3,823	3,475
MP	Hedge/Member	Mnth7	Increase	USD	3,125	3,125	3,475	3,475
MP	Spec	Mnth8	Increase	USD	3,355	3,050	3,740	3,400
MP	Hedge/Member	Mnth8	Increase	USD	3,050	3,050	3,400	3,400
MP	Spec	Mnth9	Increase	USD	3,245	2,950	3,630	3,300
MP	Hedge/Member	Mnth9	Increase	USD	2,950	2,950	3,300	3,300
MP	Spec	Mnth10	Increase	USD	3,135	2,850	3,520	3,200
MP	Hedge/Member	Mnth10	Increase	USD	2,850	2,850	3,200	3,200
MP	Spec	Mnth11	Increase	USD	3,053	2,775	3,438	3,125
MP	Hedge/Member	Mnth11	Increase	USD	2,775	2,775	3,125	3,125
MP	Spec	Mnth12	Increase	USD	2,998	2,725	3,383	3,075
MP	Hedge/Member	Mnth12	Increase	USD	2,725	2,725	3,075	3,075
MP	Spec	Mnth13	Increase	USD	2,915	2,650	3,300	3,000
MP	Hedge/Member	Mnth13	Increase	USD	2,650	2,650	3,000	3,000
MP	Spec	Mnth14	Increase	USD	2,860	2,600	3,245	2,950
MP	Hedge/Member	Mnth14	Increase	USD	2,600	2,600	2,950	2,950
MP	Spec	Mnth15	Increase	USD	2,833	2,575	3,218	2,925
MP	Hedge/Member	Mnth15	Increase	USD	2,575	2,575	2,925	2,925
MP	Spec	Mnth16	Increase	USD	2,805	2,550	3,190	2,900
MP	Hedge/Member	Mnth16	Increase	USD	2,550	2,550	2,900	2,900
MP	Spec	Mnth17	Increase	USD	2,778	2,525	3,163	2,875
MP	Hedge/Member	Mnth17	Increase	USD	2,525	2,525	2,875	2,875
MP	Spec	Mnth18	Increase	USD	2,750	2,500	3,135	2,850
MP	Hedge/Member	Mnth18	Increase	USD	2,500	2,500	2,850	2,850
MP	Spec	Mnth19	Increase	USD	2,723	2,475	3,108	2,825
MP	Hedge/Member	Mnth19	Increase	USD	2,475	2,475	2,825	2,825
MP	Spec	Mnth20	Increase	USD	2,695	2,450	3,080	2,800



## SPAN MINIMUM PERFORMANCE BOND REQUIREMENTS

CC	Rate Type	Description	Change	ISO	Current Initial	Current Maintenance	New Initial	New Maintenance
<b>Outright Rates</b>								
MP	Hedge/Member	Mnth20	Increase	USD	2,450	2,450	2,800	2,800
MP	Spec	Mnth21	Increase	USD	2,695	2,450	3,080	2,800
MP	Hedge/Member	Mnth21	Increase	USD	2,450	2,450	2,800	2,800
MP	Spec	Mnth22	Increase	USD	2,695	2,450	3,080	2,800
MP	Hedge/Member	Mnth22	Increase	USD	2,450	2,450	2,800	2,800
MP	Spec	Mnth23	Increase	USD	2,695	2,450	3,080	2,800
MP	Hedge/Member	Mnth23	Increase	USD	2,450	2,450	2,800	2,800
MP	Spec	Mnth24	Increase	USD	2,695	2,450	3,080	2,800
MP	Hedge/Member	Mnth24	Increase	USD	2,450	2,450	2,800	2,800
MP	Spec	Mnth25	Increase	USD	2,695	2,450	3,080	2,800
MP	Hedge/Member	Mnth25	Increase	USD	2,450	2,450	2,800	2,800
MP	Spec	Mnth26	Increase	USD	2,695	2,450	3,080	2,800
MP	Hedge/Member	Mnth26	Increase	USD	2,450	2,450	2,800	2,800
MP	Spec	Mnth27	Increase	USD	2,695	2,450	3,080	2,800
MP	Hedge/Member	Mnth27	Increase	USD	2,450	2,450	2,800	2,800
MP	Spec	Mnth28	Increase	USD	2,695	2,450	3,080	2,800
MP	Hedge/Member	Mnth28	Increase	USD	2,450	2,450	2,800	2,800
MP	Spec	Mnth29	Increase	USD	2,695	2,450	3,080	2,800
MP	Hedge/Member	Mnth29	Increase	USD	2,450	2,450	2,800	2,800
MP	Spec	Mnth30	Increase	USD	2,679	2,435	3,064	2,785
MP	Hedge/Member	Mnth30	Increase	USD	2,435	2,435	2,785	2,785
MP	Spec	Mnth31	Increase	USD	2,673	2,430	3,058	2,780
MP	Hedge/Member	Mnth31	Increase	USD	2,430	2,430	2,780	2,780
MP	Spec	Mnth32	Increase	USD	2,662	2,420	3,047	2,770
MP	Hedge/Member	Mnth32	Increase	USD	2,420	2,420	2,770	2,770
MP	Spec	Mnth33	Increase	USD	2,651	2,410	3,036	2,760
MP	Hedge/Member	Mnth33	Increase	USD	2,410	2,410	2,760	2,760
MP	Spec	Mnth34	Increase	USD	2,640	2,400	3,025	2,750
MP	Hedge/Member	Mnth34	Increase	USD	2,400	2,400	2,750	2,750
MP	Spec	Mnth35	Increase	USD	2,629	2,390	3,014	2,740
MP	Hedge/Member	Mnth35	Increase	USD	2,390	2,390	2,740	2,740
MP	Spec	Mnth36	Increase	USD	2,618	2,380	3,003	2,730
MP	Hedge/Member	Mnth36	Increase	USD	2,380	2,380	2,730	2,730
MP	Spec	Mnth37+	Increase	USD	2,596	2,360	2,981	2,710
MP	Hedge/Member	Mnth37+	Increase	USD	2,360	2,360	2,710	2,710

## SPAN MINIMUM PERFORMANCE BOND REQUIREMENTS

CC	Rate Type	Description	Change	ISO	Current Initial	Current Maintenance	New Initial	New Maintenance
<b>Outright Rates</b>								
<b>NY HRBR ULSD LST DAY FIN FUT (23)</b>								
23	Spec	Mnth1	Increase	USD	3,823	3,475	4,208	3,825
23	Hedge/Member	Mnth1	Increase	USD	3,475	3,475	3,825	3,825
23	Spec	Mnth2	Increase	USD	3,768	3,425	4,153	3,775
23	Hedge/Member	Mnth2	Increase	USD	3,425	3,425	3,775	3,775
23	Spec	Mnth3	Increase	USD	3,713	3,375	4,098	3,725
23	Hedge/Member	Mnth3	Increase	USD	3,375	3,375	3,725	3,725
23	Spec	Mnth4	Increase	USD	3,658	3,325	4,043	3,675
23	Hedge/Member	Mnth4	Increase	USD	3,325	3,325	3,675	3,675
23	Spec	Mnth5	Increase	USD	3,603	3,275	3,988	3,625
23	Hedge/Member	Mnth5	Increase	USD	3,275	3,275	3,625	3,625
23	Spec	Mnth6	Increase	USD	3,520	3,200	3,905	3,550
23	Hedge/Member	Mnth6	Increase	USD	3,200	3,200	3,550	3,550
23	Spec	Mnth7	Increase	USD	3,438	3,125	3,823	3,475
23	Hedge/Member	Mnth7	Increase	USD	3,125	3,125	3,475	3,475
23	Spec	Mnth8	Increase	USD	3,355	3,050	3,740	3,400
23	Hedge/Member	Mnth8	Increase	USD	3,050	3,050	3,400	3,400
23	Spec	Mnth9	Increase	USD	3,245	2,950	3,630	3,300
23	Hedge/Member	Mnth9	Increase	USD	2,950	2,950	3,300	3,300
23	Spec	Mnth10	Increase	USD	3,135	2,850	3,520	3,200
23	Hedge/Member	Mnth10	Increase	USD	2,850	2,850	3,200	3,200
23	Spec	Mnth11	Increase	USD	3,053	2,775	3,438	3,125
23	Hedge/Member	Mnth11	Increase	USD	2,775	2,775	3,125	3,125
23	Spec	Mnth12	Increase	USD	2,998	2,725	3,383	3,075
23	Hedge/Member	Mnth12	Increase	USD	2,725	2,725	3,075	3,075
23	Spec	Mnth13	Increase	USD	2,915	2,650	3,300	3,000
23	Hedge/Member	Mnth13	Increase	USD	2,650	2,650	3,000	3,000
23	Spec	Mnth14	Increase	USD	2,860	2,600	3,245	2,950
23	Hedge/Member	Mnth14	Increase	USD	2,600	2,600	2,950	2,950
23	Spec	Mnth15	Increase	USD	2,833	2,575	3,218	2,925
23	Hedge/Member	Mnth15	Increase	USD	2,575	2,575	2,925	2,925
23	Spec	Mnth16	Increase	USD	2,805	2,550	3,190	2,900
23	Hedge/Member	Mnth16	Increase	USD	2,550	2,550	2,900	2,900
23	Spec	Mnth17	Increase	USD	2,778	2,525	3,163	2,875
23	Hedge/Member	Mnth17	Increase	USD	2,525	2,525	2,875	2,875
23	Spec	Mnth18	Increase	USD	2,750	2,500	3,135	2,850
23	Hedge/Member	Mnth18	Increase	USD	2,500	2,500	2,850	2,850
23	Spec	Mnth19	Increase	USD	2,723	2,475	3,108	2,825
23	Hedge/Member	Mnth19	Increase	USD	2,475	2,475	2,825	2,825
23	Spec	Mnth20	Increase	USD	2,695	2,450	3,080	2,800

## SPAN MINIMUM PERFORMANCE BOND REQUIREMENTS

CC	Rate Type	Description	Change	ISO	Current Initial	Current Maintenance	New Initial	New Maintenance
<b>Outright Rates</b>								
23	Hedge/Member	Mnth20	Increase	USD	2,450	2,450	2,800	2,800
23	Spec	Mnth21	Increase	USD	2,695	2,450	3,080	2,800
23	Hedge/Member	Mnth21	Increase	USD	2,450	2,450	2,800	2,800
23	Spec	Mnth22	Increase	USD	2,695	2,450	3,080	2,800
23	Hedge/Member	Mnth22	Increase	USD	2,450	2,450	2,800	2,800
23	Spec	Mnth23	Increase	USD	2,695	2,450	3,080	2,800
23	Hedge/Member	Mnth23	Increase	USD	2,450	2,450	2,800	2,800
23	Spec	Mnth24	Increase	USD	2,695	2,450	3,080	2,800
23	Hedge/Member	Mnth24	Increase	USD	2,450	2,450	2,800	2,800
23	Spec	Mnth25	Increase	USD	2,695	2,450	3,080	2,800
23	Hedge/Member	Mnth25	Increase	USD	2,450	2,450	2,800	2,800
23	Spec	Mnth26	Increase	USD	2,695	2,450	3,080	2,800
23	Hedge/Member	Mnth26	Increase	USD	2,450	2,450	2,800	2,800
23	Spec	Mnth27	Increase	USD	2,695	2,450	3,080	2,800
23	Hedge/Member	Mnth27	Increase	USD	2,450	2,450	2,800	2,800
23	Spec	Mnth28	Increase	USD	2,695	2,450	3,080	2,800
23	Hedge/Member	Mnth28	Increase	USD	2,450	2,450	2,800	2,800
23	Spec	Mnth29	Increase	USD	2,695	2,450	3,080	2,800
23	Hedge/Member	Mnth29	Increase	USD	2,450	2,450	2,800	2,800
23	Spec	Mnth30	Increase	USD	2,679	2,435	3,064	2,785
23	Hedge/Member	Mnth30	Increase	USD	2,435	2,435	2,785	2,785
23	Spec	Mnth31	Increase	USD	2,673	2,430	3,058	2,780
23	Hedge/Member	Mnth31	Increase	USD	2,430	2,430	2,780	2,780
23	Spec	Mnth32	Increase	USD	2,662	2,420	3,047	2,770
23	Hedge/Member	Mnth32	Increase	USD	2,420	2,420	2,770	2,770
23	Spec	Mnth33	Increase	USD	2,651	2,410	3,036	2,760
23	Hedge/Member	Mnth33	Increase	USD	2,410	2,410	2,760	2,760
23	Spec	Mnth34	Increase	USD	2,640	2,400	3,025	2,750
23	Hedge/Member	Mnth34	Increase	USD	2,400	2,400	2,750	2,750
23	Spec	Mnth35	Increase	USD	2,629	2,390	3,014	2,740
23	Hedge/Member	Mnth35	Increase	USD	2,390	2,390	2,740	2,740
23	Spec	Mnth36	Increase	USD	2,618	2,380	3,003	2,730
23	Hedge/Member	Mnth36	Increase	USD	2,380	2,380	2,730	2,730
23	Spec	Mnth37+	Increase	USD	2,596	2,360	2,981	2,710
23	Hedge/Member	Mnth37+	Increase	USD	2,360	2,360	2,710	2,710

## 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

#### RBOB CALENDAR FUT (RL)

RL	Spec	Mnth 1	Increase	USD	4,070	3,700	4,510	4,100
RL	Hedge/Member	Mnth 1	Increase	USD	3,700	3,700	4,100	4,100
RL	Spec	Mnth 2	Increase	USD	3,960	3,600	4,180	3,800
RL	Hedge/Member	Mnth 2	Increase	USD	3,600	3,600	3,800	3,800
RL	Spec	Winter 2014/2015	Increase	USD	3,630	3,300	3,960	3,600
RL	Hedge/Member	Winter 2014/2015	Increase	USD	3,300	3,300	3,600	3,600
RL	Spec	Summer 2015	Increase	USD	3,190	2,900	3,630	3,300
RL	Hedge/Member	Summer 2015	Increase	USD	2,900	2,900	3,300	3,300
RL	Spec	Winter 2015/2016+	Increase	USD	2,970	2,700	3,190	2,900
RL	Hedge/Member	Winter 2015/2016+	Increase	USD	2,700	2,700	2,900	2,900

#### RBOB GASOLINE FINANCIAL FUTURES (RT)

RT	Spec	Mnth 1	Increase	USD	4,070	3,700	4,510	4,100
RT	Hedge/Member	Mnth 1	Increase	USD	3,700	3,700	4,100	4,100
RT	Spec	Mnth 2	Increase	USD	3,960	3,600	4,180	3,800
RT	Hedge/Member	Mnth 2	Increase	USD	3,600	3,600	3,800	3,800
RT	Spec	Winter 2014/2015	Increase	USD	3,630	3,300	3,960	3,600
RT	Hedge/Member	Winter 2014/2015	Increase	USD	3,300	3,300	3,600	3,600
RT	Spec	Summer 2015	Increase	USD	3,190	2,900	3,630	3,300
RT	Hedge/Member	Summer 2015	Increase	USD	2,900	2,900	3,300	3,300
RT	Spec	Winter 2015/2016+	Increase	USD	2,970	2,700	3,190	2,900
RT	Hedge/Member	Winter 2015/2016+	Increase	USD	2,700	2,700	2,900	2,900

## 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

#### **RBOB GASOLINE FUTURES (RB)**

RB	Spec	Mnth 1	Increase	USD	4,070	3,700	4,510	4,100
RB	Hedge/Member	Mnth 1	Increase	USD	3,700	3,700	4,100	4,100
RB	Spec	Mnth 2	Increase	USD	3,960	3,600	4,180	3,800
RB	Hedge/Member	Mnth 2	Increase	USD	3,600	3,600	3,800	3,800
RB	Spec	Winter 2014/2015	Increase	USD	3,630	3,300	3,960	3,600
RB	Hedge/Member	Winter 2014/2015	Increase	USD	3,300	3,300	3,600	3,600
RB	Spec	Summer 2015	Increase	USD	3,190	2,900	3,630	3,300
RB	Hedge/Member	Summer 2015	Increase	USD	2,900	2,900	3,300	3,300
RB	Spec	Winter 2015/2016+	Increase	USD	2,970	2,700	3,190	2,900
RB	Hedge/Member	Winter 2015/2016+	Increase	USD	2,700	2,700	2,900	2,900

## SPAN MINIMUM PERFORMANCE BOND REQUIREMENTS

CC	Rate Type	Description	Change	ISO	Current Initial	Current Maintenance	New Initial	New Maintenance
<b>Outright Rates</b>								
<b>RBOB PLATTS 3:15 TRADABLE MARKER (RBP)</b>								
RBP	Spec	Mnth 1	Increase	USD	4,070	3,700	4,510	4,100
RBP	Hedge/Member	Mnth 1	Increase	USD	3,700	3,700	4,100	4,100
RBP	Spec	Mnth 2	Increase	USD	3,960	3,600	4,180	3,800
RBP	Hedge/Member	Mnth 2	Increase	USD	3,600	3,600	3,800	3,800
RBP	Spec	Winter 2014/2015	Increase	USD	3,630	3,300	3,960	3,600
RBP	Hedge/Member	Winter 2014/2015	Increase	USD	3,300	3,300	3,600	3,600
RBP	Spec	Summer 2015	Increase	USD	3,190	2,900	3,630	3,300
RBP	Hedge/Member	Summer 2015	Increase	USD	2,900	2,900	3,300	3,300
RBP	Spec	Winter 2015/2016+	Increase	USD	2,970	2,700	3,190	2,900
RBP	Hedge/Member	Winter 2015/2016+	Increase	USD	2,700	2,700	2,900	2,900
<b>RBOB TRADE AT SETTLEMENT (RBT)</b>								
RBT	Spec	Mnth 1	Increase	USD	4,070	3,700	4,510	4,100
RBT	Hedge/Member	Mnth 1	Increase	USD	3,700	3,700	4,100	4,100
RBT	Spec	Mnth 2	Increase	USD	3,960	3,600	4,180	3,800
RBT	Hedge/Member	Mnth 2	Increase	USD	3,600	3,600	3,800	3,800
RBT	Spec	Winter 2014/2015	Increase	USD	3,630	3,300	3,960	3,600
RBT	Hedge/Member	Winter 2014/2015	Increase	USD	3,300	3,300	3,600	3,600
RBT	Spec	Summer 2015	Increase	USD	3,190	2,900	3,630	3,300
RBT	Hedge/Member	Summer 2015	Increase	USD	2,900	2,900	3,300	3,300
RBT	Spec	Winter 2015/2016+	Increase	USD	2,970	2,700	3,190	2,900
RBT	Hedge/Member	Winter 2015/2016+	Increase	USD	2,700	2,700	2,900	2,900
<b>SINGAPORE 380CST FUEL OIL FUT (SE)</b>								
SE	Spec	Mnth 1	Increase	USD	19,800	18,000	24,200	22,000
SE	Hedge/Member	Mnth 1	Increase	USD	18,000	18,000	22,000	22,000
SE	Spec	Mnths 2-6	Increase	USD	19,250	17,500	23,100	21,000
SE	Hedge/Member	Mnths 2-6	Increase	USD	17,500	17,500	21,000	21,000
SE	Spec	Mnths 7+	Increase	USD	17,600	16,000	22,000	20,000
SE	Hedge/Member	Mnths 7+	Increase	USD	16,000	16,000	20,000	20,000

## SPAN MINIMUM PERFORMANCE BOND REQUIREMENTS

CC	Rate Type	Description	Change	ISO	Current Initial	Current Maintenance	New Initial	New Maintenance
<b>Outright Rates</b>								
<b>SINGAPORE FUEL 180CST CALFUT (UA)</b>								
UA	Spec	Mnth 1	Increase	USD	19,800	18,000	24,200	22,000
UA	Hedge/Member	Mnth 1	Increase	USD	18,000	18,000	22,000	22,000
UA	Spec	Mnth 2	Increase	USD	17,050	15,500	20,900	19,000
UA	Hedge/Member	Mnth 2	Increase	USD	15,500	15,500	19,000	19,000
UA	Spec	Mnths 3-7	Increase	USD	16,500	15,000	20,350	18,500
UA	Hedge/Member	Mnths 3-7	Increase	USD	15,000	15,000	18,500	18,500
UA	Spec	Mnths 8+	Increase	USD	14,300	13,000	17,600	16,000
UA	Hedge/Member	Mnths 8+	Increase	USD	13,000	13,000	16,000	16,000
<b>SINGAPORE GASOIL FUT (SG)</b>								
SG	Spec	Mnth 1	Increase	USD	2,970	2,700	3,300	3,000
SG	Hedge/Member	Mnth 1	Increase	USD	2,700	2,700	3,000	3,000
SG	Spec	Mnths 2-6	Increase	USD	2,970	2,700	3,300	3,000
SG	Hedge/Member	Mnths 2-6	Increase	USD	2,700	2,700	3,000	3,000
SG	Spec	Mnths 7+	Increase	USD	2,530	2,300	2,860	2,600
SG	Hedge/Member	Mnths 7+	Increase	USD	2,300	2,300	2,600	2,600
<b>SINGAPORE NAPHTHA FUT (SP)</b>								
SP	Spec		Increase	USD	2,860	2,600	3,520	3,200
SP	Hedge/Member		Increase	USD	2,600	2,600	3,200	3,200
<b>SYNRBOB LAST DAY FINANCIAL FUT (S27)</b>								
S27	Spec	Mnth 1	Increase	USD	4,070	3,700	4,510	4,100
S27	Hedge/Member	Mnth 1	Increase	USD	3,700	3,700	4,100	4,100
S27	Spec	Mnth 2	Increase	USD	3,960	3,600	4,180	3,800
S27	Hedge/Member	Mnth 2	Increase	USD	3,600	3,600	3,800	3,800
S27	Spec	Winter 2014/2015	Increase	USD	3,630	3,300	3,960	3,600
S27	Hedge/Member	Winter 2014/2015	Increase	USD	3,300	3,300	3,600	3,600
S27	Spec	Summer 2015	Increase	USD	3,190	2,900	3,630	3,300
S27	Hedge/Member	Summer 2015	Increase	USD	2,900	2,900	3,300	3,300
S27	Spec	Winter 2015/2016+	Increase	USD	2,970	2,700	3,190	2,900
S27	Hedge/Member	Winter 2015/2016+	Increase	USD	2,700	2,700	2,900	2,900