



14-409

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

FROM: CME Clearing

SUBJECT: Performance Bond Requirements

DATE: Thursday, October 16, 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

Friday, October 17, 2014.

Current rates as of:

Thursday, October 16, 2014.

In this current advisory there are changes to the Short Option Minimum and/or the Volatility Scan Range. Below are descriptions of what each change affects:

The Short Option Minimum (SOM) is a charge that is applied only to portfolios concentrated in short options that do not generate a minimum margin requirement level when margins are calculated using the normal 16 SPAN scenarios. The SOM charge per short calls or short puts is a percentage of the outright margin on one underlying futures contract.

The volatility scan range is the change in implied volatility that is used in each of SPAN's 16 scenarios.

SPAN MINIMUM PERFORMANCE BOND REQUIREMENTS

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

CRUDE OIL - Outright Rates

BRENT CRUDE TAM LONDON (BZL)

BZL	Spec	Mnth1	Increase	USD	3,410	3,100	3,740	3,400
BZL	Hedge/Member	Mnth1	Increase	USD	3,100	3,100	3,400	3,400
BZL	Spec	Mnth2	Increase	USD	3,300	3,000	3,630	3,300
BZL	Hedge/Member	Mnth2	Increase	USD	3,000	3,000	3,300	3,300
BZL	Spec	Mnth3	Increase	USD	3,300	3,000	3,630	3,300
BZL	Hedge/Member	Mnth3	Increase	USD	3,000	3,000	3,300	3,300
BZL	Spec	Mnth4	Increase	USD	3,190	2,900	3,520	3,200
BZL	Hedge/Member	Mnth4	Increase	USD	2,900	2,900	3,200	3,200
BZL	Spec	Mnth5	Increase	USD	3,080	2,800	3,410	3,100
BZL	Hedge/Member	Mnth5	Increase	USD	2,800	2,800	3,100	3,100
BZL	Spec	Mnth6	Increase	USD	2,970	2,700	3,300	3,000
BZL	Hedge/Member	Mnth6	Increase	USD	2,700	2,700	3,000	3,000
BZL	Spec	Mnth7	Increase	USD	2,860	2,600	3,190	2,900
BZL	Hedge/Member	Mnth7	Increase	USD	2,600	2,600	2,900	2,900
BZL	Spec	Mnth8	Increase	USD	2,750	2,500	3,080	2,800
BZL	Hedge/Member	Mnth8	Increase	USD	2,500	2,500	2,800	2,800
BZL	Spec	Mnth9	Increase	USD	2,640	2,400	2,970	2,700
BZL	Hedge/Member	Mnth9	Increase	USD	2,400	2,400	2,700	2,700
BZL	Spec	Mnth10	Increase	USD	2,530	2,300	2,860	2,600
BZL	Hedge/Member	Mnth10	Increase	USD	2,300	2,300	2,600	2,600
BZL	Spec	Mnth11	Increase	USD	2,420	2,200	2,750	2,500
BZL	Hedge/Member	Mnth11	Increase	USD	2,200	2,200	2,500	2,500
BZL	Spec	Mnth12	Increase	USD	2,310	2,100	2,640	2,400
BZL	Hedge/Member	Mnth12	Increase	USD	2,100	2,100	2,400	2,400
BZL	Spec	Mnth13	Increase	USD	2,200	2,000	2,530	2,300
BZL	Hedge/Member	Mnth13	Increase	USD	2,000	2,000	2,300	2,300
BZL	Spec	Mnth14	Increase	USD	2,145	1,950	2,475	2,250
BZL	Hedge/Member	Mnth14	Increase	USD	1,950	1,950	2,250	2,250
BZL	Spec	Mnth15	Increase	USD	2,145	1,950	2,475	2,250
BZL	Hedge/Member	Mnth15	Increase	USD	1,950	1,950	2,250	2,250
BZL	Spec	Mnth16	Increase	USD	2,145	1,950	2,475	2,250
BZL	Hedge/Member	Mnth16	Increase	USD	1,950	1,950	2,250	2,250
BZL	Spec	Mnth17	Increase	USD	2,090	1,900	2,420	2,200
BZL	Hedge/Member	Mnth17	Increase	USD	1,900	1,900	2,200	2,200
BZL	Spec	Mnth18	Increase	USD	2,090	1,900	2,420	2,200
BZL	Hedge/Member	Mnth18	Increase	USD	1,900	1,900	2,200	2,200
BZL	Spec	Mnth19	Increase	USD	2,090	1,900	2,420	2,200

SPAN MINIMUM PERFORMANCE BOND REQUIREMENTS

CC	Rate Type	Description	Change	ISO	Current Initial	Current Maintenance	New Initial	New Maintenance
Outright Rates								
BZL	Hedge/Member	Mnth19	Increase	USD	1,900	1,900	2,200	2,200
BZL	Spec	Mnth20	Increase	USD	2,090	1,900	2,420	2,200
BZL	Hedge/Member	Mnth20	Increase	USD	1,900	1,900	2,200	2,200
BZL	Spec	Mnth21	Increase	USD	2,090	1,900	2,420	2,200
BZL	Hedge/Member	Mnth21	Increase	USD	1,900	1,900	2,200	2,200
BZL	Spec	Mnth22	Increase	USD	2,035	1,850	2,365	2,150
BZL	Hedge/Member	Mnth22	Increase	USD	1,850	1,850	2,150	2,150
BZL	Spec	Mnth23	Increase	USD	2,035	1,850	2,365	2,150
BZL	Hedge/Member	Mnth23	Increase	USD	1,850	1,850	2,150	2,150
BZL	Spec	Mnth24	Increase	USD	2,035	1,850	2,365	2,150
BZL	Hedge/Member	Mnth24	Increase	USD	1,850	1,850	2,150	2,150
BZL	Spec	Mnth25	Increase	USD	2,035	1,850	2,365	2,150
BZL	Hedge/Member	Mnth25	Increase	USD	1,850	1,850	2,150	2,150
BZL	Spec	Mnth26	Increase	USD	2,035	1,850	2,365	2,150
BZL	Hedge/Member	Mnth26	Increase	USD	1,850	1,850	2,150	2,150
BZL	Spec	Mnth27	Increase	USD	2,035	1,850	2,365	2,150
BZL	Hedge/Member	Mnth27	Increase	USD	1,850	1,850	2,150	2,150
BZL	Spec	Mnth28	Increase	USD	1,980	1,800	2,310	2,100
BZL	Hedge/Member	Mnth28	Increase	USD	1,800	1,800	2,100	2,100
BZL	Spec	Mnth29	Increase	USD	1,980	1,800	2,310	2,100
BZL	Hedge/Member	Mnth29	Increase	USD	1,800	1,800	2,100	2,100
BZL	Spec	Mnth30	Increase	USD	1,980	1,800	2,310	2,100
BZL	Hedge/Member	Mnth30	Increase	USD	1,800	1,800	2,100	2,100
BZL	Spec	Mnth31	Increase	USD	1,980	1,800	2,310	2,100
BZL	Hedge/Member	Mnth31	Increase	USD	1,800	1,800	2,100	2,100
BZL	Spec	Mnth32	Increase	USD	1,980	1,800	2,310	2,100
BZL	Hedge/Member	Mnth32	Increase	USD	1,800	1,800	2,100	2,100
BZL	Spec	Mnth33	Increase	USD	1,980	1,800	2,310	2,100
BZL	Hedge/Member	Mnth33	Increase	USD	1,800	1,800	2,100	2,100
BZL	Spec	Mnth34	Increase	USD	1,980	1,800	2,310	2,100
BZL	Hedge/Member	Mnth34	Increase	USD	1,800	1,800	2,100	2,100
BZL	Spec	Mnth35	Increase	USD	1,925	1,750	2,255	2,050
BZL	Hedge/Member	Mnth35	Increase	USD	1,750	1,750	2,050	2,050
BZL	Spec	Mnth36	Increase	USD	1,925	1,750	2,255	2,050
BZL	Hedge/Member	Mnth36	Increase	USD	1,750	1,750	2,050	2,050
BZL	Spec	Mnth37	Increase	USD	1,925	1,750	2,255	2,050
BZL	Hedge/Member	Mnth37	Increase	USD	1,750	1,750	2,050	2,050
BZL	Spec	Mnth38	Increase	USD	1,925	1,750	2,255	2,050
BZL	Hedge/Member	Mnth38	Increase	USD	1,750	1,750	2,050	2,050
BZL	Spec	Mnth39	Increase	USD	1,925	1,750	2,255	2,050

SPAN MINIMUM PERFORMANCE BOND REQUIREMENTS

CC	Rate Type	Description	Change	ISO	Current Initial	Current Maintenance	New Initial	New Maintenance
Outright Rates								
BZL	Hedge/Member	Mnth39	Increase	USD	1,750	1,750	2,050	2,050
BZL	Spec	Mnth40	Increase	USD	1,925	1,750	2,255	2,050
BZL	Hedge/Member	Mnth40	Increase	USD	1,750	1,750	2,050	2,050
BZL	Spec	Mnth41	Increase	USD	1,925	1,750	2,255	2,050
BZL	Hedge/Member	Mnth41	Increase	USD	1,750	1,750	2,050	2,050
BZL	Spec	Mnth42	Increase	USD	1,870	1,700	2,200	2,000
BZL	Hedge/Member	Mnth42	Increase	USD	1,700	1,700	2,000	2,000
BZL	Spec	Mnth43	Increase	USD	1,870	1,700	2,200	2,000
BZL	Hedge/Member	Mnth43	Increase	USD	1,700	1,700	2,000	2,000
BZL	Spec	Mnth44	Increase	USD	1,870	1,700	2,200	2,000
BZL	Hedge/Member	Mnth44	Increase	USD	1,700	1,700	2,000	2,000
BZL	Spec	Mnth45	Increase	USD	1,870	1,700	2,200	2,000
BZL	Hedge/Member	Mnth45	Increase	USD	1,700	1,700	2,000	2,000
BZL	Spec	Mnth46	Increase	USD	1,870	1,700	2,200	2,000
BZL	Hedge/Member	Mnth46	Increase	USD	1,700	1,700	2,000	2,000
BZL	Spec	Mnth47	Increase	USD	1,870	1,700	2,200	2,000
BZL	Hedge/Member	Mnth47	Increase	USD	1,700	1,700	2,000	2,000
BZL	Spec	Mnth48	Increase	USD	1,870	1,700	2,200	2,000
BZL	Hedge/Member	Mnth48	Increase	USD	1,700	1,700	2,000	2,000
BZL	Spec	Mnth49	Increase	USD	1,870	1,700	2,200	2,000
BZL	Hedge/Member	Mnth49	Increase	USD	1,700	1,700	2,000	2,000
BZL	Spec	Mnth50	Increase	USD	1,870	1,700	2,200	2,000
BZL	Hedge/Member	Mnth50	Increase	USD	1,700	1,700	2,000	2,000
BZL	Spec	Mnth51	Increase	USD	1,870	1,700	2,200	2,000
BZL	Hedge/Member	Mnth51	Increase	USD	1,700	1,700	2,000	2,000
BZL	Spec	Mnth52	Increase	USD	1,870	1,700	2,200	2,000
BZL	Hedge/Member	Mnth52	Increase	USD	1,700	1,700	2,000	2,000
BZL	Spec	Mnth53	Increase	USD	1,870	1,700	2,200	2,000
BZL	Hedge/Member	Mnth53	Increase	USD	1,700	1,700	2,000	2,000
BZL	Spec	Mnth54	Increase	USD	1,870	1,700	2,200	2,000
BZL	Hedge/Member	Mnth54	Increase	USD	1,700	1,700	2,000	2,000
BZL	Spec	Mnth55	Increase	USD	1,870	1,700	2,200	2,000
BZL	Hedge/Member	Mnth55	Increase	USD	1,700	1,700	2,000	2,000
BZL	Spec	Mnth56	Increase	USD	1,870	1,700	2,200	2,000
BZL	Hedge/Member	Mnth56	Increase	USD	1,700	1,700	2,000	2,000
BZL	Spec	Mnth57	Increase	USD	1,870	1,700	2,200	2,000
BZL	Hedge/Member	Mnth57	Increase	USD	1,700	1,700	2,000	2,000
BZL	Spec	Mnth58	Increase	USD	1,870	1,700	2,200	2,000
BZL	Hedge/Member	Mnth58	Increase	USD	1,700	1,700	2,000	2,000
BZL	Spec	Mnth59	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
Outright Rates								
BZL	Hedge/Member	Mnth59	Increase	USD	1,700	1,700	2,000	2,000
BZL	Spec	Mnth60	Increase	USD	1,870	1,700	2,200	2,000
BZL	Hedge/Member	Mnth60	Increase	USD	1,700	1,700	2,000	2,000
BZL	Spec	Mnth61	Increase	USD	1,870	1,700	2,200	2,000
BZL	Hedge/Member	Mnth61	Increase	USD	1,700	1,700	2,000	2,000
BZL	Spec	Mnth62	Increase	USD	1,870	1,700	2,200	2,000
BZL	Hedge/Member	Mnth62	Increase	USD	1,700	1,700	2,000	2,000
BZL	Spec	Mnth63	Increase	USD	1,870	1,700	2,200	2,000
BZL	Hedge/Member	Mnth63	Increase	USD	1,700	1,700	2,000	2,000
BZL	Spec	Mnth64	Increase	USD	1,870	1,700	2,200	2,000
BZL	Hedge/Member	Mnth64	Increase	USD	1,700	1,700	2,000	2,000
BZL	Spec	Mnth65+	Increase	USD	1,870	1,700	2,200	2,000
BZL	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
Outright Rates								
BRENT CRUDE TAM SINGAPORE (BZS)								
BZS	Spec	Mnth1	Increase	USD	3,410	3,100	3,740	3,400
BZS	Hedge/Member	Mnth1	Increase	USD	3,100	3,100	3,400	3,400
BZS	Spec	Mnth2	Increase	USD	3,300	3,000	3,630	3,300
BZS	Hedge/Member	Mnth2	Increase	USD	3,000	3,000	3,300	3,300
BZS	Spec	Mnth3	Increase	USD	3,300	3,000	3,630	3,300
BZS	Hedge/Member	Mnth3	Increase	USD	3,000	3,000	3,300	3,300
BZS	Spec	Mnth4	Increase	USD	3,190	2,900	3,520	3,200
BZS	Hedge/Member	Mnth4	Increase	USD	2,900	2,900	3,200	3,200
BZS	Spec	Mnth5	Increase	USD	3,080	2,800	3,410	3,100
BZS	Hedge/Member	Mnth5	Increase	USD	2,800	2,800	3,100	3,100
BZS	Spec	Mnth6	Increase	USD	2,970	2,700	3,300	3,000
BZS	Hedge/Member	Mnth6	Increase	USD	2,700	2,700	3,000	3,000
BZS	Spec	Mnth7	Increase	USD	2,860	2,600	3,190	2,900
BZS	Hedge/Member	Mnth7	Increase	USD	2,600	2,600	2,900	2,900
BZS	Spec	Mnth8	Increase	USD	2,750	2,500	3,080	2,800
BZS	Hedge/Member	Mnth8	Increase	USD	2,500	2,500	2,800	2,800
BZS	Spec	Mnth9	Increase	USD	2,640	2,400	2,970	2,700
BZS	Hedge/Member	Mnth9	Increase	USD	2,400	2,400	2,700	2,700
BZS	Spec	Mnth10	Increase	USD	2,530	2,300	2,860	2,600
BZS	Hedge/Member	Mnth10	Increase	USD	2,300	2,300	2,600	2,600
BZS	Spec	Mnth11	Increase	USD	2,420	2,200	2,750	2,500
BZS	Hedge/Member	Mnth11	Increase	USD	2,200	2,200	2,500	2,500
BZS	Spec	Mnth12	Increase	USD	2,310	2,100	2,640	2,400
BZS	Hedge/Member	Mnth12	Increase	USD	2,100	2,100	2,400	2,400
BZS	Spec	Mnth13	Increase	USD	2,200	2,000	2,530	2,300
BZS	Hedge/Member	Mnth13	Increase	USD	2,000	2,000	2,300	2,300
BZS	Spec	Mnth14	Increase	USD	2,145	1,950	2,475	2,250
BZS	Hedge/Member	Mnth14	Increase	USD	1,950	1,950	2,250	2,250
BZS	Spec	Mnth15	Increase	USD	2,145	1,950	2,475	2,250
BZS	Hedge/Member	Mnth15	Increase	USD	1,950	1,950	2,250	2,250
BZS	Spec	Mnth16	Increase	USD	2,145	1,950	2,475	2,250
BZS	Hedge/Member	Mnth16	Increase	USD	1,950	1,950	2,250	2,250
BZS	Spec	Mnth17	Increase	USD	2,090	1,900	2,420	2,200
BZS	Hedge/Member	Mnth17	Increase	USD	1,900	1,900	2,200	2,200
BZS	Spec	Mnth18	Increase	USD	2,090	1,900	2,420	2,200
BZS	Hedge/Member	Mnth18	Increase	USD	1,900	1,900	2,200	2,200
BZS	Spec	Mnth19	Increase	USD	2,090	1,900	2,420	2,200
BZS	Hedge/Member	Mnth19	Increase	USD	1,900	1,900	2,200	2,200
BZS	Spec	Mnth20	Increase	USD	2,090	1,900	2,420	2,200

SPAN MINIMUM PERFORMANCE BOND REQUIREMENTS

CC	Rate Type	Description	Change	ISO	Current Initial	Current Maintenance	New Initial	New Maintenance
Outright Rates								
BZS	Hedge/Member	Mnth20	Increase	USD	1,900	1,900	2,200	2,200
BZS	Spec	Mnth21	Increase	USD	2,090	1,900	2,420	2,200
BZS	Hedge/Member	Mnth21	Increase	USD	1,900	1,900	2,200	2,200
BZS	Spec	Mnth22	Increase	USD	2,035	1,850	2,365	2,150
BZS	Hedge/Member	Mnth22	Increase	USD	1,850	1,850	2,150	2,150
BZS	Spec	Mnth23	Increase	USD	2,035	1,850	2,365	2,150
BZS	Hedge/Member	Mnth23	Increase	USD	1,850	1,850	2,150	2,150
BZS	Spec	Mnth24	Increase	USD	2,035	1,850	2,365	2,150
BZS	Hedge/Member	Mnth24	Increase	USD	1,850	1,850	2,150	2,150
BZS	Spec	Mnth25	Increase	USD	2,035	1,850	2,365	2,150
BZS	Hedge/Member	Mnth25	Increase	USD	1,850	1,850	2,150	2,150
BZS	Spec	Mnth26	Increase	USD	2,035	1,850	2,365	2,150
BZS	Hedge/Member	Mnth26	Increase	USD	1,850	1,850	2,150	2,150
BZS	Spec	Mnth27	Increase	USD	2,035	1,850	2,365	2,150
BZS	Hedge/Member	Mnth27	Increase	USD	1,850	1,850	2,150	2,150
BZS	Spec	Mnth28	Increase	USD	1,980	1,800	2,310	2,100
BZS	Hedge/Member	Mnth28	Increase	USD	1,800	1,800	2,100	2,100
BZS	Spec	Mnth29	Increase	USD	1,980	1,800	2,310	2,100
BZS	Hedge/Member	Mnth29	Increase	USD	1,800	1,800	2,100	2,100
BZS	Spec	Mnth30	Increase	USD	1,980	1,800	2,310	2,100
BZS	Hedge/Member	Mnth30	Increase	USD	1,800	1,800	2,100	2,100
BZS	Spec	Mnth31	Increase	USD	1,980	1,800	2,310	2,100
BZS	Hedge/Member	Mnth31	Increase	USD	1,800	1,800	2,100	2,100
BZS	Spec	Mnth32	Increase	USD	1,980	1,800	2,310	2,100
BZS	Hedge/Member	Mnth32	Increase	USD	1,800	1,800	2,100	2,100
BZS	Spec	Mnth33	Increase	USD	1,980	1,800	2,310	2,100
BZS	Hedge/Member	Mnth33	Increase	USD	1,800	1,800	2,100	2,100
BZS	Spec	Mnth34	Increase	USD	1,980	1,800	2,310	2,100
BZS	Hedge/Member	Mnth34	Increase	USD	1,800	1,800	2,100	2,100
BZS	Spec	Mnth35	Increase	USD	1,925	1,750	2,255	2,050
BZS	Hedge/Member	Mnth35	Increase	USD	1,750	1,750	2,050	2,050
BZS	Spec	Mnth36	Increase	USD	1,925	1,750	2,255	2,050
BZS	Hedge/Member	Mnth36	Increase	USD	1,750	1,750	2,050	2,050
BZS	Spec	Mnth37	Increase	USD	1,925	1,750	2,255	2,050
BZS	Hedge/Member	Mnth37	Increase	USD	1,750	1,750	2,050	2,050
BZS	Spec	Mnth38	Increase	USD	1,925	1,750	2,255	2,050
BZS	Hedge/Member	Mnth38	Increase	USD	1,750	1,750	2,050	2,050
BZS	Spec	Mnth39	Increase	USD	1,925	1,750	2,255	2,050
BZS	Hedge/Member	Mnth39	Increase	USD	1,750	1,750	2,050	2,050
BZS	Spec	Mnth40	Increase	USD	1,925	1,750	2,255	2,050

SPAN MINIMUM PERFORMANCE BOND REQUIREMENTS

CC	Rate Type	Description	Change	ISO	Current Initial	Current Maintenance	New Initial	New Maintenance
Outright Rates								
BZS	Hedge/Member	Mnth40	Increase	USD	1,750	1,750	2,050	2,050
BZS	Spec	Mnth41	Increase	USD	1,925	1,750	2,255	2,050
BZS	Hedge/Member	Mnth41	Increase	USD	1,750	1,750	2,050	2,050
BZS	Spec	Mnth42	Increase	USD	1,870	1,700	2,200	2,000
BZS	Hedge/Member	Mnth42	Increase	USD	1,700	1,700	2,000	2,000
BZS	Spec	Mnth43	Increase	USD	1,870	1,700	2,200	2,000
BZS	Hedge/Member	Mnth43	Increase	USD	1,700	1,700	2,000	2,000
BZS	Spec	Mnth44	Increase	USD	1,870	1,700	2,200	2,000
BZS	Hedge/Member	Mnth44	Increase	USD	1,700	1,700	2,000	2,000
BZS	Spec	Mnth45	Increase	USD	1,870	1,700	2,200	2,000
BZS	Hedge/Member	Mnth45	Increase	USD	1,700	1,700	2,000	2,000
BZS	Spec	Mnth46	Increase	USD	1,870	1,700	2,200	2,000
BZS	Hedge/Member	Mnth46	Increase	USD	1,700	1,700	2,000	2,000
BZS	Spec	Mnth47	Increase	USD	1,870	1,700	2,200	2,000
BZS	Hedge/Member	Mnth47	Increase	USD	1,700	1,700	2,000	2,000
BZS	Spec	Mnth48	Increase	USD	1,870	1,700	2,200	2,000
BZS	Hedge/Member	Mnth48	Increase	USD	1,700	1,700	2,000	2,000
BZS	Spec	Mnth49	Increase	USD	1,870	1,700	2,200	2,000
BZS	Hedge/Member	Mnth49	Increase	USD	1,700	1,700	2,000	2,000
BZS	Spec	Mnth50	Increase	USD	1,870	1,700	2,200	2,000
BZS	Hedge/Member	Mnth50	Increase	USD	1,700	1,700	2,000	2,000
BZS	Spec	Mnth51	Increase	USD	1,870	1,700	2,200	2,000
BZS	Hedge/Member	Mnth51	Increase	USD	1,700	1,700	2,000	2,000
BZS	Spec	Mnth52	Increase	USD	1,870	1,700	2,200	2,000
BZS	Hedge/Member	Mnth52	Increase	USD	1,700	1,700	2,000	2,000
BZS	Spec	Mnth53	Increase	USD	1,870	1,700	2,200	2,000
BZS	Hedge/Member	Mnth53	Increase	USD	1,700	1,700	2,000	2,000
BZS	Spec	Mnth54	Increase	USD	1,870	1,700	2,200	2,000
BZS	Hedge/Member	Mnth54	Increase	USD	1,700	1,700	2,000	2,000
BZS	Spec	Mnth55	Increase	USD	1,870	1,700	2,200	2,000
BZS	Hedge/Member	Mnth55	Increase	USD	1,700	1,700	2,000	2,000
BZS	Spec	Mnth56	Increase	USD	1,870	1,700	2,200	2,000
BZS	Hedge/Member	Mnth56	Increase	USD	1,700	1,700	2,000	2,000
BZS	Spec	Mnth57	Increase	USD	1,870	1,700	2,200	2,000
BZS	Hedge/Member	Mnth57	Increase	USD	1,700	1,700	2,000	2,000
BZS	Spec	Mnth58	Increase	USD	1,870	1,700	2,200	2,000
BZS	Hedge/Member	Mnth58	Increase	USD	1,700	1,700	2,000	2,000
BZS	Spec	Mnth59	Increase	USD	1,870	1,700	2,200	2,000
BZS	Hedge/Member	Mnth59	Increase	USD	1,700	1,700	2,000	2,000
BZS	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
Outright Rates								
BZS	Hedge/Member	Mnth60	Increase	USD	1,700	1,700	2,000	2,000
BZS	Spec	Mnth61	Increase	USD	1,870	1,700	2,200	2,000
BZS	Hedge/Member	Mnth61	Increase	USD	1,700	1,700	2,000	2,000
BZS	Spec	Mnth62	Increase	USD	1,870	1,700	2,200	2,000
BZS	Hedge/Member	Mnth62	Increase	USD	1,700	1,700	2,000	2,000
BZS	Spec	Mnth63	Increase	USD	1,870	1,700	2,200	2,000
BZS	Hedge/Member	Mnth63	Increase	USD	1,700	1,700	2,000	2,000
BZS	Spec	Mnth64	Increase	USD	1,870	1,700	2,200	2,000
BZS	Hedge/Member	Mnth64	Increase	USD	1,700	1,700	2,000	2,000
BZS	Spec	Mnth65+	Increase	USD	1,870	1,700	2,200	2,000
BZS	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
Outright Rates								
BRENT FIN TRAD AT SETTLE FUTURES (BBT)								
BBT	Spec	Mnth1	Increase	USD	3,410	3,100	3,740	3,400
BBT	Hedge/Member	Mnth1	Increase	USD	3,100	3,100	3,400	3,400
BBT	Spec	Mnth2	Increase	USD	3,300	3,000	3,630	3,300
BBT	Hedge/Member	Mnth2	Increase	USD	3,000	3,000	3,300	3,300
BBT	Spec	Mnth3	Increase	USD	3,300	3,000	3,630	3,300
BBT	Hedge/Member	Mnth3	Increase	USD	3,000	3,000	3,300	3,300
BBT	Spec	Mnth4	Increase	USD	3,190	2,900	3,520	3,200
BBT	Hedge/Member	Mnth4	Increase	USD	2,900	2,900	3,200	3,200
BBT	Spec	Mnth5	Increase	USD	3,080	2,800	3,410	3,100
BBT	Hedge/Member	Mnth5	Increase	USD	2,800	2,800	3,100	3,100
BBT	Spec	Mnth6	Increase	USD	2,970	2,700	3,300	3,000
BBT	Hedge/Member	Mnth6	Increase	USD	2,700	2,700	3,000	3,000
BBT	Spec	Mnth7	Increase	USD	2,860	2,600	3,190	2,900
BBT	Hedge/Member	Mnth7	Increase	USD	2,600	2,600	2,900	2,900
BBT	Spec	Mnth8	Increase	USD	2,750	2,500	3,080	2,800
BBT	Hedge/Member	Mnth8	Increase	USD	2,500	2,500	2,800	2,800
BBT	Spec	Mnth9	Increase	USD	2,640	2,400	2,970	2,700
BBT	Hedge/Member	Mnth9	Increase	USD	2,400	2,400	2,700	2,700
BBT	Spec	Mnth10	Increase	USD	2,530	2,300	2,860	2,600
BBT	Hedge/Member	Mnth10	Increase	USD	2,300	2,300	2,600	2,600
BBT	Spec	Mnth11	Increase	USD	2,420	2,200	2,750	2,500
BBT	Hedge/Member	Mnth11	Increase	USD	2,200	2,200	2,500	2,500
BBT	Spec	Mnth12	Increase	USD	2,310	2,100	2,640	2,400
BBT	Hedge/Member	Mnth12	Increase	USD	2,100	2,100	2,400	2,400
BBT	Spec	Mnth13	Increase	USD	2,200	2,000	2,530	2,300
BBT	Hedge/Member	Mnth13	Increase	USD	2,000	2,000	2,300	2,300
BBT	Spec	Mnth14	Increase	USD	2,145	1,950	2,475	2,250
BBT	Hedge/Member	Mnth14	Increase	USD	1,950	1,950	2,250	2,250
BBT	Spec	Mnth15	Increase	USD	2,145	1,950	2,475	2,250
BBT	Hedge/Member	Mnth15	Increase	USD	1,950	1,950	2,250	2,250
BBT	Spec	Mnth16	Increase	USD	2,145	1,950	2,475	2,250
BBT	Hedge/Member	Mnth16	Increase	USD	1,950	1,950	2,250	2,250
BBT	Spec	Mnth17	Increase	USD	2,090	1,900	2,420	2,200
BBT	Hedge/Member	Mnth17	Increase	USD	1,900	1,900	2,200	2,200
BBT	Spec	Mnth18	Increase	USD	2,090	1,900	2,420	2,200
BBT	Hedge/Member	Mnth18	Increase	USD	1,900	1,900	2,200	2,200
BBT	Spec	Mnth19	Increase	USD	2,090	1,900	2,365	2,150
BBT	Hedge/Member	Mnth19	Increase	USD	1,900	1,900	2,150	2,150
BBT	Spec	Mnth20	Increase	USD	2,090	1,900	2,365	2,150

SPAN MINIMUM PERFORMANCE BOND REQUIREMENTS

CC	Rate Type	Description	Change	ISO	Current Initial	Current Maintenance	New Initial	New Maintenance
Outright Rates								
BBT	Hedge/Member	Mnth20	Increase	USD	1,900	1,900	2,150	2,150
BBT	Spec	Mnth21	Increase	USD	2,090	1,900	2,420	2,200
BBT	Hedge/Member	Mnth21	Increase	USD	1,900	1,900	2,200	2,200
BBT	Spec	Mnth22	Increase	USD	2,035	1,850	2,365	2,150
BBT	Hedge/Member	Mnth22	Increase	USD	1,850	1,850	2,150	2,150
BBT	Spec	Mnth23	Increase	USD	2,035	1,850	2,365	2,150
BBT	Hedge/Member	Mnth23	Increase	USD	1,850	1,850	2,150	2,150
BBT	Spec	Mnth24	Increase	USD	2,035	1,850	2,365	2,150
BBT	Hedge/Member	Mnth24	Increase	USD	1,850	1,850	2,150	2,150
BBT	Spec	Mnth25	Increase	USD	2,035	1,850	2,365	2,150
BBT	Hedge/Member	Mnth25	Increase	USD	1,850	1,850	2,150	2,150
BBT	Spec	Mnth26	Increase	USD	2,035	1,850	2,365	2,150
BBT	Hedge/Member	Mnth26	Increase	USD	1,850	1,850	2,150	2,150
BBT	Spec	Mnth27	Increase	USD	2,035	1,850	2,365	2,150
BBT	Hedge/Member	Mnth27	Increase	USD	1,850	1,850	2,150	2,150
BBT	Spec	Mnth28	Increase	USD	1,980	1,800	2,310	2,100
BBT	Hedge/Member	Mnth28	Increase	USD	1,800	1,800	2,100	2,100
BBT	Spec	Mnth29	Increase	USD	1,980	1,800	2,310	2,100
BBT	Hedge/Member	Mnth29	Increase	USD	1,800	1,800	2,100	2,100
BBT	Spec	Mnth30	Increase	USD	1,980	1,800	2,310	2,100
BBT	Hedge/Member	Mnth30	Increase	USD	1,800	1,800	2,100	2,100
BBT	Spec	Mnth31	Increase	USD	1,980	1,800	2,310	2,100
BBT	Hedge/Member	Mnth31	Increase	USD	1,800	1,800	2,100	2,100
BBT	Spec	Mnth32	Increase	USD	1,980	1,800	2,310	2,100
BBT	Hedge/Member	Mnth32	Increase	USD	1,800	1,800	2,100	2,100
BBT	Spec	Mnth33	Increase	USD	1,980	1,800	2,310	2,100
BBT	Hedge/Member	Mnth33	Increase	USD	1,800	1,800	2,100	2,100
BBT	Spec	Mnth34	Increase	USD	1,980	1,800	2,310	2,100
BBT	Hedge/Member	Mnth34	Increase	USD	1,800	1,800	2,100	2,100
BBT	Spec	Mnth35	Increase	USD	1,925	1,750	2,255	2,050
BBT	Hedge/Member	Mnth35	Increase	USD	1,750	1,750	2,050	2,050
BBT	Spec	Mnth36	Increase	USD	1,925	1,750	2,255	2,050
BBT	Hedge/Member	Mnth36	Increase	USD	1,750	1,750	2,050	2,050
BBT	Spec	Mnth37	Increase	USD	1,925	1,750	2,255	2,050
BBT	Hedge/Member	Mnth37	Increase	USD	1,750	1,750	2,050	2,050
BBT	Spec	Mnth38	Increase	USD	1,925	1,750	2,255	2,050
BBT	Hedge/Member	Mnth38	Increase	USD	1,750	1,750	2,050	2,050
BBT	Spec	Mnth39	Increase	USD	1,925	1,750	2,255	2,050
BBT	Hedge/Member	Mnth39	Increase	USD	1,750	1,750	2,050	2,050
BBT	Spec	Mnth40	Increase	USD	1,925	1,750	2,255	2,050

SPAN MINIMUM PERFORMANCE BOND REQUIREMENTS

CC	Rate Type	Description	Change	ISO	Current Initial	Current Maintenance	New Initial	New Maintenance
Outright Rates								
BBT	Hedge/Member	Mnth40	Increase	USD	1,750	1,750	2,050	2,050
BBT	Spec	Mnth41	Increase	USD	1,925	1,750	2,255	2,050
BBT	Hedge/Member	Mnth41	Increase	USD	1,750	1,750	2,050	2,050
BBT	Spec	Mnth42	Increase	USD	1,870	1,700	2,200	2,000
BBT	Hedge/Member	Mnth42	Increase	USD	1,700	1,700	2,000	2,000
BBT	Spec	Mnth43	Increase	USD	1,870	1,700	2,200	2,000
BBT	Hedge/Member	Mnth43	Increase	USD	1,700	1,700	2,000	2,000
BBT	Spec	Mnth44	Increase	USD	1,870	1,700	2,200	2,000
BBT	Hedge/Member	Mnth44	Increase	USD	1,700	1,700	2,000	2,000
BBT	Spec	Mnth45	Increase	USD	1,870	1,700	2,200	2,000
BBT	Hedge/Member	Mnth45	Increase	USD	1,700	1,700	2,000	2,000
BBT	Spec	Mnth46	Increase	USD	1,870	1,700	2,200	2,000
BBT	Hedge/Member	Mnth46	Increase	USD	1,700	1,700	2,000	2,000
BBT	Spec	Mnth47	Increase	USD	1,870	1,700	2,200	2,000
BBT	Hedge/Member	Mnth47	Increase	USD	1,700	1,700	2,000	2,000
BBT	Spec	Mnth48	Increase	USD	1,870	1,700	2,200	2,000
BBT	Hedge/Member	Mnth48	Increase	USD	1,700	1,700	2,000	2,000
BBT	Spec	Mnth49	Increase	USD	1,870	1,700	2,200	2,000
BBT	Hedge/Member	Mnth49	Increase	USD	1,700	1,700	2,000	2,000
BBT	Spec	Mnth50	Increase	USD	1,870	1,700	2,200	2,000
BBT	Hedge/Member	Mnth50	Increase	USD	1,700	1,700	2,000	2,000
BBT	Spec	Mnth51	Increase	USD	1,870	1,700	2,200	2,000
BBT	Hedge/Member	Mnth51	Increase	USD	1,700	1,700	2,000	2,000
BBT	Spec	Mnth52	Increase	USD	1,870	1,700	2,200	2,000
BBT	Hedge/Member	Mnth52	Increase	USD	1,700	1,700	2,000	2,000
BBT	Spec	Mnth53	Increase	USD	1,870	1,700	2,200	2,000
BBT	Hedge/Member	Mnth53	Increase	USD	1,700	1,700	2,000	2,000
BBT	Spec	Mnth54	Increase	USD	1,870	1,700	2,200	2,000
BBT	Hedge/Member	Mnth54	Increase	USD	1,700	1,700	2,000	2,000
BBT	Spec	Mnth55	Increase	USD	1,870	1,700	2,200	2,000
BBT	Hedge/Member	Mnth55	Increase	USD	1,700	1,700	2,000	2,000
BBT	Spec	Mnth56	Increase	USD	1,870	1,700	2,200	2,000
BBT	Hedge/Member	Mnth56	Increase	USD	1,700	1,700	2,000	2,000
BBT	Spec	Mnth57	Increase	USD	1,870	1,700	2,200	2,000
BBT	Hedge/Member	Mnth57	Increase	USD	1,700	1,700	2,000	2,000
BBT	Spec	Mnth58	Increase	USD	1,870	1,700	2,200	2,000
BBT	Hedge/Member	Mnth58	Increase	USD	1,700	1,700	2,000	2,000
BBT	Spec	Mnth59	Increase	USD	1,870	1,700	2,200	2,000
BBT	Hedge/Member	Mnth59	Increase	USD	1,700	1,700	2,000	2,000
BBT	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
Outright Rates								
BBT	Hedge/Member	Mnth60	Increase	USD	1,700	1,700	2,000	2,000
BBT	Spec	Mnth61	Increase	USD	1,870	1,700	2,200	2,000
BBT	Hedge/Member	Mnth61	Increase	USD	1,700	1,700	2,000	2,000
BBT	Spec	Mnth62	Increase	USD	1,870	1,700	2,200	2,000
BBT	Hedge/Member	Mnth62	Increase	USD	1,700	1,700	2,000	2,000
BBT	Spec	Mnth63	Increase	USD	1,870	1,700	2,200	2,000
BBT	Hedge/Member	Mnth63	Increase	USD	1,700	1,700	2,000	2,000
BBT	Spec	Mnth64	Increase	USD	1,870	1,700	2,200	2,000
BBT	Hedge/Member	Mnth64	Increase	USD	1,700	1,700	2,000	2,000
BBT	Spec	Mnth65+	Increase	USD	1,870	1,700	2,200	2,000
BBT	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
Outright Rates								
BRENT FINANCIAL FUTURES (BB)								
BB	Spec	Mnth1	Increase	USD	3,410	3,100	3,740	3,400
BB	Hedge/Member	Mnth1	Increase	USD	3,100	3,100	3,400	3,400
BB	Spec	Mnth2	Increase	USD	3,300	3,000	3,630	3,300
BB	Hedge/Member	Mnth2	Increase	USD	3,000	3,000	3,300	3,300
BB	Spec	Mnth3	Increase	USD	3,300	3,000	3,630	3,300
BB	Hedge/Member	Mnth3	Increase	USD	3,000	3,000	3,300	3,300
BB	Spec	Mnth4	Increase	USD	3,190	2,900	3,520	3,200
BB	Hedge/Member	Mnth4	Increase	USD	2,900	2,900	3,200	3,200
BB	Spec	Mnth5	Increase	USD	3,080	2,800	3,410	3,100
BB	Hedge/Member	Mnth5	Increase	USD	2,800	2,800	3,100	3,100
BB	Spec	Mnth6	Increase	USD	2,970	2,700	3,300	3,000
BB	Hedge/Member	Mnth6	Increase	USD	2,700	2,700	3,000	3,000
BB	Spec	Mnth7	Increase	USD	2,860	2,600	3,190	2,900
BB	Hedge/Member	Mnth7	Increase	USD	2,600	2,600	2,900	2,900
BB	Spec	Mnth8	Increase	USD	2,750	2,500	3,080	2,800
BB	Hedge/Member	Mnth8	Increase	USD	2,500	2,500	2,800	2,800
BB	Spec	Mnth9	Increase	USD	2,640	2,400	2,970	2,700
BB	Hedge/Member	Mnth9	Increase	USD	2,400	2,400	2,700	2,700
BB	Spec	Mnth10	Increase	USD	2,530	2,300	2,860	2,600
BB	Hedge/Member	Mnth10	Increase	USD	2,300	2,300	2,600	2,600
BB	Spec	Mnth11	Increase	USD	2,420	2,200	2,750	2,500
BB	Hedge/Member	Mnth11	Increase	USD	2,200	2,200	2,500	2,500
BB	Spec	Mnth12	Increase	USD	2,310	2,100	2,640	2,400
BB	Hedge/Member	Mnth12	Increase	USD	2,100	2,100	2,400	2,400
BB	Spec	Mnth13	Increase	USD	2,200	2,000	2,530	2,300
BB	Hedge/Member	Mnth13	Increase	USD	2,000	2,000	2,300	2,300
BB	Spec	Mnth14	Increase	USD	2,145	1,950	2,475	2,250
BB	Hedge/Member	Mnth14	Increase	USD	1,950	1,950	2,250	2,250
BB	Spec	Mnth15	Increase	USD	2,145	1,950	2,475	2,250
BB	Hedge/Member	Mnth15	Increase	USD	1,950	1,950	2,250	2,250
BB	Spec	Mnth16	Increase	USD	2,145	1,950	2,475	2,250
BB	Hedge/Member	Mnth16	Increase	USD	1,950	1,950	2,250	2,250
BB	Spec	Mnth17	Increase	USD	2,090	1,900	2,420	2,200
BB	Hedge/Member	Mnth17	Increase	USD	1,900	1,900	2,200	2,200
BB	Spec	Mnth18	Increase	USD	2,090	1,900	2,420	2,200
BB	Hedge/Member	Mnth18	Increase	USD	1,900	1,900	2,200	2,200
BB	Spec	Mnth19	Increase	USD	2,090	1,900	2,365	2,150
BB	Hedge/Member	Mnth19	Increase	USD	1,900	1,900	2,150	2,150
BB	Spec	Mnth20	Increase	USD	2,090	1,900	2,365	2,150

SPAN MINIMUM PERFORMANCE BOND REQUIREMENTS

CC	Rate Type	Description	Change	ISO	Current Initial	Current Maintenance	New Initial	New Maintenance
Outright Rates								
BB	Hedge/Member	Mnth20	Increase	USD	1,900	1,900	2,150	2,150
BB	Spec	Mnth21	Increase	USD	2,090	1,900	2,420	2,200
BB	Hedge/Member	Mnth21	Increase	USD	1,900	1,900	2,200	2,200
BB	Spec	Mnth22	Increase	USD	2,035	1,850	2,365	2,150
BB	Hedge/Member	Mnth22	Increase	USD	1,850	1,850	2,150	2,150
BB	Spec	Mnth23	Increase	USD	2,035	1,850	2,365	2,150
BB	Hedge/Member	Mnth23	Increase	USD	1,850	1,850	2,150	2,150
BB	Spec	Mnth24	Increase	USD	2,035	1,850	2,365	2,150
BB	Hedge/Member	Mnth24	Increase	USD	1,850	1,850	2,150	2,150
BB	Spec	Mnth25	Increase	USD	2,035	1,850	2,365	2,150
BB	Hedge/Member	Mnth25	Increase	USD	1,850	1,850	2,150	2,150
BB	Spec	Mnth26	Increase	USD	2,035	1,850	2,365	2,150
BB	Hedge/Member	Mnth26	Increase	USD	1,850	1,850	2,150	2,150
BB	Spec	Mnth27	Increase	USD	2,035	1,850	2,365	2,150
BB	Hedge/Member	Mnth27	Increase	USD	1,850	1,850	2,150	2,150
BB	Spec	Mnth28	Increase	USD	1,980	1,800	2,310	2,100
BB	Hedge/Member	Mnth28	Increase	USD	1,800	1,800	2,100	2,100
BB	Spec	Mnth29	Increase	USD	1,980	1,800	2,310	2,100
BB	Hedge/Member	Mnth29	Increase	USD	1,800	1,800	2,100	2,100
BB	Spec	Mnth30	Increase	USD	1,980	1,800	2,310	2,100
BB	Hedge/Member	Mnth30	Increase	USD	1,800	1,800	2,100	2,100
BB	Spec	Mnth31	Increase	USD	1,980	1,800	2,310	2,100
BB	Hedge/Member	Mnth31	Increase	USD	1,800	1,800	2,100	2,100
BB	Spec	Mnth32	Increase	USD	1,980	1,800	2,310	2,100
BB	Hedge/Member	Mnth32	Increase	USD	1,800	1,800	2,100	2,100
BB	Spec	Mnth33	Increase	USD	1,980	1,800	2,310	2,100
BB	Hedge/Member	Mnth33	Increase	USD	1,800	1,800	2,100	2,100
BB	Spec	Mnth34	Increase	USD	1,980	1,800	2,310	2,100
BB	Hedge/Member	Mnth34	Increase	USD	1,800	1,800	2,100	2,100
BB	Spec	Mnth35	Increase	USD	1,925	1,750	2,255	2,050
BB	Hedge/Member	Mnth35	Increase	USD	1,750	1,750	2,050	2,050
BB	Spec	Mnth36	Increase	USD	1,925	1,750	2,255	2,050
BB	Hedge/Member	Mnth36	Increase	USD	1,750	1,750	2,050	2,050
BB	Spec	Mnth37	Increase	USD	1,925	1,750	2,255	2,050
BB	Hedge/Member	Mnth37	Increase	USD	1,750	1,750	2,050	2,050
BB	Spec	Mnth38	Increase	USD	1,925	1,750	2,255	2,050
BB	Hedge/Member	Mnth38	Increase	USD	1,750	1,750	2,050	2,050
BB	Spec	Mnth39	Increase	USD	1,925	1,750	2,255	2,050
BB	Hedge/Member	Mnth39	Increase	USD	1,750	1,750	2,050	2,050
BB	Spec	Mnth40	Increase	USD	1,925	1,750	2,255	2,050

SPAN MINIMUM PERFORMANCE BOND REQUIREMENTS

CC	Rate Type	Description	Change	ISO	Current Initial	Current Maintenance	New Initial	New Maintenance
Outright Rates								
BB	Hedge/Member	Mnth40	Increase	USD	1,750	1,750	2,050	2,050
BB	Spec	Mnth41	Increase	USD	1,925	1,750	2,255	2,050
BB	Hedge/Member	Mnth41	Increase	USD	1,750	1,750	2,050	2,050
BB	Spec	Mnth42	Increase	USD	1,870	1,700	2,200	2,000
BB	Hedge/Member	Mnth42	Increase	USD	1,700	1,700	2,000	2,000
BB	Spec	Mnth43	Increase	USD	1,870	1,700	2,200	2,000
BB	Hedge/Member	Mnth43	Increase	USD	1,700	1,700	2,000	2,000
BB	Spec	Mnth44	Increase	USD	1,870	1,700	2,200	2,000
BB	Hedge/Member	Mnth44	Increase	USD	1,700	1,700	2,000	2,000
BB	Spec	Mnth45	Increase	USD	1,870	1,700	2,200	2,000
BB	Hedge/Member	Mnth45	Increase	USD	1,700	1,700	2,000	2,000
BB	Spec	Mnth46	Increase	USD	1,870	1,700	2,200	2,000
BB	Hedge/Member	Mnth46	Increase	USD	1,700	1,700	2,000	2,000
BB	Spec	Mnth47	Increase	USD	1,870	1,700	2,200	2,000
BB	Hedge/Member	Mnth47	Increase	USD	1,700	1,700	2,000	2,000
BB	Spec	Mnth48	Increase	USD	1,870	1,700	2,200	2,000
BB	Hedge/Member	Mnth48	Increase	USD	1,700	1,700	2,000	2,000
BB	Spec	Mnth49	Increase	USD	1,870	1,700	2,200	2,000
BB	Hedge/Member	Mnth49	Increase	USD	1,700	1,700	2,000	2,000
BB	Spec	Mnth50	Increase	USD	1,870	1,700	2,200	2,000
BB	Hedge/Member	Mnth50	Increase	USD	1,700	1,700	2,000	2,000
BB	Spec	Mnth51	Increase	USD	1,870	1,700	2,200	2,000
BB	Hedge/Member	Mnth51	Increase	USD	1,700	1,700	2,000	2,000
BB	Spec	Mnth52	Increase	USD	1,870	1,700	2,200	2,000
BB	Hedge/Member	Mnth52	Increase	USD	1,700	1,700	2,000	2,000
BB	Spec	Mnth53	Increase	USD	1,870	1,700	2,200	2,000
BB	Hedge/Member	Mnth53	Increase	USD	1,700	1,700	2,000	2,000
BB	Spec	Mnth54	Increase	USD	1,870	1,700	2,200	2,000
BB	Hedge/Member	Mnth54	Increase	USD	1,700	1,700	2,000	2,000
BB	Spec	Mnth55	Increase	USD	1,870	1,700	2,200	2,000
BB	Hedge/Member	Mnth55	Increase	USD	1,700	1,700	2,000	2,000
BB	Spec	Mnth56	Increase	USD	1,870	1,700	2,200	2,000
BB	Hedge/Member	Mnth56	Increase	USD	1,700	1,700	2,000	2,000
BB	Spec	Mnth57	Increase	USD	1,870	1,700	2,200	2,000
BB	Hedge/Member	Mnth57	Increase	USD	1,700	1,700	2,000	2,000
BB	Spec	Mnth58	Increase	USD	1,870	1,700	2,200	2,000
BB	Hedge/Member	Mnth58	Increase	USD	1,700	1,700	2,000	2,000
BB	Spec	Mnth59	Increase	USD	1,870	1,700	2,200	2,000
BB	Hedge/Member	Mnth59	Increase	USD	1,700	1,700	2,000	2,000
BB	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
Outright Rates								
BB	Hedge/Member	Mnth60	Increase	USD	1,700	1,700	2,000	2,000
BB	Spec	Mnth61	Increase	USD	1,870	1,700	2,200	2,000
BB	Hedge/Member	Mnth61	Increase	USD	1,700	1,700	2,000	2,000
BB	Spec	Mnth62	Increase	USD	1,870	1,700	2,200	2,000
BB	Hedge/Member	Mnth62	Increase	USD	1,700	1,700	2,000	2,000
BB	Spec	Mnth63	Increase	USD	1,870	1,700	2,200	2,000
BB	Hedge/Member	Mnth63	Increase	USD	1,700	1,700	2,000	2,000
BB	Spec	Mnth64	Increase	USD	1,870	1,700	2,200	2,000
BB	Hedge/Member	Mnth64	Increase	USD	1,700	1,700	2,000	2,000
BB	Spec	Mnth65+	Increase	USD	1,870	1,700	2,200	2,000
BB	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
Outright Rates								
BRENT FINANCIAL FUTURES (CY)								
CY	Spec	Mnth1	Increase	USD	3,410	3,100	3,740	3,400
CY	Hedge/Member	Mnth1	Increase	USD	3,100	3,100	3,400	3,400
CY	Spec	Mnth2	Increase	USD	3,300	3,000	3,630	3,300
CY	Hedge/Member	Mnth2	Increase	USD	3,000	3,000	3,300	3,300
CY	Spec	Mnth3	Increase	USD	3,300	3,000	3,630	3,300
CY	Hedge/Member	Mnth3	Increase	USD	3,000	3,000	3,300	3,300
CY	Spec	Mnth4	Increase	USD	3,190	2,900	3,520	3,200
CY	Hedge/Member	Mnth4	Increase	USD	2,900	2,900	3,200	3,200
CY	Spec	Mnth5	Increase	USD	3,080	2,800	3,410	3,100
CY	Hedge/Member	Mnth5	Increase	USD	2,800	2,800	3,100	3,100
CY	Spec	Mnth6	Increase	USD	2,970	2,700	3,300	3,000
CY	Hedge/Member	Mnth6	Increase	USD	2,700	2,700	3,000	3,000
CY	Spec	Mnth7	Increase	USD	2,860	2,600	3,190	2,900
CY	Hedge/Member	Mnth7	Increase	USD	2,600	2,600	2,900	2,900
CY	Spec	Mnth8	Increase	USD	2,750	2,500	3,080	2,800
CY	Hedge/Member	Mnth8	Increase	USD	2,500	2,500	2,800	2,800
CY	Spec	Mnth9	Increase	USD	2,640	2,400	2,970	2,700
CY	Hedge/Member	Mnth9	Increase	USD	2,400	2,400	2,700	2,700
CY	Spec	Mnth10	Increase	USD	2,530	2,300	2,860	2,600
CY	Hedge/Member	Mnth10	Increase	USD	2,300	2,300	2,600	2,600
CY	Spec	Mnth11	Increase	USD	2,420	2,200	2,750	2,500
CY	Hedge/Member	Mnth11	Increase	USD	2,200	2,200	2,500	2,500
CY	Spec	Mnth12	Increase	USD	2,310	2,100	2,640	2,400
CY	Hedge/Member	Mnth12	Increase	USD	2,100	2,100	2,400	2,400
CY	Spec	Mnth13	Increase	USD	2,200	2,000	2,530	2,300
CY	Hedge/Member	Mnth13	Increase	USD	2,000	2,000	2,300	2,300
CY	Spec	Mnth14	Increase	USD	2,145	1,950	2,475	2,250
CY	Hedge/Member	Mnth14	Increase	USD	1,950	1,950	2,250	2,250
CY	Spec	Mnth15	Increase	USD	2,145	1,950	2,475	2,250
CY	Hedge/Member	Mnth15	Increase	USD	1,950	1,950	2,250	2,250
CY	Spec	Mnth16	Increase	USD	2,145	1,950	2,475	2,250
CY	Hedge/Member	Mnth16	Increase	USD	1,950	1,950	2,250	2,250
CY	Spec	Mnth17	Increase	USD	2,090	1,900	2,420	2,200
CY	Hedge/Member	Mnth17	Increase	USD	1,900	1,900	2,200	2,200
CY	Spec	Mnth18	Increase	USD	2,090	1,900	2,420	2,200
CY	Hedge/Member	Mnth18	Increase	USD	1,900	1,900	2,200	2,200
CY	Spec	Mnth19	Increase	USD	2,090	1,900	2,420	2,200
CY	Hedge/Member	Mnth19	Increase	USD	1,900	1,900	2,200	2,200
CY	Spec	Mnth20	Increase	USD	2,090	1,900	2,420	2,200

SPAN MINIMUM PERFORMANCE BOND REQUIREMENTS

CC	Rate Type	Description	Change	ISO	Current Initial	Current Maintenance	New Initial	New Maintenance
Outright Rates								
CY	Hedge/Member	Mnth20	Increase	USD	1,900	1,900	2,200	2,200
CY	Spec	Mnth21	Increase	USD	2,090	1,900	2,420	2,200
CY	Hedge/Member	Mnth21	Increase	USD	1,900	1,900	2,200	2,200
CY	Spec	Mnth22	Increase	USD	2,035	1,850	2,365	2,150
CY	Hedge/Member	Mnth22	Increase	USD	1,850	1,850	2,150	2,150
CY	Spec	Mnth23	Increase	USD	2,035	1,850	2,365	2,150
CY	Hedge/Member	Mnth23	Increase	USD	1,850	1,850	2,150	2,150
CY	Spec	Mnth24	Increase	USD	2,035	1,850	2,365	2,150
CY	Hedge/Member	Mnth24	Increase	USD	1,850	1,850	2,150	2,150
CY	Spec	Mnth25	Increase	USD	2,035	1,850	2,365	2,150
CY	Hedge/Member	Mnth25	Increase	USD	1,850	1,850	2,150	2,150
CY	Spec	Mnth26	Increase	USD	2,035	1,850	2,365	2,150
CY	Hedge/Member	Mnth26	Increase	USD	1,850	1,850	2,150	2,150
CY	Spec	Mnth27	Increase	USD	2,035	1,850	2,365	2,150
CY	Hedge/Member	Mnth27	Increase	USD	1,850	1,850	2,150	2,150
CY	Spec	Mnth28	Increase	USD	1,980	1,800	2,310	2,100
CY	Hedge/Member	Mnth28	Increase	USD	1,800	1,800	2,100	2,100
CY	Spec	Mnth29	Increase	USD	1,980	1,800	2,310	2,100
CY	Hedge/Member	Mnth29	Increase	USD	1,800	1,800	2,100	2,100
CY	Spec	Mnth30	Increase	USD	1,980	1,800	2,310	2,100
CY	Hedge/Member	Mnth30	Increase	USD	1,800	1,800	2,100	2,100
CY	Spec	Mnth31	Increase	USD	1,980	1,800	2,310	2,100
CY	Hedge/Member	Mnth31	Increase	USD	1,800	1,800	2,100	2,100
CY	Spec	Mnth32	Increase	USD	1,980	1,800	2,310	2,100
CY	Hedge/Member	Mnth32	Increase	USD	1,800	1,800	2,100	2,100
CY	Spec	Mnth33	Increase	USD	1,980	1,800	2,310	2,100
CY	Hedge/Member	Mnth33	Increase	USD	1,800	1,800	2,100	2,100
CY	Spec	Mnth34	Increase	USD	1,980	1,800	2,310	2,100
CY	Hedge/Member	Mnth34	Increase	USD	1,800	1,800	2,100	2,100
CY	Spec	Mnth35	Increase	USD	1,925	1,750	2,255	2,050
CY	Hedge/Member	Mnth35	Increase	USD	1,750	1,750	2,050	2,050
CY	Spec	Mnth36	Increase	USD	1,925	1,750	2,255	2,050
CY	Hedge/Member	Mnth36	Increase	USD	1,750	1,750	2,050	2,050
CY	Spec	Mnth37	Increase	USD	1,925	1,750	2,255	2,050
CY	Hedge/Member	Mnth37	Increase	USD	1,750	1,750	2,050	2,050
CY	Spec	Mnth38	Increase	USD	1,925	1,750	2,255	2,050
CY	Hedge/Member	Mnth38	Increase	USD	1,750	1,750	2,050	2,050
CY	Spec	Mnth39	Increase	USD	1,925	1,750	2,255	2,050
CY	Hedge/Member	Mnth39	Increase	USD	1,750	1,750	2,050	2,050
CY	Spec	Mnth40	Increase	USD	1,925	1,750	2,255	2,050

SPAN MINIMUM PERFORMANCE BOND REQUIREMENTS

CC	Rate Type	Description	Change	ISO	Current Initial	Current Maintenance	New Initial	New Maintenance
Outright Rates								
CY	Hedge/Member	Mnth40	Increase	USD	1,750	1,750	2,050	2,050
CY	Spec	Mnth41	Increase	USD	1,925	1,750	2,255	2,050
CY	Hedge/Member	Mnth41	Increase	USD	1,750	1,750	2,050	2,050
CY	Spec	Mnth42	Increase	USD	1,870	1,700	2,200	2,000
CY	Hedge/Member	Mnth42	Increase	USD	1,700	1,700	2,000	2,000
CY	Spec	Mnth43	Increase	USD	1,870	1,700	2,200	2,000
CY	Hedge/Member	Mnth43	Increase	USD	1,700	1,700	2,000	2,000
CY	Spec	Mnth44	Increase	USD	1,870	1,700	2,200	2,000
CY	Hedge/Member	Mnth44	Increase	USD	1,700	1,700	2,000	2,000
CY	Spec	Mnth45	Increase	USD	1,870	1,700	2,200	2,000
CY	Hedge/Member	Mnth45	Increase	USD	1,700	1,700	2,000	2,000
CY	Spec	Mnth46	Increase	USD	1,870	1,700	2,200	2,000
CY	Hedge/Member	Mnth46	Increase	USD	1,700	1,700	2,000	2,000
CY	Spec	Mnth47	Increase	USD	1,870	1,700	2,200	2,000
CY	Hedge/Member	Mnth47	Increase	USD	1,700	1,700	2,000	2,000
CY	Spec	Mnth48	Increase	USD	1,870	1,700	2,200	2,000
CY	Hedge/Member	Mnth48	Increase	USD	1,700	1,700	2,000	2,000
CY	Spec	Mnth49	Increase	USD	1,870	1,700	2,200	2,000
CY	Hedge/Member	Mnth49	Increase	USD	1,700	1,700	2,000	2,000
CY	Spec	Mnth50	Increase	USD	1,870	1,700	2,200	2,000
CY	Hedge/Member	Mnth50	Increase	USD	1,700	1,700	2,000	2,000
CY	Spec	Mnth51	Increase	USD	1,870	1,700	2,200	2,000
CY	Hedge/Member	Mnth51	Increase	USD	1,700	1,700	2,000	2,000
CY	Spec	Mnth52	Increase	USD	1,870	1,700	2,200	2,000
CY	Hedge/Member	Mnth52	Increase	USD	1,700	1,700	2,000	2,000
CY	Spec	Mnth53	Increase	USD	1,870	1,700	2,200	2,000
CY	Hedge/Member	Mnth53	Increase	USD	1,700	1,700	2,000	2,000
CY	Spec	Mnth54	Increase	USD	1,870	1,700	2,200	2,000
CY	Hedge/Member	Mnth54	Increase	USD	1,700	1,700	2,000	2,000
CY	Spec	Mnth55	Increase	USD	1,870	1,700	2,200	2,000
CY	Hedge/Member	Mnth55	Increase	USD	1,700	1,700	2,000	2,000
CY	Spec	Mnth56	Increase	USD	1,870	1,700	2,200	2,000
CY	Hedge/Member	Mnth56	Increase	USD	1,700	1,700	2,000	2,000
CY	Spec	Mnth57	Increase	USD	1,870	1,700	2,200	2,000
CY	Hedge/Member	Mnth57	Increase	USD	1,700	1,700	2,000	2,000
CY	Spec	Mnth58	Increase	USD	1,870	1,700	2,200	2,000
CY	Hedge/Member	Mnth58	Increase	USD	1,700	1,700	2,000	2,000
CY	Spec	Mnth59	Increase	USD	1,870	1,700	2,200	2,000
CY	Hedge/Member	Mnth59	Increase	USD	1,700	1,700	2,000	2,000
CY	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
Outright Rates								
CY	Hedge/Member	Mnth60	Increase	USD	1,700	1,700	2,000	2,000
CY	Spec	Mnth61	Increase	USD	1,870	1,700	2,200	2,000
CY	Hedge/Member	Mnth61	Increase	USD	1,700	1,700	2,000	2,000
CY	Spec	Mnth62	Increase	USD	1,870	1,700	2,200	2,000
CY	Hedge/Member	Mnth62	Increase	USD	1,700	1,700	2,000	2,000
CY	Spec	Mnth63	Increase	USD	1,870	1,700	2,200	2,000
CY	Hedge/Member	Mnth63	Increase	USD	1,700	1,700	2,000	2,000
CY	Spec	Mnth64	Increase	USD	1,870	1,700	2,200	2,000
CY	Hedge/Member	Mnth64	Increase	USD	1,700	1,700	2,000	2,000
CY	Spec	Mnth65+	Increase	USD	1,870	1,700	2,200	2,000
CY	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
Outright Rates								
BRENT LAST DAY CONTRACT (BZ)								
BZ	Spec	Mnth1	Increase	USD	3,410	3,100	3,740	3,400
BZ	Hedge/Member	Mnth1	Increase	USD	3,100	3,100	3,400	3,400
BZ	Spec	Mnth2	Increase	USD	3,300	3,000	3,630	3,300
BZ	Hedge/Member	Mnth2	Increase	USD	3,000	3,000	3,300	3,300
BZ	Spec	Mnth3	Increase	USD	3,300	3,000	3,630	3,300
BZ	Hedge/Member	Mnth3	Increase	USD	3,000	3,000	3,300	3,300
BZ	Spec	Mnth4	Increase	USD	3,190	2,900	3,520	3,200
BZ	Hedge/Member	Mnth4	Increase	USD	2,900	2,900	3,200	3,200
BZ	Spec	Mnth5	Increase	USD	3,080	2,800	3,410	3,100
BZ	Hedge/Member	Mnth5	Increase	USD	2,800	2,800	3,100	3,100
BZ	Spec	Mnth6	Increase	USD	2,970	2,700	3,300	3,000
BZ	Hedge/Member	Mnth6	Increase	USD	2,700	2,700	3,000	3,000
BZ	Spec	Mnth7	Increase	USD	2,860	2,600	3,190	2,900
BZ	Hedge/Member	Mnth7	Increase	USD	2,600	2,600	2,900	2,900
BZ	Spec	Mnth8	Increase	USD	2,750	2,500	3,080	2,800
BZ	Hedge/Member	Mnth8	Increase	USD	2,500	2,500	2,800	2,800
BZ	Spec	Mnth9	Increase	USD	2,640	2,400	2,970	2,700
BZ	Hedge/Member	Mnth9	Increase	USD	2,400	2,400	2,700	2,700
BZ	Spec	Mnth10	Increase	USD	2,530	2,300	2,860	2,600
BZ	Hedge/Member	Mnth10	Increase	USD	2,300	2,300	2,600	2,600
BZ	Spec	Mnth11	Increase	USD	2,420	2,200	2,750	2,500
BZ	Hedge/Member	Mnth11	Increase	USD	2,200	2,200	2,500	2,500
BZ	Spec	Mnth12	Increase	USD	2,310	2,100	2,640	2,400
BZ	Hedge/Member	Mnth12	Increase	USD	2,100	2,100	2,400	2,400
BZ	Spec	Mnth13	Increase	USD	2,200	2,000	2,530	2,300
BZ	Hedge/Member	Mnth13	Increase	USD	2,000	2,000	2,300	2,300
BZ	Spec	Mnth14	Increase	USD	2,145	1,950	2,475	2,250
BZ	Hedge/Member	Mnth14	Increase	USD	1,950	1,950	2,250	2,250
BZ	Spec	Mnth15	Increase	USD	2,145	1,950	2,475	2,250
BZ	Hedge/Member	Mnth15	Increase	USD	1,950	1,950	2,250	2,250
BZ	Spec	Mnth16	Increase	USD	2,145	1,950	2,475	2,250
BZ	Hedge/Member	Mnth16	Increase	USD	1,950	1,950	2,250	2,250
BZ	Spec	Mnth17	Increase	USD	2,090	1,900	2,420	2,200
BZ	Hedge/Member	Mnth17	Increase	USD	1,900	1,900	2,200	2,200
BZ	Spec	Mnth18	Increase	USD	2,090	1,900	2,420	2,200
BZ	Hedge/Member	Mnth18	Increase	USD	1,900	1,900	2,200	2,200
BZ	Spec	Mnth19	Increase	USD	2,090	1,900	2,420	2,200
BZ	Hedge/Member	Mnth19	Increase	USD	1,900	1,900	2,200	2,200
BZ	Spec	Mnth20	Increase	USD	2,090	1,900	2,420	2,200

SPAN MINIMUM PERFORMANCE BOND REQUIREMENTS

CC	Rate Type	Description	Change	ISO	Current Initial	Current Maintenance	New Initial	New Maintenance
Outright Rates								
BZ	Hedge/Member	Mnth20	Increase	USD	1,900	1,900	2,200	2,200
BZ	Spec	Mnth21	Increase	USD	2,090	1,900	2,420	2,200
BZ	Hedge/Member	Mnth21	Increase	USD	1,900	1,900	2,200	2,200
BZ	Spec	Mnth22	Increase	USD	2,035	1,850	2,365	2,150
BZ	Hedge/Member	Mnth22	Increase	USD	1,850	1,850	2,150	2,150
BZ	Spec	Mnth23	Increase	USD	2,035	1,850	2,365	2,150
BZ	Hedge/Member	Mnth23	Increase	USD	1,850	1,850	2,150	2,150
BZ	Spec	Mnth24	Increase	USD	2,035	1,850	2,365	2,150
BZ	Hedge/Member	Mnth24	Increase	USD	1,850	1,850	2,150	2,150
BZ	Spec	Mnth25	Increase	USD	2,035	1,850	2,365	2,150
BZ	Hedge/Member	Mnth25	Increase	USD	1,850	1,850	2,150	2,150
BZ	Spec	Mnth26	Increase	USD	2,035	1,850	2,365	2,150
BZ	Hedge/Member	Mnth26	Increase	USD	1,850	1,850	2,150	2,150
BZ	Spec	Mnth27	Increase	USD	2,035	1,850	2,365	2,150
BZ	Hedge/Member	Mnth27	Increase	USD	1,850	1,850	2,150	2,150
BZ	Spec	Mnth28	Increase	USD	1,980	1,800	2,310	2,100
BZ	Hedge/Member	Mnth28	Increase	USD	1,800	1,800	2,100	2,100
BZ	Spec	Mnth29	Increase	USD	1,980	1,800	2,310	2,100
BZ	Hedge/Member	Mnth29	Increase	USD	1,800	1,800	2,100	2,100
BZ	Spec	Mnth30	Increase	USD	1,980	1,800	2,310	2,100
BZ	Hedge/Member	Mnth30	Increase	USD	1,800	1,800	2,100	2,100
BZ	Spec	Mnth31	Increase	USD	1,980	1,800	2,310	2,100
BZ	Hedge/Member	Mnth31	Increase	USD	1,800	1,800	2,100	2,100
BZ	Spec	Mnth32	Increase	USD	1,980	1,800	2,310	2,100
BZ	Hedge/Member	Mnth32	Increase	USD	1,800	1,800	2,100	2,100
BZ	Spec	Mnth33	Increase	USD	1,980	1,800	2,310	2,100
BZ	Hedge/Member	Mnth33	Increase	USD	1,800	1,800	2,100	2,100
BZ	Spec	Mnth34	Increase	USD	1,980	1,800	2,310	2,100
BZ	Hedge/Member	Mnth34	Increase	USD	1,800	1,800	2,100	2,100
BZ	Spec	Mnth35	Increase	USD	1,925	1,750	2,255	2,050
BZ	Hedge/Member	Mnth35	Increase	USD	1,750	1,750	2,050	2,050
BZ	Spec	Mnth36	Increase	USD	1,925	1,750	2,255	2,050
BZ	Hedge/Member	Mnth36	Increase	USD	1,750	1,750	2,050	2,050
BZ	Spec	Mnth37	Increase	USD	1,925	1,750	2,255	2,050
BZ	Hedge/Member	Mnth37	Increase	USD	1,750	1,750	2,050	2,050
BZ	Spec	Mnth38	Increase	USD	1,925	1,750	2,255	2,050
BZ	Hedge/Member	Mnth38	Increase	USD	1,750	1,750	2,050	2,050
BZ	Spec	Mnth39	Increase	USD	1,925	1,750	2,255	2,050
BZ	Hedge/Member	Mnth39	Increase	USD	1,750	1,750	2,050	2,050
BZ	Spec	Mnth40	Increase	USD	1,925	1,750	2,255	2,050

SPAN MINIMUM PERFORMANCE BOND REQUIREMENTS

CC	Rate Type	Description	Change	ISO	Current Initial	Current Maintenance	New Initial	New Maintenance
Outright Rates								
BZ	Hedge/Member	Mnth40	Increase	USD	1,750	1,750	2,050	2,050
BZ	Spec	Mnth41	Increase	USD	1,925	1,750	2,255	2,050
BZ	Hedge/Member	Mnth41	Increase	USD	1,750	1,750	2,050	2,050
BZ	Spec	Mnth42	Increase	USD	1,870	1,700	2,200	2,000
BZ	Hedge/Member	Mnth42	Increase	USD	1,700	1,700	2,000	2,000
BZ	Spec	Mnth43	Increase	USD	1,870	1,700	2,200	2,000
BZ	Hedge/Member	Mnth43	Increase	USD	1,700	1,700	2,000	2,000
BZ	Spec	Mnth44	Increase	USD	1,870	1,700	2,200	2,000
BZ	Hedge/Member	Mnth44	Increase	USD	1,700	1,700	2,000	2,000
BZ	Spec	Mnth45	Increase	USD	1,870	1,700	2,200	2,000
BZ	Hedge/Member	Mnth45	Increase	USD	1,700	1,700	2,000	2,000
BZ	Spec	Mnth46	Increase	USD	1,870	1,700	2,200	2,000
BZ	Hedge/Member	Mnth46	Increase	USD	1,700	1,700	2,000	2,000
BZ	Spec	Mnth47	Increase	USD	1,870	1,700	2,200	2,000
BZ	Hedge/Member	Mnth47	Increase	USD	1,700	1,700	2,000	2,000
BZ	Spec	Mnth48	Increase	USD	1,870	1,700	2,200	2,000
BZ	Hedge/Member	Mnth48	Increase	USD	1,700	1,700	2,000	2,000
BZ	Spec	Mnth49	Increase	USD	1,870	1,700	2,200	2,000
BZ	Hedge/Member	Mnth49	Increase	USD	1,700	1,700	2,000	2,000
BZ	Spec	Mnth50	Increase	USD	1,870	1,700	2,200	2,000
BZ	Hedge/Member	Mnth50	Increase	USD	1,700	1,700	2,000	2,000
BZ	Spec	Mnth51	Increase	USD	1,870	1,700	2,200	2,000
BZ	Hedge/Member	Mnth51	Increase	USD	1,700	1,700	2,000	2,000
BZ	Spec	Mnth52	Increase	USD	1,870	1,700	2,200	2,000
BZ	Hedge/Member	Mnth52	Increase	USD	1,700	1,700	2,000	2,000
BZ	Spec	Mnth53	Increase	USD	1,870	1,700	2,200	2,000
BZ	Hedge/Member	Mnth53	Increase	USD	1,700	1,700	2,000	2,000
BZ	Spec	Mnth54	Increase	USD	1,870	1,700	2,200	2,000
BZ	Hedge/Member	Mnth54	Increase	USD	1,700	1,700	2,000	2,000
BZ	Spec	Mnth55	Increase	USD	1,870	1,700	2,200	2,000
BZ	Hedge/Member	Mnth55	Increase	USD	1,700	1,700	2,000	2,000
BZ	Spec	Mnth56	Increase	USD	1,870	1,700	2,200	2,000
BZ	Hedge/Member	Mnth56	Increase	USD	1,700	1,700	2,000	2,000
BZ	Spec	Mnth57	Increase	USD	1,870	1,700	2,200	2,000
BZ	Hedge/Member	Mnth57	Increase	USD	1,700	1,700	2,000	2,000
BZ	Spec	Mnth58	Increase	USD	1,870	1,700	2,200	2,000
BZ	Hedge/Member	Mnth58	Increase	USD	1,700	1,700	2,000	2,000
BZ	Spec	Mnth59	Increase	USD	1,870	1,700	2,200	2,000
BZ	Hedge/Member	Mnth59	Increase	USD	1,700	1,700	2,000	2,000
BZ	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
Outright Rates								
BZ	Hedge/Member	Mnth60	Increase	USD	1,700	1,700	2,000	2,000
BZ	Spec	Mnth61	Increase	USD	1,870	1,700	2,200	2,000
BZ	Hedge/Member	Mnth61	Increase	USD	1,700	1,700	2,000	2,000
BZ	Spec	Mnth62	Increase	USD	1,870	1,700	2,200	2,000
BZ	Hedge/Member	Mnth62	Increase	USD	1,700	1,700	2,000	2,000
BZ	Spec	Mnth63	Increase	USD	1,870	1,700	2,200	2,000
BZ	Hedge/Member	Mnth63	Increase	USD	1,700	1,700	2,000	2,000
BZ	Spec	Mnth64	Increase	USD	1,870	1,700	2,200	2,000
BZ	Hedge/Member	Mnth64	Increase	USD	1,700	1,700	2,000	2,000
BZ	Spec	Mnth65+	Increase	USD	1,870	1,700	2,200	2,000
BZ	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
Outright Rates								
BRENT LAST DAYTRADE AT SETTLEMENT (BZT)								
BZT	Spec	Mnth1	Increase	USD	3,410	3,100	3,740	3,400
BZT	Hedge/Member	Mnth1	Increase	USD	3,100	3,100	3,400	3,400
BZT	Spec	Mnth2	Increase	USD	3,300	3,000	3,630	3,300
BZT	Hedge/Member	Mnth2	Increase	USD	3,000	3,000	3,300	3,300
BZT	Spec	Mnth3	Increase	USD	3,300	3,000	3,630	3,300
BZT	Hedge/Member	Mnth3	Increase	USD	3,000	3,000	3,300	3,300
BZT	Spec	Mnth4	Increase	USD	3,190	2,900	3,520	3,200
BZT	Hedge/Member	Mnth4	Increase	USD	2,900	2,900	3,200	3,200
BZT	Spec	Mnth5	Increase	USD	3,080	2,800	3,410	3,100
BZT	Hedge/Member	Mnth5	Increase	USD	2,800	2,800	3,100	3,100
BZT	Spec	Mnth6	Increase	USD	2,970	2,700	3,300	3,000
BZT	Hedge/Member	Mnth6	Increase	USD	2,700	2,700	3,000	3,000
BZT	Spec	Mnth7	Increase	USD	2,860	2,600	3,190	2,900
BZT	Hedge/Member	Mnth7	Increase	USD	2,600	2,600	2,900	2,900
BZT	Spec	Mnth8	Increase	USD	2,750	2,500	3,080	2,800
BZT	Hedge/Member	Mnth8	Increase	USD	2,500	2,500	2,800	2,800
BZT	Spec	Mnth9	Increase	USD	2,640	2,400	2,970	2,700
BZT	Hedge/Member	Mnth9	Increase	USD	2,400	2,400	2,700	2,700
BZT	Spec	Mnth10	Increase	USD	2,530	2,300	2,860	2,600
BZT	Hedge/Member	Mnth10	Increase	USD	2,300	2,300	2,600	2,600
BZT	Spec	Mnth11	Increase	USD	2,420	2,200	2,750	2,500
BZT	Hedge/Member	Mnth11	Increase	USD	2,200	2,200	2,500	2,500
BZT	Spec	Mnth12	Increase	USD	2,310	2,100	2,640	2,400
BZT	Hedge/Member	Mnth12	Increase	USD	2,100	2,100	2,400	2,400
BZT	Spec	Mnth13	Increase	USD	2,200	2,000	2,530	2,300
BZT	Hedge/Member	Mnth13	Increase	USD	2,000	2,000	2,300	2,300
BZT	Spec	Mnth14	Increase	USD	2,145	1,950	2,475	2,250
BZT	Hedge/Member	Mnth14	Increase	USD	1,950	1,950	2,250	2,250
BZT	Spec	Mnth15	Increase	USD	2,145	1,950	2,475	2,250
BZT	Hedge/Member	Mnth15	Increase	USD	1,950	1,950	2,250	2,250
BZT	Spec	Mnth16	Increase	USD	2,145	1,950	2,475	2,250
BZT	Hedge/Member	Mnth16	Increase	USD	1,950	1,950	2,250	2,250
BZT	Spec	Mnth17	Increase	USD	2,090	1,900	2,420	2,200
BZT	Hedge/Member	Mnth17	Increase	USD	1,900	1,900	2,200	2,200
BZT	Spec	Mnth18	Increase	USD	2,090	1,900	2,420	2,200
BZT	Hedge/Member	Mnth18	Increase	USD	1,900	1,900	2,200	2,200
BZT	Spec	Mnth19	Increase	USD	2,090	1,900	2,420	2,200
BZT	Hedge/Member	Mnth19	Increase	USD	1,900	1,900	2,200	2,200
BZT	Spec	Mnth20	Increase	USD	2,090	1,900	2,420	2,200

SPAN MINIMUM PERFORMANCE BOND REQUIREMENTS

CC	Rate Type	Description	Change	ISO	Current Initial	Current Maintenance	New Initial	New Maintenance
Outright Rates								
BZT	Hedge/Member	Mnth20	Increase	USD	1,900	1,900	2,200	2,200
BZT	Spec	Mnth21	Increase	USD	2,090	1,900	2,420	2,200
BZT	Hedge/Member	Mnth21	Increase	USD	1,900	1,900	2,200	2,200
BZT	Spec	Mnth22	Increase	USD	2,035	1,850	2,365	2,150
BZT	Hedge/Member	Mnth22	Increase	USD	1,850	1,850	2,150	2,150
BZT	Spec	Mnth23	Increase	USD	2,035	1,850	2,365	2,150
BZT	Hedge/Member	Mnth23	Increase	USD	1,850	1,850	2,150	2,150
BZT	Spec	Mnth24	Increase	USD	2,035	1,850	2,365	2,150
BZT	Hedge/Member	Mnth24	Increase	USD	1,850	1,850	2,150	2,150
BZT	Spec	Mnth25	Increase	USD	2,035	1,850	2,365	2,150
BZT	Hedge/Member	Mnth25	Increase	USD	1,850	1,850	2,150	2,150
BZT	Spec	Mnth26	Increase	USD	2,035	1,850	2,365	2,150
BZT	Hedge/Member	Mnth26	Increase	USD	1,850	1,850	2,150	2,150
BZT	Spec	Mnth27	Increase	USD	2,035	1,850	2,365	2,150
BZT	Hedge/Member	Mnth27	Increase	USD	1,850	1,850	2,150	2,150
BZT	Spec	Mnth28	Increase	USD	1,980	1,800	2,310	2,100
BZT	Hedge/Member	Mnth28	Increase	USD	1,800	1,800	2,100	2,100
BZT	Spec	Mnth29	Increase	USD	1,980	1,800	2,310	2,100
BZT	Hedge/Member	Mnth29	Increase	USD	1,800	1,800	2,100	2,100
BZT	Spec	Mnth30	Increase	USD	1,980	1,800	2,310	2,100
BZT	Hedge/Member	Mnth30	Increase	USD	1,800	1,800	2,100	2,100
BZT	Spec	Mnth31	Increase	USD	1,980	1,800	2,310	2,100
BZT	Hedge/Member	Mnth31	Increase	USD	1,800	1,800	2,100	2,100
BZT	Spec	Mnth32	Increase	USD	1,980	1,800	2,310	2,100
BZT	Hedge/Member	Mnth32	Increase	USD	1,800	1,800	2,100	2,100
BZT	Spec	Mnth33	Increase	USD	1,980	1,800	2,310	2,100
BZT	Hedge/Member	Mnth33	Increase	USD	1,800	1,800	2,100	2,100
BZT	Spec	Mnth34	Increase	USD	1,980	1,800	2,310	2,100
BZT	Hedge/Member	Mnth34	Increase	USD	1,800	1,800	2,100	2,100
BZT	Spec	Mnth35	Increase	USD	1,925	1,750	2,255	2,050
BZT	Hedge/Member	Mnth35	Increase	USD	1,750	1,750	2,050	2,050
BZT	Spec	Mnth36	Increase	USD	1,925	1,750	2,255	2,050
BZT	Hedge/Member	Mnth36	Increase	USD	1,750	1,750	2,050	2,050
BZT	Spec	Mnth37	Increase	USD	1,925	1,750	2,255	2,050
BZT	Hedge/Member	Mnth37	Increase	USD	1,750	1,750	2,050	2,050
BZT	Spec	Mnth38	Increase	USD	1,925	1,750	2,255	2,050
BZT	Hedge/Member	Mnth38	Increase	USD	1,750	1,750	2,050	2,050
BZT	Spec	Mnth39	Increase	USD	1,925	1,750	2,255	2,050
BZT	Hedge/Member	Mnth39	Increase	USD	1,750	1,750	2,050	2,050
BZT	Spec	Mnth40	Increase	USD	1,925	1,750	2,255	2,050

SPAN MINIMUM PERFORMANCE BOND REQUIREMENTS

CC	Rate Type	Description	Change	ISO	Current Initial	Current Maintenance	New Initial	New Maintenance
Outright Rates								
BZT	Hedge/Member	Mnth40	Increase	USD	1,750	1,750	2,050	2,050
BZT	Spec	Mnth41	Increase	USD	1,925	1,750	2,255	2,050
BZT	Hedge/Member	Mnth41	Increase	USD	1,750	1,750	2,050	2,050
BZT	Spec	Mnth42	Increase	USD	1,870	1,700	2,200	2,000
BZT	Hedge/Member	Mnth42	Increase	USD	1,700	1,700	2,000	2,000
BZT	Spec	Mnth43	Increase	USD	1,870	1,700	2,200	2,000
BZT	Hedge/Member	Mnth43	Increase	USD	1,700	1,700	2,000	2,000
BZT	Spec	Mnth44	Increase	USD	1,870	1,700	2,200	2,000
BZT	Hedge/Member	Mnth44	Increase	USD	1,700	1,700	2,000	2,000
BZT	Spec	Mnth45	Increase	USD	1,870	1,700	2,200	2,000
BZT	Hedge/Member	Mnth45	Increase	USD	1,700	1,700	2,000	2,000
BZT	Spec	Mnth46	Increase	USD	1,870	1,700	2,200	2,000
BZT	Hedge/Member	Mnth46	Increase	USD	1,700	1,700	2,000	2,000
BZT	Spec	Mnth47	Increase	USD	1,870	1,700	2,200	2,000
BZT	Hedge/Member	Mnth47	Increase	USD	1,700	1,700	2,000	2,000
BZT	Spec	Mnth48	Increase	USD	1,870	1,700	2,200	2,000
BZT	Hedge/Member	Mnth48	Increase	USD	1,700	1,700	2,000	2,000
BZT	Spec	Mnth49	Increase	USD	1,870	1,700	2,200	2,000
BZT	Hedge/Member	Mnth49	Increase	USD	1,700	1,700	2,000	2,000
BZT	Spec	Mnth50	Increase	USD	1,870	1,700	2,200	2,000
BZT	Hedge/Member	Mnth50	Increase	USD	1,700	1,700	2,000	2,000
BZT	Spec	Mnth51	Increase	USD	1,870	1,700	2,200	2,000
BZT	Hedge/Member	Mnth51	Increase	USD	1,700	1,700	2,000	2,000
BZT	Spec	Mnth52	Increase	USD	1,870	1,700	2,200	2,000
BZT	Hedge/Member	Mnth52	Increase	USD	1,700	1,700	2,000	2,000
BZT	Spec	Mnth53	Increase	USD	1,870	1,700	2,200	2,000
BZT	Hedge/Member	Mnth53	Increase	USD	1,700	1,700	2,000	2,000
BZT	Spec	Mnth54	Increase	USD	1,870	1,700	2,200	2,000
BZT	Hedge/Member	Mnth54	Increase	USD	1,700	1,700	2,000	2,000
BZT	Spec	Mnth55	Increase	USD	1,870	1,700	2,200	2,000
BZT	Hedge/Member	Mnth55	Increase	USD	1,700	1,700	2,000	2,000
BZT	Spec	Mnth56	Increase	USD	1,870	1,700	2,200	2,000
BZT	Hedge/Member	Mnth56	Increase	USD	1,700	1,700	2,000	2,000
BZT	Spec	Mnth57	Increase	USD	1,870	1,700	2,200	2,000
BZT	Hedge/Member	Mnth57	Increase	USD	1,700	1,700	2,000	2,000
BZT	Spec	Mnth58	Increase	USD	1,870	1,700	2,200	2,000
BZT	Hedge/Member	Mnth58	Increase	USD	1,700	1,700	2,000	2,000
BZT	Spec	Mnth59	Increase	USD	1,870	1,700	2,200	2,000
BZT	Hedge/Member	Mnth59	Increase	USD	1,700	1,700	2,000	2,000
BZT	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
Outright Rates								
BZT	Hedge/Member	Mnth60	Increase	USD	1,700	1,700	2,000	2,000
BZT	Spec	Mnth61	Increase	USD	1,870	1,700	2,200	2,000
BZT	Hedge/Member	Mnth61	Increase	USD	1,700	1,700	2,000	2,000
BZT	Spec	Mnth62	Increase	USD	1,870	1,700	2,200	2,000
BZT	Hedge/Member	Mnth62	Increase	USD	1,700	1,700	2,000	2,000
BZT	Spec	Mnth63	Increase	USD	1,870	1,700	2,200	2,000
BZT	Hedge/Member	Mnth63	Increase	USD	1,700	1,700	2,000	2,000
BZT	Spec	Mnth64	Increase	USD	1,870	1,700	2,200	2,000
BZT	Hedge/Member	Mnth64	Increase	USD	1,700	1,700	2,000	2,000
BZT	Spec	Mnth65+	Increase	USD	1,870	1,700	2,200	2,000
BZT	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
Outright Rates								
CRUDE OIL LAST DAY FINANCIAL FUT (26)								
26	Spec	Mnth1	Increase	USD	3,245	2,950	3,740	3,400
26	Hedge/Member	Mnth1	Increase	USD	2,950	2,950	3,400	3,400
26	Spec	Mnth2	Increase	USD	3,190	2,900	3,630	3,300
26	Hedge/Member	Mnth2	Increase	USD	2,900	2,900	3,300	3,300
26	Spec	Mnth3	Increase	USD	3,135	2,850	3,520	3,200
26	Hedge/Member	Mnth3	Increase	USD	2,850	2,850	3,200	3,200
26	Spec	Mnth4	Increase	USD	2,970	2,700	3,300	3,000
26	Hedge/Member	Mnth4	Increase	USD	2,700	2,700	3,000	3,000
26	Spec	Mnth5	Increase	USD	2,805	2,550	3,135	2,850
26	Hedge/Member	Mnth5	Increase	USD	2,550	2,550	2,850	2,850
26	Spec	Mnth6	Increase	USD	2,695	2,450	3,025	2,750
26	Hedge/Member	Mnth6	Increase	USD	2,450	2,450	2,750	2,750
26	Spec	Mnth7	Increase	USD	2,585	2,350	2,915	2,650
26	Hedge/Member	Mnth7	Increase	USD	2,350	2,350	2,650	2,650
26	Spec	Mnth8	Increase	USD	2,530	2,300	2,860	2,600
26	Hedge/Member	Mnth8	Increase	USD	2,300	2,300	2,600	2,600
26	Spec	Mnth9	Increase	USD	2,475	2,250	2,805	2,550
26	Hedge/Member	Mnth9	Increase	USD	2,250	2,250	2,550	2,550
26	Spec	Mnth10	Increase	USD	2,420	2,200	2,750	2,500
26	Hedge/Member	Mnth10	Increase	USD	2,200	2,200	2,500	2,500
26	Spec	Mnth11	Increase	USD	2,365	2,150	2,695	2,450
26	Hedge/Member	Mnth11	Increase	USD	2,150	2,150	2,450	2,450
26	Spec	Mnth12	Increase	USD	2,310	2,100	2,640	2,400
26	Hedge/Member	Mnth12	Increase	USD	2,100	2,100	2,400	2,400
26	Spec	Mnth13	Increase	USD	2,310	2,100	2,640	2,400
26	Hedge/Member	Mnth13	Increase	USD	2,100	2,100	2,400	2,400
26	Spec	Mnth14	Increase	USD	2,255	2,050	2,585	2,350
26	Hedge/Member	Mnth14	Increase	USD	2,050	2,050	2,350	2,350
26	Spec	Mnth15	Increase	USD	2,145	1,950	2,475	2,250
26	Hedge/Member	Mnth15	Increase	USD	1,950	1,950	2,250	2,250
26	Spec	Mnth16	Increase	USD	2,090	1,900	2,420	2,200
26	Hedge/Member	Mnth16	Increase	USD	1,900	1,900	2,200	2,200
26	Spec	Mnth17	Increase	USD	2,090	1,900	2,420	2,200
26	Hedge/Member	Mnth17	Increase	USD	1,900	1,900	2,200	2,200
26	Spec	Mnth18	Increase	USD	1,980	1,800	2,310	2,100
26	Hedge/Member	Mnth18	Increase	USD	1,800	1,800	2,100	2,100
26	Spec	Mnth19	Increase	USD	1,980	1,800	2,310	2,100
26	Hedge/Member	Mnth19	Increase	USD	1,800	1,800	2,100	2,100
26	Spec	Mnth20	Increase	USD	1,925	1,750	2,255	2,050

SPAN MINIMUM PERFORMANCE BOND REQUIREMENTS

CC	Rate Type	Description	Change	ISO	Current Initial	Current Maintenance	New Initial	New Maintenance
Outright Rates								
26	Hedge/Member	Mnth20	Increase	USD	1,750	1,750	2,050	2,050
26	Spec	Mnth21	Increase	USD	1,870	1,700	2,200	2,000
26	Hedge/Member	Mnth21	Increase	USD	1,700	1,700	2,000	2,000
26	Spec	Mnth22	Increase	USD	1,870	1,700	2,200	2,000
26	Hedge/Member	Mnth22	Increase	USD	1,700	1,700	2,000	2,000
26	Spec	Mnth23	Increase	USD	1,815	1,650	2,145	1,950
26	Hedge/Member	Mnth23	Increase	USD	1,650	1,650	1,950	1,950
26	Spec	Mnth24	Increase	USD	1,815	1,650	2,145	1,950
26	Hedge/Member	Mnth24	Increase	USD	1,650	1,650	1,950	1,950
26	Spec	Mnth25	Increase	USD	1,815	1,650	2,145	1,950
26	Hedge/Member	Mnth25	Increase	USD	1,650	1,650	1,950	1,950
26	Spec	Mnth26	Increase	USD	1,760	1,600	2,090	1,900
26	Hedge/Member	Mnth26	Increase	USD	1,600	1,600	1,900	1,900
26	Spec	Mnth27	Increase	USD	1,760	1,600	2,090	1,900
26	Hedge/Member	Mnth27	Increase	USD	1,600	1,600	1,900	1,900
26	Spec	Mnth28	Increase	USD	1,760	1,600	2,090	1,900
26	Hedge/Member	Mnth28	Increase	USD	1,600	1,600	1,900	1,900
26	Spec	Mnth29	Increase	USD	1,650	1,500	1,980	1,800
26	Hedge/Member	Mnth29	Increase	USD	1,500	1,500	1,800	1,800
26	Spec	Mnth30	Increase	USD	1,650	1,500	1,980	1,800
26	Hedge/Member	Mnth30	Increase	USD	1,500	1,500	1,800	1,800
26	Spec	Mnth31	Increase	USD	1,650	1,500	1,980	1,800
26	Hedge/Member	Mnth31	Increase	USD	1,500	1,500	1,800	1,800
26	Spec	Mnth32	Increase	USD	1,650	1,500	1,870	1,700
26	Hedge/Member	Mnth32	Increase	USD	1,500	1,500	1,700	1,700
26	Spec	Mnth33	Increase	USD	1,650	1,500	1,870	1,700
26	Hedge/Member	Mnth33	Increase	USD	1,500	1,500	1,700	1,700
26	Spec	Mnth34	Increase	USD	1,650	1,500	1,870	1,700
26	Hedge/Member	Mnth34	Increase	USD	1,500	1,500	1,700	1,700
26	Spec	Mnth35	Increase	USD	1,650	1,500	1,870	1,700
26	Hedge/Member	Mnth35	Increase	USD	1,500	1,500	1,700	1,700
26	Spec	Mnth36	Increase	USD	1,650	1,500	1,870	1,700
26	Hedge/Member	Mnth36	Increase	USD	1,500	1,500	1,700	1,700
26	Spec	Mnth37	Increase	USD	1,650	1,500	1,870	1,700
26	Hedge/Member	Mnth37	Increase	USD	1,500	1,500	1,700	1,700
26	Spec	Mnth38	Increase	USD	1,650	1,500	1,870	1,700
26	Hedge/Member	Mnth38	Increase	USD	1,500	1,500	1,700	1,700
26	Spec	Mnth39	Increase	USD	1,650	1,500	1,870	1,700
26	Hedge/Member	Mnth39	Increase	USD	1,500	1,500	1,700	1,700
26	Spec	Mnth40	Increase	USD	1,650	1,500	1,870	1,700

SPAN MINIMUM PERFORMANCE BOND REQUIREMENTS

CC	Rate Type	Description	Change	ISO	Current Initial	Current Maintenance	New Initial	New Maintenance
Outright Rates								
26	Hedge/Member	Mnth40	Increase	USD	1,500	1,500	1,700	1,700
26	Spec	Mnth41	Increase	USD	1,650	1,500	1,870	1,700
26	Hedge/Member	Mnth41	Increase	USD	1,500	1,500	1,700	1,700
26	Spec	Mnth42	Increase	USD	1,650	1,500	1,870	1,700
26	Hedge/Member	Mnth42	Increase	USD	1,500	1,500	1,700	1,700
26	Spec	Mnth43	Increase	USD	1,650	1,500	1,870	1,700
26	Hedge/Member	Mnth43	Increase	USD	1,500	1,500	1,700	1,700
26	Spec	Mnth44	Increase	USD	1,650	1,500	1,870	1,700
26	Hedge/Member	Mnth44	Increase	USD	1,500	1,500	1,700	1,700
26	Spec	Mnth45	Increase	USD	1,650	1,500	1,870	1,700
26	Hedge/Member	Mnth45	Increase	USD	1,500	1,500	1,700	1,700
26	Spec	Mnth46	Increase	USD	1,650	1,500	1,870	1,700
26	Hedge/Member	Mnth46	Increase	USD	1,500	1,500	1,700	1,700
26	Spec	Mnth47	Increase	USD	1,650	1,500	1,870	1,700
26	Hedge/Member	Mnth47	Increase	USD	1,500	1,500	1,700	1,700
26	Spec	Mnth48	Increase	USD	1,650	1,500	1,870	1,700
26	Hedge/Member	Mnth48	Increase	USD	1,500	1,500	1,700	1,700
26	Spec	Mnth49	Increase	USD	1,650	1,500	1,870	1,700
26	Hedge/Member	Mnth49	Increase	USD	1,500	1,500	1,700	1,700
26	Spec	Mnth50	Increase	USD	1,650	1,500	1,870	1,700
26	Hedge/Member	Mnth50	Increase	USD	1,500	1,500	1,700	1,700
26	Spec	Mnth51	Increase	USD	1,650	1,500	1,870	1,700
26	Hedge/Member	Mnth51	Increase	USD	1,500	1,500	1,700	1,700
26	Spec	Mnth52	Increase	USD	1,650	1,500	1,870	1,700
26	Hedge/Member	Mnth52	Increase	USD	1,500	1,500	1,700	1,700
26	Spec	Mnth53	Increase	USD	1,650	1,500	1,870	1,700
26	Hedge/Member	Mnth53	Increase	USD	1,500	1,500	1,700	1,700
26	Spec	Mnth54	Increase	USD	1,650	1,500	1,870	1,700
26	Hedge/Member	Mnth54	Increase	USD	1,500	1,500	1,700	1,700
26	Spec	Mnth55	Increase	USD	1,650	1,500	1,870	1,700
26	Hedge/Member	Mnth55	Increase	USD	1,500	1,500	1,700	1,700
26	Spec	Mnth56	Increase	USD	1,650	1,500	1,870	1,700
26	Hedge/Member	Mnth56	Increase	USD	1,500	1,500	1,700	1,700
26	Spec	Mnth57	Increase	USD	1,650	1,500	1,870	1,700
26	Hedge/Member	Mnth57	Increase	USD	1,500	1,500	1,700	1,700
26	Spec	Mnth58	Increase	USD	1,650	1,500	1,870	1,700
26	Hedge/Member	Mnth58	Increase	USD	1,500	1,500	1,700	1,700
26	Spec	Mnth59	Increase	USD	1,650	1,500	1,870	1,700
26	Hedge/Member	Mnth59	Increase	USD	1,500	1,500	1,700	1,700
26	Spec	Mnth60	Increase	USD	1,650	1,500	1,870	1,700

SPAN MINIMUM PERFORMANCE BOND REQUIREMENTS

CC	Rate Type	Description	Change	ISO	Current Initial	Current Maintenance	New Initial	New Maintenance
Outright Rates								
26	Hedge/Member	Mnth60	Increase	USD	1,500	1,500	1,700	1,700
26	Spec	Mnth61	Increase	USD	1,650	1,500	1,870	1,700
26	Hedge/Member	Mnth61	Increase	USD	1,500	1,500	1,700	1,700
26	Spec	Mnth62	Increase	USD	1,650	1,500	1,870	1,700
26	Hedge/Member	Mnth62	Increase	USD	1,500	1,500	1,700	1,700
26	Spec	Mnth63	Increase	USD	1,650	1,500	1,870	1,700
26	Hedge/Member	Mnth63	Increase	USD	1,500	1,500	1,700	1,700
26	Spec	Mnth64	Increase	USD	1,650	1,500	1,870	1,700
26	Hedge/Member	Mnth64	Increase	USD	1,500	1,500	1,700	1,700
26	Spec	Mnth65+	Increase	USD	1,650	1,500	1,870	1,700
26	Hedge/Member	Mnth65+	Increase	USD	1,500	1,500	1,700	1,700

SPAN MINIMUM PERFORMANCE BOND REQUIREMENTS

CC	Rate Type	Description	Change	ISO	Current Initial	Current Maintenance	New Initial	New Maintenance
Outright Rates								
CRUDE OIL FINANCIAL FUTURES (WS)								
WS	Spec	Mnth1	Increase	USD	3,245	2,950	3,740	3,400
WS	Hedge/Member	Mnth1	Increase	USD	2,950	2,950	3,400	3,400
WS	Spec	Mnth2	Increase	USD	3,190	2,900	3,630	3,300
WS	Hedge/Member	Mnth2	Increase	USD	2,900	2,900	3,300	3,300
WS	Spec	Mnth3	Increase	USD	3,135	2,850	3,520	3,200
WS	Hedge/Member	Mnth3	Increase	USD	2,850	2,850	3,200	3,200
WS	Spec	Mnth4	Increase	USD	2,970	2,700	3,300	3,000
WS	Hedge/Member	Mnth4	Increase	USD	2,700	2,700	3,000	3,000
WS	Spec	Mnth5	Increase	USD	2,805	2,550	3,135	2,850
WS	Hedge/Member	Mnth5	Increase	USD	2,550	2,550	2,850	2,850
WS	Spec	Mnth6	Increase	USD	2,695	2,450	3,025	2,750
WS	Hedge/Member	Mnth6	Increase	USD	2,450	2,450	2,750	2,750
WS	Spec	Mnth7	Increase	USD	2,585	2,350	2,915	2,650
WS	Hedge/Member	Mnth7	Increase	USD	2,350	2,350	2,650	2,650
WS	Spec	Mnth8	Increase	USD	2,530	2,300	2,860	2,600
WS	Hedge/Member	Mnth8	Increase	USD	2,300	2,300	2,600	2,600
WS	Spec	Mnth9	Increase	USD	2,475	2,250	2,805	2,550
WS	Hedge/Member	Mnth9	Increase	USD	2,250	2,250	2,550	2,550
WS	Spec	Mnth10	Increase	USD	2,420	2,200	2,750	2,500
WS	Hedge/Member	Mnth10	Increase	USD	2,200	2,200	2,500	2,500
WS	Spec	Mnth11	Increase	USD	2,365	2,150	2,695	2,450
WS	Hedge/Member	Mnth11	Increase	USD	2,150	2,150	2,450	2,450
WS	Spec	Mnth12	Increase	USD	2,310	2,100	2,640	2,400
WS	Hedge/Member	Mnth12	Increase	USD	2,100	2,100	2,400	2,400
WS	Spec	Mnth13	Increase	USD	2,310	2,100	2,640	2,400
WS	Hedge/Member	Mnth13	Increase	USD	2,100	2,100	2,400	2,400
WS	Spec	Mnth14	Increase	USD	2,255	2,050	2,585	2,350
WS	Hedge/Member	Mnth14	Increase	USD	2,050	2,050	2,350	2,350
WS	Spec	Mnth15	Increase	USD	2,145	1,950	2,475	2,250
WS	Hedge/Member	Mnth15	Increase	USD	1,950	1,950	2,250	2,250
WS	Spec	Mnth16	Increase	USD	2,090	1,900	2,420	2,200
WS	Hedge/Member	Mnth16	Increase	USD	1,900	1,900	2,200	2,200
WS	Spec	Mnth17	Increase	USD	2,090	1,900	2,420	2,200
WS	Hedge/Member	Mnth17	Increase	USD	1,900	1,900	2,200	2,200
WS	Spec	Mnth18	Increase	USD	1,980	1,800	2,310	2,100
WS	Hedge/Member	Mnth18	Increase	USD	1,800	1,800	2,100	2,100
WS	Spec	Mnth19	Increase	USD	1,980	1,800	2,310	2,100
WS	Hedge/Member	Mnth19	Increase	USD	1,800	1,800	2,100	2,100
WS	Spec	Mnth20	Increase	USD	1,925	1,750	2,255	2,050

SPAN MINIMUM PERFORMANCE BOND REQUIREMENTS

CC	Rate Type	Description	Change	ISO	Current Initial	Current Maintenance	New Initial	New Maintenance
Outright Rates								
WS	Hedge/Member	Mnth20	Increase	USD	1,750	1,750	2,050	2,050
WS	Spec	Mnth21	Increase	USD	1,870	1,700	2,200	2,000
WS	Hedge/Member	Mnth21	Increase	USD	1,700	1,700	2,000	2,000
WS	Spec	Mnth22	Increase	USD	1,870	1,700	2,200	2,000
WS	Hedge/Member	Mnth22	Increase	USD	1,700	1,700	2,000	2,000
WS	Spec	Mnth23	Increase	USD	1,815	1,650	2,145	1,950
WS	Hedge/Member	Mnth23	Increase	USD	1,650	1,650	1,950	1,950
WS	Spec	Mnth24	Increase	USD	1,815	1,650	2,145	1,950
WS	Hedge/Member	Mnth24	Increase	USD	1,650	1,650	1,950	1,950
WS	Spec	Mnth25	Increase	USD	1,815	1,650	2,145	1,950
WS	Hedge/Member	Mnth25	Increase	USD	1,650	1,650	1,950	1,950
WS	Spec	Mnth26	Increase	USD	1,760	1,600	2,090	1,900
WS	Hedge/Member	Mnth26	Increase	USD	1,600	1,600	1,900	1,900
WS	Spec	Mnth27	Increase	USD	1,760	1,600	2,090	1,900
WS	Hedge/Member	Mnth27	Increase	USD	1,600	1,600	1,900	1,900
WS	Spec	Mnth28	Increase	USD	1,760	1,600	2,090	1,900
WS	Hedge/Member	Mnth28	Increase	USD	1,600	1,600	1,900	1,900
WS	Spec	Mnth29	Increase	USD	1,650	1,500	1,980	1,800
WS	Hedge/Member	Mnth29	Increase	USD	1,500	1,500	1,800	1,800
WS	Spec	Mnth30	Increase	USD	1,650	1,500	1,980	1,800
WS	Hedge/Member	Mnth30	Increase	USD	1,500	1,500	1,800	1,800
WS	Spec	Mnth31	Increase	USD	1,650	1,500	1,980	1,800
WS	Hedge/Member	Mnth31	Increase	USD	1,500	1,500	1,800	1,800
WS	Spec	Mnth32	Increase	USD	1,650	1,500	1,870	1,700
WS	Hedge/Member	Mnth32	Increase	USD	1,500	1,500	1,700	1,700
WS	Spec	Mnth33	Increase	USD	1,650	1,500	1,870	1,700
WS	Hedge/Member	Mnth33	Increase	USD	1,500	1,500	1,700	1,700
WS	Spec	Mnth34	Increase	USD	1,650	1,500	1,870	1,700
WS	Hedge/Member	Mnth34	Increase	USD	1,500	1,500	1,700	1,700
WS	Spec	Mnth35	Increase	USD	1,650	1,500	1,870	1,700
WS	Hedge/Member	Mnth35	Increase	USD	1,500	1,500	1,700	1,700
WS	Spec	Mnth36	Increase	USD	1,650	1,500	1,870	1,700
WS	Hedge/Member	Mnth36	Increase	USD	1,500	1,500	1,700	1,700
WS	Spec	Mnth37	Increase	USD	1,650	1,500	1,870	1,700
WS	Hedge/Member	Mnth37	Increase	USD	1,500	1,500	1,700	1,700
WS	Spec	Mnth38	Increase	USD	1,650	1,500	1,870	1,700
WS	Hedge/Member	Mnth38	Increase	USD	1,500	1,500	1,700	1,700
WS	Spec	Mnth39	Increase	USD	1,650	1,500	1,870	1,700
WS	Hedge/Member	Mnth39	Increase	USD	1,500	1,500	1,700	1,700
WS	Spec	Mnth40	Increase	USD	1,650	1,500	1,870	1,700

SPAN MINIMUM PERFORMANCE BOND REQUIREMENTS

CC	Rate Type	Description	Change	ISO	Current Initial	Current Maintenance	New Initial	New Maintenance
Outright Rates								
WS	Hedge/Member	Mnth40	Increase	USD	1,500	1,500	1,700	1,700
WS	Spec	Mnth41	Increase	USD	1,650	1,500	1,870	1,700
WS	Hedge/Member	Mnth41	Increase	USD	1,500	1,500	1,700	1,700
WS	Spec	Mnth42	Increase	USD	1,650	1,500	1,870	1,700
WS	Hedge/Member	Mnth42	Increase	USD	1,500	1,500	1,700	1,700
WS	Spec	Mnth43	Increase	USD	1,650	1,500	1,870	1,700
WS	Hedge/Member	Mnth43	Increase	USD	1,500	1,500	1,700	1,700
WS	Spec	Mnth44	Increase	USD	1,650	1,500	1,870	1,700
WS	Hedge/Member	Mnth44	Increase	USD	1,500	1,500	1,700	1,700
WS	Spec	Mnth45	Increase	USD	1,650	1,500	1,870	1,700
WS	Hedge/Member	Mnth45	Increase	USD	1,500	1,500	1,700	1,700
WS	Spec	Mnth46	Increase	USD	1,650	1,500	1,870	1,700
WS	Hedge/Member	Mnth46	Increase	USD	1,500	1,500	1,700	1,700
WS	Spec	Mnth47	Increase	USD	1,650	1,500	1,870	1,700
WS	Hedge/Member	Mnth47	Increase	USD	1,500	1,500	1,700	1,700
WS	Spec	Mnth48	Increase	USD	1,650	1,500	1,870	1,700
WS	Hedge/Member	Mnth48	Increase	USD	1,500	1,500	1,700	1,700
WS	Spec	Mnth49	Increase	USD	1,650	1,500	1,870	1,700
WS	Hedge/Member	Mnth49	Increase	USD	1,500	1,500	1,700	1,700
WS	Spec	Mnth50	Increase	USD	1,650	1,500	1,870	1,700
WS	Hedge/Member	Mnth50	Increase	USD	1,500	1,500	1,700	1,700
WS	Spec	Mnth51	Increase	USD	1,650	1,500	1,870	1,700
WS	Hedge/Member	Mnth51	Increase	USD	1,500	1,500	1,700	1,700
WS	Spec	Mnth52	Increase	USD	1,650	1,500	1,870	1,700
WS	Hedge/Member	Mnth52	Increase	USD	1,500	1,500	1,700	1,700
WS	Spec	Mnth53	Increase	USD	1,650	1,500	1,870	1,700
WS	Hedge/Member	Mnth53	Increase	USD	1,500	1,500	1,700	1,700
WS	Spec	Mnth54	Increase	USD	1,650	1,500	1,870	1,700
WS	Hedge/Member	Mnth54	Increase	USD	1,500	1,500	1,700	1,700
WS	Spec	Mnth55	Increase	USD	1,650	1,500	1,870	1,700
WS	Hedge/Member	Mnth55	Increase	USD	1,500	1,500	1,700	1,700
WS	Spec	Mnth56	Increase	USD	1,650	1,500	1,870	1,700
WS	Hedge/Member	Mnth56	Increase	USD	1,500	1,500	1,700	1,700
WS	Spec	Mnth57	Increase	USD	1,650	1,500	1,870	1,700
WS	Hedge/Member	Mnth57	Increase	USD	1,500	1,500	1,700	1,700
WS	Spec	Mnth58	Increase	USD	1,650	1,500	1,870	1,700
WS	Hedge/Member	Mnth58	Increase	USD	1,500	1,500	1,700	1,700
WS	Spec	Mnth59	Increase	USD	1,650	1,500	1,870	1,700
WS	Hedge/Member	Mnth59	Increase	USD	1,500	1,500	1,700	1,700
WS	Spec	Mnth60	Increase	USD	1,650	1,500	1,870	1,700

SPAN MINIMUM PERFORMANCE BOND REQUIREMENTS

CC	Rate Type	Description	Change	ISO	Current Initial	Current Maintenance	New Initial	New Maintenance
Outright Rates								
WS	Hedge/Member	Mnth60	Increase	USD	1,500	1,500	1,700	1,700
WS	Spec	Mnth61	Increase	USD	1,650	1,500	1,870	1,700
WS	Hedge/Member	Mnth61	Increase	USD	1,500	1,500	1,700	1,700
WS	Spec	Mnth62	Increase	USD	1,650	1,500	1,870	1,700
WS	Hedge/Member	Mnth62	Increase	USD	1,500	1,500	1,700	1,700
WS	Spec	Mnth63	Increase	USD	1,650	1,500	1,870	1,700
WS	Hedge/Member	Mnth63	Increase	USD	1,500	1,500	1,700	1,700
WS	Spec	Mnth64	Increase	USD	1,650	1,500	1,870	1,700
WS	Hedge/Member	Mnth64	Increase	USD	1,500	1,500	1,700	1,700
WS	Spec	Mnth65+	Increase	USD	1,650	1,500	1,870	1,700
WS	Hedge/Member	Mnth65+	Increase	USD	1,500	1,500	1,700	1,700

SPAN MINIMUM PERFORMANCE BOND REQUIREMENTS

CC	Rate Type	Description	Change	ISO	Current Initial	Current Maintenance	New Initial	New Maintenance
Outright Rates								
CRUDE OIL FUTURE NYMEX (CL)								
CL	Spec	Mnth1	Increase	USD	3,245	2,950	3,740	3,400
CL	Hedge/Member	Mnth1	Increase	USD	2,950	2,950	3,400	3,400
CL	Spec	Mnth2	Increase	USD	3,190	2,900	3,630	3,300
CL	Hedge/Member	Mnth2	Increase	USD	2,900	2,900	3,300	3,300
CL	Spec	Mnth3	Increase	USD	3,135	2,850	3,520	3,200
CL	Hedge/Member	Mnth3	Increase	USD	2,850	2,850	3,200	3,200
CL	Spec	Mnth4	Increase	USD	2,970	2,700	3,300	3,000
CL	Hedge/Member	Mnth4	Increase	USD	2,700	2,700	3,000	3,000
CL	Spec	Mnth5	Increase	USD	2,805	2,550	3,135	2,850
CL	Hedge/Member	Mnth5	Increase	USD	2,550	2,550	2,850	2,850
CL	Spec	Mnth6	Increase	USD	2,695	2,450	3,025	2,750
CL	Hedge/Member	Mnth6	Increase	USD	2,450	2,450	2,750	2,750
CL	Spec	Mnth7	Increase	USD	2,585	2,350	2,915	2,650
CL	Hedge/Member	Mnth7	Increase	USD	2,350	2,350	2,650	2,650
CL	Spec	Mnth8	Increase	USD	2,530	2,300	2,860	2,600
CL	Hedge/Member	Mnth8	Increase	USD	2,300	2,300	2,600	2,600
CL	Spec	Mnth9	Increase	USD	2,475	2,250	2,805	2,550
CL	Hedge/Member	Mnth9	Increase	USD	2,250	2,250	2,550	2,550
CL	Spec	Mnth10	Increase	USD	2,420	2,200	2,750	2,500
CL	Hedge/Member	Mnth10	Increase	USD	2,200	2,200	2,500	2,500
CL	Spec	Mnth11	Increase	USD	2,365	2,150	2,695	2,450
CL	Hedge/Member	Mnth11	Increase	USD	2,150	2,150	2,450	2,450
CL	Spec	Mnth12	Increase	USD	2,310	2,100	2,640	2,400
CL	Hedge/Member	Mnth12	Increase	USD	2,100	2,100	2,400	2,400
CL	Spec	Mnth13	Increase	USD	2,310	2,100	2,640	2,400
CL	Hedge/Member	Mnth13	Increase	USD	2,100	2,100	2,400	2,400
CL	Spec	Mnth14	Increase	USD	2,255	2,050	2,585	2,350
CL	Hedge/Member	Mnth14	Increase	USD	2,050	2,050	2,350	2,350
CL	Spec	Mnth15	Increase	USD	2,145	1,950	2,475	2,250
CL	Hedge/Member	Mnth15	Increase	USD	1,950	1,950	2,250	2,250
CL	Spec	Mnth16	Increase	USD	2,090	1,900	2,420	2,200
CL	Hedge/Member	Mnth16	Increase	USD	1,900	1,900	2,200	2,200
CL	Spec	Mnth17	Increase	USD	2,090	1,900	2,420	2,200
CL	Hedge/Member	Mnth17	Increase	USD	1,900	1,900	2,200	2,200
CL	Spec	Mnth18	Increase	USD	1,980	1,800	2,310	2,100
CL	Hedge/Member	Mnth18	Increase	USD	1,800	1,800	2,100	2,100
CL	Spec	Mnth19	Increase	USD	1,980	1,800	2,310	2,100
CL	Hedge/Member	Mnth19	Increase	USD	1,800	1,800	2,100	2,100
CL	Spec	Mnth20	Increase	USD	1,925	1,750	2,255	2,050

SPAN MINIMUM PERFORMANCE BOND REQUIREMENTS

CC	Rate Type	Description	Change	ISO	Current Initial	Current Maintenance	New Initial	New Maintenance
Outright Rates								
CL	Hedge/Member	Mnth20	Increase	USD	1,750	1,750	2,050	2,050
CL	Spec	Mnth21	Increase	USD	1,870	1,700	2,200	2,000
CL	Hedge/Member	Mnth21	Increase	USD	1,700	1,700	2,000	2,000
CL	Spec	Mnth22	Increase	USD	1,870	1,700	2,200	2,000
CL	Hedge/Member	Mnth22	Increase	USD	1,700	1,700	2,000	2,000
CL	Spec	Mnth23	Increase	USD	1,815	1,650	2,145	1,950
CL	Hedge/Member	Mnth23	Increase	USD	1,650	1,650	1,950	1,950
CL	Spec	Mnth24	Increase	USD	1,815	1,650	2,145	1,950
CL	Hedge/Member	Mnth24	Increase	USD	1,650	1,650	1,950	1,950
CL	Spec	Mnth25	Increase	USD	1,815	1,650	2,145	1,950
CL	Hedge/Member	Mnth25	Increase	USD	1,650	1,650	1,950	1,950
CL	Spec	Mnth26	Increase	USD	1,760	1,600	2,090	1,900
CL	Hedge/Member	Mnth26	Increase	USD	1,600	1,600	1,900	1,900
CL	Spec	Mnth27	Increase	USD	1,760	1,600	2,090	1,900
CL	Hedge/Member	Mnth27	Increase	USD	1,600	1,600	1,900	1,900
CL	Spec	Mnth28	Increase	USD	1,760	1,600	2,090	1,900
CL	Hedge/Member	Mnth28	Increase	USD	1,600	1,600	1,900	1,900
CL	Spec	Mnth29	Increase	USD	1,650	1,500	1,980	1,800
CL	Hedge/Member	Mnth29	Increase	USD	1,500	1,500	1,800	1,800
CL	Spec	Mnth30	Increase	USD	1,650	1,500	1,980	1,800
CL	Hedge/Member	Mnth30	Increase	USD	1,500	1,500	1,800	1,800
CL	Spec	Mnth31	Increase	USD	1,650	1,500	1,980	1,800
CL	Hedge/Member	Mnth31	Increase	USD	1,500	1,500	1,800	1,800
CL	Spec	Mnth32	Increase	USD	1,650	1,500	1,870	1,700
CL	Hedge/Member	Mnth32	Increase	USD	1,500	1,500	1,700	1,700
CL	Spec	Mnth33	Increase	USD	1,650	1,500	1,870	1,700
CL	Hedge/Member	Mnth33	Increase	USD	1,500	1,500	1,700	1,700
CL	Spec	Mnth34	Increase	USD	1,650	1,500	1,870	1,700
CL	Hedge/Member	Mnth34	Increase	USD	1,500	1,500	1,700	1,700
CL	Spec	Mnth35	Increase	USD	1,650	1,500	1,870	1,700
CL	Hedge/Member	Mnth35	Increase	USD	1,500	1,500	1,700	1,700
CL	Spec	Mnth36	Increase	USD	1,650	1,500	1,870	1,700
CL	Hedge/Member	Mnth36	Increase	USD	1,500	1,500	1,700	1,700
CL	Spec	Mnth37	Increase	USD	1,650	1,500	1,870	1,700
CL	Hedge/Member	Mnth37	Increase	USD	1,500	1,500	1,700	1,700
CL	Spec	Mnth38	Increase	USD	1,650	1,500	1,870	1,700
CL	Hedge/Member	Mnth38	Increase	USD	1,500	1,500	1,700	1,700
CL	Spec	Mnth39	Increase	USD	1,650	1,500	1,870	1,700
CL	Hedge/Member	Mnth39	Increase	USD	1,500	1,500	1,700	1,700
CL	Spec	Mnth40	Increase	USD	1,650	1,500	1,870	1,700

SPAN MINIMUM PERFORMANCE BOND REQUIREMENTS

CC	Rate Type	Description	Change	ISO	Current Initial	Current Maintenance	New Initial	New Maintenance
Outright Rates								
CL	Hedge/Member	Mnth40	Increase	USD	1,500	1,500	1,700	1,700
CL	Spec	Mnth41	Increase	USD	1,650	1,500	1,870	1,700
CL	Hedge/Member	Mnth41	Increase	USD	1,500	1,500	1,700	1,700
CL	Spec	Mnth42	Increase	USD	1,650	1,500	1,870	1,700
CL	Hedge/Member	Mnth42	Increase	USD	1,500	1,500	1,700	1,700
CL	Spec	Mnth43	Increase	USD	1,650	1,500	1,870	1,700
CL	Hedge/Member	Mnth43	Increase	USD	1,500	1,500	1,700	1,700
CL	Spec	Mnth44	Increase	USD	1,650	1,500	1,870	1,700
CL	Hedge/Member	Mnth44	Increase	USD	1,500	1,500	1,700	1,700
CL	Spec	Mnth45	Increase	USD	1,650	1,500	1,870	1,700
CL	Hedge/Member	Mnth45	Increase	USD	1,500	1,500	1,700	1,700
CL	Spec	Mnth46	Increase	USD	1,650	1,500	1,870	1,700
CL	Hedge/Member	Mnth46	Increase	USD	1,500	1,500	1,700	1,700
CL	Spec	Mnth47	Increase	USD	1,650	1,500	1,870	1,700
CL	Hedge/Member	Mnth47	Increase	USD	1,500	1,500	1,700	1,700
CL	Spec	Mnth48	Increase	USD	1,650	1,500	1,870	1,700
CL	Hedge/Member	Mnth48	Increase	USD	1,500	1,500	1,700	1,700
CL	Spec	Mnth49	Increase	USD	1,650	1,500	1,870	1,700
CL	Hedge/Member	Mnth49	Increase	USD	1,500	1,500	1,700	1,700
CL	Spec	Mnth50	Increase	USD	1,650	1,500	1,870	1,700
CL	Hedge/Member	Mnth50	Increase	USD	1,500	1,500	1,700	1,700
CL	Spec	Mnth51	Increase	USD	1,650	1,500	1,870	1,700
CL	Hedge/Member	Mnth51	Increase	USD	1,500	1,500	1,700	1,700
CL	Spec	Mnth52	Increase	USD	1,650	1,500	1,870	1,700
CL	Hedge/Member	Mnth52	Increase	USD	1,500	1,500	1,700	1,700
CL	Spec	Mnth53	Increase	USD	1,650	1,500	1,870	1,700
CL	Hedge/Member	Mnth53	Increase	USD	1,500	1,500	1,700	1,700
CL	Spec	Mnth54	Increase	USD	1,650	1,500	1,870	1,700
CL	Hedge/Member	Mnth54	Increase	USD	1,500	1,500	1,700	1,700
CL	Spec	Mnth55	Increase	USD	1,650	1,500	1,870	1,700
CL	Hedge/Member	Mnth55	Increase	USD	1,500	1,500	1,700	1,700
CL	Spec	Mnth56	Increase	USD	1,650	1,500	1,870	1,700
CL	Hedge/Member	Mnth56	Increase	USD	1,500	1,500	1,700	1,700
CL	Spec	Mnth57	Increase	USD	1,650	1,500	1,870	1,700
CL	Hedge/Member	Mnth57	Increase	USD	1,500	1,500	1,700	1,700
CL	Spec	Mnth58	Increase	USD	1,650	1,500	1,870	1,700
CL	Hedge/Member	Mnth58	Increase	USD	1,500	1,500	1,700	1,700
CL	Spec	Mnth59	Increase	USD	1,650	1,500	1,870	1,700
CL	Hedge/Member	Mnth59	Increase	USD	1,500	1,500	1,700	1,700
CL	Spec	Mnth60	Increase	USD	1,650	1,500	1,870	1,700

SPAN MINIMUM PERFORMANCE BOND REQUIREMENTS

CC	Rate Type	Description	Change	ISO	Current Initial	Current Maintenance	New Initial	New Maintenance
Outright Rates								
CL	Hedge/Member	Mnth60	Increase	USD	1,500	1,500	1,700	1,700
CL	Spec	Mnth61	Increase	USD	1,650	1,500	1,870	1,700
CL	Hedge/Member	Mnth61	Increase	USD	1,500	1,500	1,700	1,700
CL	Spec	Mnth62	Increase	USD	1,650	1,500	1,870	1,700
CL	Hedge/Member	Mnth62	Increase	USD	1,500	1,500	1,700	1,700
CL	Spec	Mnth63	Increase	USD	1,650	1,500	1,870	1,700
CL	Hedge/Member	Mnth63	Increase	USD	1,500	1,500	1,700	1,700
CL	Spec	Mnth64	Increase	USD	1,650	1,500	1,870	1,700
CL	Hedge/Member	Mnth64	Increase	USD	1,500	1,500	1,700	1,700
CL	Spec	Mnth65+	Increase	USD	1,650	1,500	1,870	1,700
CL	Hedge/Member	Mnth65+	Increase	USD	1,500	1,500	1,700	1,700

SPAN MINIMUM PERFORMANCE BOND REQUIREMENTS

CC	Rate Type	Description	Change	ISO	Current Initial	Current Maintenance	New Initial	New Maintenance
Outright Rates								
CRUDE OIL TRADE AT MARKER LONDON (CLL)								
CLL	Spec	Mnth1	Increase	USD	3,245	2,950	3,740	3,400
CLL	Hedge/Member	Mnth1	Increase	USD	2,950	2,950	3,400	3,400
CLL	Spec	Mnth2	Increase	USD	3,190	2,900	3,630	3,300
CLL	Hedge/Member	Mnth2	Increase	USD	2,900	2,900	3,300	3,300
CLL	Spec	Mnth3	Increase	USD	3,135	2,850	3,520	3,200
CLL	Hedge/Member	Mnth3	Increase	USD	2,850	2,850	3,200	3,200
CLL	Spec	Mnth4	Increase	USD	2,970	2,700	3,300	3,000
CLL	Hedge/Member	Mnth4	Increase	USD	2,700	2,700	3,000	3,000
CLL	Spec	Mnth5	Increase	USD	2,805	2,550	3,135	2,850
CLL	Hedge/Member	Mnth5	Increase	USD	2,550	2,550	2,850	2,850
CLL	Spec	Mnth6	Increase	USD	2,695	2,450	3,025	2,750
CLL	Hedge/Member	Mnth6	Increase	USD	2,450	2,450	2,750	2,750
CLL	Spec	Mnth7	Increase	USD	2,585	2,350	2,915	2,650
CLL	Hedge/Member	Mnth7	Increase	USD	2,350	2,350	2,650	2,650
CLL	Spec	Mnth8	Increase	USD	2,530	2,300	2,860	2,600
CLL	Hedge/Member	Mnth8	Increase	USD	2,300	2,300	2,600	2,600
CLL	Spec	Mnth9	Increase	USD	2,475	2,250	2,805	2,550
CLL	Hedge/Member	Mnth9	Increase	USD	2,250	2,250	2,550	2,550
CLL	Spec	Mnth10	Increase	USD	2,420	2,200	2,750	2,500
CLL	Hedge/Member	Mnth10	Increase	USD	2,200	2,200	2,500	2,500
CLL	Spec	Mnth11	Increase	USD	2,365	2,150	2,695	2,450
CLL	Hedge/Member	Mnth11	Increase	USD	2,150	2,150	2,450	2,450
CLL	Spec	Mnth12	Increase	USD	2,310	2,100	2,640	2,400
CLL	Hedge/Member	Mnth12	Increase	USD	2,100	2,100	2,400	2,400
CLL	Spec	Mnth13	Increase	USD	2,310	2,100	2,640	2,400
CLL	Hedge/Member	Mnth13	Increase	USD	2,100	2,100	2,400	2,400
CLL	Spec	Mnth14	Increase	USD	2,255	2,050	2,585	2,350
CLL	Hedge/Member	Mnth14	Increase	USD	2,050	2,050	2,350	2,350
CLL	Spec	Mnth15	Increase	USD	2,145	1,950	2,475	2,250
CLL	Hedge/Member	Mnth15	Increase	USD	1,950	1,950	2,250	2,250
CLL	Spec	Mnth16	Increase	USD	2,090	1,900	2,420	2,200
CLL	Hedge/Member	Mnth16	Increase	USD	1,900	1,900	2,200	2,200
CLL	Spec	Mnth17	Increase	USD	2,090	1,900	2,420	2,200
CLL	Hedge/Member	Mnth17	Increase	USD	1,900	1,900	2,200	2,200
CLL	Spec	Mnth18	Increase	USD	1,980	1,800	2,310	2,100
CLL	Hedge/Member	Mnth18	Increase	USD	1,800	1,800	2,100	2,100
CLL	Spec	Mnth19	Increase	USD	1,980	1,800	2,310	2,100
CLL	Hedge/Member	Mnth19	Increase	USD	1,800	1,800	2,100	2,100
CLL	Spec	Mnth20	Increase	USD	1,925	1,750	2,255	2,050

SPAN MINIMUM PERFORMANCE BOND REQUIREMENTS

CC	Rate Type	Description	Change	ISO	Current Initial	Current Maintenance	New Initial	New Maintenance
Outright Rates								
CLL	Hedge/Member	Mnth20	Increase	USD	1,750	1,750	2,050	2,050
CLL	Spec	Mnth21	Increase	USD	1,870	1,700	2,200	2,000
CLL	Hedge/Member	Mnth21	Increase	USD	1,700	1,700	2,000	2,000
CLL	Spec	Mnth22	Increase	USD	1,870	1,700	2,200	2,000
CLL	Hedge/Member	Mnth22	Increase	USD	1,700	1,700	2,000	2,000
CLL	Spec	Mnth23	Increase	USD	1,815	1,650	2,145	1,950
CLL	Hedge/Member	Mnth23	Increase	USD	1,650	1,650	1,950	1,950
CLL	Spec	Mnth24	Increase	USD	1,815	1,650	2,145	1,950
CLL	Hedge/Member	Mnth24	Increase	USD	1,650	1,650	1,950	1,950
CLL	Spec	Mnth25	Increase	USD	1,815	1,650	2,145	1,950
CLL	Hedge/Member	Mnth25	Increase	USD	1,650	1,650	1,950	1,950
CLL	Spec	Mnth26	Increase	USD	1,760	1,600	2,090	1,900
CLL	Hedge/Member	Mnth26	Increase	USD	1,600	1,600	1,900	1,900
CLL	Spec	Mnth27	Increase	USD	1,760	1,600	2,090	1,900
CLL	Hedge/Member	Mnth27	Increase	USD	1,600	1,600	1,900	1,900
CLL	Spec	Mnth28	Increase	USD	1,760	1,600	2,090	1,900
CLL	Hedge/Member	Mnth28	Increase	USD	1,600	1,600	1,900	1,900
CLL	Spec	Mnth29	Increase	USD	1,650	1,500	1,980	1,800
CLL	Hedge/Member	Mnth29	Increase	USD	1,500	1,500	1,800	1,800
CLL	Spec	Mnth30	Increase	USD	1,650	1,500	1,980	1,800
CLL	Hedge/Member	Mnth30	Increase	USD	1,500	1,500	1,800	1,800
CLL	Spec	Mnth31	Increase	USD	1,650	1,500	1,980	1,800
CLL	Hedge/Member	Mnth31	Increase	USD	1,500	1,500	1,800	1,800
CLL	Spec	Mnth32	Increase	USD	1,650	1,500	1,870	1,700
CLL	Hedge/Member	Mnth32	Increase	USD	1,500	1,500	1,700	1,700
CLL	Spec	Mnth33	Increase	USD	1,650	1,500	1,870	1,700
CLL	Hedge/Member	Mnth33	Increase	USD	1,500	1,500	1,700	1,700
CLL	Spec	Mnth34	Increase	USD	1,650	1,500	1,870	1,700
CLL	Hedge/Member	Mnth34	Increase	USD	1,500	1,500	1,700	1,700
CLL	Spec	Mnth35	Increase	USD	1,650	1,500	1,870	1,700
CLL	Hedge/Member	Mnth35	Increase	USD	1,500	1,500	1,700	1,700
CLL	Spec	Mnth36	Increase	USD	1,650	1,500	1,870	1,700
CLL	Hedge/Member	Mnth36	Increase	USD	1,500	1,500	1,700	1,700
CLL	Spec	Mnth37	Increase	USD	1,650	1,500	1,870	1,700
CLL	Hedge/Member	Mnth37	Increase	USD	1,500	1,500	1,700	1,700
CLL	Spec	Mnth38	Increase	USD	1,650	1,500	1,870	1,700
CLL	Hedge/Member	Mnth38	Increase	USD	1,500	1,500	1,700	1,700
CLL	Spec	Mnth39	Increase	USD	1,650	1,500	1,870	1,700
CLL	Hedge/Member	Mnth39	Increase	USD	1,500	1,500	1,700	1,700
CLL	Spec	Mnth40	Increase	USD	1,650	1,500	1,870	1,700

SPAN MINIMUM PERFORMANCE BOND REQUIREMENTS

CC	Rate Type	Description	Change	ISO	Current Initial	Current Maintenance	New Initial	New Maintenance
Outright Rates								
CLL	Hedge/Member	Mnth40	Increase	USD	1,500	1,500	1,700	1,700
CLL	Spec	Mnth41	Increase	USD	1,650	1,500	1,870	1,700
CLL	Hedge/Member	Mnth41	Increase	USD	1,500	1,500	1,700	1,700
CLL	Spec	Mnth42	Increase	USD	1,650	1,500	1,870	1,700
CLL	Hedge/Member	Mnth42	Increase	USD	1,500	1,500	1,700	1,700
CLL	Spec	Mnth43	Increase	USD	1,650	1,500	1,870	1,700
CLL	Hedge/Member	Mnth43	Increase	USD	1,500	1,500	1,700	1,700
CLL	Spec	Mnth44	Increase	USD	1,650	1,500	1,870	1,700
CLL	Hedge/Member	Mnth44	Increase	USD	1,500	1,500	1,700	1,700
CLL	Spec	Mnth45	Increase	USD	1,650	1,500	1,870	1,700
CLL	Hedge/Member	Mnth45	Increase	USD	1,500	1,500	1,700	1,700
CLL	Spec	Mnth46	Increase	USD	1,650	1,500	1,870	1,700
CLL	Hedge/Member	Mnth46	Increase	USD	1,500	1,500	1,700	1,700
CLL	Spec	Mnth47	Increase	USD	1,650	1,500	1,870	1,700
CLL	Hedge/Member	Mnth47	Increase	USD	1,500	1,500	1,700	1,700
CLL	Spec	Mnth48	Increase	USD	1,650	1,500	1,870	1,700
CLL	Hedge/Member	Mnth48	Increase	USD	1,500	1,500	1,700	1,700
CLL	Spec	Mnth49	Increase	USD	1,650	1,500	1,870	1,700
CLL	Hedge/Member	Mnth49	Increase	USD	1,500	1,500	1,700	1,700
CLL	Spec	Mnth50	Increase	USD	1,650	1,500	1,870	1,700
CLL	Hedge/Member	Mnth50	Increase	USD	1,500	1,500	1,700	1,700
CLL	Spec	Mnth51	Increase	USD	1,650	1,500	1,870	1,700
CLL	Hedge/Member	Mnth51	Increase	USD	1,500	1,500	1,700	1,700
CLL	Spec	Mnth52	Increase	USD	1,650	1,500	1,870	1,700
CLL	Hedge/Member	Mnth52	Increase	USD	1,500	1,500	1,700	1,700
CLL	Spec	Mnth53	Increase	USD	1,650	1,500	1,870	1,700
CLL	Hedge/Member	Mnth53	Increase	USD	1,500	1,500	1,700	1,700
CLL	Spec	Mnth54	Increase	USD	1,650	1,500	1,870	1,700
CLL	Hedge/Member	Mnth54	Increase	USD	1,500	1,500	1,700	1,700
CLL	Spec	Mnth55	Increase	USD	1,650	1,500	1,870	1,700
CLL	Hedge/Member	Mnth55	Increase	USD	1,500	1,500	1,700	1,700
CLL	Spec	Mnth56	Increase	USD	1,650	1,500	1,870	1,700
CLL	Hedge/Member	Mnth56	Increase	USD	1,500	1,500	1,700	1,700
CLL	Spec	Mnth57	Increase	USD	1,650	1,500	1,870	1,700
CLL	Hedge/Member	Mnth57	Increase	USD	1,500	1,500	1,700	1,700
CLL	Spec	Mnth58	Increase	USD	1,650	1,500	1,870	1,700
CLL	Hedge/Member	Mnth58	Increase	USD	1,500	1,500	1,700	1,700
CLL	Spec	Mnth59	Increase	USD	1,650	1,500	1,870	1,700
CLL	Hedge/Member	Mnth59	Increase	USD	1,500	1,500	1,700	1,700
CLL	Spec	Mnth60	Increase	USD	1,650	1,500	1,870	1,700

SPAN MINIMUM PERFORMANCE BOND REQUIREMENTS

CC	Rate Type	Description	Change	ISO	Current Initial	Current Maintenance	New Initial	New Maintenance
Outright Rates								
CLL	Hedge/Member	Mnth60	Increase	USD	1,500	1,500	1,700	1,700
CLL	Spec	Mnth61	Increase	USD	1,650	1,500	1,870	1,700
CLL	Hedge/Member	Mnth61	Increase	USD	1,500	1,500	1,700	1,700
CLL	Spec	Mnth62	Increase	USD	1,650	1,500	1,870	1,700
CLL	Hedge/Member	Mnth62	Increase	USD	1,500	1,500	1,700	1,700
CLL	Spec	Mnth63	Increase	USD	1,650	1,500	1,870	1,700
CLL	Hedge/Member	Mnth63	Increase	USD	1,500	1,500	1,700	1,700
CLL	Spec	Mnth64	Increase	USD	1,650	1,500	1,870	1,700
CLL	Hedge/Member	Mnth64	Increase	USD	1,500	1,500	1,700	1,700
CLL	Spec	Mnth65+	Increase	USD	1,650	1,500	1,870	1,700
CLL	Hedge/Member	Mnth65+	Increase	USD	1,500	1,500	1,700	1,700

SPAN MINIMUM PERFORMANCE BOND REQUIREMENTS

CC	Rate Type	Description	Change	ISO	Current Initial	Current Maintenance	New Initial	New Maintenance
Outright Rates								
CRUDE OIL TRADE AT MARKER SINGAPORE (CLS)								
CLS	Spec	Mnth1	Increase	USD	3,245	2,950	3,740	3,400
CLS	Hedge/Member	Mnth1	Increase	USD	2,950	2,950	3,400	3,400
CLS	Spec	Mnth2	Increase	USD	3,190	2,900	3,630	3,300
CLS	Hedge/Member	Mnth2	Increase	USD	2,900	2,900	3,300	3,300
CLS	Spec	Mnth3	Increase	USD	3,135	2,850	3,520	3,200
CLS	Hedge/Member	Mnth3	Increase	USD	2,850	2,850	3,200	3,200
CLS	Spec	Mnth4	Increase	USD	2,970	2,700	3,300	3,000
CLS	Hedge/Member	Mnth4	Increase	USD	2,700	2,700	3,000	3,000
CLS	Spec	Mnth5	Increase	USD	2,805	2,550	3,135	2,850
CLS	Hedge/Member	Mnth5	Increase	USD	2,550	2,550	2,850	2,850
CLS	Spec	Mnth6	Increase	USD	2,695	2,450	3,025	2,750
CLS	Hedge/Member	Mnth6	Increase	USD	2,450	2,450	2,750	2,750
CLS	Spec	Mnth7	Increase	USD	2,585	2,350	2,915	2,650
CLS	Hedge/Member	Mnth7	Increase	USD	2,350	2,350	2,650	2,650
CLS	Spec	Mnth8	Increase	USD	2,530	2,300	2,860	2,600
CLS	Hedge/Member	Mnth8	Increase	USD	2,300	2,300	2,600	2,600
CLS	Spec	Mnth9	Increase	USD	2,475	2,250	2,805	2,550
CLS	Hedge/Member	Mnth9	Increase	USD	2,250	2,250	2,550	2,550
CLS	Spec	Mnth10	Increase	USD	2,420	2,200	2,750	2,500
CLS	Hedge/Member	Mnth10	Increase	USD	2,200	2,200	2,500	2,500
CLS	Spec	Mnth11	Increase	USD	2,365	2,150	2,695	2,450
CLS	Hedge/Member	Mnth11	Increase	USD	2,150	2,150	2,450	2,450
CLS	Spec	Mnth12	Increase	USD	2,310	2,100	2,640	2,400
CLS	Hedge/Member	Mnth12	Increase	USD	2,100	2,100	2,400	2,400
CLS	Spec	Mnth13	Increase	USD	2,310	2,100	2,640	2,400
CLS	Hedge/Member	Mnth13	Increase	USD	2,100	2,100	2,400	2,400
CLS	Spec	Mnth14	Increase	USD	2,255	2,050	2,585	2,350
CLS	Hedge/Member	Mnth14	Increase	USD	2,050	2,050	2,350	2,350
CLS	Spec	Mnth15	Increase	USD	2,145	1,950	2,475	2,250
CLS	Hedge/Member	Mnth15	Increase	USD	1,950	1,950	2,250	2,250
CLS	Spec	Mnth16	Increase	USD	2,090	1,900	2,420	2,200
CLS	Hedge/Member	Mnth16	Increase	USD	1,900	1,900	2,200	2,200
CLS	Spec	Mnth17	Increase	USD	2,090	1,900	2,420	2,200
CLS	Hedge/Member	Mnth17	Increase	USD	1,900	1,900	2,200	2,200
CLS	Spec	Mnth18	Increase	USD	1,980	1,800	2,310	2,100
CLS	Hedge/Member	Mnth18	Increase	USD	1,800	1,800	2,100	2,100
CLS	Spec	Mnth19	Increase	USD	1,980	1,800	2,310	2,100
CLS	Hedge/Member	Mnth19	Increase	USD	1,800	1,800	2,100	2,100
CLS	Spec	Mnth20	Increase	USD	1,925	1,750	2,255	2,050

SPAN MINIMUM PERFORMANCE BOND REQUIREMENTS

CC	Rate Type	Description	Change	ISO	Current Initial	Current Maintenance	New Initial	New Maintenance
Outright Rates								
CLS	Hedge/Member	Mnth20	Increase	USD	1,750	1,750	2,050	2,050
CLS	Spec	Mnth21	Increase	USD	1,870	1,700	2,200	2,000
CLS	Hedge/Member	Mnth21	Increase	USD	1,700	1,700	2,000	2,000
CLS	Spec	Mnth22	Increase	USD	1,870	1,700	2,200	2,000
CLS	Hedge/Member	Mnth22	Increase	USD	1,700	1,700	2,000	2,000
CLS	Spec	Mnth23	Increase	USD	1,815	1,650	2,145	1,950
CLS	Hedge/Member	Mnth23	Increase	USD	1,650	1,650	1,950	1,950
CLS	Spec	Mnth24	Increase	USD	1,815	1,650	2,145	1,950
CLS	Hedge/Member	Mnth24	Increase	USD	1,650	1,650	1,950	1,950
CLS	Spec	Mnth25	Increase	USD	1,815	1,650	2,145	1,950
CLS	Hedge/Member	Mnth25	Increase	USD	1,650	1,650	1,950	1,950
CLS	Spec	Mnth26	Increase	USD	1,760	1,600	2,090	1,900
CLS	Hedge/Member	Mnth26	Increase	USD	1,600	1,600	1,900	1,900
CLS	Spec	Mnth27	Increase	USD	1,760	1,600	2,090	1,900
CLS	Hedge/Member	Mnth27	Increase	USD	1,600	1,600	1,900	1,900
CLS	Spec	Mnth28	Increase	USD	1,760	1,600	2,090	1,900
CLS	Hedge/Member	Mnth28	Increase	USD	1,600	1,600	1,900	1,900
CLS	Spec	Mnth29	Increase	USD	1,650	1,500	1,980	1,800
CLS	Hedge/Member	Mnth29	Increase	USD	1,500	1,500	1,800	1,800
CLS	Spec	Mnth30	Increase	USD	1,650	1,500	1,980	1,800
CLS	Hedge/Member	Mnth30	Increase	USD	1,500	1,500	1,800	1,800
CLS	Spec	Mnth31	Increase	USD	1,650	1,500	1,980	1,800
CLS	Hedge/Member	Mnth31	Increase	USD	1,500	1,500	1,800	1,800
CLS	Spec	Mnth32	Increase	USD	1,650	1,500	1,870	1,700
CLS	Hedge/Member	Mnth32	Increase	USD	1,500	1,500	1,700	1,700
CLS	Spec	Mnth33	Increase	USD	1,650	1,500	1,870	1,700
CLS	Hedge/Member	Mnth33	Increase	USD	1,500	1,500	1,700	1,700
CLS	Spec	Mnth34	Increase	USD	1,650	1,500	1,870	1,700
CLS	Hedge/Member	Mnth34	Increase	USD	1,500	1,500	1,700	1,700
CLS	Spec	Mnth35	Increase	USD	1,650	1,500	1,870	1,700
CLS	Hedge/Member	Mnth35	Increase	USD	1,500	1,500	1,700	1,700
CLS	Spec	Mnth36	Increase	USD	1,650	1,500	1,870	1,700
CLS	Hedge/Member	Mnth36	Increase	USD	1,500	1,500	1,700	1,700
CLS	Spec	Mnth37	Increase	USD	1,650	1,500	1,870	1,700
CLS	Hedge/Member	Mnth37	Increase	USD	1,500	1,500	1,700	1,700
CLS	Spec	Mnth38	Increase	USD	1,650	1,500	1,870	1,700
CLS	Hedge/Member	Mnth38	Increase	USD	1,500	1,500	1,700	1,700
CLS	Spec	Mnth39	Increase	USD	1,650	1,500	1,870	1,700
CLS	Hedge/Member	Mnth39	Increase	USD	1,500	1,500	1,700	1,700
CLS	Spec	Mnth40	Increase	USD	1,650	1,500	1,870	1,700

SPAN MINIMUM PERFORMANCE BOND REQUIREMENTS

CC	Rate Type	Description	Change	ISO	Current Initial	Current Maintenance	New Initial	New Maintenance
Outright Rates								
CLS	Hedge/Member	Mnth40	Increase	USD	1,500	1,500	1,700	1,700
CLS	Spec	Mnth41	Increase	USD	1,650	1,500	1,870	1,700
CLS	Hedge/Member	Mnth41	Increase	USD	1,500	1,500	1,700	1,700
CLS	Spec	Mnth42	Increase	USD	1,650	1,500	1,870	1,700
CLS	Hedge/Member	Mnth42	Increase	USD	1,500	1,500	1,700	1,700
CLS	Spec	Mnth43	Increase	USD	1,650	1,500	1,870	1,700
CLS	Hedge/Member	Mnth43	Increase	USD	1,500	1,500	1,700	1,700
CLS	Spec	Mnth44	Increase	USD	1,650	1,500	1,870	1,700
CLS	Hedge/Member	Mnth44	Increase	USD	1,500	1,500	1,700	1,700
CLS	Spec	Mnth45	Increase	USD	1,650	1,500	1,870	1,700
CLS	Hedge/Member	Mnth45	Increase	USD	1,500	1,500	1,700	1,700
CLS	Spec	Mnth46	Increase	USD	1,650	1,500	1,870	1,700
CLS	Hedge/Member	Mnth46	Increase	USD	1,500	1,500	1,700	1,700
CLS	Spec	Mnth47	Increase	USD	1,650	1,500	1,870	1,700
CLS	Hedge/Member	Mnth47	Increase	USD	1,500	1,500	1,700	1,700
CLS	Spec	Mnth48	Increase	USD	1,650	1,500	1,870	1,700
CLS	Hedge/Member	Mnth48	Increase	USD	1,500	1,500	1,700	1,700
CLS	Spec	Mnth49	Increase	USD	1,650	1,500	1,870	1,700
CLS	Hedge/Member	Mnth49	Increase	USD	1,500	1,500	1,700	1,700
CLS	Spec	Mnth50	Increase	USD	1,650	1,500	1,870	1,700
CLS	Hedge/Member	Mnth50	Increase	USD	1,500	1,500	1,700	1,700
CLS	Spec	Mnth51	Increase	USD	1,650	1,500	1,870	1,700
CLS	Hedge/Member	Mnth51	Increase	USD	1,500	1,500	1,700	1,700
CLS	Spec	Mnth52	Increase	USD	1,650	1,500	1,870	1,700
CLS	Hedge/Member	Mnth52	Increase	USD	1,500	1,500	1,700	1,700
CLS	Spec	Mnth53	Increase	USD	1,650	1,500	1,870	1,700
CLS	Hedge/Member	Mnth53	Increase	USD	1,500	1,500	1,700	1,700
CLS	Spec	Mnth54	Increase	USD	1,650	1,500	1,870	1,700
CLS	Hedge/Member	Mnth54	Increase	USD	1,500	1,500	1,700	1,700
CLS	Spec	Mnth55	Increase	USD	1,650	1,500	1,870	1,700
CLS	Hedge/Member	Mnth55	Increase	USD	1,500	1,500	1,700	1,700
CLS	Spec	Mnth56	Increase	USD	1,650	1,500	1,870	1,700
CLS	Hedge/Member	Mnth56	Increase	USD	1,500	1,500	1,700	1,700
CLS	Spec	Mnth57	Increase	USD	1,650	1,500	1,870	1,700
CLS	Hedge/Member	Mnth57	Increase	USD	1,500	1,500	1,700	1,700
CLS	Spec	Mnth58	Increase	USD	1,650	1,500	1,870	1,700
CLS	Hedge/Member	Mnth58	Increase	USD	1,500	1,500	1,700	1,700
CLS	Spec	Mnth59	Increase	USD	1,650	1,500	1,870	1,700
CLS	Hedge/Member	Mnth59	Increase	USD	1,500	1,500	1,700	1,700
CLS	Spec	Mnth60	Increase	USD	1,650	1,500	1,870	1,700

SPAN MINIMUM PERFORMANCE BOND REQUIREMENTS

CC	Rate Type	Description	Change	ISO	Current Initial	Current Maintenance	New Initial	New Maintenance
Outright Rates								
CLS	Hedge/Member	Mnth60	Increase	USD	1,500	1,500	1,700	1,700
CLS	Spec	Mnth61	Increase	USD	1,650	1,500	1,870	1,700
CLS	Hedge/Member	Mnth61	Increase	USD	1,500	1,500	1,700	1,700
CLS	Spec	Mnth62	Increase	USD	1,650	1,500	1,870	1,700
CLS	Hedge/Member	Mnth62	Increase	USD	1,500	1,500	1,700	1,700
CLS	Spec	Mnth63	Increase	USD	1,650	1,500	1,870	1,700
CLS	Hedge/Member	Mnth63	Increase	USD	1,500	1,500	1,700	1,700
CLS	Spec	Mnth64	Increase	USD	1,650	1,500	1,870	1,700
CLS	Hedge/Member	Mnth64	Increase	USD	1,500	1,500	1,700	1,700
CLS	Spec	Mnth65+	Increase	USD	1,650	1,500	1,870	1,700
CLS	Hedge/Member	Mnth65+	Increase	USD	1,500	1,500	1,700	1,700

SPAN MINIMUM PERFORMANCE BOND REQUIREMENTS

CC	Rate Type	Description	Change	ISO	Current Initial	Current Maintenance	New Initial	New Maintenance
Outright Rates								
CRUDE OIL TRADE AT SETTLEMENT (CLT)								
CLT	Spec	Mnth1	Increase	USD	3,245	2,950	3,740	3,400
CLT	Hedge/Member	Mnth1	Increase	USD	2,950	2,950	3,400	3,400
CLT	Spec	Mnth2	Increase	USD	3,190	2,900	3,630	3,300
CLT	Hedge/Member	Mnth2	Increase	USD	2,900	2,900	3,300	3,300
CLT	Spec	Mnth3	Increase	USD	3,135	2,850	3,520	3,200
CLT	Hedge/Member	Mnth3	Increase	USD	2,850	2,850	3,200	3,200
CLT	Spec	Mnth4	Increase	USD	2,970	2,700	3,300	3,000
CLT	Hedge/Member	Mnth4	Increase	USD	2,700	2,700	3,000	3,000
CLT	Spec	Mnth5	Increase	USD	2,805	2,550	3,135	2,850
CLT	Hedge/Member	Mnth5	Increase	USD	2,550	2,550	2,850	2,850
CLT	Spec	Mnth6	Increase	USD	2,695	2,450	3,025	2,750
CLT	Hedge/Member	Mnth6	Increase	USD	2,450	2,450	2,750	2,750
CLT	Spec	Mnth7	Increase	USD	2,585	2,350	2,915	2,650
CLT	Hedge/Member	Mnth7	Increase	USD	2,350	2,350	2,650	2,650
CLT	Spec	Mnth8	Increase	USD	2,530	2,300	2,860	2,600
CLT	Hedge/Member	Mnth8	Increase	USD	2,300	2,300	2,600	2,600
CLT	Spec	Mnth9	Increase	USD	2,475	2,250	2,805	2,550
CLT	Hedge/Member	Mnth9	Increase	USD	2,250	2,250	2,550	2,550
CLT	Spec	Mnth10	Increase	USD	2,420	2,200	2,750	2,500
CLT	Hedge/Member	Mnth10	Increase	USD	2,200	2,200	2,500	2,500
CLT	Spec	Mnth11	Increase	USD	2,365	2,150	2,695	2,450
CLT	Hedge/Member	Mnth11	Increase	USD	2,150	2,150	2,450	2,450
CLT	Spec	Mnth12	Increase	USD	2,310	2,100	2,640	2,400
CLT	Hedge/Member	Mnth12	Increase	USD	2,100	2,100	2,400	2,400
CLT	Spec	Mnth13	Increase	USD	2,310	2,100	2,640	2,400
CLT	Hedge/Member	Mnth13	Increase	USD	2,100	2,100	2,400	2,400
CLT	Spec	Mnth14	Increase	USD	2,255	2,050	2,585	2,350
CLT	Hedge/Member	Mnth14	Increase	USD	2,050	2,050	2,350	2,350
CLT	Spec	Mnth15	Increase	USD	2,145	1,950	2,475	2,250
CLT	Hedge/Member	Mnth15	Increase	USD	1,950	1,950	2,250	2,250
CLT	Spec	Mnth16	Increase	USD	2,090	1,900	2,420	2,200
CLT	Hedge/Member	Mnth16	Increase	USD	1,900	1,900	2,200	2,200
CLT	Spec	Mnth17	Increase	USD	2,090	1,900	2,420	2,200
CLT	Hedge/Member	Mnth17	Increase	USD	1,900	1,900	2,200	2,200
CLT	Spec	Mnth18	Increase	USD	1,980	1,800	2,310	2,100
CLT	Hedge/Member	Mnth18	Increase	USD	1,800	1,800	2,100	2,100
CLT	Spec	Mnth19	Increase	USD	1,980	1,800	2,310	2,100
CLT	Hedge/Member	Mnth19	Increase	USD	1,800	1,800	2,100	2,100
CLT	Spec	Mnth20	Increase	USD	1,925	1,750	2,255	2,050

SPAN MINIMUM PERFORMANCE BOND REQUIREMENTS

CC	Rate Type	Description	Change	ISO	Current Initial	Current Maintenance	New Initial	New Maintenance
Outright Rates								
CLT	Hedge/Member	Mnth20	Increase	USD	1,750	1,750	2,050	2,050
CLT	Spec	Mnth21	Increase	USD	1,870	1,700	2,200	2,000
CLT	Hedge/Member	Mnth21	Increase	USD	1,700	1,700	2,000	2,000
CLT	Spec	Mnth22	Increase	USD	1,870	1,700	2,200	2,000
CLT	Hedge/Member	Mnth22	Increase	USD	1,700	1,700	2,000	2,000
CLT	Spec	Mnth23	Increase	USD	1,815	1,650	2,145	1,950
CLT	Hedge/Member	Mnth23	Increase	USD	1,650	1,650	1,950	1,950
CLT	Spec	Mnth24	Increase	USD	1,815	1,650	2,145	1,950
CLT	Hedge/Member	Mnth24	Increase	USD	1,650	1,650	1,950	1,950
CLT	Spec	Mnth25	Increase	USD	1,815	1,650	2,145	1,950
CLT	Hedge/Member	Mnth25	Increase	USD	1,650	1,650	1,950	1,950
CLT	Spec	Mnth26	Increase	USD	1,760	1,600	2,090	1,900
CLT	Hedge/Member	Mnth26	Increase	USD	1,600	1,600	1,900	1,900
CLT	Spec	Mnth27	Increase	USD	1,760	1,600	2,090	1,900
CLT	Hedge/Member	Mnth27	Increase	USD	1,600	1,600	1,900	1,900
CLT	Spec	Mnth28	Increase	USD	1,760	1,600	2,090	1,900
CLT	Hedge/Member	Mnth28	Increase	USD	1,600	1,600	1,900	1,900
CLT	Spec	Mnth29	Increase	USD	1,650	1,500	1,980	1,800
CLT	Hedge/Member	Mnth29	Increase	USD	1,500	1,500	1,800	1,800
CLT	Spec	Mnth30	Increase	USD	1,650	1,500	1,980	1,800
CLT	Hedge/Member	Mnth30	Increase	USD	1,500	1,500	1,800	1,800
CLT	Spec	Mnth31	Increase	USD	1,650	1,500	1,980	1,800
CLT	Hedge/Member	Mnth31	Increase	USD	1,500	1,500	1,800	1,800
CLT	Spec	Mnth32	Increase	USD	1,650	1,500	1,870	1,700
CLT	Hedge/Member	Mnth32	Increase	USD	1,500	1,500	1,700	1,700
CLT	Spec	Mnth33	Increase	USD	1,650	1,500	1,870	1,700
CLT	Hedge/Member	Mnth33	Increase	USD	1,500	1,500	1,700	1,700
CLT	Spec	Mnth34	Increase	USD	1,650	1,500	1,870	1,700
CLT	Hedge/Member	Mnth34	Increase	USD	1,500	1,500	1,700	1,700
CLT	Spec	Mnth35	Increase	USD	1,650	1,500	1,870	1,700
CLT	Hedge/Member	Mnth35	Increase	USD	1,500	1,500	1,700	1,700
CLT	Spec	Mnth36	Increase	USD	1,650	1,500	1,870	1,700
CLT	Hedge/Member	Mnth36	Increase	USD	1,500	1,500	1,700	1,700
CLT	Spec	Mnth37	Increase	USD	1,650	1,500	1,870	1,700
CLT	Hedge/Member	Mnth37	Increase	USD	1,500	1,500	1,700	1,700
CLT	Spec	Mnth38	Increase	USD	1,650	1,500	1,870	1,700
CLT	Hedge/Member	Mnth38	Increase	USD	1,500	1,500	1,700	1,700
CLT	Spec	Mnth39	Increase	USD	1,650	1,500	1,870	1,700
CLT	Hedge/Member	Mnth39	Increase	USD	1,500	1,500	1,700	1,700
CLT	Spec	Mnth40	Increase	USD	1,650	1,500	1,870	1,700

SPAN MINIMUM PERFORMANCE BOND REQUIREMENTS

CC	Rate Type	Description	Change	ISO	Current Initial	Current Maintenance	New Initial	New Maintenance
Outright Rates								
CLT	Hedge/Member	Mnth40	Increase	USD	1,500	1,500	1,700	1,700
CLT	Spec	Mnth41	Increase	USD	1,650	1,500	1,870	1,700
CLT	Hedge/Member	Mnth41	Increase	USD	1,500	1,500	1,700	1,700
CLT	Spec	Mnth42	Increase	USD	1,650	1,500	1,870	1,700
CLT	Hedge/Member	Mnth42	Increase	USD	1,500	1,500	1,700	1,700
CLT	Spec	Mnth43	Increase	USD	1,650	1,500	1,870	1,700
CLT	Hedge/Member	Mnth43	Increase	USD	1,500	1,500	1,700	1,700
CLT	Spec	Mnth44	Increase	USD	1,650	1,500	1,870	1,700
CLT	Hedge/Member	Mnth44	Increase	USD	1,500	1,500	1,700	1,700
CLT	Spec	Mnth45	Increase	USD	1,650	1,500	1,870	1,700
CLT	Hedge/Member	Mnth45	Increase	USD	1,500	1,500	1,700	1,700
CLT	Spec	Mnth46	Increase	USD	1,650	1,500	1,870	1,700
CLT	Hedge/Member	Mnth46	Increase	USD	1,500	1,500	1,700	1,700
CLT	Spec	Mnth47	Increase	USD	1,650	1,500	1,870	1,700
CLT	Hedge/Member	Mnth47	Increase	USD	1,500	1,500	1,700	1,700
CLT	Spec	Mnth48	Increase	USD	1,650	1,500	1,870	1,700
CLT	Hedge/Member	Mnth48	Increase	USD	1,500	1,500	1,700	1,700
CLT	Spec	Mnth49	Increase	USD	1,650	1,500	1,870	1,700
CLT	Hedge/Member	Mnth49	Increase	USD	1,500	1,500	1,700	1,700
CLT	Spec	Mnth50	Increase	USD	1,650	1,500	1,870	1,700
CLT	Hedge/Member	Mnth50	Increase	USD	1,500	1,500	1,700	1,700
CLT	Spec	Mnth51	Increase	USD	1,650	1,500	1,870	1,700
CLT	Hedge/Member	Mnth51	Increase	USD	1,500	1,500	1,700	1,700
CLT	Spec	Mnth52	Increase	USD	1,650	1,500	1,870	1,700
CLT	Hedge/Member	Mnth52	Increase	USD	1,500	1,500	1,700	1,700
CLT	Spec	Mnth53	Increase	USD	1,650	1,500	1,870	1,700
CLT	Hedge/Member	Mnth53	Increase	USD	1,500	1,500	1,700	1,700
CLT	Spec	Mnth54	Increase	USD	1,650	1,500	1,870	1,700
CLT	Hedge/Member	Mnth54	Increase	USD	1,500	1,500	1,700	1,700
CLT	Spec	Mnth55	Increase	USD	1,650	1,500	1,870	1,700
CLT	Hedge/Member	Mnth55	Increase	USD	1,500	1,500	1,700	1,700
CLT	Spec	Mnth56	Increase	USD	1,650	1,500	1,870	1,700
CLT	Hedge/Member	Mnth56	Increase	USD	1,500	1,500	1,700	1,700
CLT	Spec	Mnth57	Increase	USD	1,650	1,500	1,870	1,700
CLT	Hedge/Member	Mnth57	Increase	USD	1,500	1,500	1,700	1,700
CLT	Spec	Mnth58	Increase	USD	1,650	1,500	1,870	1,700
CLT	Hedge/Member	Mnth58	Increase	USD	1,500	1,500	1,700	1,700
CLT	Spec	Mnth59	Increase	USD	1,650	1,500	1,870	1,700
CLT	Hedge/Member	Mnth59	Increase	USD	1,500	1,500	1,700	1,700
CLT	Spec	Mnth60	Increase	USD	1,650	1,500	1,870	1,700

SPAN MINIMUM PERFORMANCE BOND REQUIREMENTS

CC	Rate Type	Description	Change	ISO	Current Initial	Current Maintenance	New Initial	New Maintenance
Outright Rates								
CLT	Hedge/Member	Mnth60	Increase	USD	1,500	1,500	1,700	1,700
CLT	Spec	Mnth61	Increase	USD	1,650	1,500	1,870	1,700
CLT	Hedge/Member	Mnth61	Increase	USD	1,500	1,500	1,700	1,700
CLT	Spec	Mnth62	Increase	USD	1,650	1,500	1,870	1,700
CLT	Hedge/Member	Mnth62	Increase	USD	1,500	1,500	1,700	1,700
CLT	Spec	Mnth63	Increase	USD	1,650	1,500	1,870	1,700
CLT	Hedge/Member	Mnth63	Increase	USD	1,500	1,500	1,700	1,700
CLT	Spec	Mnth64	Increase	USD	1,650	1,500	1,870	1,700
CLT	Hedge/Member	Mnth64	Increase	USD	1,500	1,500	1,700	1,700
CLT	Spec	Mnth65+	Increase	USD	1,650	1,500	1,870	1,700
CLT	Hedge/Member	Mnth65+	Increase	USD	1,500	1,500	1,700	1,700
DATED BRENT (PLATTS) DAILY FUT (7G)								
7G	Spec		Increase	USD	5,500	5,000	5,940	5,400
7G	Hedge/Member		Increase	USD	5,000	5,000	5,400	5,400

SPAN MINIMUM PERFORMANCE BOND REQUIREMENTS

CC	Rate Type	Description	Change	ISO	Current Initial	Current Maintenance	New Initial	New Maintenance
Outright Rates								
DME OMAN CRUDE FUT (DOO)								
DOO	Spec	Mnth1	Increase	USD	3,080	2,800	3,410	3,100
DOO	Hedge/Member	Mnth1	Increase	USD	2,800	2,800	3,100	3,100
DOO	Spec	Mnth2	Increase	USD	3,080	2,800	3,410	3,100
DOO	Hedge/Member	Mnth2	Increase	USD	2,800	2,800	3,100	3,100
DOO	Spec	Mnth3	Increase	USD	3,025	2,750	3,355	3,050
DOO	Hedge/Member	Mnth3	Increase	USD	2,750	2,750	3,050	3,050
DOO	Spec	Mnth4	Increase	USD	3,025	2,750	3,355	3,050
DOO	Hedge/Member	Mnth4	Increase	USD	2,750	2,750	3,050	3,050
DOO	Spec	Mnth5	Increase	USD	3,025	2,750	3,355	3,050
DOO	Hedge/Member	Mnth5	Increase	USD	2,750	2,750	3,050	3,050
DOO	Spec	Mnth6	Increase	USD	3,025	2,750	3,355	3,050
DOO	Hedge/Member	Mnth6	Increase	USD	2,750	2,750	3,050	3,050
DOO	Spec	Mnth7	Increase	USD	3,025	2,750	3,355	3,050
DOO	Hedge/Member	Mnth7	Increase	USD	2,750	2,750	3,050	3,050
DOO	Spec	Mnth8	Increase	USD	3,025	2,750	3,355	3,050
DOO	Hedge/Member	Mnth8	Increase	USD	2,750	2,750	3,050	3,050
DOO	Spec	Mnth9	Increase	USD	3,025	2,750	3,355	3,050
DOO	Hedge/Member	Mnth9	Increase	USD	2,750	2,750	3,050	3,050
DOO	Spec	Mnth10	Increase	USD	3,025	2,750	3,355	3,050
DOO	Hedge/Member	Mnth10	Increase	USD	2,750	2,750	3,050	3,050
DOO	Spec	Mnth11	Increase	USD	2,970	2,700	3,300	3,000
DOO	Hedge/Member	Mnth11	Increase	USD	2,700	2,700	3,000	3,000
DOO	Spec	Mnth12	Increase	USD	2,970	2,700	3,300	3,000
DOO	Hedge/Member	Mnth12	Increase	USD	2,700	2,700	3,000	3,000
DOO	Spec	Mnth13	Increase	USD	2,970	2,700	3,300	3,000
DOO	Hedge/Member	Mnth13	Increase	USD	2,700	2,700	3,000	3,000
DOO	Spec	Mnth14	Increase	USD	2,970	2,700	3,300	3,000
DOO	Hedge/Member	Mnth14	Increase	USD	2,700	2,700	3,000	3,000
DOO	Spec	Mnth15	Increase	USD	2,970	2,700	3,300	3,000
DOO	Hedge/Member	Mnth15	Increase	USD	2,700	2,700	3,000	3,000
DOO	Spec	Mnth16	Increase	USD	2,970	2,700	3,300	3,000
DOO	Hedge/Member	Mnth16	Increase	USD	2,700	2,700	3,000	3,000
DOO	Spec	Mnth17	Increase	USD	2,970	2,700	3,300	3,000
DOO	Hedge/Member	Mnth17	Increase	USD	2,700	2,700	3,000	3,000
DOO	Spec	Mnth18	Increase	USD	2,970	2,700	3,300	3,000
DOO	Hedge/Member	Mnth18	Increase	USD	2,700	2,700	3,000	3,000
DOO	Spec	Mnth19	Increase	USD	2,970	2,700	3,300	3,000
DOO	Hedge/Member	Mnth19	Increase	USD	2,700	2,700	3,000	3,000
DOO	Spec	Mnth20	Increase	USD	2,970	2,700	3,300	3,000

SPAN MINIMUM PERFORMANCE BOND REQUIREMENTS

CC	Rate Type	Description	Change	ISO	Current Initial	Current Maintenance	New Initial	New Maintenance
Outright Rates								
DOO	Hedge/Member	Mnth20	Increase	USD	2,700	2,700	3,000	3,000
DOO	Spec	Mnth21	Increase	USD	2,970	2,700	3,300	3,000
DOO	Hedge/Member	Mnth21	Increase	USD	2,700	2,700	3,000	3,000
DOO	Spec	Mnth22	Increase	USD	2,970	2,700	3,300	3,000
DOO	Hedge/Member	Mnth22	Increase	USD	2,700	2,700	3,000	3,000
DOO	Spec	Mnth23	Increase	USD	2,970	2,700	3,300	3,000
DOO	Hedge/Member	Mnth23	Increase	USD	2,700	2,700	3,000	3,000
DOO	Spec	Mnth24	Increase	USD	2,970	2,700	3,300	3,000
DOO	Hedge/Member	Mnth24	Increase	USD	2,700	2,700	3,000	3,000
DOO	Spec	Mnth25	Increase	USD	2,970	2,700	3,300	3,000
DOO	Hedge/Member	Mnth25	Increase	USD	2,700	2,700	3,000	3,000
DOO	Spec	Mnth26	Increase	USD	2,970	2,700	3,300	3,000
DOO	Hedge/Member	Mnth26	Increase	USD	2,700	2,700	3,000	3,000
DOO	Spec	Mnth27	Increase	USD	2,970	2,700	3,300	3,000
DOO	Hedge/Member	Mnth27	Increase	USD	2,700	2,700	3,000	3,000
DOO	Spec	Mnth28	Increase	USD	2,970	2,700	3,300	3,000
DOO	Hedge/Member	Mnth28	Increase	USD	2,700	2,700	3,000	3,000
DOO	Spec	Mnth29	Increase	USD	2,970	2,700	3,300	3,000
DOO	Hedge/Member	Mnth29	Increase	USD	2,700	2,700	3,000	3,000
DOO	Spec	Mnth30	Increase	USD	2,970	2,700	3,300	3,000
DOO	Hedge/Member	Mnth30	Increase	USD	2,700	2,700	3,000	3,000
DOO	Spec	Mnth31	Increase	USD	2,970	2,700	3,300	3,000
DOO	Hedge/Member	Mnth31	Increase	USD	2,700	2,700	3,000	3,000
DOO	Spec	Mnth32	Increase	USD	2,970	2,700	3,300	3,000
DOO	Hedge/Member	Mnth32	Increase	USD	2,700	2,700	3,000	3,000
DOO	Spec	Mnth33	Increase	USD	2,970	2,700	3,300	3,000
DOO	Hedge/Member	Mnth33	Increase	USD	2,700	2,700	3,000	3,000
DOO	Spec	Mnth34	Increase	USD	2,970	2,700	3,300	3,000
DOO	Hedge/Member	Mnth34	Increase	USD	2,700	2,700	3,000	3,000
DOO	Spec	Mnth35+	Increase	USD	2,970	2,700	3,300	3,000
DOO	Hedge/Member	Mnth35+	Increase	USD	2,700	2,700	3,000	3,000

SPAN MINIMUM PERFORMANCE BOND REQUIREMENTS

CC	Rate Type	Description	Change	ISO	Current Initial	Current Maintenance	New Initial	New Maintenance
Outright Rates								
DME OMAN CRUDE OIL (OQ)								
OQ	Spec	Mnth1	Increase	USD	3,080	2,800	3,410	3,100
OQ	Hedge/Member	Mnth1	Increase	USD	2,800	2,800	3,100	3,100
OQ	Spec	Mnth2	Increase	USD	3,080	2,800	3,410	3,100
OQ	Hedge/Member	Mnth2	Increase	USD	2,800	2,800	3,100	3,100
OQ	Spec	Mnth3	Increase	USD	3,025	2,750	3,355	3,050
OQ	Hedge/Member	Mnth3	Increase	USD	2,750	2,750	3,050	3,050
OQ	Spec	Mnth4	Increase	USD	3,025	2,750	3,355	3,050
OQ	Hedge/Member	Mnth4	Increase	USD	2,750	2,750	3,050	3,050
OQ	Spec	Mnth5	Increase	USD	3,025	2,750	3,355	3,050
OQ	Hedge/Member	Mnth5	Increase	USD	2,750	2,750	3,050	3,050
OQ	Spec	Mnth6	Increase	USD	3,025	2,750	3,355	3,050
OQ	Hedge/Member	Mnth6	Increase	USD	2,750	2,750	3,050	3,050
OQ	Spec	Mnth7	Increase	USD	3,025	2,750	3,355	3,050
OQ	Hedge/Member	Mnth7	Increase	USD	2,750	2,750	3,050	3,050
OQ	Spec	Mnth8	Increase	USD	3,025	2,750	3,355	3,050
OQ	Hedge/Member	Mnth8	Increase	USD	2,750	2,750	3,050	3,050
OQ	Spec	Mnth9	Increase	USD	3,025	2,750	3,355	3,050
OQ	Hedge/Member	Mnth9	Increase	USD	2,750	2,750	3,050	3,050
OQ	Spec	Mnth10	Increase	USD	3,025	2,750	3,355	3,050
OQ	Hedge/Member	Mnth10	Increase	USD	2,750	2,750	3,050	3,050
OQ	Spec	Mnth11	Increase	USD	2,970	2,700	3,300	3,000
OQ	Hedge/Member	Mnth11	Increase	USD	2,700	2,700	3,000	3,000
OQ	Spec	Mnth12	Increase	USD	2,970	2,700	3,300	3,000
OQ	Hedge/Member	Mnth12	Increase	USD	2,700	2,700	3,000	3,000
OQ	Spec	Mnth13	Increase	USD	2,970	2,700	3,300	3,000
OQ	Hedge/Member	Mnth13	Increase	USD	2,700	2,700	3,000	3,000
OQ	Spec	Mnth14	Increase	USD	2,970	2,700	3,300	3,000
OQ	Hedge/Member	Mnth14	Increase	USD	2,700	2,700	3,000	3,000
OQ	Spec	Mnth15	Increase	USD	2,970	2,700	3,300	3,000
OQ	Hedge/Member	Mnth15	Increase	USD	2,700	2,700	3,000	3,000
OQ	Spec	Mnth16	Increase	USD	2,970	2,700	3,300	3,000
OQ	Hedge/Member	Mnth16	Increase	USD	2,700	2,700	3,000	3,000
OQ	Spec	Mnth17	Increase	USD	2,970	2,700	3,300	3,000
OQ	Hedge/Member	Mnth17	Increase	USD	2,700	2,700	3,000	3,000
OQ	Spec	Mnth18	Increase	USD	2,970	2,700	3,300	3,000
OQ	Hedge/Member	Mnth18	Increase	USD	2,700	2,700	3,000	3,000
OQ	Spec	Mnth19	Increase	USD	2,970	2,700	3,300	3,000
OQ	Hedge/Member	Mnth19	Increase	USD	2,700	2,700	3,000	3,000
OQ	Spec	Mnth20	Increase	USD	2,970	2,700	3,300	3,000

SPAN MINIMUM PERFORMANCE BOND REQUIREMENTS

CC	Rate Type	Description	Change	ISO	Current Initial	Current Maintenance	New Initial	New Maintenance
Outright Rates								
OQ	Hedge/Member	Mnth20	Increase	USD	2,700	2,700	3,000	3,000
OQ	Spec	Mnth21	Increase	USD	2,970	2,700	3,300	3,000
OQ	Hedge/Member	Mnth21	Increase	USD	2,700	2,700	3,000	3,000
OQ	Spec	Mnth22	Increase	USD	2,970	2,700	3,300	3,000
OQ	Hedge/Member	Mnth22	Increase	USD	2,700	2,700	3,000	3,000
OQ	Spec	Mnth23	Increase	USD	2,970	2,700	3,300	3,000
OQ	Hedge/Member	Mnth23	Increase	USD	2,700	2,700	3,000	3,000
OQ	Spec	Mnth24	Increase	USD	2,970	2,700	3,300	3,000
OQ	Hedge/Member	Mnth24	Increase	USD	2,700	2,700	3,000	3,000
OQ	Spec	Mnth25	Increase	USD	2,970	2,700	3,300	3,000
OQ	Hedge/Member	Mnth25	Increase	USD	2,700	2,700	3,000	3,000
OQ	Spec	Mnth26	Increase	USD	2,970	2,700	3,300	3,000
OQ	Hedge/Member	Mnth26	Increase	USD	2,700	2,700	3,000	3,000
OQ	Spec	Mnth27	Increase	USD	2,970	2,700	3,300	3,000
OQ	Hedge/Member	Mnth27	Increase	USD	2,700	2,700	3,000	3,000
OQ	Spec	Mnth28	Increase	USD	2,970	2,700	3,300	3,000
OQ	Hedge/Member	Mnth28	Increase	USD	2,700	2,700	3,000	3,000
OQ	Spec	Mnth29	Increase	USD	2,970	2,700	3,300	3,000
OQ	Hedge/Member	Mnth29	Increase	USD	2,700	2,700	3,000	3,000
OQ	Spec	Mnth30	Increase	USD	2,970	2,700	3,300	3,000
OQ	Hedge/Member	Mnth30	Increase	USD	2,700	2,700	3,000	3,000
OQ	Spec	Mnth31	Increase	USD	2,970	2,700	3,300	3,000
OQ	Hedge/Member	Mnth31	Increase	USD	2,700	2,700	3,000	3,000
OQ	Spec	Mnth32	Increase	USD	2,970	2,700	3,300	3,000
OQ	Hedge/Member	Mnth32	Increase	USD	2,700	2,700	3,000	3,000
OQ	Spec	Mnth33	Increase	USD	2,970	2,700	3,300	3,000
OQ	Hedge/Member	Mnth33	Increase	USD	2,700	2,700	3,000	3,000
OQ	Spec	Mnth34	Increase	USD	2,970	2,700	3,300	3,000
OQ	Hedge/Member	Mnth34	Increase	USD	2,700	2,700	3,000	3,000
OQ	Spec	Mnth35+	Increase	USD	2,970	2,700	3,300	3,000
OQ	Hedge/Member	Mnth35+	Increase	USD	2,700	2,700	3,000	3,000
OQ	Spec	Days 1 - 3	Increase	USD	3,080	2,800	4,510	4,100
OQ	Hedge/Member	Days 1 - 3	Increase	USD	2,800	2,800	4,100	4,100
DUBAI CRUDE OIL BALMO (BI)								
BI	Spec	All Months	Increase	USD	4,400	4,000	4,840	4,400
BI	Hedge/Member	All Months	Increase	USD	4,000	4,000	4,400	4,400

SPAN MINIMUM PERFORMANCE BOND REQUIREMENTS

CC	Rate Type	Description	Change	ISO	Current Initial	Current Maintenance	New Initial	New Maintenance
Outright Rates								
DUBAI CRUDE OIL CALENDAR FUT (DC)								
DC	Spec	Mnth1	Increase	USD	3,080	2,800	3,410	3,100
DC	Hedge/Member	Mnth1	Increase	USD	2,800	2,800	3,100	3,100
DC	Spec	Mnth2	Increase	USD	3,080	2,800	3,410	3,100
DC	Hedge/Member	Mnth2	Increase	USD	2,800	2,800	3,100	3,100
DC	Spec	Mnth3	Increase	USD	3,025	2,750	3,355	3,050
DC	Hedge/Member	Mnth3	Increase	USD	2,750	2,750	3,050	3,050
DC	Spec	Mnth4	Increase	USD	3,025	2,750	3,355	3,050
DC	Hedge/Member	Mnth4	Increase	USD	2,750	2,750	3,050	3,050
DC	Spec	Mnth5	Increase	USD	3,025	2,750	3,355	3,050
DC	Hedge/Member	Mnth5	Increase	USD	2,750	2,750	3,050	3,050
DC	Spec	Mnth6	Increase	USD	3,025	2,750	3,355	3,050
DC	Hedge/Member	Mnth6	Increase	USD	2,750	2,750	3,050	3,050
DC	Spec	Mnth7	Increase	USD	3,025	2,750	3,355	3,050
DC	Hedge/Member	Mnth7	Increase	USD	2,750	2,750	3,050	3,050
DC	Spec	Mnth8	Increase	USD	3,025	2,750	3,355	3,050
DC	Hedge/Member	Mnth8	Increase	USD	2,750	2,750	3,050	3,050
DC	Spec	Mnth9	Increase	USD	3,025	2,750	3,355	3,050
DC	Hedge/Member	Mnth9	Increase	USD	2,750	2,750	3,050	3,050
DC	Spec	Mnth10	Increase	USD	3,025	2,750	3,355	3,050
DC	Hedge/Member	Mnth10	Increase	USD	2,750	2,750	3,050	3,050
DC	Spec	Mnth11	Increase	USD	2,970	2,700	3,300	3,000
DC	Hedge/Member	Mnth11	Increase	USD	2,700	2,700	3,000	3,000
DC	Spec	Mnth12	Increase	USD	2,970	2,700	3,300	3,000
DC	Hedge/Member	Mnth12	Increase	USD	2,700	2,700	3,000	3,000
DC	Spec	Mnth13	Increase	USD	2,970	2,700	3,300	3,000
DC	Hedge/Member	Mnth13	Increase	USD	2,700	2,700	3,000	3,000
DC	Spec	Mnth14	Increase	USD	2,970	2,700	3,300	3,000
DC	Hedge/Member	Mnth14	Increase	USD	2,700	2,700	3,000	3,000
DC	Spec	Mnth15	Increase	USD	2,970	2,700	3,300	3,000
DC	Hedge/Member	Mnth15	Increase	USD	2,700	2,700	3,000	3,000
DC	Spec	Mnth16	Increase	USD	2,970	2,700	3,300	3,000
DC	Hedge/Member	Mnth16	Increase	USD	2,700	2,700	3,000	3,000
DC	Spec	Mnth17	Increase	USD	2,970	2,700	3,300	3,000
DC	Hedge/Member	Mnth17	Increase	USD	2,700	2,700	3,000	3,000
DC	Spec	Mnth18	Increase	USD	2,970	2,700	3,300	3,000
DC	Hedge/Member	Mnth18	Increase	USD	2,700	2,700	3,000	3,000
DC	Spec	Mnth19	Increase	USD	2,970	2,700	3,300	3,000
DC	Hedge/Member	Mnth19	Increase	USD	2,700	2,700	3,000	3,000
DC	Spec	Mnth20	Increase	USD	2,970	2,700	3,300	3,000

SPAN MINIMUM PERFORMANCE BOND REQUIREMENTS

CC	Rate Type	Description	Change	ISO	Current Initial	Current Maintenance	New Initial	New Maintenance
Outright Rates								
DC	Hedge/Member	Mnth20	Increase	USD	2,700	2,700	3,000	3,000
DC	Spec	Mnth21	Increase	USD	2,970	2,700	3,300	3,000
DC	Hedge/Member	Mnth21	Increase	USD	2,700	2,700	3,000	3,000
DC	Spec	Mnth22	Increase	USD	2,970	2,700	3,300	3,000
DC	Hedge/Member	Mnth22	Increase	USD	2,700	2,700	3,000	3,000
DC	Spec	Mnth23	Increase	USD	2,970	2,700	3,300	3,000
DC	Hedge/Member	Mnth23	Increase	USD	2,700	2,700	3,000	3,000
DC	Spec	Mnth24	Increase	USD	2,970	2,700	3,300	3,000
DC	Hedge/Member	Mnth24	Increase	USD	2,700	2,700	3,000	3,000
DC	Spec	Mnth25	Increase	USD	2,970	2,700	3,300	3,000
DC	Hedge/Member	Mnth25	Increase	USD	2,700	2,700	3,000	3,000
DC	Spec	Mnth26	Increase	USD	2,970	2,700	3,300	3,000
DC	Hedge/Member	Mnth26	Increase	USD	2,700	2,700	3,000	3,000
DC	Spec	Mnth27	Increase	USD	2,970	2,700	3,300	3,000
DC	Hedge/Member	Mnth27	Increase	USD	2,700	2,700	3,000	3,000
DC	Spec	Mnth28	Increase	USD	2,970	2,700	3,300	3,000
DC	Hedge/Member	Mnth28	Increase	USD	2,700	2,700	3,000	3,000
DC	Spec	Mnth29	Increase	USD	2,970	2,700	3,300	3,000
DC	Hedge/Member	Mnth29	Increase	USD	2,700	2,700	3,000	3,000
DC	Spec	Mnth30	Increase	USD	2,970	2,700	3,300	3,000
DC	Hedge/Member	Mnth30	Increase	USD	2,700	2,700	3,000	3,000
DC	Spec	Mnth31	Increase	USD	2,970	2,700	3,300	3,000
DC	Hedge/Member	Mnth31	Increase	USD	2,700	2,700	3,000	3,000
DC	Spec	Mnth32	Increase	USD	2,970	2,700	3,300	3,000
DC	Hedge/Member	Mnth32	Increase	USD	2,700	2,700	3,000	3,000
DC	Spec	Mnth33	Increase	USD	2,970	2,700	3,300	3,000
DC	Hedge/Member	Mnth33	Increase	USD	2,700	2,700	3,000	3,000
DC	Spec	Mnth34	Increase	USD	2,970	2,700	3,300	3,000
DC	Hedge/Member	Mnth34	Increase	USD	2,700	2,700	3,000	3,000
DC	Spec	Mnth35+	Increase	USD	2,970	2,700	3,300	3,000
DC	Hedge/Member	Mnth35+	Increase	USD	2,700	2,700	3,000	3,000

SPAN MINIMUM PERFORMANCE BOND REQUIREMENTS

CC	Rate Type	Description	Change	ISO	Current Initial	Current Maintenance	New Initial	New Maintenance
Outright Rates								
E-MINI CRUDE OIL FUTURES (QM)								
QM	Spec	Mnth1	Increase	USD	1,623	1,475	1,870	1,700
QM	Hedge/Member	Mnth1	Increase	USD	1,475	1,475	1,700	1,700
QM	Spec	Mnth2	Increase	USD	1,595	1,450	1,815	1,650
QM	Hedge/Member	Mnth2	Increase	USD	1,450	1,450	1,650	1,650
QM	Spec	Mnth3	Increase	USD	1,568	1,425	1,760	1,600
QM	Hedge/Member	Mnth3	Increase	USD	1,425	1,425	1,600	1,600
QM	Spec	Mnth4	Increase	USD	1,485	1,350	1,650	1,500
QM	Hedge/Member	Mnth4	Increase	USD	1,350	1,350	1,500	1,500
QM	Spec	Mnth5	Increase	USD	1,403	1,275	1,568	1,425
QM	Hedge/Member	Mnth5	Increase	USD	1,275	1,275	1,425	1,425
QM	Spec	Mnth6	Increase	USD	1,348	1,225	1,513	1,375
QM	Hedge/Member	Mnth6	Increase	USD	1,225	1,225	1,375	1,375
QM	Spec	Mnth7	Increase	USD	1,293	1,175	1,458	1,325
QM	Hedge/Member	Mnth7	Increase	USD	1,175	1,175	1,325	1,325
QM	Spec	Mnth8	Increase	USD	1,265	1,150	1,430	1,300
QM	Hedge/Member	Mnth8	Increase	USD	1,150	1,150	1,300	1,300
QM	Spec	Mnth9	Increase	USD	1,238	1,125	1,403	1,275
QM	Hedge/Member	Mnth9	Increase	USD	1,125	1,125	1,275	1,275
QM	Spec	Mnth10	Increase	USD	1,210	1,100	1,375	1,250
QM	Hedge/Member	Mnth10	Increase	USD	1,100	1,100	1,250	1,250
QM	Spec	Mnth11	Increase	USD	1,183	1,075	1,348	1,225
QM	Hedge/Member	Mnth11	Increase	USD	1,075	1,075	1,225	1,225
QM	Spec	Mnth12	Increase	USD	1,155	1,050	1,320	1,200
QM	Hedge/Member	Mnth12	Increase	USD	1,050	1,050	1,200	1,200
QM	Spec	Mnth13	Increase	USD	1,155	1,050	1,320	1,200
QM	Hedge/Member	Mnth13	Increase	USD	1,050	1,050	1,200	1,200
QM	Spec	Mnth14	Increase	USD	1,128	1,025	1,293	1,175
QM	Hedge/Member	Mnth14	Increase	USD	1,025	1,025	1,175	1,175
QM	Spec	Mnth15	Increase	USD	1,073	975	1,238	1,125
QM	Hedge/Member	Mnth15	Increase	USD	975	975	1,125	1,125
QM	Spec	Mnth16	Increase	USD	1,045	950	1,210	1,100
QM	Hedge/Member	Mnth16	Increase	USD	950	950	1,100	1,100
QM	Spec	Mnth17	Increase	USD	1,045	950	1,210	1,100
QM	Hedge/Member	Mnth17	Increase	USD	950	950	1,100	1,100
QM	Spec	Mnth18	Increase	USD	990	900	1,155	1,050
QM	Hedge/Member	Mnth18	Increase	USD	900	900	1,050	1,050
QM	Spec	Mnth19	Increase	USD	990	900	1,155	1,050
QM	Hedge/Member	Mnth19	Increase	USD	900	900	1,050	1,050
QM	Spec	Mnth20	Increase	USD	963	875	1,128	1,025

SPAN MINIMUM PERFORMANCE BOND REQUIREMENTS

CC	Rate Type	Description	Change	ISO	Current Initial	Current Maintenance	New Initial	New Maintenance
Outright Rates								
QM	Hedge/Member	Mnth20	Increase	USD	875	875	1,025	1,025
QM	Spec	Mnth21	Increase	USD	935	850	1,100	1,000
QM	Hedge/Member	Mnth21	Increase	USD	850	850	1,000	1,000
QM	Spec	Mnth22	Increase	USD	935	850	1,100	1,000
QM	Hedge/Member	Mnth22	Increase	USD	850	850	1,000	1,000
QM	Spec	Mnth23	Increase	USD	908	825	1,073	975
QM	Hedge/Member	Mnth23	Increase	USD	825	825	975	975
QM	Spec	Mnth24	Increase	USD	908	825	1,073	975
QM	Hedge/Member	Mnth24	Increase	USD	825	825	975	975
QM	Spec	Mnth25	Increase	USD	908	825	1,073	975
QM	Hedge/Member	Mnth25	Increase	USD	825	825	975	975
QM	Spec	Mnth26	Increase	USD	880	800	1,045	950
QM	Hedge/Member	Mnth26	Increase	USD	800	800	950	950
QM	Spec	Mnth27	Increase	USD	880	800	1,045	950
QM	Hedge/Member	Mnth27	Increase	USD	800	800	950	950
QM	Spec	Mnth28	Increase	USD	880	800	1,045	950
QM	Hedge/Member	Mnth28	Increase	USD	800	800	950	950
QM	Spec	Mnth29	Increase	USD	825	750	990	900
QM	Hedge/Member	Mnth29	Increase	USD	750	750	900	900
QM	Spec	Mnth30	Increase	USD	825	750	990	900
QM	Hedge/Member	Mnth30	Increase	USD	750	750	900	900
QM	Spec	Mnth31	Increase	USD	825	750	990	900
QM	Hedge/Member	Mnth31	Increase	USD	750	750	900	900
QM	Spec	Mnth32	Increase	USD	825	750	935	850
QM	Hedge/Member	Mnth32	Increase	USD	750	750	850	850
QM	Spec	Mnth33	Increase	USD	825	750	935	850
QM	Hedge/Member	Mnth33	Increase	USD	750	750	850	850
QM	Spec	Mnth34	Increase	USD	825	750	935	850
QM	Hedge/Member	Mnth34	Increase	USD	750	750	850	850
QM	Spec	Mnth35	Increase	USD	825	750	935	850
QM	Hedge/Member	Mnth35	Increase	USD	750	750	850	850
QM	Spec	Mnth36	Increase	USD	825	750	935	850
QM	Hedge/Member	Mnth36	Increase	USD	750	750	850	850
QM	Spec	Mnth37	Increase	USD	825	750	935	850
QM	Hedge/Member	Mnth37	Increase	USD	750	750	850	850
QM	Spec	Mnth38	Increase	USD	825	750	935	850
QM	Hedge/Member	Mnth38	Increase	USD	750	750	850	850
QM	Spec	Mnth39	Increase	USD	825	750	935	850
QM	Hedge/Member	Mnth39	Increase	USD	750	750	850	850
QM	Spec	Mnth40	Increase	USD	825	750	935	850

SPAN MINIMUM PERFORMANCE BOND REQUIREMENTS

CC	Rate Type	Description	Change	ISO	Current Initial	Current Maintenance	New Initial	New Maintenance
Outright Rates								
QM	Hedge/Member	Mnth40	Increase	USD	750	750	850	850
QM	Spec	Mnth41	Increase	USD	825	750	935	850
QM	Hedge/Member	Mnth41	Increase	USD	750	750	850	850
QM	Spec	Mnth42	Increase	USD	825	750	935	850
QM	Hedge/Member	Mnth42	Increase	USD	750	750	850	850
QM	Spec	Mnth43	Increase	USD	825	750	935	850
QM	Hedge/Member	Mnth43	Increase	USD	750	750	850	850
QM	Spec	Mnth44	Increase	USD	825	750	935	850
QM	Hedge/Member	Mnth44	Increase	USD	750	750	850	850
QM	Spec	Mnth45	Increase	USD	825	750	935	850
QM	Hedge/Member	Mnth45	Increase	USD	750	750	850	850
QM	Spec	Mnth46	Increase	USD	825	750	935	850
QM	Hedge/Member	Mnth46	Increase	USD	750	750	850	850
QM	Spec	Mnth47	Increase	USD	825	750	935	850
QM	Hedge/Member	Mnth47	Increase	USD	750	750	850	850
QM	Spec	Mnth48	Increase	USD	825	750	935	850
QM	Hedge/Member	Mnth48	Increase	USD	750	750	850	850
QM	Spec	Mnth49	Increase	USD	825	750	935	850
QM	Hedge/Member	Mnth49	Increase	USD	750	750	850	850
QM	Spec	Mnth50	Increase	USD	825	750	935	850
QM	Hedge/Member	Mnth50	Increase	USD	750	750	850	850
QM	Spec	Mnth51	Increase	USD	825	750	935	850
QM	Hedge/Member	Mnth51	Increase	USD	750	750	850	850
QM	Spec	Mnth52	Increase	USD	825	750	935	850
QM	Hedge/Member	Mnth52	Increase	USD	750	750	850	850
QM	Spec	Mnth53	Increase	USD	825	750	935	850
QM	Hedge/Member	Mnth53	Increase	USD	750	750	850	850
QM	Spec	Mnth54	Increase	USD	825	750	935	850
QM	Hedge/Member	Mnth54	Increase	USD	750	750	850	850
QM	Spec	Mnth55	Increase	USD	825	750	935	850
QM	Hedge/Member	Mnth55	Increase	USD	750	750	850	850
QM	Spec	Mnth56	Increase	USD	825	750	935	850
QM	Hedge/Member	Mnth56	Increase	USD	750	750	850	850
QM	Spec	Mnth57	Increase	USD	825	750	935	850
QM	Hedge/Member	Mnth57	Increase	USD	750	750	850	850
QM	Spec	Mnth58	Increase	USD	825	750	935	850
QM	Hedge/Member	Mnth58	Increase	USD	750	750	850	850
QM	Spec	Mnth59	Increase	USD	825	750	935	850
QM	Hedge/Member	Mnth59	Increase	USD	750	750	850	850
QM	Spec	Mnth60	Increase	USD	825	750	935	850

SPAN MINIMUM PERFORMANCE BOND REQUIREMENTS

CC	Rate Type	Description	Change	ISO	Current Initial	Current Maintenance	New Initial	New Maintenance
Outright Rates								
QM	Hedge/Member	Mnth60	Increase	USD	750	750	850	850
QM	Spec	Mnth61	Increase	USD	825	750	935	850
QM	Hedge/Member	Mnth61	Increase	USD	750	750	850	850
QM	Spec	Mnth62	Increase	USD	825	750	935	850
QM	Hedge/Member	Mnth62	Increase	USD	750	750	850	850
QM	Spec	Mnth63	Increase	USD	825	750	935	850
QM	Hedge/Member	Mnth63	Increase	USD	750	750	850	850
QM	Spec	Mnth64	Increase	USD	825	750	935	850
QM	Hedge/Member	Mnth64	Increase	USD	750	750	850	850
QM	Spec	Mnth65+	Increase	USD	825	750	935	850
QM	Hedge/Member	Mnth65+	Increase	USD	750	750	850	850
EUROPE DATED BRENT FUT (UB)								
UB	Spec	Mths 1 - 6	New	USD	3,630	3,300	3,960	3,600
UB	Hedge/Member	Mths 1 - 6	New	USD	3,300	3,300	3,600	3,600
GULF COAST SOUR CRUDE OIL (MB)								
MB	Spec		Increase	USD	3,850	3,500	4,180	3,800
MB	Hedge/Member		Increase	USD	3,500	3,500	3,800	3,800

SPAN MINIMUM PERFORMANCE BOND REQUIREMENTS

CC	Rate Type	Description	Change	ISO	Current Initial	Current Maintenance	New Initial	New Maintenance
Outright Rates								
ICE BRENT (SINGAPORE MARKER) FUT (IBS)								
IBS	Spec	Mnth1	Increase	USD	3,410	3,100	3,740	3,400
IBS	Hedge/Member	Mnth1	Increase	USD	3,100	3,100	3,400	3,400
IBS	Spec	Mnth2	Increase	USD	3,300	3,000	3,630	3,300
IBS	Hedge/Member	Mnth2	Increase	USD	3,000	3,000	3,300	3,300
IBS	Spec	Mnth3	Increase	USD	3,300	3,000	3,630	3,300
IBS	Hedge/Member	Mnth3	Increase	USD	3,000	3,000	3,300	3,300
IBS	Spec	Mnth4	Increase	USD	3,190	2,900	3,520	3,200
IBS	Hedge/Member	Mnth4	Increase	USD	2,900	2,900	3,200	3,200
IBS	Spec	Mnth5	Increase	USD	3,080	2,800	3,410	3,100
IBS	Hedge/Member	Mnth5	Increase	USD	2,800	2,800	3,100	3,100
IBS	Spec	Mnth6	Increase	USD	2,970	2,700	3,300	3,000
IBS	Hedge/Member	Mnth6	Increase	USD	2,700	2,700	3,000	3,000
IBS	Spec	Mnth7	Increase	USD	2,860	2,600	3,190	2,900
IBS	Hedge/Member	Mnth7	Increase	USD	2,600	2,600	2,900	2,900
IBS	Spec	Mnth8	Increase	USD	2,750	2,500	3,080	2,800
IBS	Hedge/Member	Mnth8	Increase	USD	2,500	2,500	2,800	2,800
IBS	Spec	Mnth9	Increase	USD	2,640	2,400	2,970	2,700
IBS	Hedge/Member	Mnth9	Increase	USD	2,400	2,400	2,700	2,700
IBS	Spec	Mnth10	Increase	USD	2,530	2,300	2,860	2,600
IBS	Hedge/Member	Mnth10	Increase	USD	2,300	2,300	2,600	2,600
IBS	Spec	Mnth11	Increase	USD	2,420	2,200	2,750	2,500
IBS	Hedge/Member	Mnth11	Increase	USD	2,200	2,200	2,500	2,500
IBS	Spec	Mnth12	Increase	USD	2,310	2,100	2,640	2,400
IBS	Hedge/Member	Mnth12	Increase	USD	2,100	2,100	2,400	2,400
IBS	Spec	Mnth13	Increase	USD	2,200	2,000	2,530	2,300
IBS	Hedge/Member	Mnth13	Increase	USD	2,000	2,000	2,300	2,300
IBS	Spec	Mnth14	Increase	USD	2,145	1,950	2,475	2,250
IBS	Hedge/Member	Mnth14	Increase	USD	1,950	1,950	2,250	2,250
IBS	Spec	Mnth15	Increase	USD	2,145	1,950	2,475	2,250
IBS	Hedge/Member	Mnth15	Increase	USD	1,950	1,950	2,250	2,250
IBS	Spec	Mnth16	Increase	USD	2,145	1,950	2,475	2,250
IBS	Hedge/Member	Mnth16	Increase	USD	1,950	1,950	2,250	2,250
IBS	Spec	Mnth17	Increase	USD	2,090	1,900	2,420	2,200
IBS	Hedge/Member	Mnth17	Increase	USD	1,900	1,900	2,200	2,200
IBS	Spec	Mnth18	Increase	USD	2,090	1,900	2,420	2,200
IBS	Hedge/Member	Mnth18	Increase	USD	1,900	1,900	2,200	2,200
IBS	Spec	Mnth19	Increase	USD	2,090	1,900	2,420	2,200
IBS	Hedge/Member	Mnth19	Increase	USD	1,900	1,900	2,200	2,200
IBS	Spec	Mnth20	Increase	USD	2,090	1,900	2,420	2,200

SPAN MINIMUM PERFORMANCE BOND REQUIREMENTS

CC	Rate Type	Description	Change	ISO	Current Initial	Current Maintenance	New Initial	New Maintenance
Outright Rates								
IBS	Hedge/Member	Mnth20	Increase	USD	1,900	1,900	2,200	2,200
IBS	Spec	Mnth21	Increase	USD	2,090	1,900	2,420	2,200
IBS	Hedge/Member	Mnth21	Increase	USD	1,900	1,900	2,200	2,200
IBS	Spec	Mnth22	Increase	USD	2,035	1,850	2,365	2,150
IBS	Hedge/Member	Mnth22	Increase	USD	1,850	1,850	2,150	2,150
IBS	Spec	Mnth23	Increase	USD	2,035	1,850	2,365	2,150
IBS	Hedge/Member	Mnth23	Increase	USD	1,850	1,850	2,150	2,150
IBS	Spec	Mnth24	Increase	USD	2,035	1,850	2,365	2,150
IBS	Hedge/Member	Mnth24	Increase	USD	1,850	1,850	2,150	2,150
IBS	Spec	Mnth25	Increase	USD	2,035	1,850	2,365	2,150
IBS	Hedge/Member	Mnth25	Increase	USD	1,850	1,850	2,150	2,150
IBS	Spec	Mnth26	Increase	USD	2,035	1,850	2,365	2,150
IBS	Hedge/Member	Mnth26	Increase	USD	1,850	1,850	2,150	2,150
IBS	Spec	Mnth27	Increase	USD	2,035	1,850	2,365	2,150
IBS	Hedge/Member	Mnth27	Increase	USD	1,850	1,850	2,150	2,150
IBS	Spec	Mnth28	Increase	USD	1,980	1,800	2,310	2,100
IBS	Hedge/Member	Mnth28	Increase	USD	1,800	1,800	2,100	2,100
IBS	Spec	Mnth29	Increase	USD	1,980	1,800	2,310	2,100
IBS	Hedge/Member	Mnth29	Increase	USD	1,800	1,800	2,100	2,100
IBS	Spec	Mnth30	Increase	USD	1,980	1,800	2,310	2,100
IBS	Hedge/Member	Mnth30	Increase	USD	1,800	1,800	2,100	2,100
IBS	Spec	Mnth31	Increase	USD	1,980	1,800	2,310	2,100
IBS	Hedge/Member	Mnth31	Increase	USD	1,800	1,800	2,100	2,100
IBS	Spec	Mnth32	Increase	USD	1,980	1,800	2,310	2,100
IBS	Hedge/Member	Mnth32	Increase	USD	1,800	1,800	2,100	2,100
IBS	Spec	Mnth33	Increase	USD	1,980	1,800	2,310	2,100
IBS	Hedge/Member	Mnth33	Increase	USD	1,800	1,800	2,100	2,100
IBS	Spec	Mnth34	Increase	USD	1,980	1,800	2,310	2,100
IBS	Hedge/Member	Mnth34	Increase	USD	1,800	1,800	2,100	2,100
IBS	Spec	Mnth35	Increase	USD	1,925	1,750	2,255	2,050
IBS	Hedge/Member	Mnth35	Increase	USD	1,750	1,750	2,050	2,050
IBS	Spec	Mnth36	Increase	USD	1,925	1,750	2,255	2,050
IBS	Hedge/Member	Mnth36	Increase	USD	1,750	1,750	2,050	2,050
IBS	Spec	Mnth37	Increase	USD	1,925	1,750	2,255	2,050
IBS	Hedge/Member	Mnth37	Increase	USD	1,750	1,750	2,050	2,050
IBS	Spec	Mnth38	Increase	USD	1,925	1,750	2,255	2,050
IBS	Hedge/Member	Mnth38	Increase	USD	1,750	1,750	2,050	2,050
IBS	Spec	Mnth39	Increase	USD	1,925	1,750	2,255	2,050
IBS	Hedge/Member	Mnth39	Increase	USD	1,750	1,750	2,050	2,050
IBS	Spec	Mnth40	Increase	USD	1,925	1,750	2,255	2,050

SPAN MINIMUM PERFORMANCE BOND REQUIREMENTS

CC	Rate Type	Description	Change	ISO	Current Initial	Current Maintenance	New Initial	New Maintenance
Outright Rates								
IBS	Hedge/Member	Mnth40	Increase	USD	1,750	1,750	2,050	2,050
IBS	Spec	Mnth41	Increase	USD	1,925	1,750	2,255	2,050
IBS	Hedge/Member	Mnth41	Increase	USD	1,750	1,750	2,050	2,050
IBS	Spec	Mnth42	Increase	USD	1,870	1,700	2,200	2,000
IBS	Hedge/Member	Mnth42	Increase	USD	1,700	1,700	2,000	2,000
IBS	Spec	Mnth43	Increase	USD	1,870	1,700	2,200	2,000
IBS	Hedge/Member	Mnth43	Increase	USD	1,700	1,700	2,000	2,000
IBS	Spec	Mnth44	Increase	USD	1,870	1,700	2,200	2,000
IBS	Hedge/Member	Mnth44	Increase	USD	1,700	1,700	2,000	2,000
IBS	Spec	Mnth45	Increase	USD	1,870	1,700	2,200	2,000
IBS	Hedge/Member	Mnth45	Increase	USD	1,700	1,700	2,000	2,000
IBS	Spec	Mnth46	Increase	USD	1,870	1,700	2,200	2,000
IBS	Hedge/Member	Mnth46	Increase	USD	1,700	1,700	2,000	2,000
IBS	Spec	Mnth47	Increase	USD	1,870	1,700	2,200	2,000
IBS	Hedge/Member	Mnth47	Increase	USD	1,700	1,700	2,000	2,000
IBS	Spec	Mnth48	Increase	USD	1,870	1,700	2,200	2,000
IBS	Hedge/Member	Mnth48	Increase	USD	1,700	1,700	2,000	2,000
IBS	Spec	Mnth49	Increase	USD	1,870	1,700	2,200	2,000
IBS	Hedge/Member	Mnth49	Increase	USD	1,700	1,700	2,000	2,000
IBS	Spec	Mnth50	Increase	USD	1,870	1,700	2,200	2,000
IBS	Hedge/Member	Mnth50	Increase	USD	1,700	1,700	2,000	2,000
IBS	Spec	Mnth51	Increase	USD	1,870	1,700	2,200	2,000
IBS	Hedge/Member	Mnth51	Increase	USD	1,700	1,700	2,000	2,000
IBS	Spec	Mnth52	Increase	USD	1,870	1,700	2,200	2,000
IBS	Hedge/Member	Mnth52	Increase	USD	1,700	1,700	2,000	2,000
IBS	Spec	Mnth53	Increase	USD	1,870	1,700	2,200	2,000
IBS	Hedge/Member	Mnth53	Increase	USD	1,700	1,700	2,000	2,000
IBS	Spec	Mnth54	Increase	USD	1,870	1,700	2,200	2,000
IBS	Hedge/Member	Mnth54	Increase	USD	1,700	1,700	2,000	2,000
IBS	Spec	Mnth55	Increase	USD	1,870	1,700	2,200	2,000
IBS	Hedge/Member	Mnth55	Increase	USD	1,700	1,700	2,000	2,000
IBS	Spec	Mnth56	Increase	USD	1,870	1,700	2,200	2,000
IBS	Hedge/Member	Mnth56	Increase	USD	1,700	1,700	2,000	2,000
IBS	Spec	Mnth57	Increase	USD	1,870	1,700	2,200	2,000
IBS	Hedge/Member	Mnth57	Increase	USD	1,700	1,700	2,000	2,000
IBS	Spec	Mnth58	Increase	USD	1,870	1,700	2,200	2,000
IBS	Hedge/Member	Mnth58	Increase	USD	1,700	1,700	2,000	2,000
IBS	Spec	Mnth59	Increase	USD	1,870	1,700	2,200	2,000
IBS	Hedge/Member	Mnth59	Increase	USD	1,700	1,700	2,000	2,000
IBS	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
Outright Rates								
IBS	Hedge/Member	Mnth60	Increase	USD	1,700	1,700	2,000	2,000
IBS	Spec	Mnth61	Increase	USD	1,870	1,700	2,200	2,000
IBS	Hedge/Member	Mnth61	Increase	USD	1,700	1,700	2,000	2,000
IBS	Spec	Mnth62	Increase	USD	1,870	1,700	2,200	2,000
IBS	Hedge/Member	Mnth62	Increase	USD	1,700	1,700	2,000	2,000
IBS	Spec	Mnth63	Increase	USD	1,870	1,700	2,200	2,000
IBS	Hedge/Member	Mnth63	Increase	USD	1,700	1,700	2,000	2,000
IBS	Spec	Mnth64	Increase	USD	1,870	1,700	2,200	2,000
IBS	Hedge/Member	Mnth64	Increase	USD	1,700	1,700	2,000	2,000
IBS	Spec	Mnth65+	Increase	USD	1,870	1,700	2,200	2,000
IBS	Hedge/Member	Mnth65+	Increase	USD	1,700	1,700	2,000	2,000
LLS (ARGUS) CALENDAR FUT (XA)								
XA	Spec	Mnth 1	Increase	USD	3,520	3,200	3,960	3,600
XA	Hedge/Member	Mnth 1	Increase	USD	3,200	3,200	3,600	3,600
XA	Spec	Mnth 2	Increase	USD	3,300	3,000	3,740	3,400
XA	Hedge/Member	Mnth 2	Increase	USD	3,000	3,000	3,400	3,400
XA	Spec	Mnths 3-6	Increase	USD	3,080	2,800	3,520	3,200
XA	Hedge/Member	Mnths 3-6	Increase	USD	2,800	2,800	3,200	3,200

SPAN MINIMUM PERFORMANCE BOND REQUIREMENTS

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

MICRO BRENT CRUDE OIL FUTURES (MBZ)

MBZ	Spec	Mnth1	Increase	USD	3	3	4	3
MBZ	Hedge/Member	Mnth1	Increase	USD	3	3	3	3
MBZ	Spec	Mnth2	Increase	USD	3	3	4	3
MBZ	Hedge/Member	Mnth2	Increase	USD	3	3	3	3
MBZ	Spec	Mnth3	Increase	USD	3	3	4	3
MBZ	Hedge/Member	Mnth3	Increase	USD	3	3	3	3
MBZ	Spec	Mnth4	Increase	USD	3	3	4	3
MBZ	Hedge/Member	Mnth4	Increase	USD	3	3	3	3
MBZ	Spec	Mnth5	Increase	USD	3	3	3	3
MBZ	Hedge/Member	Mnth5	Increase	USD	3	3	3	3
MBZ	Spec	Mnth6	Increase	USD	3	3	3	3
MBZ	Hedge/Member	Mnth6	Increase	USD	3	3	3	3
MBZ	Spec	Mnth7	Increase	USD	3	3	3	3
MBZ	Hedge/Member	Mnth7	Increase	USD	3	3	3	3
MBZ	Spec	Mnth8	Increase	USD	3	3	3	3
MBZ	Hedge/Member	Mnth8	Increase	USD	3	3	3	3
MBZ	Spec	Mnth9	Increase	USD	3	2	3	3
MBZ	Hedge/Member	Mnth9	Increase	USD	2	2	3	3
MBZ	Spec	Mnth10	Increase	USD	3	2	3	3
MBZ	Hedge/Member	Mnth10	Increase	USD	2	2	3	3
MBZ	Spec	Mnth11	Increase	USD	2	2	3	3
MBZ	Hedge/Member	Mnth11	Increase	USD	2	2	3	3
MBZ	Spec	Mnth12	Increase	USD	2	2	3	2
MBZ	Hedge/Member	Mnth12	Increase	USD	2	2	2	2
MBZ	Spec	Mnth13	Increase	USD	2	2	3	2
MBZ	Hedge/Member	Mnth13	Increase	USD	2	2	2	2
MBZ	Spec	Mnth14	Increase	USD	2	2	2	2
MBZ	Hedge/Member	Mnth14	Increase	USD	2	2	2	2
MBZ	Spec	Mnth15	Increase	USD	2	2	2	2
MBZ	Hedge/Member	Mnth15	Increase	USD	2	2	2	2
MBZ	Spec	Mnth16	Increase	USD	2	2	2	2
MBZ	Hedge/Member	Mnth16	Increase	USD	2	2	2	2
MBZ	Spec	Mnth17	Increase	USD	2	2	2	2
MBZ	Hedge/Member	Mnth17	Increase	USD	2	2	2	2
MBZ	Spec	Mnth18	Increase	USD	2	2	2	2
MBZ	Hedge/Member	Mnth18	Increase	USD	2	2	2	2
MBZ	Spec	Mnth19	Increase	USD	2	2	2	2
MBZ	Hedge/Member	Mnth19	Increase	USD	2	2	2	2
MBZ	Spec	Mnth20	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
Outright Rates								
MBZ	Hedge/Member	Mnth20	Increase	USD	2	2	2	2
MBZ	Spec	Mnth21	Increase	USD	2	2	2	2
MBZ	Hedge/Member	Mnth21	Increase	USD	2	2	2	2
MBZ	Spec	Mnth22	Increase	USD	2	2	2	2
MBZ	Hedge/Member	Mnth22	Increase	USD	2	2	2	2
MBZ	Spec	Mnth23	Increase	USD	2	2	2	2
MBZ	Hedge/Member	Mnth23	Increase	USD	2	2	2	2
MBZ	Spec	Mnth24	Increase	USD	2	2	2	2
MBZ	Hedge/Member	Mnth24	Increase	USD	2	2	2	2
MBZ	Spec	Mnth25	Increase	USD	2	2	2	2
MBZ	Hedge/Member	Mnth25	Increase	USD	2	2	2	2
MBZ	Spec	Mnth26	Increase	USD	2	2	2	2
MBZ	Hedge/Member	Mnth26	Increase	USD	2	2	2	2
MBZ	Spec	Mnth27	Increase	USD	2	2	2	2
MBZ	Hedge/Member	Mnth27	Increase	USD	2	2	2	2
MBZ	Spec	Mnth28	Increase	USD	2	2	2	2
MBZ	Hedge/Member	Mnth28	Increase	USD	2	2	2	2
MBZ	Spec	Mnth29	Increase	USD	2	2	2	2
MBZ	Hedge/Member	Mnth29	Increase	USD	2	2	2	2
MBZ	Spec	Mnth30	Increase	USD	2	2	2	2
MBZ	Hedge/Member	Mnth30	Increase	USD	2	2	2	2
MBZ	Spec	Mnth31	Increase	USD	2	2	2	2
MBZ	Hedge/Member	Mnth31	Increase	USD	2	2	2	2
MBZ	Spec	Mnth32	Increase	USD	2	2	2	2
MBZ	Hedge/Member	Mnth32	Increase	USD	2	2	2	2
MBZ	Spec	Mnth33	Increase	USD	2	2	2	2
MBZ	Hedge/Member	Mnth33	Increase	USD	2	2	2	2
MBZ	Spec	Mnth34	Increase	USD	2	2	2	2
MBZ	Hedge/Member	Mnth34	Increase	USD	2	2	2	2
MBZ	Spec	Mnth35	Increase	USD	2	2	2	2
MBZ	Hedge/Member	Mnth35	Increase	USD	2	2	2	2
MBZ	Spec	Mnth36	Increase	USD	2	2	2	2
MBZ	Hedge/Member	Mnth36	Increase	USD	2	2	2	2
MBZ	Spec	Mnth37	Increase	USD	2	2	2	2
MBZ	Hedge/Member	Mnth37	Increase	USD	2	2	2	2
MBZ	Spec	Mnth38	Increase	USD	2	2	2	2
MBZ	Hedge/Member	Mnth38	Increase	USD	2	2	2	2
MBZ	Spec	Mnth39	Increase	USD	2	2	2	2
MBZ	Hedge/Member	Mnth39	Increase	USD	2	2	2	2
MBZ	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
Outright Rates								
MBZ	Hedge/Member	Mnth40	Increase	USD	2	2	2	2
MBZ	Spec	Mnth41	Increase	USD	2	2	2	2
MBZ	Hedge/Member	Mnth41	Increase	USD	2	2	2	2
MBZ	Spec	Mnth42	Increase	USD	2	2	2	2
MBZ	Hedge/Member	Mnth42	Increase	USD	2	2	2	2
MBZ	Spec	Mnth43	Increase	USD	2	2	2	2
MBZ	Hedge/Member	Mnth43	Increase	USD	2	2	2	2
MBZ	Spec	Mnth44	Increase	USD	2	2	2	2
MBZ	Hedge/Member	Mnth44	Increase	USD	2	2	2	2
MBZ	Spec	Mnth45	Increase	USD	2	2	2	2
MBZ	Hedge/Member	Mnth45	Increase	USD	2	2	2	2
MBZ	Spec	Mnth46	Increase	USD	2	2	2	2
MBZ	Hedge/Member	Mnth46	Increase	USD	2	2	2	2
MBZ	Spec	Mnth47	Increase	USD	2	2	2	2
MBZ	Hedge/Member	Mnth47	Increase	USD	2	2	2	2
MBZ	Spec	Mnth48	Increase	USD	2	2	2	2
MBZ	Hedge/Member	Mnth48	Increase	USD	2	2	2	2
MBZ	Spec	Mnth49	Increase	USD	2	2	2	2
MBZ	Hedge/Member	Mnth49	Increase	USD	2	2	2	2
MBZ	Spec	Mnth50	Increase	USD	2	2	2	2
MBZ	Hedge/Member	Mnth50	Increase	USD	2	2	2	2
MBZ	Spec	Mnth51	Increase	USD	2	2	2	2
MBZ	Hedge/Member	Mnth51	Increase	USD	2	2	2	2
MBZ	Spec	Mnth52	Increase	USD	2	2	2	2
MBZ	Hedge/Member	Mnth52	Increase	USD	2	2	2	2
MBZ	Spec	Mnth53	Increase	USD	2	2	2	2
MBZ	Hedge/Member	Mnth53	Increase	USD	2	2	2	2
MBZ	Spec	Mnth54	Increase	USD	2	2	2	2
MBZ	Hedge/Member	Mnth54	Increase	USD	2	2	2	2
MBZ	Spec	Mnth55	Increase	USD	2	2	2	2
MBZ	Hedge/Member	Mnth55	Increase	USD	2	2	2	2
MBZ	Spec	Mnth56	Increase	USD	2	2	2	2
MBZ	Hedge/Member	Mnth56	Increase	USD	2	2	2	2
MBZ	Spec	Mnth57	Increase	USD	2	2	2	2
MBZ	Hedge/Member	Mnth57	Increase	USD	2	2	2	2
MBZ	Spec	Mnth58	Increase	USD	2	2	2	2
MBZ	Hedge/Member	Mnth58	Increase	USD	2	2	2	2
MBZ	Spec	Mnth59	Increase	USD	2	2	2	2
MBZ	Hedge/Member	Mnth59	Increase	USD	2	2	2	2
MBZ	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
Outright Rates								
MBZ	Hedge/Member	Mnth60	Increase	USD	2	2	2	2
MBZ	Spec	Mnth61	Increase	USD	2	2	2	2
MBZ	Hedge/Member	Mnth61	Increase	USD	2	2	2	2
MBZ	Spec	Mnth62	Increase	USD	2	2	2	2
MBZ	Hedge/Member	Mnth62	Increase	USD	2	2	2	2
MBZ	Spec	Mnth63	Increase	USD	2	2	2	2
MBZ	Hedge/Member	Mnth63	Increase	USD	2	2	2	2
MBZ	Spec	Mnth64	Increase	USD	2	2	2	2
MBZ	Hedge/Member	Mnth64	Increase	USD	2	2	2	2
MBZ	Spec	Mnth65+	Increase	USD	2	2	2	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
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Outright Rates

MICRO CRUDE OIL FUTURES (MCL)

MCL	Spec	Mnth1	Increase	USD	3	3	4	3
MCL	Hedge/Member	Mnth1	Increase	USD	3	3	3	3
MCL	Spec	Mnth2	Increase	USD	3	3	4	3
MCL	Hedge/Member	Mnth2	Increase	USD	3	3	3	3
MCL	Spec	Mnth3	Increase	USD	3	3	4	3
MCL	Hedge/Member	Mnth3	Increase	USD	3	3	3	3
MCL	Spec	Mnth4	Increase	USD	3	3	3	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	2	3	3
MCL	Hedge/Member	Mnth6	Increase	USD	2	2	3	3
MCL	Spec	Mnth7	Increase	USD	3	2	3	3
MCL	Hedge/Member	Mnth7	Increase	USD	2	2	3	3
MCL	Spec	Mnth8	Increase	USD	3	2	3	3
MCL	Hedge/Member	Mnth8	Increase	USD	2	2	3	3
MCL	Spec	Mnth9	Increase	USD	2	2	3	3
MCL	Hedge/Member	Mnth9	Increase	USD	2	2	3	3
MCL	Spec	Mnth10	Increase	USD	2	2	3	3
MCL	Hedge/Member	Mnth10	Increase	USD	2	2	3	3
MCL	Spec	Mnth11	Increase	USD	2	2	3	2
MCL	Hedge/Member	Mnth11	Increase	USD	2	2	2	2
MCL	Spec	Mnth12	Increase	USD	2	2	3	2
MCL	Hedge/Member	Mnth12	Increase	USD	2	2	2	2
MCL	Spec	Mnth13	Increase	USD	2	2	3	2
MCL	Hedge/Member	Mnth13	Increase	USD	2	2	2	2
MCL	Spec	Mnth14	Increase	USD	2	2	3	2
MCL	Hedge/Member	Mnth14	Increase	USD	2	2	2	2
MCL	Spec	Mnth15	Increase	USD	2	2	2	2
MCL	Hedge/Member	Mnth15	Increase	USD	2	2	2	2
MCL	Spec	Mnth16	Increase	USD	2	2	2	2
MCL	Hedge/Member	Mnth16	Increase	USD	2	2	2	2
MCL	Spec	Mnth17	Increase	USD	2	2	2	2
MCL	Hedge/Member	Mnth17	Increase	USD	2	2	2	2
MCL	Spec	Mnth18	Increase	USD	2	2	2	2
MCL	Hedge/Member	Mnth18	Increase	USD	2	2	2	2
MCL	Spec	Mnth19	Increase	USD	2	2	2	2
MCL	Hedge/Member	Mnth19	Increase	USD	2	2	2	2
MCL	Spec	Mnth20	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
Outright Rates								
MCL	Hedge/Member	Mnth20	Increase	USD	2	2	2	2
MCL	Spec	Mnth21	Increase	USD	2	2	2	2
MCL	Hedge/Member	Mnth21	Increase	USD	2	2	2	2
MCL	Spec	Mnth22	Increase	USD	2	2	2	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
Outright Rates								
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
Outright Rates								
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
MINI DUBAI CRUDE OIL (PLATTS) BALMO (DBT)								
DBT	Spec	All Months	Increase	USD	440	400	484	440
DBT	Hedge/Member	All Months	Increase	USD	400	400	440	440

SPAN MINIMUM PERFORMANCE BOND REQUIREMENTS

CC	Rate Type	Description	Change	ISO	Current Initial	Current Maintenance	New Initial	New Maintenance
Outright Rates								
MINI DUBAI CRUDE OIL (PLATTS) FUT (DBL)								
DBL	Spec	Mnth1	Increase	USD	308	280	341	310
DBL	Hedge/Member	Mnth1	Increase	USD	280	280	310	310
DBL	Spec	Mnth2	Increase	USD	308	280	341	310
DBL	Hedge/Member	Mnth2	Increase	USD	280	280	310	310
DBL	Spec	Mnth3	Increase	USD	303	275	336	305
DBL	Hedge/Member	Mnth3	Increase	USD	275	275	305	305
DBL	Spec	Mnth4	Increase	USD	303	275	336	305
DBL	Hedge/Member	Mnth4	Increase	USD	275	275	305	305
DBL	Spec	Mnth5	Increase	USD	303	275	336	305
DBL	Hedge/Member	Mnth5	Increase	USD	275	275	305	305
DBL	Spec	Mnth6	Increase	USD	303	275	336	305
DBL	Hedge/Member	Mnth6	Increase	USD	275	275	305	305
DBL	Spec	Mnth7	Increase	USD	303	275	336	305
DBL	Hedge/Member	Mnth7	Increase	USD	275	275	305	305
DBL	Spec	Mnth8	Increase	USD	303	275	336	305
DBL	Hedge/Member	Mnth8	Increase	USD	275	275	305	305
DBL	Spec	Mnth9	Increase	USD	303	275	336	305
DBL	Hedge/Member	Mnth9	Increase	USD	275	275	305	305
DBL	Spec	Mnth10	Increase	USD	303	275	336	305
DBL	Hedge/Member	Mnth10	Increase	USD	275	275	305	305
DBL	Spec	Mnth11	Increase	USD	297	270	330	300
DBL	Hedge/Member	Mnth11	Increase	USD	270	270	300	300
DBL	Spec	Mnth12	Increase	USD	297	270	330	300
DBL	Hedge/Member	Mnth12	Increase	USD	270	270	300	300
DBL	Spec	Mnth13	Increase	USD	297	270	330	300
DBL	Hedge/Member	Mnth13	Increase	USD	270	270	300	300
DBL	Spec	Mnth14	Increase	USD	297	270	330	300
DBL	Hedge/Member	Mnth14	Increase	USD	270	270	300	300
DBL	Spec	Mnth15	Increase	USD	297	270	330	300
DBL	Hedge/Member	Mnth15	Increase	USD	270	270	300	300
DBL	Spec	Mnth16	Increase	USD	297	270	330	300
DBL	Hedge/Member	Mnth16	Increase	USD	270	270	300	300
DBL	Spec	Mnth17	Increase	USD	297	270	330	300
DBL	Hedge/Member	Mnth17	Increase	USD	270	270	300	300
DBL	Spec	Mnth18	Increase	USD	297	270	330	300
DBL	Hedge/Member	Mnth18	Increase	USD	270	270	300	300
DBL	Spec	Mnth19	Increase	USD	297	270	330	300
DBL	Hedge/Member	Mnth19	Increase	USD	270	270	300	300
DBL	Spec	Mnth20	Increase	USD	297	270	330	300

SPAN MINIMUM PERFORMANCE BOND REQUIREMENTS

CC	Rate Type	Description	Change	ISO	Current Initial	Current Maintenance	New Initial	New Maintenance
Outright Rates								
DBL	Hedge/Member	Mnth20	Increase	USD	270	270	300	300
DBL	Spec	Mnth21	Increase	USD	297	270	330	300
DBL	Hedge/Member	Mnth21	Increase	USD	270	270	300	300
DBL	Spec	Mnth22	Increase	USD	297	270	330	300
DBL	Hedge/Member	Mnth22	Increase	USD	270	270	300	300
DBL	Spec	Mnth23	Increase	USD	297	270	330	300
DBL	Hedge/Member	Mnth23	Increase	USD	270	270	300	300
DBL	Spec	Mnth24	Increase	USD	297	270	330	300
DBL	Hedge/Member	Mnth24	Increase	USD	270	270	300	300
DBL	Spec	Mnth25	Increase	USD	297	270	330	300
DBL	Hedge/Member	Mnth25	Increase	USD	270	270	300	300
DBL	Spec	Mnth26	Increase	USD	297	270	330	300
DBL	Hedge/Member	Mnth26	Increase	USD	270	270	300	300
DBL	Spec	Mnth27	Increase	USD	297	270	330	300
DBL	Hedge/Member	Mnth27	Increase	USD	270	270	300	300
DBL	Spec	Mnth28	Increase	USD	297	270	330	300
DBL	Hedge/Member	Mnth28	Increase	USD	270	270	300	300
DBL	Spec	Mnth29	Increase	USD	297	270	330	300
DBL	Hedge/Member	Mnth29	Increase	USD	270	270	300	300
DBL	Spec	Mnth30	Increase	USD	297	270	330	300
DBL	Hedge/Member	Mnth30	Increase	USD	270	270	300	300
DBL	Spec	Mnth31	Increase	USD	297	270	330	300
DBL	Hedge/Member	Mnth31	Increase	USD	270	270	300	300
DBL	Spec	Mnth32	Increase	USD	297	270	330	300
DBL	Hedge/Member	Mnth32	Increase	USD	270	270	300	300
DBL	Spec	Mnth33	Increase	USD	297	270	330	300
DBL	Hedge/Member	Mnth33	Increase	USD	270	270	300	300
DBL	Spec	Mnth34	Increase	USD	297	270	330	300
DBL	Hedge/Member	Mnth34	Increase	USD	270	270	300	300
DBL	Spec	Mnth35+	Increase	USD	297	270	330	300
DBL	Hedge/Member	Mnth35+	Increase	USD	270	270	300	300

SPAN MINIMUM PERFORMANCE BOND REQUIREMENTS

CC	Rate Type	Description	Change	ISO	Current Initial	Current Maintenance	New Initial	New Maintenance
Outright Rates								
OMAN CRUDE FINANCIAL (ZG)								
ZG	Spec	Mnth1	Increase	USD	3,080	2,800	3,410	3,100
ZG	Hedge/Member	Mnth1	Increase	USD	2,800	2,800	3,100	3,100
ZG	Spec	Mnth2	Increase	USD	3,080	2,800	3,410	3,100
ZG	Hedge/Member	Mnth2	Increase	USD	2,800	2,800	3,100	3,100
ZG	Spec	Mnth3	Increase	USD	3,025	2,750	3,355	3,050
ZG	Hedge/Member	Mnth3	Increase	USD	2,750	2,750	3,050	3,050
ZG	Spec	Mnth4	Increase	USD	3,025	2,750	3,355	3,050
ZG	Hedge/Member	Mnth4	Increase	USD	2,750	2,750	3,050	3,050
ZG	Spec	Mnth5	Increase	USD	3,025	2,750	3,355	3,050
ZG	Hedge/Member	Mnth5	Increase	USD	2,750	2,750	3,050	3,050
ZG	Spec	Mnth6	Increase	USD	3,025	2,750	3,355	3,050
ZG	Hedge/Member	Mnth6	Increase	USD	2,750	2,750	3,050	3,050
ZG	Spec	Mnth7	Increase	USD	3,025	2,750	3,355	3,050
ZG	Hedge/Member	Mnth7	Increase	USD	2,750	2,750	3,050	3,050
ZG	Spec	Mnth8	Increase	USD	3,025	2,750	3,355	3,050
ZG	Hedge/Member	Mnth8	Increase	USD	2,750	2,750	3,050	3,050
ZG	Spec	Mnth9	Increase	USD	3,025	2,750	3,355	3,050
ZG	Hedge/Member	Mnth9	Increase	USD	2,750	2,750	3,050	3,050
ZG	Spec	Mnth10	Increase	USD	3,025	2,750	3,355	3,050
ZG	Hedge/Member	Mnth10	Increase	USD	2,750	2,750	3,050	3,050
ZG	Spec	Mnth11	Increase	USD	2,970	2,700	3,300	3,000
ZG	Hedge/Member	Mnth11	Increase	USD	2,700	2,700	3,000	3,000
ZG	Spec	Mnth12	Increase	USD	2,970	2,700	3,300	3,000
ZG	Hedge/Member	Mnth12	Increase	USD	2,700	2,700	3,000	3,000
ZG	Spec	Mnth13	Increase	USD	2,970	2,700	3,300	3,000
ZG	Hedge/Member	Mnth13	Increase	USD	2,700	2,700	3,000	3,000
ZG	Spec	Mnth14	Increase	USD	2,970	2,700	3,300	3,000
ZG	Hedge/Member	Mnth14	Increase	USD	2,700	2,700	3,000	3,000
ZG	Spec	Mnth15	Increase	USD	2,970	2,700	3,300	3,000
ZG	Hedge/Member	Mnth15	Increase	USD	2,700	2,700	3,000	3,000
ZG	Spec	Mnth16	Increase	USD	2,970	2,700	3,300	3,000
ZG	Hedge/Member	Mnth16	Increase	USD	2,700	2,700	3,000	3,000
ZG	Spec	Mnth17	Increase	USD	2,970	2,700	3,300	3,000
ZG	Hedge/Member	Mnth17	Increase	USD	2,700	2,700	3,000	3,000
ZG	Spec	Mnth18	Increase	USD	2,970	2,700	3,300	3,000
ZG	Hedge/Member	Mnth18	Increase	USD	2,700	2,700	3,000	3,000
ZG	Spec	Mnth19	Increase	USD	2,970	2,700	3,300	3,000
ZG	Hedge/Member	Mnth19	Increase	USD	2,700	2,700	3,000	3,000
ZG	Spec	Mnth20	Increase	USD	2,970	2,700	3,300	3,000

SPAN MINIMUM PERFORMANCE BOND REQUIREMENTS

CC	Rate Type	Description	Change	ISO	Current Initial	Current Maintenance	New Initial	New Maintenance
Outright Rates								
ZG	Hedge/Member	Mnth20	Increase	USD	2,700	2,700	3,000	3,000
ZG	Spec	Mnth21	Increase	USD	2,970	2,700	3,300	3,000
ZG	Hedge/Member	Mnth21	Increase	USD	2,700	2,700	3,000	3,000
ZG	Spec	Mnth22	Increase	USD	2,970	2,700	3,300	3,000
ZG	Hedge/Member	Mnth22	Increase	USD	2,700	2,700	3,000	3,000
ZG	Spec	Mnth23	Increase	USD	2,970	2,700	3,300	3,000
ZG	Hedge/Member	Mnth23	Increase	USD	2,700	2,700	3,000	3,000
ZG	Spec	Mnth24	Increase	USD	2,970	2,700	3,300	3,000
ZG	Hedge/Member	Mnth24	Increase	USD	2,700	2,700	3,000	3,000
ZG	Spec	Mnth25	Increase	USD	2,970	2,700	3,300	3,000
ZG	Hedge/Member	Mnth25	Increase	USD	2,700	2,700	3,000	3,000
ZG	Spec	Mnth26	Increase	USD	2,970	2,700	3,300	3,000
ZG	Hedge/Member	Mnth26	Increase	USD	2,700	2,700	3,000	3,000
ZG	Spec	Mnth27	Increase	USD	2,970	2,700	3,300	3,000
ZG	Hedge/Member	Mnth27	Increase	USD	2,700	2,700	3,000	3,000
ZG	Spec	Mnth28	Increase	USD	2,970	2,700	3,300	3,000
ZG	Hedge/Member	Mnth28	Increase	USD	2,700	2,700	3,000	3,000
ZG	Spec	Mnth29	Increase	USD	2,970	2,700	3,300	3,000
ZG	Hedge/Member	Mnth29	Increase	USD	2,700	2,700	3,000	3,000
ZG	Spec	Mnth30	Increase	USD	2,970	2,700	3,300	3,000
ZG	Hedge/Member	Mnth30	Increase	USD	2,700	2,700	3,000	3,000
ZG	Spec	Mnth31	Increase	USD	2,970	2,700	3,300	3,000
ZG	Hedge/Member	Mnth31	Increase	USD	2,700	2,700	3,000	3,000
ZG	Spec	Mnth32	Increase	USD	2,970	2,700	3,300	3,000
ZG	Hedge/Member	Mnth32	Increase	USD	2,700	2,700	3,000	3,000
ZG	Spec	Mnth33	Increase	USD	2,970	2,700	3,300	3,000
ZG	Hedge/Member	Mnth33	Increase	USD	2,700	2,700	3,000	3,000
ZG	Spec	Mnth34	Increase	USD	2,970	2,700	3,300	3,000
ZG	Hedge/Member	Mnth34	Increase	USD	2,700	2,700	3,000	3,000
ZG	Spec	Mnth35+	Increase	USD	2,970	2,700	3,300	3,000
ZG	Hedge/Member	Mnth35+	Increase	USD	2,700	2,700	3,000	3,000
ZG	Spec	Days 1 - 3	Increase	USD	3,080	2,800	4,510	4,100
ZG	Hedge/Member	Days 1 - 3	Increase	USD	2,800	2,800	4,100	4,100

SPAN MINIMUM PERFORMANCE BOND REQUIREMENTS

CC	Rate Type	Description	Change	ISO	Current Initial	Current Maintenance	New Initial	New Maintenance
Outright Rates								
OMAN CRUDE OIL TAM FUT (OQB)								
OQB	Spec	Mnth1	Increase	USD	3,080	2,800	3,410	3,100
OQB	Hedge/Member	Mnth1	Increase	USD	2,800	2,800	3,100	3,100
OQB	Spec	Mnth2	Increase	USD	3,080	2,800	3,410	3,100
OQB	Hedge/Member	Mnth2	Increase	USD	2,800	2,800	3,100	3,100
OQB	Spec	Mnth3	Increase	USD	3,025	2,750	3,355	3,050
OQB	Hedge/Member	Mnth3	Increase	USD	2,750	2,750	3,050	3,050
OQB	Spec	Mnth4	Increase	USD	3,025	2,750	3,355	3,050
OQB	Hedge/Member	Mnth4	Increase	USD	2,750	2,750	3,050	3,050
OQB	Spec	Mnth5	Increase	USD	3,025	2,750	3,355	3,050
OQB	Hedge/Member	Mnth5	Increase	USD	2,750	2,750	3,050	3,050
OQB	Spec	Mnth6	Increase	USD	3,025	2,750	3,355	3,050
OQB	Hedge/Member	Mnth6	Increase	USD	2,750	2,750	3,050	3,050
OQB	Spec	Mnth7	Increase	USD	3,025	2,750	3,355	3,050
OQB	Hedge/Member	Mnth7	Increase	USD	2,750	2,750	3,050	3,050
OQB	Spec	Mnth8	Increase	USD	3,025	2,750	3,355	3,050
OQB	Hedge/Member	Mnth8	Increase	USD	2,750	2,750	3,050	3,050
OQB	Spec	Mnth9	Increase	USD	3,025	2,750	3,355	3,050
OQB	Hedge/Member	Mnth9	Increase	USD	2,750	2,750	3,050	3,050
OQB	Spec	Mnth10	Increase	USD	3,025	2,750	3,355	3,050
OQB	Hedge/Member	Mnth10	Increase	USD	2,750	2,750	3,050	3,050
OQB	Spec	Mnth11	Increase	USD	2,970	2,700	3,300	3,000
OQB	Hedge/Member	Mnth11	Increase	USD	2,700	2,700	3,000	3,000
OQB	Spec	Mnth12	Increase	USD	2,970	2,700	3,300	3,000
OQB	Hedge/Member	Mnth12	Increase	USD	2,700	2,700	3,000	3,000
OQB	Spec	Mnth13	Increase	USD	2,970	2,700	3,300	3,000
OQB	Hedge/Member	Mnth13	Increase	USD	2,700	2,700	3,000	3,000
OQB	Spec	Mnth14	Increase	USD	2,970	2,700	3,300	3,000
OQB	Hedge/Member	Mnth14	Increase	USD	2,700	2,700	3,000	3,000
OQB	Spec	Mnth15	Increase	USD	2,970	2,700	3,300	3,000
OQB	Hedge/Member	Mnth15	Increase	USD	2,700	2,700	3,000	3,000
OQB	Spec	Mnth16	Increase	USD	2,970	2,700	3,300	3,000
OQB	Hedge/Member	Mnth16	Increase	USD	2,700	2,700	3,000	3,000
OQB	Spec	Mnth17	Increase	USD	2,970	2,700	3,300	3,000
OQB	Hedge/Member	Mnth17	Increase	USD	2,700	2,700	3,000	3,000
OQB	Spec	Mnth18	Increase	USD	2,970	2,700	3,300	3,000
OQB	Hedge/Member	Mnth18	Increase	USD	2,700	2,700	3,000	3,000
OQB	Spec	Mnth19	Increase	USD	2,970	2,700	3,300	3,000
OQB	Hedge/Member	Mnth19	Increase	USD	2,700	2,700	3,000	3,000
OQB	Spec	Mnth20	Increase	USD	2,970	2,700	3,300	3,000

SPAN MINIMUM PERFORMANCE BOND REQUIREMENTS

CC	Rate Type	Description	Change	ISO	Current Initial	Current Maintenance	New Initial	New Maintenance
Outright Rates								
OQB	Hedge/Member	Mnth20	Increase	USD	2,700	2,700	3,000	3,000
OQB	Spec	Mnth21	Increase	USD	2,970	2,700	3,300	3,000
OQB	Hedge/Member	Mnth21	Increase	USD	2,700	2,700	3,000	3,000
OQB	Spec	Mnth22	Increase	USD	2,970	2,700	3,300	3,000
OQB	Hedge/Member	Mnth22	Increase	USD	2,700	2,700	3,000	3,000
OQB	Spec	Mnth23	Increase	USD	2,970	2,700	3,300	3,000
OQB	Hedge/Member	Mnth23	Increase	USD	2,700	2,700	3,000	3,000
OQB	Spec	Mnth24	Increase	USD	2,970	2,700	3,300	3,000
OQB	Hedge/Member	Mnth24	Increase	USD	2,700	2,700	3,000	3,000
OQB	Spec	Mnth25	Increase	USD	2,970	2,700	3,300	3,000
OQB	Hedge/Member	Mnth25	Increase	USD	2,700	2,700	3,000	3,000
OQB	Spec	Mnth26	Increase	USD	2,970	2,700	3,300	3,000
OQB	Hedge/Member	Mnth26	Increase	USD	2,700	2,700	3,000	3,000
OQB	Spec	Mnth27	Increase	USD	2,970	2,700	3,300	3,000
OQB	Hedge/Member	Mnth27	Increase	USD	2,700	2,700	3,000	3,000
OQB	Spec	Mnth28	Increase	USD	2,970	2,700	3,300	3,000
OQB	Hedge/Member	Mnth28	Increase	USD	2,700	2,700	3,000	3,000
OQB	Spec	Mnth29	Increase	USD	2,970	2,700	3,300	3,000
OQB	Hedge/Member	Mnth29	Increase	USD	2,700	2,700	3,000	3,000
OQB	Spec	Mnth30	Increase	USD	2,970	2,700	3,300	3,000
OQB	Hedge/Member	Mnth30	Increase	USD	2,700	2,700	3,000	3,000
OQB	Spec	Mnth31	Increase	USD	2,970	2,700	3,300	3,000
OQB	Hedge/Member	Mnth31	Increase	USD	2,700	2,700	3,000	3,000
OQB	Spec	Mnth32	Increase	USD	2,970	2,700	3,300	3,000
OQB	Hedge/Member	Mnth32	Increase	USD	2,700	2,700	3,000	3,000
OQB	Spec	Mnth33	Increase	USD	2,970	2,700	3,300	3,000
OQB	Hedge/Member	Mnth33	Increase	USD	2,700	2,700	3,000	3,000
OQB	Spec	Mnth34	Increase	USD	2,970	2,700	3,300	3,000
OQB	Hedge/Member	Mnth34	Increase	USD	2,700	2,700	3,000	3,000
OQB	Spec	Mnth35+	Increase	USD	2,970	2,700	3,300	3,000
OQB	Hedge/Member	Mnth35+	Increase	USD	2,700	2,700	3,000	3,000
OQB	Spec	Days 1 - 3	Increase	USD	3,080	2,800	4,510	4,100
OQB	Hedge/Member	Days 1 - 3	Increase	USD	2,800	2,800	4,100	4,100

SPAN MINIMUM PERFORMANCE BOND REQUIREMENTS

CC	Rate Type	Description	Change	ISO	Current Initial	Current Maintenance	New Initial	New Maintenance
Outright Rates								
OMAN CRUDE OIL TAM MARKER SYN (OQ1)								
OQ1	Spec	Mnth1	Increase	USD	3,080	2,800	3,410	3,100
OQ1	Hedge/Member	Mnth1	Increase	USD	2,800	2,800	3,100	3,100
OQ1	Spec	Mnth2	Increase	USD	3,080	2,800	3,410	3,100
OQ1	Hedge/Member	Mnth2	Increase	USD	2,800	2,800	3,100	3,100
OQ1	Spec	Mnth3	Increase	USD	3,025	2,750	3,355	3,050
OQ1	Hedge/Member	Mnth3	Increase	USD	2,750	2,750	3,050	3,050
OQ1	Spec	Mnth4	Increase	USD	3,025	2,750	3,355	3,050
OQ1	Hedge/Member	Mnth4	Increase	USD	2,750	2,750	3,050	3,050
OQ1	Spec	Mnth5	Increase	USD	3,025	2,750	3,355	3,050
OQ1	Hedge/Member	Mnth5	Increase	USD	2,750	2,750	3,050	3,050
OQ1	Spec	Mnth6	Increase	USD	3,025	2,750	3,355	3,050
OQ1	Hedge/Member	Mnth6	Increase	USD	2,750	2,750	3,050	3,050
OQ1	Spec	Mnth7	Increase	USD	3,025	2,750	3,355	3,050
OQ1	Hedge/Member	Mnth7	Increase	USD	2,750	2,750	3,050	3,050
OQ1	Spec	Mnth8	Increase	USD	3,025	2,750	3,355	3,050
OQ1	Hedge/Member	Mnth8	Increase	USD	2,750	2,750	3,050	3,050
OQ1	Spec	Mnth9	Increase	USD	3,025	2,750	3,355	3,050
OQ1	Hedge/Member	Mnth9	Increase	USD	2,750	2,750	3,050	3,050
OQ1	Spec	Mnth10	Increase	USD	3,025	2,750	3,355	3,050
OQ1	Hedge/Member	Mnth10	Increase	USD	2,750	2,750	3,050	3,050
OQ1	Spec	Mnth11	Increase	USD	2,970	2,700	3,300	3,000
OQ1	Hedge/Member	Mnth11	Increase	USD	2,700	2,700	3,000	3,000
OQ1	Spec	Mnth12	Increase	USD	2,970	2,700	3,300	3,000
OQ1	Hedge/Member	Mnth12	Increase	USD	2,700	2,700	3,000	3,000
OQ1	Spec	Mnth13	Increase	USD	2,970	2,700	3,300	3,000
OQ1	Hedge/Member	Mnth13	Increase	USD	2,700	2,700	3,000	3,000
OQ1	Spec	Mnth14	Increase	USD	2,970	2,700	3,300	3,000
OQ1	Hedge/Member	Mnth14	Increase	USD	2,700	2,700	3,000	3,000
OQ1	Spec	Mnth15	Increase	USD	2,970	2,700	3,300	3,000
OQ1	Hedge/Member	Mnth15	Increase	USD	2,700	2,700	3,000	3,000
OQ1	Spec	Mnth16	Increase	USD	2,970	2,700	3,300	3,000
OQ1	Hedge/Member	Mnth16	Increase	USD	2,700	2,700	3,000	3,000
OQ1	Spec	Mnth17	Increase	USD	2,970	2,700	3,300	3,000
OQ1	Hedge/Member	Mnth17	Increase	USD	2,700	2,700	3,000	3,000
OQ1	Spec	Mnth18	Increase	USD	2,970	2,700	3,300	3,000
OQ1	Hedge/Member	Mnth18	Increase	USD	2,700	2,700	3,000	3,000
OQ1	Spec	Mnth19	Increase	USD	2,970	2,700	3,300	3,000
OQ1	Hedge/Member	Mnth19	Increase	USD	2,700	2,700	3,000	3,000
OQ1	Spec	Mnth20	Increase	USD	2,970	2,700	3,300	3,000

SPAN MINIMUM PERFORMANCE BOND REQUIREMENTS

CC	Rate Type	Description	Change	ISO	Current Initial	Current Maintenance	New Initial	New Maintenance
Outright Rates								
OQ1	Hedge/Member	Mnth20	Increase	USD	2,700	2,700	3,000	3,000
OQ1	Spec	Mnth21	Increase	USD	2,970	2,700	3,300	3,000
OQ1	Hedge/Member	Mnth21	Increase	USD	2,700	2,700	3,000	3,000
OQ1	Spec	Mnth22	Increase	USD	2,970	2,700	3,300	3,000
OQ1	Hedge/Member	Mnth22	Increase	USD	2,700	2,700	3,000	3,000
OQ1	Spec	Mnth23	Increase	USD	2,970	2,700	3,300	3,000
OQ1	Hedge/Member	Mnth23	Increase	USD	2,700	2,700	3,000	3,000
OQ1	Spec	Mnth24	Increase	USD	2,970	2,700	3,300	3,000
OQ1	Hedge/Member	Mnth24	Increase	USD	2,700	2,700	3,000	3,000
OQ1	Spec	Mnth25	Increase	USD	2,970	2,700	3,300	3,000
OQ1	Hedge/Member	Mnth25	Increase	USD	2,700	2,700	3,000	3,000
OQ1	Spec	Mnth26	Increase	USD	2,970	2,700	3,300	3,000
OQ1	Hedge/Member	Mnth26	Increase	USD	2,700	2,700	3,000	3,000
OQ1	Spec	Mnth27	Increase	USD	2,970	2,700	3,300	3,000
OQ1	Hedge/Member	Mnth27	Increase	USD	2,700	2,700	3,000	3,000
OQ1	Spec	Mnth28	Increase	USD	2,970	2,700	3,300	3,000
OQ1	Hedge/Member	Mnth28	Increase	USD	2,700	2,700	3,000	3,000
OQ1	Spec	Mnth29	Increase	USD	2,970	2,700	3,300	3,000
OQ1	Hedge/Member	Mnth29	Increase	USD	2,700	2,700	3,000	3,000
OQ1	Spec	Mnth30	Increase	USD	2,970	2,700	3,300	3,000
OQ1	Hedge/Member	Mnth30	Increase	USD	2,700	2,700	3,000	3,000
OQ1	Spec	Mnth31	Increase	USD	2,970	2,700	3,300	3,000
OQ1	Hedge/Member	Mnth31	Increase	USD	2,700	2,700	3,000	3,000
OQ1	Spec	Mnth32	Increase	USD	2,970	2,700	3,300	3,000
OQ1	Hedge/Member	Mnth32	Increase	USD	2,700	2,700	3,000	3,000
OQ1	Spec	Mnth33	Increase	USD	2,970	2,700	3,300	3,000
OQ1	Hedge/Member	Mnth33	Increase	USD	2,700	2,700	3,000	3,000
OQ1	Spec	Mnth34	Increase	USD	2,970	2,700	3,300	3,000
OQ1	Hedge/Member	Mnth34	Increase	USD	2,700	2,700	3,000	3,000
OQ1	Spec	Mnth35+	Increase	USD	2,970	2,700	3,300	3,000
OQ1	Hedge/Member	Mnth35+	Increase	USD	2,700	2,700	3,000	3,000
OQ1	Spec	Days 1 - 3	Increase	USD	3,080	2,800	4,510	4,100
OQ1	Hedge/Member	Days 1 - 3	Increase	USD	2,800	2,800	4,100	4,100

SPAN MINIMUM PERFORMANCE BOND REQUIREMENTS

CC	Rate Type	Description	Change	ISO	Current Initial	Current Maintenance	New Initial	New Maintenance
Outright Rates								
SYNCRUDE OIL LAST DAY FINANCI (S26)								
S26	Spec	Mnth1	Increase	USD	3,245	2,950	3,740	3,400
S26	Hedge/Member	Mnth1	Increase	USD	2,950	2,950	3,400	3,400
S26	Spec	Mnth2	Increase	USD	3,190	2,900	3,630	3,300
S26	Hedge/Member	Mnth2	Increase	USD	2,900	2,900	3,300	3,300
S26	Spec	Mnth3	Increase	USD	3,135	2,850	3,520	3,200
S26	Hedge/Member	Mnth3	Increase	USD	2,850	2,850	3,200	3,200
S26	Spec	Mnth4	Increase	USD	2,970	2,700	3,300	3,000
S26	Hedge/Member	Mnth4	Increase	USD	2,700	2,700	3,000	3,000
S26	Spec	Mnth5	Increase	USD	2,805	2,550	3,135	2,850
S26	Hedge/Member	Mnth5	Increase	USD	2,550	2,550	2,850	2,850
S26	Spec	Mnth6	Increase	USD	2,695	2,450	3,025	2,750
S26	Hedge/Member	Mnth6	Increase	USD	2,450	2,450	2,750	2,750
S26	Spec	Mnth7	Increase	USD	2,585	2,350	2,915	2,650
S26	Hedge/Member	Mnth7	Increase	USD	2,350	2,350	2,650	2,650
S26	Spec	Mnth8	Increase	USD	2,530	2,300	2,860	2,600
S26	Hedge/Member	Mnth8	Increase	USD	2,300	2,300	2,600	2,600
S26	Spec	Mnth9	Increase	USD	2,475	2,250	2,805	2,550
S26	Hedge/Member	Mnth9	Increase	USD	2,250	2,250	2,550	2,550
S26	Spec	Mnth10	Increase	USD	2,420	2,200	2,750	2,500
S26	Hedge/Member	Mnth10	Increase	USD	2,200	2,200	2,500	2,500
S26	Spec	Mnth11	Increase	USD	2,365	2,150	2,695	2,450
S26	Hedge/Member	Mnth11	Increase	USD	2,150	2,150	2,450	2,450
S26	Spec	Mnth12	Increase	USD	2,310	2,100	2,640	2,400
S26	Hedge/Member	Mnth12	Increase	USD	2,100	2,100	2,400	2,400
S26	Spec	Mnth13	Increase	USD	2,310	2,100	2,640	2,400
S26	Hedge/Member	Mnth13	Increase	USD	2,100	2,100	2,400	2,400
S26	Spec	Mnth14	Increase	USD	2,255	2,050	2,585	2,350
S26	Hedge/Member	Mnth14	Increase	USD	2,050	2,050	2,350	2,350
S26	Spec	Mnth15	Increase	USD	2,145	1,950	2,475	2,250
S26	Hedge/Member	Mnth15	Increase	USD	1,950	1,950	2,250	2,250
S26	Spec	Mnth16	Increase	USD	2,090	1,900	2,420	2,200
S26	Hedge/Member	Mnth16	Increase	USD	1,900	1,900	2,200	2,200
S26	Spec	Mnth17	Increase	USD	2,090	1,900	2,420	2,200
S26	Hedge/Member	Mnth17	Increase	USD	1,900	1,900	2,200	2,200
S26	Spec	Mnth18	Increase	USD	1,980	1,800	2,310	2,100
S26	Hedge/Member	Mnth18	Increase	USD	1,800	1,800	2,100	2,100
S26	Spec	Mnth19	Increase	USD	1,980	1,800	2,310	2,100
S26	Hedge/Member	Mnth19	Increase	USD	1,800	1,800	2,100	2,100
S26	Spec	Mnth20	Increase	USD	1,925	1,750	2,255	2,050

SPAN MINIMUM PERFORMANCE BOND REQUIREMENTS

CC	Rate Type	Description	Change	ISO	Current Initial	Current Maintenance	New Initial	New Maintenance
Outright Rates								
S26	Hedge/Member	Mnth20	Increase	USD	1,750	1,750	2,050	2,050
S26	Spec	Mnth21	Increase	USD	1,870	1,700	2,200	2,000
S26	Hedge/Member	Mnth21	Increase	USD	1,700	1,700	2,000	2,000
S26	Spec	Mnth22	Increase	USD	1,870	1,700	2,200	2,000
S26	Hedge/Member	Mnth22	Increase	USD	1,700	1,700	2,000	2,000
S26	Spec	Mnth23	Increase	USD	1,815	1,650	2,145	1,950
S26	Hedge/Member	Mnth23	Increase	USD	1,650	1,650	1,950	1,950
S26	Spec	Mnth24	Increase	USD	1,815	1,650	2,145	1,950
S26	Hedge/Member	Mnth24	Increase	USD	1,650	1,650	1,950	1,950
S26	Spec	Mnth25	Increase	USD	1,815	1,650	2,145	1,950
S26	Hedge/Member	Mnth25	Increase	USD	1,650	1,650	1,950	1,950
S26	Spec	Mnth26	Increase	USD	1,760	1,600	2,090	1,900
S26	Hedge/Member	Mnth26	Increase	USD	1,600	1,600	1,900	1,900
S26	Spec	Mnth27	Increase	USD	1,760	1,600	2,090	1,900
S26	Hedge/Member	Mnth27	Increase	USD	1,600	1,600	1,900	1,900
S26	Spec	Mnth28	Increase	USD	1,760	1,600	2,090	1,900
S26	Hedge/Member	Mnth28	Increase	USD	1,600	1,600	1,900	1,900
S26	Spec	Mnth29	Increase	USD	1,650	1,500	1,980	1,800
S26	Hedge/Member	Mnth29	Increase	USD	1,500	1,500	1,800	1,800
S26	Spec	Mnth30	Increase	USD	1,650	1,500	1,980	1,800
S26	Hedge/Member	Mnth30	Increase	USD	1,500	1,500	1,800	1,800
S26	Spec	Mnth31	Increase	USD	1,650	1,500	1,980	1,800
S26	Hedge/Member	Mnth31	Increase	USD	1,500	1,500	1,800	1,800
S26	Spec	Mnth32	Increase	USD	1,650	1,500	1,870	1,700
S26	Hedge/Member	Mnth32	Increase	USD	1,500	1,500	1,700	1,700
S26	Spec	Mnth33	Increase	USD	1,650	1,500	1,870	1,700
S26	Hedge/Member	Mnth33	Increase	USD	1,500	1,500	1,700	1,700
S26	Spec	Mnth34	Increase	USD	1,650	1,500	1,870	1,700
S26	Hedge/Member	Mnth34	Increase	USD	1,500	1,500	1,700	1,700
S26	Spec	Mnth35	Increase	USD	1,650	1,500	1,870	1,700
S26	Hedge/Member	Mnth35	Increase	USD	1,500	1,500	1,700	1,700
S26	Spec	Mnth36	Increase	USD	1,650	1,500	1,870	1,700
S26	Hedge/Member	Mnth36	Increase	USD	1,500	1,500	1,700	1,700
S26	Spec	Mnth37	Increase	USD	1,650	1,500	1,870	1,700
S26	Hedge/Member	Mnth37	Increase	USD	1,500	1,500	1,700	1,700
S26	Spec	Mnth38	Increase	USD	1,650	1,500	1,870	1,700
S26	Hedge/Member	Mnth38	Increase	USD	1,500	1,500	1,700	1,700
S26	Spec	Mnth39	Increase	USD	1,650	1,500	1,870	1,700
S26	Hedge/Member	Mnth39	Increase	USD	1,500	1,500	1,700	1,700
S26	Spec	Mnth40	Increase	USD	1,650	1,500	1,870	1,700

SPAN MINIMUM PERFORMANCE BOND REQUIREMENTS

CC	Rate Type	Description	Change	ISO	Current Initial	Current Maintenance	New Initial	New Maintenance
Outright Rates								
S26	Hedge/Member	Mnth40	Increase	USD	1,500	1,500	1,700	1,700
S26	Spec	Mnth41	Increase	USD	1,650	1,500	1,870	1,700
S26	Hedge/Member	Mnth41	Increase	USD	1,500	1,500	1,700	1,700
S26	Spec	Mnth42	Increase	USD	1,650	1,500	1,870	1,700
S26	Hedge/Member	Mnth42	Increase	USD	1,500	1,500	1,700	1,700
S26	Spec	Mnth43	Increase	USD	1,650	1,500	1,870	1,700
S26	Hedge/Member	Mnth43	Increase	USD	1,500	1,500	1,700	1,700
S26	Spec	Mnth44	Increase	USD	1,650	1,500	1,870	1,700
S26	Hedge/Member	Mnth44	Increase	USD	1,500	1,500	1,700	1,700
S26	Spec	Mnth45	Increase	USD	1,650	1,500	1,870	1,700
S26	Hedge/Member	Mnth45	Increase	USD	1,500	1,500	1,700	1,700
S26	Spec	Mnth46	Increase	USD	1,650	1,500	1,870	1,700
S26	Hedge/Member	Mnth46	Increase	USD	1,500	1,500	1,700	1,700
S26	Spec	Mnth47	Increase	USD	1,650	1,500	1,870	1,700
S26	Hedge/Member	Mnth47	Increase	USD	1,500	1,500	1,700	1,700
S26	Spec	Mnth48	Increase	USD	1,650	1,500	1,870	1,700
S26	Hedge/Member	Mnth48	Increase	USD	1,500	1,500	1,700	1,700
S26	Spec	Mnth49	Increase	USD	1,650	1,500	1,870	1,700
S26	Hedge/Member	Mnth49	Increase	USD	1,500	1,500	1,700	1,700
S26	Spec	Mnth50	Increase	USD	1,650	1,500	1,870	1,700
S26	Hedge/Member	Mnth50	Increase	USD	1,500	1,500	1,700	1,700
S26	Spec	Mnth51	Increase	USD	1,650	1,500	1,870	1,700
S26	Hedge/Member	Mnth51	Increase	USD	1,500	1,500	1,700	1,700
S26	Spec	Mnth52	Increase	USD	1,650	1,500	1,870	1,700
S26	Hedge/Member	Mnth52	Increase	USD	1,500	1,500	1,700	1,700
S26	Spec	Mnth53	Increase	USD	1,650	1,500	1,870	1,700
S26	Hedge/Member	Mnth53	Increase	USD	1,500	1,500	1,700	1,700
S26	Spec	Mnth54	Increase	USD	1,650	1,500	1,870	1,700
S26	Hedge/Member	Mnth54	Increase	USD	1,500	1,500	1,700	1,700
S26	Spec	Mnth55	Increase	USD	1,650	1,500	1,870	1,700
S26	Hedge/Member	Mnth55	Increase	USD	1,500	1,500	1,700	1,700
S26	Spec	Mnth56	Increase	USD	1,650	1,500	1,870	1,700
S26	Hedge/Member	Mnth56	Increase	USD	1,500	1,500	1,700	1,700
S26	Spec	Mnth57	Increase	USD	1,650	1,500	1,870	1,700
S26	Hedge/Member	Mnth57	Increase	USD	1,500	1,500	1,700	1,700
S26	Spec	Mnth58	Increase	USD	1,650	1,500	1,870	1,700
S26	Hedge/Member	Mnth58	Increase	USD	1,500	1,500	1,700	1,700
S26	Spec	Mnth59	Increase	USD	1,650	1,500	1,870	1,700
S26	Hedge/Member	Mnth59	Increase	USD	1,500	1,500	1,700	1,700
S26	Spec	Mnth60	Increase	USD	1,650	1,500	1,870	1,700

SPAN MINIMUM PERFORMANCE BOND REQUIREMENTS

CC	Rate Type	Description	Change	ISO	Current Initial	Current Maintenance	New Initial	New Maintenance
Outright Rates								
S26	Hedge/Member	Mnth60	Increase	USD	1,500	1,500	1,700	1,700
S26	Spec	Mnth61	Increase	USD	1,650	1,500	1,870	1,700
S26	Hedge/Member	Mnth61	Increase	USD	1,500	1,500	1,700	1,700
S26	Spec	Mnth62	Increase	USD	1,650	1,500	1,870	1,700
S26	Hedge/Member	Mnth62	Increase	USD	1,500	1,500	1,700	1,700
S26	Spec	Mnth63	Increase	USD	1,650	1,500	1,870	1,700
S26	Hedge/Member	Mnth63	Increase	USD	1,500	1,500	1,700	1,700
S26	Spec	Mnth64	Increase	USD	1,650	1,500	1,870	1,700
S26	Hedge/Member	Mnth64	Increase	USD	1,500	1,500	1,700	1,700
S26	Spec	Mnth65+	Increase	USD	1,650	1,500	1,870	1,700
S26	Hedge/Member	Mnth65+	Increase	USD	1,500	1,500	1,700	1,700

SPAN MINIMUM PERFORMANCE BOND REQUIREMENTS

CC	Rate Type	Description	Change	ISO	Current Initial	Current Maintenance	New Initial	New Maintenance
Outright Rates								
SYNTHETIC BRENT FINANCIAL FUTURES (SBB)								
SBB	Spec	Mnth1	Increase	USD	3,410	3,100	3,740	3,400
SBB	Hedge/Member	Mnth1	Increase	USD	3,100	3,100	3,400	3,400
SBB	Spec	Mnth2	Increase	USD	3,300	3,000	3,630	3,300
SBB	Hedge/Member	Mnth2	Increase	USD	3,000	3,000	3,300	3,300
SBB	Spec	Mnth3	Increase	USD	3,300	3,000	3,630	3,300
SBB	Hedge/Member	Mnth3	Increase	USD	3,000	3,000	3,300	3,300
SBB	Spec	Mnth4	Increase	USD	3,190	2,900	3,520	3,200
SBB	Hedge/Member	Mnth4	Increase	USD	2,900	2,900	3,200	3,200
SBB	Spec	Mnth5	Increase	USD	3,080	2,800	3,410	3,100
SBB	Hedge/Member	Mnth5	Increase	USD	2,800	2,800	3,100	3,100
SBB	Spec	Mnth6	Increase	USD	2,970	2,700	3,300	3,000
SBB	Hedge/Member	Mnth6	Increase	USD	2,700	2,700	3,000	3,000
SBB	Spec	Mnth7	Increase	USD	2,860	2,600	3,190	2,900
SBB	Hedge/Member	Mnth7	Increase	USD	2,600	2,600	2,900	2,900
SBB	Spec	Mnth8	Increase	USD	2,750	2,500	3,080	2,800
SBB	Hedge/Member	Mnth8	Increase	USD	2,500	2,500	2,800	2,800
SBB	Spec	Mnth9	Increase	USD	2,640	2,400	2,970	2,700
SBB	Hedge/Member	Mnth9	Increase	USD	2,400	2,400	2,700	2,700
SBB	Spec	Mnth10	Increase	USD	2,530	2,300	2,860	2,600
SBB	Hedge/Member	Mnth10	Increase	USD	2,300	2,300	2,600	2,600
SBB	Spec	Mnth11	Increase	USD	2,420	2,200	2,750	2,500
SBB	Hedge/Member	Mnth11	Increase	USD	2,200	2,200	2,500	2,500
SBB	Spec	Mnth12	Increase	USD	2,310	2,100	2,640	2,400
SBB	Hedge/Member	Mnth12	Increase	USD	2,100	2,100	2,400	2,400
SBB	Spec	Mnth13	Increase	USD	2,200	2,000	2,530	2,300
SBB	Hedge/Member	Mnth13	Increase	USD	2,000	2,000	2,300	2,300
SBB	Spec	Mnth14	Increase	USD	2,145	1,950	2,475	2,250
SBB	Hedge/Member	Mnth14	Increase	USD	1,950	1,950	2,250	2,250
SBB	Spec	Mnth15	Increase	USD	2,145	1,950	2,475	2,250
SBB	Hedge/Member	Mnth15	Increase	USD	1,950	1,950	2,250	2,250
SBB	Spec	Mnth16	Increase	USD	2,145	1,950	2,475	2,250
SBB	Hedge/Member	Mnth16	Increase	USD	1,950	1,950	2,250	2,250
SBB	Spec	Mnth17	Increase	USD	2,090	1,900	2,420	2,200
SBB	Hedge/Member	Mnth17	Increase	USD	1,900	1,900	2,200	2,200
SBB	Spec	Mnth18	Increase	USD	2,090	1,900	2,420	2,200
SBB	Hedge/Member	Mnth18	Increase	USD	1,900	1,900	2,200	2,200
SBB	Spec	Mnth19	Increase	USD	2,090	1,900	2,365	2,150
SBB	Hedge/Member	Mnth19	Increase	USD	1,900	1,900	2,150	2,150
SBB	Spec	Mnth20	Increase	USD	2,090	1,900	2,365	2,150

SPAN MINIMUM PERFORMANCE BOND REQUIREMENTS

CC	Rate Type	Description	Change	ISO	Current Initial	Current Maintenance	New Initial	New Maintenance
Outright Rates								
SBB	Hedge/Member	Mnth20	Increase	USD	1,900	1,900	2,150	2,150
SBB	Spec	Mnth21	Increase	USD	2,090	1,900	2,420	2,200
SBB	Hedge/Member	Mnth21	Increase	USD	1,900	1,900	2,200	2,200
SBB	Spec	Mnth22	Increase	USD	2,035	1,850	2,365	2,150
SBB	Hedge/Member	Mnth22	Increase	USD	1,850	1,850	2,150	2,150
SBB	Spec	Mnth23	Increase	USD	2,035	1,850	2,365	2,150
SBB	Hedge/Member	Mnth23	Increase	USD	1,850	1,850	2,150	2,150
SBB	Spec	Mnth24	Increase	USD	2,035	1,850	2,365	2,150
SBB	Hedge/Member	Mnth24	Increase	USD	1,850	1,850	2,150	2,150
SBB	Spec	Mnth25	Increase	USD	2,035	1,850	2,365	2,150
SBB	Hedge/Member	Mnth25	Increase	USD	1,850	1,850	2,150	2,150
SBB	Spec	Mnth26	Increase	USD	2,035	1,850	2,365	2,150
SBB	Hedge/Member	Mnth26	Increase	USD	1,850	1,850	2,150	2,150
SBB	Spec	Mnth27	Increase	USD	2,035	1,850	2,365	2,150
SBB	Hedge/Member	Mnth27	Increase	USD	1,850	1,850	2,150	2,150
SBB	Spec	Mnth28	Increase	USD	1,980	1,800	2,310	2,100
SBB	Hedge/Member	Mnth28	Increase	USD	1,800	1,800	2,100	2,100
SBB	Spec	Mnth29	Increase	USD	1,980	1,800	2,310	2,100
SBB	Hedge/Member	Mnth29	Increase	USD	1,800	1,800	2,100	2,100
SBB	Spec	Mnth30	Increase	USD	1,980	1,800	2,310	2,100
SBB	Hedge/Member	Mnth30	Increase	USD	1,800	1,800	2,100	2,100
SBB	Spec	Mnth31	Increase	USD	1,980	1,800	2,310	2,100
SBB	Hedge/Member	Mnth31	Increase	USD	1,800	1,800	2,100	2,100
SBB	Spec	Mnth32	Increase	USD	1,980	1,800	2,310	2,100
SBB	Hedge/Member	Mnth32	Increase	USD	1,800	1,800	2,100	2,100
SBB	Spec	Mnth33	Increase	USD	1,980	1,800	2,310	2,100
SBB	Hedge/Member	Mnth33	Increase	USD	1,800	1,800	2,100	2,100
SBB	Spec	Mnth34	Increase	USD	1,980	1,800	2,310	2,100
SBB	Hedge/Member	Mnth34	Increase	USD	1,800	1,800	2,100	2,100
SBB	Spec	Mnth35	Increase	USD	1,925	1,750	2,255	2,050
SBB	Hedge/Member	Mnth35	Increase	USD	1,750	1,750	2,050	2,050
SBB	Spec	Mnth36	Increase	USD	1,925	1,750	2,255	2,050
SBB	Hedge/Member	Mnth36	Increase	USD	1,750	1,750	2,050	2,050
SBB	Spec	Mnth37	Increase	USD	1,925	1,750	2,255	2,050
SBB	Hedge/Member	Mnth37	Increase	USD	1,750	1,750	2,050	2,050
SBB	Spec	Mnth38	Increase	USD	1,925	1,750	2,255	2,050
SBB	Hedge/Member	Mnth38	Increase	USD	1,750	1,750	2,050	2,050
SBB	Spec	Mnth39	Increase	USD	1,925	1,750	2,255	2,050
SBB	Hedge/Member	Mnth39	Increase	USD	1,750	1,750	2,050	2,050
SBB	Spec	Mnth40	Increase	USD	1,925	1,750	2,255	2,050

SPAN MINIMUM PERFORMANCE BOND REQUIREMENTS

CC	Rate Type	Description	Change	ISO	Current Initial	Current Maintenance	New Initial	New Maintenance
Outright Rates								
SBB	Hedge/Member	Mnth40	Increase	USD	1,750	1,750	2,050	2,050
SBB	Spec	Mnth41	Increase	USD	1,925	1,750	2,255	2,050
SBB	Hedge/Member	Mnth41	Increase	USD	1,750	1,750	2,050	2,050
SBB	Spec	Mnth42	Increase	USD	1,870	1,700	2,200	2,000
SBB	Hedge/Member	Mnth42	Increase	USD	1,700	1,700	2,000	2,000
SBB	Spec	Mnth43	Increase	USD	1,870	1,700	2,200	2,000
SBB	Hedge/Member	Mnth43	Increase	USD	1,700	1,700	2,000	2,000
SBB	Spec	Mnth44	Increase	USD	1,870	1,700	2,200	2,000
SBB	Hedge/Member	Mnth44	Increase	USD	1,700	1,700	2,000	2,000
SBB	Spec	Mnth45	Increase	USD	1,870	1,700	2,200	2,000
SBB	Hedge/Member	Mnth45	Increase	USD	1,700	1,700	2,000	2,000
SBB	Spec	Mnth46	Increase	USD	1,870	1,700	2,200	2,000
SBB	Hedge/Member	Mnth46	Increase	USD	1,700	1,700	2,000	2,000
SBB	Spec	Mnth47	Increase	USD	1,870	1,700	2,200	2,000
SBB	Hedge/Member	Mnth47	Increase	USD	1,700	1,700	2,000	2,000
SBB	Spec	Mnth48	Increase	USD	1,870	1,700	2,200	2,000
SBB	Hedge/Member	Mnth48	Increase	USD	1,700	1,700	2,000	2,000
SBB	Spec	Mnth49	Increase	USD	1,870	1,700	2,200	2,000
SBB	Hedge/Member	Mnth49	Increase	USD	1,700	1,700	2,000	2,000
SBB	Spec	Mnth50	Increase	USD	1,870	1,700	2,200	2,000
SBB	Hedge/Member	Mnth50	Increase	USD	1,700	1,700	2,000	2,000
SBB	Spec	Mnth51	Increase	USD	1,870	1,700	2,200	2,000
SBB	Hedge/Member	Mnth51	Increase	USD	1,700	1,700	2,000	2,000
SBB	Spec	Mnth52	Increase	USD	1,870	1,700	2,200	2,000
SBB	Hedge/Member	Mnth52	Increase	USD	1,700	1,700	2,000	2,000
SBB	Spec	Mnth53	Increase	USD	1,870	1,700	2,200	2,000
SBB	Hedge/Member	Mnth53	Increase	USD	1,700	1,700	2,000	2,000
SBB	Spec	Mnth54	Increase	USD	1,870	1,700	2,200	2,000
SBB	Hedge/Member	Mnth54	Increase	USD	1,700	1,700	2,000	2,000
SBB	Spec	Mnth55	Increase	USD	1,870	1,700	2,200	2,000
SBB	Hedge/Member	Mnth55	Increase	USD	1,700	1,700	2,000	2,000
SBB	Spec	Mnth56	Increase	USD	1,870	1,700	2,200	2,000
SBB	Hedge/Member	Mnth56	Increase	USD	1,700	1,700	2,000	2,000
SBB	Spec	Mnth57	Increase	USD	1,870	1,700	2,200	2,000
SBB	Hedge/Member	Mnth57	Increase	USD	1,700	1,700	2,000	2,000
SBB	Spec	Mnth58	Increase	USD	1,870	1,700	2,200	2,000
SBB	Hedge/Member	Mnth58	Increase	USD	1,700	1,700	2,000	2,000
SBB	Spec	Mnth59	Increase	USD	1,870	1,700	2,200	2,000
SBB	Hedge/Member	Mnth59	Increase	USD	1,700	1,700	2,000	2,000
SBB	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
Outright Rates								
SBB	Hedge/Member	Mnth60	Increase	USD	1,700	1,700	2,000	2,000
SBB	Spec	Mnth61	Increase	USD	1,870	1,700	2,200	2,000
SBB	Hedge/Member	Mnth61	Increase	USD	1,700	1,700	2,000	2,000
SBB	Spec	Mnth62	Increase	USD	1,870	1,700	2,200	2,000
SBB	Hedge/Member	Mnth62	Increase	USD	1,700	1,700	2,000	2,000
SBB	Spec	Mnth63	Increase	USD	1,870	1,700	2,200	2,000
SBB	Hedge/Member	Mnth63	Increase	USD	1,700	1,700	2,000	2,000
SBB	Spec	Mnth64	Increase	USD	1,870	1,700	2,200	2,000
SBB	Hedge/Member	Mnth64	Increase	USD	1,700	1,700	2,000	2,000
SBB	Spec	Mnth65+	Increase	USD	1,870	1,700	2,200	2,000
SBB	Hedge/Member	Mnth65+	Increase	USD	1,700	1,700	2,000	2,000
WTI BALMO FUT (42)								
42	Spec		Increase	USD	4,400	4,000	4,950	4,500
42	Hedge/Member		Increase	USD	4,000	4,000	4,500	4,500

SPAN MINIMUM PERFORMANCE BOND REQUIREMENTS

CC	Rate Type	Description	Change	ISO	Current Initial	Current Maintenance	New Initial	New Maintenance
Outright Rates								
WTI CALENDAR FUT (CS)								
CS	Spec	Mnth1	Increase	USD	3,245	2,950	3,740	3,400
CS	Hedge/Member	Mnth1	Increase	USD	2,950	2,950	3,400	3,400
CS	Spec	Mnth2	Increase	USD	3,190	2,900	3,630	3,300
CS	Hedge/Member	Mnth2	Increase	USD	2,900	2,900	3,300	3,300
CS	Spec	Mnth3	Increase	USD	3,135	2,850	3,520	3,200
CS	Hedge/Member	Mnth3	Increase	USD	2,850	2,850	3,200	3,200
CS	Spec	Mnth4	Increase	USD	2,970	2,700	3,300	3,000
CS	Hedge/Member	Mnth4	Increase	USD	2,700	2,700	3,000	3,000
CS	Spec	Mnth5	Increase	USD	2,805	2,550	3,135	2,850
CS	Hedge/Member	Mnth5	Increase	USD	2,550	2,550	2,850	2,850
CS	Spec	Mnth6	Increase	USD	2,695	2,450	3,025	2,750
CS	Hedge/Member	Mnth6	Increase	USD	2,450	2,450	2,750	2,750
CS	Spec	Mnth7	Increase	USD	2,585	2,350	2,915	2,650
CS	Hedge/Member	Mnth7	Increase	USD	2,350	2,350	2,650	2,650
CS	Spec	Mnth8	Increase	USD	2,530	2,300	2,860	2,600
CS	Hedge/Member	Mnth8	Increase	USD	2,300	2,300	2,600	2,600
CS	Spec	Mnth9	Increase	USD	2,475	2,250	2,805	2,550
CS	Hedge/Member	Mnth9	Increase	USD	2,250	2,250	2,550	2,550
CS	Spec	Mnth10	Increase	USD	2,420	2,200	2,750	2,500
CS	Hedge/Member	Mnth10	Increase	USD	2,200	2,200	2,500	2,500
CS	Spec	Mnth11	Increase	USD	2,365	2,150	2,695	2,450
CS	Hedge/Member	Mnth11	Increase	USD	2,150	2,150	2,450	2,450
CS	Spec	Mnth12	Increase	USD	2,310	2,100	2,640	2,400
CS	Hedge/Member	Mnth12	Increase	USD	2,100	2,100	2,400	2,400
CS	Spec	Mnth13	Increase	USD	2,310	2,100	2,640	2,400
CS	Hedge/Member	Mnth13	Increase	USD	2,100	2,100	2,400	2,400
CS	Spec	Mnth14	Increase	USD	2,255	2,050	2,585	2,350
CS	Hedge/Member	Mnth14	Increase	USD	2,050	2,050	2,350	2,350
CS	Spec	Mnth15	Increase	USD	2,145	1,950	2,475	2,250
CS	Hedge/Member	Mnth15	Increase	USD	1,950	1,950	2,250	2,250
CS	Spec	Mnth16	Increase	USD	2,090	1,900	2,420	2,200
CS	Hedge/Member	Mnth16	Increase	USD	1,900	1,900	2,200	2,200
CS	Spec	Mnth17	Increase	USD	2,090	1,900	2,420	2,200
CS	Hedge/Member	Mnth17	Increase	USD	1,900	1,900	2,200	2,200
CS	Spec	Mnth18	Increase	USD	1,980	1,800	2,310	2,100
CS	Hedge/Member	Mnth18	Increase	USD	1,800	1,800	2,100	2,100
CS	Spec	Mnth19	Increase	USD	1,980	1,800	2,310	2,100
CS	Hedge/Member	Mnth19	Increase	USD	1,800	1,800	2,100	2,100
CS	Spec	Mnth20	Increase	USD	1,925	1,750	2,255	2,050

SPAN MINIMUM PERFORMANCE BOND REQUIREMENTS

CC	Rate Type	Description	Change	ISO	Current Initial	Current Maintenance	New Initial	New Maintenance
Outright Rates								
CS	Hedge/Member	Mnth20	Increase	USD	1,750	1,750	2,050	2,050
CS	Spec	Mnth21	Increase	USD	1,870	1,700	2,200	2,000
CS	Hedge/Member	Mnth21	Increase	USD	1,700	1,700	2,000	2,000
CS	Spec	Mnth22	Increase	USD	1,870	1,700	2,200	2,000
CS	Hedge/Member	Mnth22	Increase	USD	1,700	1,700	2,000	2,000
CS	Spec	Mnth23	Increase	USD	1,815	1,650	2,145	1,950
CS	Hedge/Member	Mnth23	Increase	USD	1,650	1,650	1,950	1,950
CS	Spec	Mnth24	Increase	USD	1,815	1,650	2,145	1,950
CS	Hedge/Member	Mnth24	Increase	USD	1,650	1,650	1,950	1,950
CS	Spec	Mnth25	Increase	USD	1,815	1,650	2,145	1,950
CS	Hedge/Member	Mnth25	Increase	USD	1,650	1,650	1,950	1,950
CS	Spec	Mnth26	Increase	USD	1,760	1,600	2,090	1,900
CS	Hedge/Member	Mnth26	Increase	USD	1,600	1,600	1,900	1,900
CS	Spec	Mnth27	Increase	USD	1,760	1,600	2,090	1,900
CS	Hedge/Member	Mnth27	Increase	USD	1,600	1,600	1,900	1,900
CS	Spec	Mnth28	Increase	USD	1,760	1,600	2,090	1,900
CS	Hedge/Member	Mnth28	Increase	USD	1,600	1,600	1,900	1,900
CS	Spec	Mnth29	Increase	USD	1,650	1,500	1,980	1,800
CS	Hedge/Member	Mnth29	Increase	USD	1,500	1,500	1,800	1,800
CS	Spec	Mnth30	Increase	USD	1,650	1,500	1,980	1,800
CS	Hedge/Member	Mnth30	Increase	USD	1,500	1,500	1,800	1,800
CS	Spec	Mnth31	Increase	USD	1,650	1,500	1,980	1,800
CS	Hedge/Member	Mnth31	Increase	USD	1,500	1,500	1,800	1,800
CS	Spec	Mnth32	Increase	USD	1,650	1,500	1,870	1,700
CS	Hedge/Member	Mnth32	Increase	USD	1,500	1,500	1,700	1,700
CS	Spec	Mnth33	Increase	USD	1,650	1,500	1,870	1,700
CS	Hedge/Member	Mnth33	Increase	USD	1,500	1,500	1,700	1,700
CS	Spec	Mnth34	Increase	USD	1,650	1,500	1,870	1,700
CS	Hedge/Member	Mnth34	Increase	USD	1,500	1,500	1,700	1,700
CS	Spec	Mnth35	Increase	USD	1,650	1,500	1,870	1,700
CS	Hedge/Member	Mnth35	Increase	USD	1,500	1,500	1,700	1,700
CS	Spec	Mnth36	Increase	USD	1,650	1,500	1,870	1,700
CS	Hedge/Member	Mnth36	Increase	USD	1,500	1,500	1,700	1,700
CS	Spec	Mnth37	Increase	USD	1,650	1,500	1,870	1,700
CS	Hedge/Member	Mnth37	Increase	USD	1,500	1,500	1,700	1,700
CS	Spec	Mnth38	Increase	USD	1,650	1,500	1,870	1,700
CS	Hedge/Member	Mnth38	Increase	USD	1,500	1,500	1,700	1,700
CS	Spec	Mnth39	Increase	USD	1,650	1,500	1,870	1,700
CS	Hedge/Member	Mnth39	Increase	USD	1,500	1,500	1,700	1,700
CS	Spec	Mnth40	Increase	USD	1,650	1,500	1,870	1,700

SPAN MINIMUM PERFORMANCE BOND REQUIREMENTS

CC	Rate Type	Description	Change	ISO	Current Initial	Current Maintenance	New Initial	New Maintenance
Outright Rates								
CS	Hedge/Member	Mnth40	Increase	USD	1,500	1,500	1,700	1,700
CS	Spec	Mnth41	Increase	USD	1,650	1,500	1,870	1,700
CS	Hedge/Member	Mnth41	Increase	USD	1,500	1,500	1,700	1,700
CS	Spec	Mnth42	Increase	USD	1,650	1,500	1,870	1,700
CS	Hedge/Member	Mnth42	Increase	USD	1,500	1,500	1,700	1,700
CS	Spec	Mnth43	Increase	USD	1,650	1,500	1,870	1,700
CS	Hedge/Member	Mnth43	Increase	USD	1,500	1,500	1,700	1,700
CS	Spec	Mnth44	Increase	USD	1,650	1,500	1,870	1,700
CS	Hedge/Member	Mnth44	Increase	USD	1,500	1,500	1,700	1,700
CS	Spec	Mnth45	Increase	USD	1,650	1,500	1,870	1,700
CS	Hedge/Member	Mnth45	Increase	USD	1,500	1,500	1,700	1,700
CS	Spec	Mnth46	Increase	USD	1,650	1,500	1,870	1,700
CS	Hedge/Member	Mnth46	Increase	USD	1,500	1,500	1,700	1,700
CS	Spec	Mnth47	Increase	USD	1,650	1,500	1,870	1,700
CS	Hedge/Member	Mnth47	Increase	USD	1,500	1,500	1,700	1,700
CS	Spec	Mnth48	Increase	USD	1,650	1,500	1,870	1,700
CS	Hedge/Member	Mnth48	Increase	USD	1,500	1,500	1,700	1,700
CS	Spec	Mnth49	Increase	USD	1,650	1,500	1,870	1,700
CS	Hedge/Member	Mnth49	Increase	USD	1,500	1,500	1,700	1,700
CS	Spec	Mnth50	Increase	USD	1,650	1,500	1,870	1,700
CS	Hedge/Member	Mnth50	Increase	USD	1,500	1,500	1,700	1,700
CS	Spec	Mnth51	Increase	USD	1,650	1,500	1,870	1,700
CS	Hedge/Member	Mnth51	Increase	USD	1,500	1,500	1,700	1,700
CS	Spec	Mnth52	Increase	USD	1,650	1,500	1,870	1,700
CS	Hedge/Member	Mnth52	Increase	USD	1,500	1,500	1,700	1,700
CS	Spec	Mnth53	Increase	USD	1,650	1,500	1,870	1,700
CS	Hedge/Member	Mnth53	Increase	USD	1,500	1,500	1,700	1,700
CS	Spec	Mnth54	Increase	USD	1,650	1,500	1,870	1,700
CS	Hedge/Member	Mnth54	Increase	USD	1,500	1,500	1,700	1,700
CS	Spec	Mnth55	Increase	USD	1,650	1,500	1,870	1,700
CS	Hedge/Member	Mnth55	Increase	USD	1,500	1,500	1,700	1,700
CS	Spec	Mnth56	Increase	USD	1,650	1,500	1,870	1,700
CS	Hedge/Member	Mnth56	Increase	USD	1,500	1,500	1,700	1,700
CS	Spec	Mnth57	Increase	USD	1,650	1,500	1,870	1,700
CS	Hedge/Member	Mnth57	Increase	USD	1,500	1,500	1,700	1,700
CS	Spec	Mnth58	Increase	USD	1,650	1,500	1,870	1,700
CS	Hedge/Member	Mnth58	Increase	USD	1,500	1,500	1,700	1,700
CS	Spec	Mnth59	Increase	USD	1,650	1,500	1,870	1,700
CS	Hedge/Member	Mnth59	Increase	USD	1,500	1,500	1,700	1,700
CS	Spec	Mnth60	Increase	USD	1,650	1,500	1,870	1,700

SPAN MINIMUM PERFORMANCE BOND REQUIREMENTS

CC	Rate Type	Description	Change	ISO	Current Initial	Current Maintenance	New Initial	New Maintenance
Outright Rates								
CS	Hedge/Member	Mnth60	Increase	USD	1,500	1,500	1,700	1,700
CS	Spec	Mnth61	Increase	USD	1,650	1,500	1,870	1,700
CS	Hedge/Member	Mnth61	Increase	USD	1,500	1,500	1,700	1,700
CS	Spec	Mnth62	Increase	USD	1,650	1,500	1,870	1,700
CS	Hedge/Member	Mnth62	Increase	USD	1,500	1,500	1,700	1,700
CS	Spec	Mnth63	Increase	USD	1,650	1,500	1,870	1,700
CS	Hedge/Member	Mnth63	Increase	USD	1,500	1,500	1,700	1,700
CS	Spec	Mnth64	Increase	USD	1,650	1,500	1,870	1,700
CS	Hedge/Member	Mnth64	Increase	USD	1,500	1,500	1,700	1,700
CS	Spec	Mnth65+	Increase	USD	1,650	1,500	1,870	1,700
CS	Hedge/Member	Mnth65+	Increase	USD	1,500	1,500	1,700	1,700

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

ERIS Flex - Outright Rates

ERIS 2-YR INT RATE SWAP SEC COUPON (ZA9202)

ZA9202 Spec	Increase	USD	248	225	297	270
ZA9202 Hedge/Member	Increase	USD	225	225	270	270

ERIS Standards - Outright Rates

ERIS STANDARD 2Y INT RATE SWAP FUTU (ZA9102)

ZA9102 Spec	Contracts 1-4	Increase	USD	193	175	242	220
ZA9102 Hedge/Member	Contracts 1-4	Increase	USD	175	175	220	220
ZA9102 Spec	Contracts 5-8	Increase	USD	248	225	297	270
ZA9102 Hedge/Member	Contracts 5-8	Increase	USD	225	225	270	270
ZA9102 Spec	Contracts 9+	Increase	USD	248	225	297	270
ZA9102 Hedge/Member	Contracts 9+	Increase	USD	225	225	270	270

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

INTEREST RATES - Outright Rates

2 YEAR TREASURY NOTE FUTURES (26)

26	Spec		Increase	USD	303	275	341	310
26	Hedge/Member		Increase	USD	275	275	310	310

2 YEAR USD INT RATE SWAP FUTURES (T1U)

T1U	Spec		Increase	USD	248	225	297	270
T1U	Hedge/Member		Increase	USD	225	225	270	270

30 DAY FED FUND FUTURES (41)

41	Spec	Months 5-12	Increase	USD	248	225	286	260
41	Hedge/Member	Months 5-12	Increase	USD	225	225	260	260
41	Spec	Months 13-24	Increase	USD	440	400	523	475
41	Hedge/Member	Months 13-24	Increase	USD	400	400	475	475
41	Spec	Months 25+	Increase	USD	715	650	825	750
41	Hedge/Member	Months 25+	Increase	USD	650	650	750	750

EURODOLLAR FUTURES (ED)

ED	Spec	Tier 03 [contr 09-contr 12]	Increase	USD	385	350	440	400
ED	Hedge/Member	Tier 03 [contr 09-contr 12]	Increase	USD	350	350	400	400
ED	Spec	Tier 04 [contr 13-contr 16]	Increase	USD	578	525	633	575
ED	Hedge/Member	Tier 04 [contr 13-contr 16]	Increase	USD	525	525	575	575

SPAN MINIMUM PERFORMANCE BOND REQUIREMENTS

CC	Rate Type	Description	Change	ISO	Current Initial	Current Maintenance	New Initial	New Maintenance
Outright Rates								
NGL/PETROCHEMICALS - Outright Rates								
CONWAY PROPANE 5 DEC. FUT (8K)								
8K	Spec	Mth 2	Increase	USD	3,300	3,000	3,630	3,300
8K	Hedge/Member	Mth 2	Increase	USD	3,000	3,000	3,300	3,300
8K	Spec	Mth 3+	Increase	USD	2,750	2,500	3,300	3,000
8K	Hedge/Member	Mth 3+	Increase	USD	2,500	2,500	3,000	3,000
MONT BELVIEU NAT GAS (OPIS) FUT (W3)								
W3	Spec	Mnths 2+	Increase	USD	3,025	2,750	3,410	3,100
W3	Hedge/Member	Mnths 2+	Increase	USD	2,750	2,750	3,100	3,100
MT BELVIEU NAT GAS 5 D. OPIS (7Q)								
7Q	Spec	Mnths 2+	Increase	USD	3,025	2,750	3,410	3,100
7Q	Hedge/Member	Mnths 2+	Increase	USD	2,750	2,750	3,100	3,100
MT. BELVIEU MINI LDH PROPANE FUT (81)								
81	Spec	Mth 2-3	Increase	USD	220	200	264	240
81	Hedge/Member	Mth 2-3	Increase	USD	200	200	240	240
81	Spec	Mth 4+	Increase	USD	149	135	171	155
81	Hedge/Member	Mth 4+	Increase	USD	135	135	155	155
PROPANE 5 DECIMAL (B0)								
B0	Spec	Mth 2-3	Increase	USD	2,200	2,000	2,640	2,400
B0	Hedge/Member	Mth 2-3	Increase	USD	2,000	2,000	2,400	2,400
B0	Spec	Mth 4+	Increase	USD	1,485	1,350	1,705	1,550
B0	Hedge/Member	Mth 4+	Increase	USD	1,350	1,350	1,550	1,550
PROPANE NON LDH MT BELVIEU (1R)								
1R	Spec	Mth 2+	Increase	USD	1,870	1,700	2,200	2,000
1R	Hedge/Member	Mth 2+	Increase	USD	1,700	1,700	2,000	2,000
PETROLEUM CRACKS AND SPREADS - Outright Rates								
EUROPEAN NAPHTHA CRACK SPREAD FUT (EN)								
EN	Spec	Mnth 5+	Increase	USD	1,100	1,000	1,265	1,150
EN	Hedge/Member	Mnth 5+	Increase	USD	1,000	1,000	1,150	1,150
NAPHTHA (PLTS) CARGES CIF NWE CRACK (NOB)								
NOB	Spec	Mnth 5+	Increase	USD	9,790	8,900	11,259	10,235
NOB	Hedge/Member	Mnth 5+	Increase	USD	8,900	8,900	10,235	10,235

SPAN MINIMUM PERFORMANCE BOND REQUIREMENTS

CC	Rate Type	Description	Change	ISO	Current Initial	Current Maintenance	New Initial	New Maintenance
Outright Rates								
REFINED PRODUCTS - Outright Rates								
1% FUEL OIL (PLT) CARG CIF MED (1W)								
1W	Spec		Increase	USD	22,550	20,500	25,300	23,000
1W	Hedge/Member		Increase	USD	20,500	20,500	23,000	23,000
E-MINI GASOLINE FUTURES (QU)								
QU	Spec	Mnth 2	Increase	USD	1,815	1,650	1,980	1,800
QU	Hedge/Member	Mnth 2	Increase	USD	1,650	1,650	1,800	1,800
QU	Spec	Winter 2014/2015	Increase	USD	1,705	1,550	1,815	1,650
QU	Hedge/Member	Winter 2014/2015	Increase	USD	1,550	1,550	1,650	1,650
QU	Spec	Summer 2015	Increase	USD	1,485	1,350	1,595	1,450
QU	Hedge/Member	Summer 2015	Increase	USD	1,350	1,350	1,450	1,450
EUROPE 1% FUEL OIL NWE CALFUT (UF)								
UF	Spec	Mnth 1	Increase	USD	20,350	18,500	22,000	20,000
UF	Hedge/Member	Mnth 1	Increase	USD	18,500	18,500	20,000	20,000
UF	Spec	Mnths 2-6	Increase	USD	18,150	16,500	20,900	19,000
UF	Hedge/Member	Mnths 2-6	Increase	USD	16,500	16,500	19,000	19,000
UF	Spec	Mnths 7+	Increase	USD	16,500	15,000	18,700	17,000
UF	Hedge/Member	Mnths 7+	Increase	USD	15,000	15,000	17,000	17,000
EUROPE 3.5% FUEL OIL RDAM CALFUT (UV)								
UV	Spec	Mths 1	Increase	USD	20,900	19,000	23,100	21,000
UV	Hedge/Member	Mths 1	Increase	USD	19,000	19,000	21,000	21,000
UV	Spec	Mnths 2-6	Increase	USD	17,050	15,500	18,700	17,000
UV	Hedge/Member	Mnths 2-6	Increase	USD	15,500	15,500	17,000	17,000
UV	Spec	Mnths 7-10	Increase	USD	14,300	13,000	16,500	15,000
UV	Hedge/Member	Mnths 7-10	Increase	USD	13,000	13,000	15,000	15,000
UV	Spec	Mnths 11+	Increase	USD	13,200	12,000	15,400	14,000
UV	Hedge/Member	Mnths 11+	Increase	USD	12,000	12,000	14,000	14,000
EUROPEAN GASOIL ICE FUTURE (7F)								
7F	Spec	Mnth 1	Increase	USD	2,057	1,870	2,090	1,900
7F	Hedge/Member	Mnth 1	Increase	USD	1,870	1,870	1,900	1,900
7F	Spec	Mnths 2-6	Decrease	USD	1,936	1,760	1,870	1,700
7F	Hedge/Member	Mnths 2-6	Decrease	USD	1,760	1,760	1,700	1,700
7F	Spec	Mnths 7-11	Decrease	USD	1,876	1,705	1,760	1,600
7F	Hedge/Member	Mnths 7-11	Decrease	USD	1,705	1,705	1,600	1,600
7F	Spec	Mnths 12+	Decrease	USD	1,755	1,595	1,705	1,550
7F	Hedge/Member	Mnths 12+	Decrease	USD	1,595	1,595	1,550	1,550

SPAN MINIMUM PERFORMANCE BOND REQUIREMENTS

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

EUROPEAN GASOIL ICE TAS FUTURE (7FT)

7FT	Spec	Mnth 1	Increase	USD	2,057	1,870	2,090	1,900
7FT	Hedge/Member	Mnth 1	Increase	USD	1,870	1,870	1,900	1,900
7FT	Spec	Mnths 2-6	Decrease	USD	1,936	1,760	1,870	1,700
7FT	Hedge/Member	Mnths 2-6	Decrease	USD	1,760	1,760	1,700	1,700
7FT	Spec	Mnths 7-11	Decrease	USD	1,876	1,705	1,760	1,600
7FT	Hedge/Member	Mnths 7-11	Decrease	USD	1,705	1,705	1,600	1,600
7FT	Spec	Mnths 12+	Decrease	USD	1,755	1,595	1,705	1,550
7FT	Hedge/Member	Mnths 12+	Decrease	USD	1,595	1,595	1,550	1,550

GASOIL BULLET FUT (BG)

BG	Spec	Mnth 1	Increase	USD	20,570	18,700	20,900	19,000
BG	Hedge/Member	Mnth 1	Increase	USD	18,700	18,700	19,000	19,000
BG	Spec	Mnths 2-6	Decrease	USD	19,360	17,600	18,700	17,000
BG	Hedge/Member	Mnths 2-6	Decrease	USD	17,600	17,600	17,000	17,000
BG	Spec	Mnths 7-11	Decrease	USD	18,755	17,050	17,600	16,000
BG	Hedge/Member	Mnths 7-11	Decrease	USD	17,050	17,050	16,000	16,000
BG	Spec	Mnths 12+	Decrease	USD	17,545	15,950	17,050	15,500
BG	Hedge/Member	Mnths 12+	Decrease	USD	15,950	15,950	15,500	15,500

GASOIL CALENDAR FUT (GX)

GX	Spec	Mth 1	Increase	USD	18,700	17,000	20,900	19,000
GX	Hedge/Member	Mth 1	Increase	USD	17,000	17,000	19,000	19,000
GX	Spec	Mnths 2-6	Increase	USD	17,600	16,000	18,700	17,000
GX	Hedge/Member	Mnths 2-6	Increase	USD	16,000	16,000	17,000	17,000
GX	Spec	Mnths 7-11	Increase	USD	17,050	15,500	17,600	16,000
GX	Hedge/Member	Mnths 7-11	Increase	USD	15,500	15,500	16,000	16,000
GX	Spec	Mnths 12+	Increase	USD	15,950	14,500	17,050	15,500
GX	Hedge/Member	Mnths 12+	Increase	USD	14,500	14,500	15,500	15,500

GASOIL MINI CALENDAR FUT (QA)

QA	Spec	Mth 1	Increase	USD	1,870	1,700	2,090	1,900
QA	Hedge/Member	Mth 1	Increase	USD	1,700	1,700	1,900	1,900
QA	Spec	Mnths 2-6	Increase	USD	1,760	1,600	1,870	1,700
QA	Hedge/Member	Mnths 2-6	Increase	USD	1,600	1,600	1,700	1,700
QA	Spec	Mnths 7-11	Increase	USD	1,705	1,550	1,760	1,600
QA	Hedge/Member	Mnths 7-11	Increase	USD	1,550	1,550	1,600	1,600
QA	Spec	Mnths 12+	Increase	USD	1,595	1,450	1,705	1,550
QA	Hedge/Member	Mnths 12+	Increase	USD	1,450	1,450	1,550	1,550

SPAN MINIMUM PERFORMANCE BOND REQUIREMENTS

CC	Rate Type	Description	Change	ISO	Current Initial	Current Maintenance	New Initial	New Maintenance
Outright Rates								
GULF COAST GASOLINE CLNDR FUT (GS)								
GS	Spec	Mths 1	Increase	USD	3,960	3,600	4,290	3,900
GS	Hedge/Member	Mths 1	Increase	USD	3,600	3,600	3,900	3,900
GS	Spec	Mths 2	Increase	USD	3,960	3,600	4,290	3,900
GS	Hedge/Member	Mths 2	Increase	USD	3,600	3,600	3,900	3,900
GS	Spec	Mths 3-8	Increase	USD	3,520	3,200	4,070	3,700
GS	Hedge/Member	Mths 3-8	Increase	USD	3,200	3,200	3,700	3,700
GULF COAST NO.6 FUEL OIL 3.0%S FUT (MF)								
MF	Spec	Mnth 1	Increase	USD	2,255	2,050	2,420	2,200
MF	Hedge/Member	Mnth 1	Increase	USD	2,050	2,050	2,200	2,200
MF	Spec	Mnths 2-6	Increase	USD	2,145	1,950	2,310	2,100
MF	Hedge/Member	Mnths 2-6	Increase	USD	1,950	1,950	2,100	2,100
MF	Spec	Mnths 7+	Increase	USD	2,035	1,850	2,200	2,000
MF	Hedge/Member	Mnths 7+	Increase	USD	1,850	1,850	2,000	2,000
GULF COAST ULSD CALENDAR FUT (LY)								
LY	Spec	Mnth 1	Increase	USD	4,070	3,700	4,180	3,800
LY	Hedge/Member	Mnth 1	Increase	USD	3,700	3,700	3,800	3,800
LY	Spec	Mnths 2-6	Increase	USD	3,850	3,500	4,070	3,700
LY	Hedge/Member	Mnths 2-6	Increase	USD	3,500	3,500	3,700	3,700
LY	Spec	Mnths 7-12	Increase	USD	3,190	2,900	3,520	3,200
LY	Hedge/Member	Mnths 7-12	Increase	USD	2,900	2,900	3,200	3,200
LY	Spec	Mnths 13+	Increase	USD	2,750	2,500	3,080	2,800
LY	Hedge/Member	Mnths 13+	Increase	USD	2,500	2,500	2,800	2,800
JAPAN C&F NAPHTHA FUT (JA)								
JA	Spec	Mnth 1	Increase	USD	34,100	31,000	36,850	33,500
JA	Hedge/Member	Mnth 1	Increase	USD	31,000	31,000	33,500	33,500
JA	Spec	Mnths 2-6	Increase	USD	33,000	30,000	36,300	33,000
JA	Hedge/Member	Mnths 2-6	Increase	USD	30,000	30,000	33,000	33,000
LA CARB DIESEL (OPIS) (LX)								
LX	Spec	Mnth 1	Increase	USD	4,730	4,300	5,280	4,800
LX	Hedge/Member	Mnth 1	Increase	USD	4,300	4,300	4,800	4,800
LX	Spec	Mnths 2-6	Increase	USD	4,730	4,300	5,280	4,800
LX	Hedge/Member	Mnths 2-6	Increase	USD	4,300	4,300	4,800	4,800
LX	Spec	Mnths 7+	Increase	USD	3,960	3,600	5,280	4,800
LX	Hedge/Member	Mnths 7+	Increase	USD	3,600	3,600	4,800	4,800

SPAN MINIMUM PERFORMANCE BOND REQUIREMENTS

CC	Rate Type	Description	Change	ISO	Current Initial	Current Maintenance	New Initial	New Maintenance
Outright Rates								
MIN EUR 1% FUEL OIL CRGO FOBNWE FUT (0B)								
0B	Spec	Mnth 1	Increase	USD	2,035	1,850	2,200	2,000
0B	Hedge/Member	Mnth 1	Increase	USD	1,850	1,850	2,000	2,000
0B	Spec	Mnths 2-6	Increase	USD	1,815	1,650	2,090	1,900
0B	Hedge/Member	Mnths 2-6	Increase	USD	1,650	1,650	1,900	1,900
0B	Spec	Mnths 7+	Increase	USD	1,650	1,500	1,870	1,700
0B	Hedge/Member	Mnths 7+	Increase	USD	1,500	1,500	1,700	1,700
MIN JAPAN C&F NAPHTHA PLATTS FUT (MJN)								
MJN	Spec	Mnth 1	Increase	USD	3,410	3,100	3,685	3,350
MJN	Hedge/Member	Mnth 1	Increase	USD	3,100	3,100	3,350	3,350
MJN	Spec	Mnths 2-6	Increase	USD	3,300	3,000	3,630	3,300
MJN	Hedge/Member	Mnths 2-6	Increase	USD	3,000	3,000	3,300	3,300
MINI EURO 3.5% FUEL OIL FOB RDM FUT (0D)								
0D	Spec	Mths 1	Increase	USD	2,090	1,900	2,310	2,100
0D	Hedge/Member	Mths 1	Increase	USD	1,900	1,900	2,100	2,100
0D	Spec	Mnths 2-6	Increase	USD	1,705	1,550	1,870	1,700
0D	Hedge/Member	Mnths 2-6	Increase	USD	1,550	1,550	1,700	1,700
0D	Spec	Mnths 7-10	Increase	USD	1,430	1,300	1,650	1,500
0D	Hedge/Member	Mnths 7-10	Increase	USD	1,300	1,300	1,500	1,500
0D	Spec	Mnths 11+	Increase	USD	1,320	1,200	1,540	1,400
0D	Hedge/Member	Mnths 11+	Increase	USD	1,200	1,200	1,400	1,400
MOGAS92 UNLEADED (PLATTS) FUT (1N)								
1N	Spec	Mnths 2+	Increase	USD	4,180	3,800	4,400	4,000
1N	Hedge/Member	Mnths 2+	Increase	USD	3,800	3,800	4,000	4,000
1N	Spec	Mnth 1	Increase	USD	4,400	4,000	4,510	4,100
1N	Hedge/Member	Mnth 1	Increase	USD	4,000	4,000	4,100	4,100
NY HARBOR RESIDUAL FUEL 1.0% S FUT (MM)								
MM	Spec	Mnth 1	Increase	USD	2,090	1,900	2,310	2,100
MM	Hedge/Member	Mnth 1	Increase	USD	1,900	1,900	2,100	2,100
MM	Spec	Mnths 2-6	Increase	USD	2,090	1,900	2,255	2,050
MM	Hedge/Member	Mnths 2-6	Increase	USD	1,900	1,900	2,050	2,050
MM	Spec	Mnths 7+	Increase	USD	1,870	1,700	2,200	2,000
MM	Hedge/Member	Mnths 7+	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
Outright Rates								
RBOB CALENDAR FUT (RL)								
RL	Spec	Mnth 2	Increase	USD	3,630	3,300	3,960	3,600
RL	Hedge/Member	Mnth 2	Increase	USD	3,300	3,300	3,600	3,600
RL	Spec	Winter 2014/2015	Increase	USD	3,410	3,100	3,630	3,300
RL	Hedge/Member	Winter 2014/2015	Increase	USD	3,100	3,100	3,300	3,300
RL	Spec	Summer 2015	Increase	USD	2,970	2,700	3,190	2,900
RL	Hedge/Member	Summer 2015	Increase	USD	2,700	2,700	2,900	2,900
RBOB GASOLINE FINANCIAL FUTURES (RT)								
RT	Spec	Mnth 2	Increase	USD	3,630	3,300	3,960	3,600
RT	Hedge/Member	Mnth 2	Increase	USD	3,300	3,300	3,600	3,600
RT	Spec	Winter 2014/2015	Increase	USD	3,410	3,100	3,630	3,300
RT	Hedge/Member	Winter 2014/2015	Increase	USD	3,100	3,100	3,300	3,300
RT	Spec	Summer 2015	Increase	USD	2,970	2,700	3,190	2,900
RT	Hedge/Member	Summer 2015	Increase	USD	2,700	2,700	2,900	2,900
RBOB GASOLINE FUTURES (RB)								
RB	Spec	Mnth 2	Increase	USD	3,630	3,300	3,960	3,600
RB	Hedge/Member	Mnth 2	Increase	USD	3,300	3,300	3,600	3,600
RB	Spec	Winter 2014/2015	Increase	USD	3,410	3,100	3,630	3,300
RB	Hedge/Member	Winter 2014/2015	Increase	USD	3,100	3,100	3,300	3,300
RB	Spec	Summer 2015	Increase	USD	2,970	2,700	3,190	2,900
RB	Hedge/Member	Summer 2015	Increase	USD	2,700	2,700	2,900	2,900
RBOB GASOLINE TAM LONDON (RBL)								
RBL	Spec	Mnth 2	Increase	USD	3,630	3,300	3,960	3,600
RBL	Hedge/Member	Mnth 2	Increase	USD	3,300	3,300	3,600	3,600
RBL	Spec	Winter 2014/2015	Increase	USD	3,410	3,100	3,630	3,300
RBL	Hedge/Member	Winter 2014/2015	Increase	USD	3,100	3,100	3,300	3,300
RBL	Spec	Summer 2015	Increase	USD	2,970	2,700	3,190	2,900
RBL	Hedge/Member	Summer 2015	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
Outright Rates								
RBOB GASOLINE TAM PLATTS PR (RBS)								
RBS	Spec	Mnth 2	Increase	USD	3,630	3,300	3,960	3,600
RBS	Hedge/Member	Mnth 2	Increase	USD	3,300	3,300	3,600	3,600
RBS	Spec	Winter 2014/2015	Increase	USD	3,410	3,100	3,630	3,300
RBS	Hedge/Member	Winter 2014/2015	Increase	USD	3,100	3,100	3,300	3,300
RBS	Spec	Summer 2015	Increase	USD	2,970	2,700	3,190	2,900
RBS	Hedge/Member	Summer 2015	Increase	USD	2,700	2,700	2,900	2,900
RBOB GASOLINE TAM PLATTS PRICE (4RB)								
4RB	Spec	Mnth 2	Increase	USD	3,630	3,300	3,960	3,600
4RB	Hedge/Member	Mnth 2	Increase	USD	3,300	3,300	3,600	3,600
4RB	Spec	Winter 2014/2015	Increase	USD	3,410	3,100	3,630	3,300
4RB	Hedge/Member	Winter 2014/2015	Increase	USD	3,100	3,100	3,300	3,300
4RB	Spec	Summer 2015	Increase	USD	2,970	2,700	3,190	2,900
4RB	Hedge/Member	Summer 2015	Increase	USD	2,700	2,700	2,900	2,900
RBOB GASOLINE TAM PLATTS PRICING (3RB)								
3RB	Spec	Mnth 2	Increase	USD	3,630	3,300	3,960	3,600
3RB	Hedge/Member	Mnth 2	Increase	USD	3,300	3,300	3,600	3,600
3RB	Spec	Winter 2014/2015	Increase	USD	3,410	3,100	3,630	3,300
3RB	Hedge/Member	Winter 2014/2015	Increase	USD	3,100	3,100	3,300	3,300
3RB	Spec	Summer 2015	Increase	USD	2,970	2,700	3,190	2,900
3RB	Hedge/Member	Summer 2015	Increase	USD	2,700	2,700	2,900	2,900
RBOB LAST DAY FINANCIAL FUTURES (27)								
27	Spec	Mnth 2	Increase	USD	3,630	3,300	3,960	3,600
27	Hedge/Member	Mnth 2	Increase	USD	3,300	3,300	3,600	3,600
27	Spec	Winter 2014/2015	Increase	USD	3,410	3,100	3,630	3,300
27	Hedge/Member	Winter 2014/2015	Increase	USD	3,100	3,100	3,300	3,300
27	Spec	Summer 2015	Increase	USD	2,970	2,700	3,190	2,900
27	Hedge/Member	Summer 2015	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
Outright Rates								
RBOB PLATTS 3:15 TRADABLE MARKER (RBP)								
RBP	Spec	Mnth 2	Increase	USD	3,630	3,300	3,960	3,600
RBP	Hedge/Member	Mnth 2	Increase	USD	3,300	3,300	3,600	3,600
RBP	Spec	Winter 2014/2015	Increase	USD	3,410	3,100	3,630	3,300
RBP	Hedge/Member	Winter 2014/2015	Increase	USD	3,100	3,100	3,300	3,300
RBP	Spec	Summer 2015	Increase	USD	2,970	2,700	3,190	2,900
RBP	Hedge/Member	Summer 2015	Increase	USD	2,700	2,700	2,900	2,900
RBOB TRADE AT SETTLEMENT (RBT)								
RBT	Spec	Mnth 2	Increase	USD	3,630	3,300	3,960	3,600
RBT	Hedge/Member	Mnth 2	Increase	USD	3,300	3,300	3,600	3,600
RBT	Spec	Winter 2014/2015	Increase	USD	3,410	3,100	3,630	3,300
RBT	Hedge/Member	Winter 2014/2015	Increase	USD	3,100	3,100	3,300	3,300
RBT	Spec	Summer 2015	Increase	USD	2,970	2,700	3,190	2,900
RBT	Hedge/Member	Summer 2015	Increase	USD	2,700	2,700	2,900	2,900
SYNRBOB LAST DAY FINANCIAL FUT (S27)								
S27	Spec	Mnth 2	Increase	USD	3,630	3,300	3,960	3,600
S27	Hedge/Member	Mnth 2	Increase	USD	3,300	3,300	3,600	3,600
S27	Spec	Winter 2014/2015	Increase	USD	3,410	3,100	3,630	3,300
S27	Hedge/Member	Winter 2014/2015	Increase	USD	3,100	3,100	3,300	3,300
S27	Spec	Summer 2015	Increase	USD	2,970	2,700	3,190	2,900
S27	Hedge/Member	Summer 2015	Increase	USD	2,700	2,700	2,900	2,900
SYNTHET GULF COAST GASOLINE CLNDR F (SGS)								
SGS	Spec	Mths 1	Increase	USD	3,960	3,600	4,290	3,900
SGS	Hedge/Member	Mths 1	Increase	USD	3,600	3,600	3,900	3,900
SGS	Spec	Mths 2	Increase	USD	3,960	3,600	4,290	3,900
SGS	Hedge/Member	Mths 2	Increase	USD	3,600	3,600	3,900	3,900
SGS	Spec	Mths 3-8	Increase	USD	3,520	3,200	4,070	3,700
SGS	Hedge/Member	Mths 3-8	Increase	USD	3,200	3,200	3,700	3,700

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

WEATHER - Outright Rates

KANSAS CITY MONTHLY HDD FUTURES (HX)

HX	Spec		Increase	USD	9%	8%	11%	10%
HX	Hedge/Member		Increase	USD	8%	8%	10%	10%

SPAN MINIMUM PERFORMANCE BOND REQUIREMENTS

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

INTEREST RATES - Intra Spreads

Fed Funds (CBOT) (41) - Tier 2 vs. Tier 4 [mth 2-4 vs. mth 13-24] (30 DAY FED FUND FUTURES)

41	Spec	Increase	USD	165	150	275	250
41	Hedge/Member	Increase	USD	150	150	250	250

Fed Funds (CBOT) (41) - Tier 2 vs. Tier 5 [mth 2-4 vs. mth 25+] (30 DAY FED FUND FUTURES)

41	Spec	Increase	USD	77	70	187	170
41	Hedge/Member	Increase	USD	70	70	170	170

Fed Funds (CBOT) (41) - Tier 3 vs. Tier 4 [mth 5-12 vs. mth 13-24] (30 DAY FED FUND FUTURES)

41	Spec	Increase	USD	220	200	330	300
41	Hedge/Member	Increase	USD	200	200	300	300

Fed Funds (CBOT) (41) - Tier 3 vs. Tier 5 [mth 5-12 vs. mth 25+] (30 DAY FED FUND FUTURES)

41	Spec	Increase	USD	83	75	193	175
41	Hedge/Member	Increase	USD	75	75	175	175

Fed Funds (CBOT) (41) - Tier 4 vs. Tier 4 [mth 13-24 vs. mth 13-24] (30 DAY FED FUND FUTURES)

41	Spec	Increase	USD	264	240	374	340
41	Hedge/Member	Increase	USD	240	240	340	340

SPAN MINIMUM PERFORMANCE BOND REQUIREMENTS

CC	Rate Type	Description	Change	ISO	Current Initial	Current Maintenance	New Initial	New Maintenance
Intra Spreads								
METALS - Intra Spreads								
Aluminum MW US Transaction Premium Platts (25MT) Swap Futures - All Months (ALUMINUM MW TRANS PREM PLATTS SWAPS)								
AUP	Spec		Increase	USD	330	300	495	450
AUP	Hedge/Member		Increase	USD	300	300	450	450
COMEX Gold - Tier 1 vs Tier 4 (10 TROY OZ GOLD FUTURES)								
MGC	Spec		Decrease	USD	44	40	39	35
MGC	Hedge/Member		Decrease	USD	40	40	35	35
COMEX Gold - Tier 1 vs Tier 4 (COMEX 100 GOLD FUTURES)								
GC	Spec		Decrease	USD	440	400	385	350
GC	Hedge/Member		Decrease	USD	400	400	350	350
COMEX Gold - Tier 1 vs Tier 4 (COMEX 100 GOLD TRADE AT SETTLEMENT)								
GCT	Spec		Decrease	USD	440	400	385	350
GCT	Hedge/Member		Decrease	USD	400	400	350	350
COMEX Gold - Tier 1 vs Tier 4 (COMEX MINY GOLD FUTURES)								
QO	Spec		Decrease	USD	220	200	193	175
QO	Hedge/Member		Decrease	USD	200	200	175	175
COMEX Gold - Tier 2 vs Tier 4 (10 TROY OZ GOLD FUTURES)								
MGC	Spec		Decrease	USD	44	40	39	35
MGC	Hedge/Member		Decrease	USD	40	40	35	35
COMEX Gold - Tier 2 vs Tier 4 (COMEX 100 GOLD FUTURES)								
GC	Spec		Decrease	USD	440	400	385	350
GC	Hedge/Member		Decrease	USD	400	400	350	350
COMEX Gold - Tier 2 vs Tier 4 (COMEX 100 GOLD TRADE AT SETTLEMENT)								
GCT	Spec		Decrease	USD	440	400	385	350
GCT	Hedge/Member		Decrease	USD	400	400	350	350
COMEX Gold - Tier 2 vs Tier 4 (COMEX MINY GOLD FUTURES)								
QO	Spec		Decrease	USD	220	200	193	175
QO	Hedge/Member		Decrease	USD	200	200	175	175
COMEX Gold - Tier 3 vs Tier 4 (10 TROY OZ GOLD FUTURES)								
MGC	Spec		Decrease	USD	44	40	39	35
MGC	Hedge/Member		Decrease	USD	40	40	35	35
COMEX Gold - Tier 3 vs Tier 4 (COMEX 100 GOLD FUTURES)								
GC	Spec		Decrease	USD	440	400	385	350
GC	Hedge/Member		Decrease	USD	400	400	350	350

SPAN MINIMUM PERFORMANCE BOND REQUIREMENTS

CC	Rate Type	Description	Change	ISO	Current Initial	Current Maintenance	New Initial	New Maintenance
Intra Spreads								
COMEX Gold - Tier 3 vs Tier 4 (COMEX 100 GOLD TRADE AT SETTLEMENT)								
GCT	Spec		Decrease	USD	440	400	385	350
GCT	Hedge/Member		Decrease	USD	400	400	350	350
COMEX Gold - Tier 3 vs Tier 4 (COMEX MINY GOLD FUTURES)								
QO	Spec		Decrease	USD	220	200	193	175
QO	Hedge/Member		Decrease	USD	200	200	175	175
COMEX Gold - Tier 4 vs Tier 4 (10 TROY OZ GOLD FUTURES)								
MGC	Spec		Decrease	USD	44	40	39	35
MGC	Hedge/Member		Decrease	USD	40	40	35	35
COMEX Gold - Tier 4 vs Tier 4 (COMEX 100 GOLD FUTURES)								
GC	Spec		Decrease	USD	440	400	385	350
GC	Hedge/Member		Decrease	USD	400	400	350	350
COMEX Gold - Tier 4 vs Tier 4 (COMEX 100 GOLD TRADE AT SETTLEMENT)								
GCT	Spec		Decrease	USD	440	400	385	350
GCT	Hedge/Member		Decrease	USD	400	400	350	350
COMEX Gold - Tier 4 vs Tier 4 (COMEX MINY GOLD FUTURES)								
QO	Spec		Decrease	USD	220	200	193	175
QO	Hedge/Member		Decrease	USD	200	200	175	175
Comex Silver - Tier 1 vs Tier 3 (1000 OZ SILVER FUTURES)								
SIL	Spec		Decrease	USD	77	70	66	60
SIL	Hedge/Member		Decrease	USD	70	70	60	60
Comex Silver - Tier 1 vs Tier 3 (COMEX 5000 SILVER FUTURES)								
SI	Spec		Decrease	USD	385	350	330	300
SI	Hedge/Member		Decrease	USD	350	350	300	300
Comex Silver - Tier 1 vs Tier 3 (COMEX 5000 SILVER TRADE AT SETTLE)								
SIT	Spec		Decrease	USD	385	350	330	300
SIT	Hedge/Member		Decrease	USD	350	350	300	300
Comex Silver - Tier 1 vs Tier 3 (COMEX MINY SILVER FUTURES)								
QI	Spec		Decrease	USD	193	175	165	150
QI	Hedge/Member		Decrease	USD	175	175	150	150
Comex Silver - Tier 1 vs Tier 3 (E-MINI SILVER FUTURES)								
6Q	Spec		Decrease	USD	77	70	66	60
6Q	Hedge/Member		Decrease	USD	70	70	60	60

SPAN MINIMUM PERFORMANCE BOND REQUIREMENTS

CC	Rate Type	Description	Change	ISO	Current Initial	Current Maintenance	New Initial	New Maintenance
Intra Spreads								
Comex Silver - Tier 1 vs Tier 4 (1000 OZ SILVER FUTURES)								
SIL	Spec		Decrease	USD	171	155	154	140
SIL	Hedge/Member		Decrease	USD	155	155	140	140
Comex Silver - Tier 1 vs Tier 4 (COMEX 5000 SILVER FUTURES)								
SI	Spec		Decrease	USD	853	775	770	700
SI	Hedge/Member		Decrease	USD	775	775	700	700
Comex Silver - Tier 1 vs Tier 4 (COMEX 5000 SILVER TRADE AT SETTLE)								
SIT	Spec		Decrease	USD	853	775	770	700
SIT	Hedge/Member		Decrease	USD	775	775	700	700
Comex Silver - Tier 1 vs Tier 4 (COMEX MINY SILVER FUTURES)								
QI	Spec		Decrease	USD	426	388	385	350
QI	Hedge/Member		Decrease	USD	388	388	350	350
Comex Silver - Tier 1 vs Tier 4 (E-MINI SILVER FUTURES)								
6Q	Spec		Decrease	USD	171	155	154	140
6Q	Hedge/Member		Decrease	USD	155	155	140	140
Comex Silver - Tier 2 vs Tier 3 (1000 OZ SILVER FUTURES)								
SIL	Spec		Decrease	USD	55	50	44	40
SIL	Hedge/Member		Decrease	USD	50	50	40	40
Comex Silver - Tier 2 vs Tier 3 (COMEX 5000 SILVER FUTURES)								
SI	Spec		Decrease	USD	275	250	220	200
SI	Hedge/Member		Decrease	USD	250	250	200	200
Comex Silver - Tier 2 vs Tier 3 (COMEX 5000 SILVER TRADE AT SETTLE)								
SIT	Spec		Decrease	USD	275	250	220	200
SIT	Hedge/Member		Decrease	USD	250	250	200	200
Comex Silver - Tier 2 vs Tier 3 (COMEX MINY SILVER FUTURES)								
QI	Spec		Decrease	USD	138	125	110	100
QI	Hedge/Member		Decrease	USD	125	125	100	100
Comex Silver - Tier 2 vs Tier 3 (E-MINI SILVER FUTURES)								
6Q	Spec		Decrease	USD	55	50	44	40
6Q	Hedge/Member		Decrease	USD	50	50	40	40
Comex Silver - Tier 2 vs Tier 4 (1000 OZ SILVER FUTURES)								
SIL	Spec		Decrease	USD	171	155	154	140
SIL	Hedge/Member		Decrease	USD	155	155	140	140

SPAN MINIMUM PERFORMANCE BOND REQUIREMENTS

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6Q	Hedge/Member		Decrease	USD	155	155	140	140
Comex Silver - Tier 3 vs Tier 3 (1000 OZ SILVER FUTURES)								
SIL	Spec		Decrease	USD	55	50	44	40
SIL	Hedge/Member		Decrease	USD	50	50	40	40
Comex Silver - Tier 3 vs Tier 3 (COMEX 5000 SILVER FUTURES)								
SI	Spec		Decrease	USD	275	250	220	200
SI	Hedge/Member		Decrease	USD	250	250	200	200
Comex Silver - Tier 3 vs Tier 3 (COMEX 5000 SILVER TRADE AT SETTLE)								
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Comex Silver - Tier 3 vs Tier 3 (E-MINI SILVER FUTURES)								
6Q	Spec		Decrease	USD	55	50	44	40
6Q	Hedge/Member		Decrease	USD	50	50	40	40
Comex Silver - Tier 3 vs Tier 4 (1000 OZ SILVER FUTURES)								
SIL	Spec		Decrease	USD	171	155	154	140
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Comex Silver - Tier 3 vs Tier 4 (COMEX 5000 SILVER FUTURES)								
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SPAN MINIMUM PERFORMANCE BOND REQUIREMENTS

CC	Rate Type	Description	Change	ISO	Current Initial	Current Maintenance	New Initial	New Maintenance
Intra Spreads								
Comex Silver - Tier 3 vs Tier 4 (COMEX 5000 SILVER TRADE AT SETTLE)								
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6Q	Hedge/Member		Decrease	USD	155	155	140	140
Comex Silver - Tier 4 vs Tier 4 (1000 OZ SILVER FUTURES)								
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SIT	Hedge/Member		Decrease	USD	775	775	700	700
Comex Silver - Tier 4 vs Tier 4 (COMEX MINY SILVER FUTURES)								
QI	Spec		Decrease	USD	426	388	385	350
QI	Hedge/Member		Decrease	USD	388	388	350	350
Comex Silver - Tier 4 vs Tier 4 (E-MINI SILVER FUTURES)								
6Q	Spec		Decrease	USD	171	155	154	140
6Q	Hedge/Member		Decrease	USD	155	155	140	140
Iron Ore Futures - All Months (IRON ORE FUTURES)								
TIO	Spec		Decrease	USD	2,200	2,000	1,650	1,500
TIO	Hedge/Member		Decrease	USD	2,000	2,000	1,500	1,500
U.S. Midwest #1 Busheling Ferrous Scrap (AMM) Futures - All Months (U.S. MIDWEST BUSHELING SCRAP)								
BUS	Spec		Decrease	USD	605	550	440	400
BUS	Hedge/Member		Decrease	USD	550	550	400	400
U.S. Midwest #1 Busheling Ferrous Scrap (AMM) Futures - All Months (US MW BUSHELING FERROUS SCRAP SWAP)								
BUW	Spec		Decrease	USD	605	550	440	400
BUW	Hedge/Member		Decrease	USD	550	550	400	400

SPAN MINIMUM PERFORMANCE BOND REQUIREMENTS

Rate Type	Change	Ratio	Current Initial	Current Maintenance	New Initial	New Maintenance
Inter-commodity Spread Rates						
CRUDE OIL - Inter-commodity Spread Rates						
WTI MIDLAND (ARGUS) TRADE MONTH FUTURES (NY-WTI - CME) vs WTS (ARGUS) CALENDAR SWAP FUTURES (NY-XB - CME)						
Spread Credit Rate	New	+1:-1			98%	98%
WTS (ARGUS) FINANCIAL FUTURES (NY-WTS - CME) vs WTS (ARGUS) TRADE MONTH SWAP FUTURES (NY-AY - CME)						
Spread Credit Rate	New	+1:-1			98%	98%
ERIS Flex - Inter-commodity Spread Rates						
5 YR EURODOLLAR BUNDLE FUTURE (BU5 - CME) vs 5YR INTEREST RATE SWAP FUTURE ERIS (ZB9205 - CME)						
Spread Credit Rate	Increase	+1:-10	60%	60%	75%	75%
ERIS Standards - Inter-commodity Spread Rates						
5 YR EURODOLLAR BUNDLE FUTURE (BU5 - CME) vs 5YR INTEREST RATE SWAP FUTURE ERIS (ZB9105 - CME)						
Spread Credit Rate	Increase	+1:-10	60%	60%	75%	75%
INTEREST RATES - Inter-commodity Spread Rates						
5 YR EURODOLLAR BUNDLE FUTURE (BU5 - CME) vs 5 YEAR INTEREST RATE SWAP DELIVERABLE FUTURE (F1U - CME)						
Spread Credit Rate	Increase	+1:-12	60%	60%	75%	75%
5 YR EURODOLLAR BUNDLE FUTURE (BU5 - CME) vs 5YR INTEREST RATE SWAP FUTURE ERIS (ZB9105 - CME)						
Spread Credit Rate	Increase	+1:-10	60%	60%	75%	75%
5 YR EURODOLLAR BUNDLE FUTURE (BU5 - CME) vs 5YR INTEREST RATE SWAP FUTURE ERIS (ZB9205 - CME)						
Spread Credit Rate	Increase	+1:-10	60%	60%	75%	75%

SPAN MINIMUM PERFORMANCE BOND REQUIREMENTS

Rate Type	Change	Ratio	Current Initial	Current Maintenance	New Initial	New Maintenance
Inter-commodity Spread Rates						
NATURAL GAS - Inter-commodity Spread Rates						
ANR OK BASIS SWAP (PLATTS IFERC) FUTURES (NY-NE - CME) vs CENTERPOINT NATURAL GAS BASIS SWAP (PLATTS IFERC) FUTURES (NY-PW - CME)						
Spread Credit Rate	Decrease	+1:-1	40%	40%	30%	30%
ANR OK BASIS SWAP (PLATTS IFERC) FUTURES (NY-NE - CME) vs ONEOK, OKLAHOMA BASIS SWAP (PLATTS IFERC) FUTURES (NY-8X - CME)						
Spread Credit Rate	Decrease	+1:-1	50%	50%	40%	40%
ANR OK BASIS SWAP (PLATTS IFERC) FUTURES (NY-NE - CME) vs PG&E CITYGATE BASIS SWAP (PLATTS IFERC) FUTURES (NY-PC - CME)						
Spread Credit Rate	Decrease	+1:-1	50%	50%	40%	40%
ANR OK BASIS SWAP (PLATTS IFERC) FUTURES (NY-NE - CME) vs ROCKIES BASIS SWAP (PLATTS IFERC) FUTURES (NY-NR - CME)						
Spread Credit Rate	Decrease	+1:-1	50%	50%	0%	0%
ANR OK BASIS SWAP (PLATTS IFERC) FUTURES (NY-NE - CME) vs SAN JUAN BASIS SWAP (PLATTS IFERC) FUTURES (NY-NJ - CME)						
Spread Credit Rate	Decrease	+1:-1	45%	45%	30%	30%
ANR OK BASIS SWAP (PLATTS IFERC) FUTURES (NY-NE - CME) vs SOCAL BASIS SWAP (PLATTS IFERC) FUTURES (NY-NS - CME)						
Spread Credit Rate	Decrease	+1:-1	40%	40%	30%	30%
ANR OK BASIS SWAP (PLATTS IFERC) FUTURES (NY-NE - CME) vs SOUTHERN STAR TX.-OKLA.-KAN. BASIS SWAP (PLATTS IFERC) FUTURES (NY-8Z - CME)						
Spread Credit Rate	Decrease	+1:-1	55%	55%	30%	30%
ANR OK BASIS SWAP (PLATTS IFERC) FUTURES (NY-NE - CME) vs WAHA BASIS SWAP (PLATTS IFERC) FUTURES (NY-NW - CME)						
Spread Credit Rate	Decrease	+1:-1	50%	50%	30%	30%
CENTERPOINT NATURAL GAS BASIS SWAP (PLATTS IFERC) FUTURES (NY-PW - CME) vs ONEOK, OKLAHOMA BASIS SWAP (PLATTS IFERC) FUTURES (NY-8X - CME)						
Spread Credit Rate	Increase	+1:-1	45%	45%	55%	55%
CENTERPOINT NATURAL GAS BASIS SWAP (PLATTS IFERC) FUTURES (NY-PW - CME) vs SOUTHERN STAR TX.-OKLA.-KAN. BASIS SWAP (PLATTS IFERC) FUTURES (NY-8Z - CME)						
Spread Credit Rate	Decrease	+1:-1	40%	40%	30%	30%
CHICAGO BASIS SWAP (PLATTS IFERC) FUTURES (NY-NB - CME) vs DEMARC BASIS SWAP (PLATTS IFERC) FUTURES (NY-PE - CME)						
Spread Credit Rate	Increase	+1:-1	0%	0%	40%	40%
CHICAGO BASIS SWAP (PLATTS IFERC) FUTURES (NY-NB - CME) vs MICHCON BASIS SWAP (PLATTS IFERC) FUTURES (NY-NF - CME)						
Spread Credit Rate	Increase	+1:-1	30%	30%	35%	35%
CHICAGO BASIS SWAP (PLATTS IFERC) FUTURES (NY-NB - CME) vs ONEOK, OKLAHOMA BASIS SWAP (PLATTS IFERC) FUTURES (NY-8X - CME)						
Spread Credit Rate	Increase	+1:-1	0%	0%	50%	50%

SPAN MINIMUM PERFORMANCE BOND REQUIREMENTS

Rate Type	Change	Ratio	Current Initial	Current Maintenance	New Initial	New Maintenance
Inter-commodity Spread Rates						
CHICAGO BASIS SWAP (PLATTS IFERC) FUTURES (NY-NB - CME) vs SOCAL CITY-GATE BASIS SWAP (PLATTS IFERC) FUTURES (NY-9A - CME)						
Spread Credit Rate	New	+1:-1			35%	35%
CHICAGO BASIS SWAP (PLATTS IFERC) FUTURES (NY-NB - CME) vs VENTURA BASIS SWAP (PLATTS IFERC) FUTURES (NY-PF - CME)						
Spread Credit Rate	Increase	+1:-1	20%	20%	50%	50%
CIG ROCKIES BASIS SWAP (PLATTS IFERC) FUTURES (NY-CI - CME) vs NGPL MID-CON BASIS SWAP (PLATTS IFERC) FUTURES (NY-NL - CME)						
Spread Credit Rate	Increase	+1:-1	35%	35%	45%	45%
CIG ROCKIES BASIS SWAP (PLATTS IFERC) FUTURES (NY-CI - CME) vs NGPL TEXOK BASIS SWAP (PLATTS IFERC) FUTURES (NY-PD - CME)						
Spread Credit Rate	Decrease	+1:-1	60%	60%	40%	40%
CIG ROCKIES BASIS SWAP (PLATTS IFERC) FUTURES (NY-CI - CME) vs ONEOK, OKLAHOMA BASIS SWAP (PLATTS IFERC) FUTURES (NY-8X - CME)						
Spread Credit Rate	Increase	+1:-1	35%	35%	45%	45%
CIG ROCKIES BASIS SWAP (PLATTS IFERC) FUTURES (NY-CI - CME) vs SAN JUAN BASIS SWAP (PLATTS IFERC) FUTURES (NY-NJ - CME)						
Spread Credit Rate	Increase	+1:-1	45%	45%	55%	55%
CIG ROCKY MOUNTAIN BASIS SWAP (PLATTS IFERC) (NYM-CI - CME) vs NORTHWEST PIPELINE, ROCKIES BASIS SWAP (PLATTS IFE (NYM-NR - CME)						
Spread Credit Rate	Decrease	+1:-1	40%	40%	0%	0%
CIG ROCKY MOUNTAIN BASIS SWAP (PLATTS IFERC) (NYM-CI - CME) vs PACIFIC GAS & ELECTRIC (PG&E) CITYGATE BASIS SWAP (NYM-PC - CME)						
Spread Credit Rate	Increase	+1:-1	30%	30%	35%	35%
CIG ROCKY MOUNTAIN BASIS SWAP (PLATTS IFERC) (NYM-CI - CME) vs SUMAS BASIS SWAP (PLATTS IFERC) (NYM-NK - CME)						
Spread Credit Rate	Decrease	+1:-1	40%	40%	30%	30%
COLUMBIA GULF LOUISIANA BASIS SWAP (PLATTS IFERC) FUTURES (NY-GL - CME) vs NGPL STX NATURAL GAS BASIS SWAP (PLATTS IFERC) FUTURES (NY-T5 - CME)						
Spread Credit Rate	Decrease	+1:-1	65%	65%	45%	45%
COLUMBIA GULF LOUISIANA BASIS SWAP (PLATTS IFERC) FUTURES (NY-GL - CME) vs TETCO ELA BASIS SWAP (PLATTS IFERC) FUTURES (NY-TE - CME)						
Spread Credit Rate	Decrease	+1:-1	65%	65%	50%	50%
COLUMBIA GULF LOUISIANA BASIS SWAP (PLATTS IFERC) FUTURES (NY-GL - CME) vs TEXAS GAS ZONE 1 BASIS SWAP (PLATTS IFERC) FUTURES (NY-9F - CME)						
Spread Credit Rate	Decrease	+1:-1	75%	75%	50%	50%
COLUMBIA GULF LOUISIANA BASIS SWAP (PLATTS IFERC) FUTURES (NY-GL - CME) vs TRANSCO ZONE 1 BASIS SWAP (PLATTS IFERC) FUTURES (NY-8E - CME)						
Spread Credit Rate	Decrease	+1:-1	75%	75%	45%	45%

SPAN MINIMUM PERFORMANCE BOND REQUIREMENTS

Rate Type	Change	Ratio	Current Initial	Current Maintenance	New Initial	New Maintenance
Inter-commodity Spread Rates						
COLUMBIA GULF MAINLINE BASIS SWAP (PLATTS IFERC) FUTURES (NY-5Z - CME) vs SOUTHERN STAR TX.-OKLA.-KAN. BASIS SWAP (PLATTS IFERC) FUTURES (NY-8Z - CME)						
Spread Credit Rate	Decrease	+1:-1	25%	25%	20%	20%
DEMARC BASIS SWAP (PLATTS IFERC) FUTURES (NY-PE - CME) vs ONEOK, OKLAHOMA BASIS SWAP (PLATTS IFERC) FUTURES (NY-8X - CME)						
Spread Credit Rate	Increase	+1:-1	30%	30%	60%	60%
DOMINION BASIS SWAP (PLATTS IFERC) (NYM-PG - CME) vs TEXAS EASTERN ZONE M-3 BASIS SWAP (PLATTS IFERC) (NYM-NX - CME)						
Spread Credit Rate	Increase	+1:-1	25%	25%	45%	45%
EL PASO NATURAL GAS CO. PERMIAN BASIN BASIS SWAP (NYM-PM - CME) vs NORTHWEST PIPELINE, ROCKIES BASIS SWAP (PLATTS IFE (NYM-NR						
Spread Credit Rate	Decrease	+1:-1	55%	55%	0%	0%
EL PASO NATURAL GAS CO. PERMIAN BASIN BASIS SWAP (NYM-PM - CME) vs SUMAS BASIS SWAP (PLATTS IFERC) (NYM-NK - CME)						
Spread Credit Rate	Decrease	+1:-1	60%	60%	30%	30%
FLORIDA ZONE 2 BASIS SWAP (PLATTS IFERC) FUTURES (NY-8A - CME) vs TRANSCO ZONE 2 BASIS SWAP (PLATTS IFERC) FUTURES (NY-8F - CME)						
Spread Credit Rate	Decrease	+1:-1	35%	35%	30%	30%
HENRY HUB BASIS SWAP (PLATTS IFERC) FUTURES (NY-HB - CME) vs FLORIDA ZONE 2 BASIS SWAP (PLATTS IFERC) FUTURES (NY-8A - CME)						
Spread Credit Rate	Decrease	+1:-1	90%	90%	60%	60%
HENRY HUB NATURAL GAS FUTURES (NY-NG - CME) vs HENRY HUB NATURAL GAS SWING (PLATTS GAS DAILY) FUTURES (NY-SN - CME)						
Spread Credit Rate	New	+1:-4			30%	30%
HENRY HUB NATURAL GAS FUTURES (NY-NG - CME) vs HOUSTON SHIP CHANNEL NATURAL GAS SWING (PLATTS GAS DAILY) FUTURES (NY-SM - CME)						
Spread Credit Rate	New	+1:-4			30%	30%
HENRY HUB NATURAL GAS SWAP FUTURES (NY-NN - CME) vs ALGONQUIN CITY-GATES NATURAL GAS BASIS SWAP (PLATTS IFERC) FUTURES (NY-B4 - CME)						
Spread Credit Rate	Decrease	+1:-1	40%	40%	30%	30%
HOUSTON SHIP CHANNEL BASIS SWAP (PLATTS IFERC) FUTURES (NY-NH - CME) vs SUMAS BASIS SWAP (PLATTS IFERC) FUTURES (NY-NK - CME)						
Spread Credit Rate	Decrease	+1:-1	50%	50%	20%	20%
KERN RIVER BASIS SWAP (PLATTS IFERC) FUTURES (NY-NV - CME) vs MALIN BASIS SWAP (PLATTS IFERC) FUTURES (NY-PB - CME)						
Spread Credit Rate	Decrease	+1:-1	50%	50%	0%	0%
KERN RIVER BASIS SWAP (PLATTS IFERC) FUTURES (NY-NV - CME) vs TEXAS EASTERN, WLA BASIS SWAP (PLATTS IFERC) FUTURES (NY-8B - CME)						
Spread Credit Rate	Decrease	+1:-1	25%	25%	0%	0%

SPAN MINIMUM PERFORMANCE BOND REQUIREMENTS

Rate Type	Change	Ratio	Current Initial	Current Maintenance	New Initial	New Maintenance
Inter-commodity Spread Rates						
KERN RIVER BASIS SWAP (PLATTS IFERC) FUTURES (NY-NV - CME) vs TRANSCO ZONE 1 BASIS SWAP (PLATTS IFERC) FUTURES (NY-8E - CME)						
Spread Credit Rate	Decrease	+1:-1	20%	20%	0%	0%
KERN RIVER BASIS SWAP (PLATTS IFERC) FUTURES (NY-NV - CME) vs TRANSCO ZONE 2 BASIS SWAP (PLATTS IFERC) FUTURES (NY-8F - CME)						
Spread Credit Rate	Decrease	+1:-1	20%	20%	0%	0%
KERN RIVER, WYOMING BASIS SWAP (PLATTS IFERC) (NYM-NV - CME) vs CIG ROCKY MOUNTAIN BASIS SWAP (PLATTS IFERC) (NYM-CI - CME)						
Spread Credit Rate	Decrease	+1:-1	30%	30%	0%	0%
MALIN BASIS SWAP (NGI) (NYM-PB - CME) vs NORTHWEST PIPELINE, ROCKIES BASIS SWAP (PLATTS IFE (NYM-NR - CME)						
Spread Credit Rate	Decrease	+1:-1	45%	45%	0%	0%
MALIN BASIS SWAP (NGI) (NYM-PB - CME) vs SAN JUAN BASIS SWAP (PLATTS IFERC) (NYM-NJ - CME)						
Spread Credit Rate	Increase	+1:-1	0%	0%	50%	50%
MALIN BASIS SWAP (NGI) (NYM-PB - CME) vs SUMAS BASIS SWAP (PLATTS IFERC) (NYM-NK - CME)						
Spread Credit Rate	Decrease	+1:-1	60%	60%	45%	45%
MALIN BASIS SWAP (NGI) (NYM-PB - CME) vs WAHA BASIS SWAP (PLATTS IFERC) (NYM-NW - CME)						
Spread Credit Rate	Increase	+1:-1	45%	45%	55%	55%
MALIN BASIS SWAP (PLATTS IFERC) FUTURES (NY-PB - CME) vs ONEOK, OKLAHOMA BASIS SWAP (PLATTS IFERC) FUTURES (NY-8X - CME)						
Spread Credit Rate	New	+1:-1			50%	50%
MALIN BASIS SWAP (PLATTS IFERC) FUTURES (NY-PB - CME) vs SOCAL CITY-GATE BASIS SWAP (PLATTS IFERC) FUTURES (NY-9A - CME)						
Spread Credit Rate	New	+1:-1			50%	50%
MICHCON BASIS SWAP (PLATTS IFERC) FUTURES (NY-NF - CME) vs ONEOK, OKLAHOMA BASIS SWAP (PLATTS IFERC) FUTURES (NY-8X - CME)						
Spread Credit Rate	Decrease	+1:-1	30%	30%	25%	25%
NATURAL GAS PIPELINE CO. OF AMERICA (NGPL) MID-CON (NYM-NL - CME) vs ANR OK BASIS SWAP (PLATTS IFERC) (NYM-NE - CME)						
Spread Credit Rate	Decrease	+1:-1	45%	45%	30%	30%
NGPL MID-CON BASIS SWAP (PLATTS IFERC) FUTURES (NY-NL - CME) vs MALIN BASIS SWAP (PLATTS IFERC) FUTURES (NY-PB - CME)						
Spread Credit Rate	Increase	+1:-1	45%	45%	55%	55%
NGPL MID-CON BASIS SWAP (PLATTS IFERC) FUTURES (NY-NL - CME) vs ONEOK, OKLAHOMA BASIS SWAP (PLATTS IFERC) FUTURES (NY-8X - CME)						
Spread Credit Rate	Increase	+1:-1	50%	50%	60%	60%
NGPL MID-CON BASIS SWAP (PLATTS IFERC) FUTURES (NY-NL - CME) vs ROCKIES BASIS SWAP (PLATTS IFERC) FUTURES (NY-NR - CME)						
Spread Credit Rate	Decrease	+1:-1	45%	45%	0%	0%

SPAN MINIMUM PERFORMANCE BOND REQUIREMENTS

Rate Type	Change	Ratio	Current Initial	Current Maintenance	New Initial	New Maintenance
Inter-commodity Spread Rates						
NGPL MID-CON BASIS SWAP (PLATTS IFERC) FUTURES (NY-NL - CME) vs SOCAL BASIS SWAP (PLATTS IFERC) FUTURES (NY-NS - CME)						
Spread Credit Rate	Increase	+1:-1	50%	50%	60%	60%
NGPL MID-CON BASIS SWAP (PLATTS IFERC) FUTURES (NY-NL - CME) vs SOUTHERN STAR TX.-OKLA.-KAN. BASIS SWAP (PLATTS IFERC) FUTURES (NY-8Z - CME)						
Spread Credit Rate	Decrease	+1:-1	25%	25%	20%	20%
NGPL STX NATURAL GAS BASIS SWAP (PLATTS IFERC) FUTURES (NY-T5 - CME) vs TEXAS GAS ZONE 1 BASIS SWAP (PLATTS IFERC) FUTURES (NY-9F - CME)						
Spread Credit Rate	Decrease	+1:-1	70%	70%	40%	40%
NGPL STX NATURAL GAS BASIS SWAP (PLATTS IFERC) FUTURES (NY-T5 - CME) vs TRANSCO ZONE 1 BASIS SWAP (PLATTS IFERC) FUTURES (NY-8E - CME)						
Spread Credit Rate	Decrease	+1:-1	70%	70%	35%	35%
NGPL TEXOK BASIS SWAP (PLATTS IFERC) FUTURES (NY-PD - CME) vs ONEOK, OKLAHOMA BASIS SWAP (PLATTS IFERC) FUTURES (NY-8X - CME)						
Spread Credit Rate	Increase	+1:-1	30%	30%	40%	40%
NORTHERN NATURAL GAS DEMARCATION BASIS SWAP (PLATT (NYM-PE - CME) vs NATURAL GAS PIPELINE CO. OF AMERICA (NGPL) MID-CON (NYM-NL)						
Spread Credit Rate	Increase	+1:-1	25%	25%	50%	50%
NORTHWEST PIPELINE, ROCKIES BASIS SWAP (PLATTS IFE (NYM-NR - CME) vs KERN RIVER, WYOMING BASIS SWAP (PLATTS IFERC) (NYM-NV - CME)						
Spread Credit Rate	Increase	+1:-1	30%	30%	60%	60%
PACIFIC GAS & ELECTRIC (PG&E) CITYGATE BASIS SWAP (NYM-PC - CME) vs MALIN BASIS SWAP (NGI) (NYM-PB - CME)						
Spread Credit Rate	Increase	+1:-1	0%	0%	40%	40%
PACIFIC GAS & ELECTRIC (PG&E) CITYGATE BASIS SWAP (NYM-PC - CME) vs NORTHWEST PIPELINE, ROCKIES BASIS SWAP (PLATTS IFE (NYM-NR -						
Spread Credit Rate	Decrease	+1:-1	50%	50%	0%	0%
PANHANDLE BASIS SWAP (PLATTS IFERC) (NYM-PH - CME) vs ANR OK BASIS SWAP (PLATTS IFERC) (NYM-NE - CME)						
Spread Credit Rate	Decrease	+1:-1	45%	45%	35%	35%
PANHANDLE BASIS SWAP (PLATTS IFERC) (NYM-PH - CME) vs CENTERPOINT BASIS (PLATTS IFERC) SWAP (NYM-PW - CME)						
Spread Credit Rate	Increase	+1:-1	35%	35%	45%	45%
PANHANDLE BASIS SWAP (PLATTS IFERC) (NYM-PH - CME) vs CHICAGO BASIS SWAP (NGI) (NYM-NB - CME)						
Spread Credit Rate	Increase	+1:-1	0%	0%	40%	40%
PANHANDLE BASIS SWAP (PLATTS IFERC) (NYM-PH - CME) vs CIG ROCKY MOUNTAIN BASIS SWAP (PLATTS IFERC) (NYM-CI - CME)						
Spread Credit Rate	Increase	+1:-1	30%	30%	40%	40%
PANHANDLE BASIS SWAP (PLATTS IFERC) (NYM-PH - CME) vs MALIN BASIS SWAP (NGI) (NYM-PB - CME)						
Spread Credit Rate	Increase	+1:-1	0%	0%	40%	40%

SPAN MINIMUM PERFORMANCE BOND REQUIREMENTS

Rate Type	Change	Ratio	Current Initial	Current Maintenance	New Initial	New Maintenance
Inter-commodity Spread Rates						
PANHANDLE BASIS SWAP (PLATTS IFERC) (NYM-PH - CME) vs NATURAL GAS PIPELINE CO. OF AMERICA (NGPL) TEXOK B (NYM-PD - CME)						
Spread Credit Rate	Increase	+1:-1	25%	25%	35%	35%
PANHANDLE BASIS SWAP (PLATTS IFERC) (NYM-PH - CME) vs NORTHERN NATURAL GAS DEMARCATION BASIS SWAP (PLATT (NYM-PE - CME)						
Spread Credit Rate	Increase	+1:-1	20%	20%	30%	30%
PANHANDLE BASIS SWAP (PLATTS IFERC) (NYM-PH - CME) vs NORTHWEST PIPELINE, ROCKIES BASIS SWAP (PLATTS IFE (NYM-NR - CME)						
Spread Credit Rate	Decrease	+1:-1	45%	45%	0%	0%
PANHANDLE BASIS SWAP (PLATTS IFERC) (NYM-PH - CME) vs ONEOK OKLAHOMA NG BASIS (NYM-8X - CME)						
Spread Credit Rate	Increase	+1:-1	60%	60%	77%	77%
PANHANDLE BASIS SWAP (PLATTS IFERC) (NYM-PH - CME) vs SAN JUAN BASIS SWAP (PLATTS IFERC) (NYM-NJ - CME)						
Spread Credit Rate	Increase	+1:-1	40%	40%	45%	45%
PANHANDLE BASIS SWAP (PLATTS IFERC) (NYM-PH - CME) vs SUMAS BASIS SWAP (PLATTS IFERC) (NYM-NK - CME)						
Spread Credit Rate	Decrease	+1:-1	60%	60%	30%	30%
PERMIAN BASIS SWAP (PLATTS IFERC) FUTURES (NY-PM - CME) vs CENTERPOINT NATURAL GAS BASIS SWAP (PLATTS IFERC) FUTURES (NY-PW - CME)						
Spread Credit Rate	Increase	+1:-1	45%	45%	55%	55%
PERMIAN BASIS SWAP (PLATTS IFERC) FUTURES (NY-PM - CME) vs SOCIAL CITY-GATE BASIS SWAP (PLATTS IFERC) FUTURES (NY-9A - CME)						
Spread Credit Rate	New	+1:-1			60%	60%
PG&E CITYGATE BASIS SWAP (PLATTS IFERC) FUTURES (NY-PC - CME) vs SOCIAL CITY-GATE BASIS SWAP (PLATTS IFERC) FUTURES (NY-9A - CME)						
Spread Credit Rate	Increase	+1:-1	25%	25%	45%	45%
ROCKIES BASIS SWAP (PLATTS IFERC) FUTURES (NY-NR - CME) vs CENTERPOINT NATURAL GAS BASIS SWAP (PLATTS IFERC) FUTURES (NY-PW - CME)						
Spread Credit Rate	Decrease	+1:-1	20%	20%	0%	0%
ROCKIES BASIS SWAP (PLATTS IFERC) FUTURES (NY-NR - CME) vs ONEOK, OKLAHOMA BASIS SWAP (PLATTS IFERC) FUTURES (NY-8X - CME)						
Spread Credit Rate	Decrease	+1:-1	45%	45%	0%	0%
ROCKIES BASIS SWAP (PLATTS IFERC) FUTURES (NY-NR - CME) vs VENTURA BASIS SWAP (PLATTS IFERC) FUTURES (NY-PF - CME)						
Spread Credit Rate	Decrease	+1:-1	25%	25%	0%	0%
SAN JUAN BASIS SWAP (PLATTS IFERC) (NYM-NJ - CME) vs NORTHWEST PIPELINE, ROCKIES BASIS SWAP (PLATTS IFE (NYM-NR - CME)						
Spread Credit Rate	Decrease	+1:-1	45%	45%	0%	0%

SPAN MINIMUM PERFORMANCE BOND REQUIREMENTS

Rate Type	Change	Ratio	Current Initial	Current Maintenance	New Initial	New Maintenance
Inter-commodity Spread Rates						
SAN JUAN BASIS SWAP (PLATTS IFERC) FUTURES (NY-NJ - CME) vs CENTERPOINT NATURAL GAS BASIS SWAP (PLATTS IFERC) FUTURES (NY-PW - CME)						
Spread Credit Rate	Decrease	+1:-1	50%	50%	40%	40%
SAN JUAN BASIS SWAP (PLATTS IFERC) FUTURES (NY-NJ - CME) vs NGPL TEXOK BASIS SWAP (PLATTS IFERC) FUTURES (NY-PD - CME)						
Spread Credit Rate	Decrease	+1:-1	40%	40%	30%	30%
SAN JUAN BASIS SWAP (PLATTS IFERC) FUTURES (NY-NJ - CME) vs SOCAL CITY-GATE BASIS SWAP (PLATTS IFERC) FUTURES (NY-9A - CME)						
Spread Credit Rate	Increase	+1:-1	50%	50%	60%	60%
SOCAL BASIS SWAP (NGI) (NYM-NS - CME) vs NORTHWEST PIPELINE, ROCKIES BASIS SWAP (PLATTS IFE (NYM-NR - CME)						
Spread Credit Rate	Decrease	+1:-1	50%	50%	0%	0%
SOCAL BASIS SWAP (PLATTS IFERC) FUTURES (NY-NS - CME) vs MALIN BASIS SWAP (PLATTS IFERC) FUTURES (NY-PB - CME)						
Spread Credit Rate	Increase	+1:-1	60%	60%	70%	70%
SOCAL BASIS SWAP (PLATTS IFERC) FUTURES (NY-NS - CME) vs SOCAL CITY-GATE BASIS SWAP (PLATTS IFERC) FUTURES (NY-9A - CME)						
Spread Credit Rate	Increase	+1:-1	70%	70%	85%	85%
SONAT BASIS SWAP (PLATTS IFERC) FUTURES (NY-SZ - CME) vs TENNESSEE 800 LEG BASIS SWAP (PLATTS IFERC) FUTURES (NY-6Z - CME)						
Spread Credit Rate	Decrease	+1:-1	50%	50%	20%	20%
SONAT BASIS SWAP (PLATTS IFERC) FUTURES (NY-SZ - CME) vs TETCO STX BASIS SWAP (PLATTS IFERC) FUTURES (NY-TX - CME)						
Spread Credit Rate	Decrease	+1:-1	20%	20%	0%	0%
SUMAS BASIS SWAP (PLATTS IFERC) (NYM-NK - CME) vs NORTHWEST PIPELINE, ROCKIES BASIS SWAP (PLATTS IFE (NYM-NR - CME)						
Spread Credit Rate	Decrease	+1:-1	50%	50%	0%	0%
SUMAS BASIS SWAP (PLATTS IFERC) (NYM-NK - CME) vs SAN JUAN BASIS SWAP (PLATTS IFERC) (NYM-NJ - CME)						
Spread Credit Rate	Decrease	+1:-1	60%	60%	35%	35%
SUMAS BASIS SWAP (PLATTS IFERC) FUTURES (NY-NK - CME) vs NGPL TEXOK BASIS SWAP (PLATTS IFERC) FUTURES (NY-PD - CME)						
Spread Credit Rate	Decrease	+1:-1	45%	45%	30%	30%
SUMAS BASIS SWAP (PLATTS IFERC) FUTURES (NY-NK - CME) vs PG&E CITYGATE BASIS SWAP (PLATTS IFERC) FUTURES (NY-PC - CME)						
Spread Credit Rate	Decrease	+1:-1	65%	65%	50%	50%
SUMAS BASIS SWAP (PLATTS IFERC) FUTURES (NY-NK - CME) vs SOCAL BASIS SWAP (PLATTS IFERC) FUTURES (NY-NS - CME)						
Spread Credit Rate	Decrease	+1:-1	65%	65%	40%	40%

SPAN MINIMUM PERFORMANCE BOND REQUIREMENTS

Rate Type	Change	Ratio	Current Initial	Current Maintenance	New Initial	New Maintenance
Inter-commodity Spread Rates						
TENNESSEE 500 LEG BASIS SWAP (PLATTS IFERC) FUTURES (NY-NM - CME) vs TENNESSEE ZONE 0 BASIS SWAP (PLATTS IFERC) FUTURES (NY-NQ - CME)						
Spread Credit Rate	New	+1:-1			50%	50%
TENNESSEE 500 LEG BASIS SWAP (PLATTS IFERC) FUTURES (NY-NM - CME) vs TETCO ELA BASIS SWAP (PLATTS IFERC) FUTURES (NY-TE - CME)						
Spread Credit Rate	Increase	+1:-1	10%	10%	50%	50%
TENNESSEE ZONE 0 BASIS SWAP (PLATTS IFERC) FUTURES (NY-NQ - CME) vs TETCO ELA BASIS SWAP (PLATTS IFERC) FUTURES (NY-TE - CME)						
Spread Credit Rate	Increase	+1:-1	35%	35%	45%	45%
TENNESSEE ZONE 0 BASIS SWAP (PLATTS IFERC) FUTURES (NY-NQ - CME) vs TETCO STX BASIS SWAP (PLATTS IFERC) FUTURES (NY-TX - CME)						
Spread Credit Rate	Decrease	+1:-1	65%	65%	50%	50%
TENNESSEE ZONE 0 BASIS SWAP (PLATTS IFERC) FUTURES (NY-NQ - CME) vs TEXAS GAS ZONE 1 BASIS SWAP (PLATTS IFERC) FUTURES (NY-9F - CME)						
Spread Credit Rate	Decrease	+1:-1	60%	60%	50%	50%
TENNESSEE ZONE 0 BASIS SWAP (PLATTS IFERC) FUTURES (NY-NQ - CME) vs TRANSCO ZONE 1 BASIS SWAP (PLATTS IFERC) FUTURES (NY-8E - CME)						
Spread Credit Rate	Decrease	+1:-1	60%	60%	50%	50%
TETCO ELA BASIS SWAP (PLATTS IFERC) FUTURES (NY-TE - CME) vs TEXAS GAS ZONE 1 BASIS SWAP (PLATTS IFERC) FUTURES (NY-9F - CME)						
Spread Credit Rate	Decrease	+1:-1	60%	60%	40%	40%
TETCO ELA BASIS SWAP (PLATTS IFERC) FUTURES (NY-TE - CME) vs TRANSCO ZONE 1 BASIS SWAP (PLATTS IFERC) FUTURES (NY-8E - CME)						
Spread Credit Rate	Decrease	+1:-1	60%	60%	40%	40%
TETCO SOUTH TEXAS BASIS SWAP (PLATTS IFERC) (NYM-TX - CME) vs HOUSTON SHIP CHANNEL BASIS SWAP (PLATTS IFERC) (NYM-NH - CME)						
Spread Credit Rate	Decrease	+1:-1	35%	35%	25%	25%
TETCO STX BASIS SWAP (PLATTS IFERC) FUTURES (NY-TX - CME) vs NGPL STX NATURAL GAS BASIS SWAP (PLATTS IFERC) FUTURES (NY-T5 - CME)						
Spread Credit Rate	Decrease	+1:-1	60%	60%	40%	40%
TETCO STX BASIS SWAP (PLATTS IFERC) FUTURES (NY-TX - CME) vs TEXAS GAS ZONE 1 BASIS SWAP (PLATTS IFERC) FUTURES (NY-9F - CME)						
Spread Credit Rate	Decrease	+1:-1	40%	40%	30%	30%
TETCO STX BASIS SWAP (PLATTS IFERC) FUTURES (NY-TX - CME) vs TRANSCO ZONE 1 BASIS SWAP (PLATTS IFERC) FUTURES (NY-8E - CME)						
Spread Credit Rate	Decrease	+1:-1	35%	35%	25%	25%
TEXAS EASTERN ZONE M-3 BASIS SWAP (PLATTS IFERC) FUTURES (NY-NX - CME) vs TRANSCO ZONE 6 BASIS SWAP (PLATTS IFERC) FUTURES (NY-NZ - CME)						
Spread Credit Rate	Increase	+1:-1	40%	40%	50%	50%

SPAN MINIMUM PERFORMANCE BOND REQUIREMENTS

Rate Type	Change	Ratio	Current Initial	Current Maintenance	New Initial	New Maintenance
Inter-commodity Spread Rates						
TEXAS EASTERN ZONE M-3 BASIS SWAP (PLATTS IFERC) FUTURES (NY-NX - CME) vs VENTURA BASIS SWAP (PLATTS IFERC) FUTURES (NY-PF - CME)						
Spread Credit Rate	Decrease	+1:-1	35%	35%	25%	25%
TEXAS EASTERN, WLA BASIS SWAP (PLATTS IFERC) FUTURES (NY-8B - CME) vs TRANSCO ZONE 1 BASIS SWAP (PLATTS IFERC) FUTURES (NY-8E - CME)						
Spread Credit Rate	Decrease	+1:-1	65%	65%	50%	50%
TEXAS EASTERN, WLA BASIS SWAP (PLATTS IFERC) FUTURES (NY-8B - CME) vs TRANSCO ZONE 2 BASIS SWAP (PLATTS IFERC) FUTURES (NY-8F - CME)						
Spread Credit Rate	Increase	+1:-1	40%	40%	70%	70%
TEXAS GAS ZONE 1 BASIS SWAP (PLATTS IFERC) FUTURES (NY-9F - CME) vs FLORIDA ZONE 2 BASIS SWAP (PLATTS IFERC) FUTURES (NY-8A - CME)						
Spread Credit Rate	Decrease	+1:-1	45%	45%	0%	0%
TEXAS GAS ZONE 1 BASIS SWAP (PLATTS IFERC) FUTURES (NY-9F - CME) vs TRANSCO ZONE 1 BASIS SWAP (PLATTS IFERC) FUTURES (NY-8E - CME)						
Spread Credit Rate	Increase	+1:-1	90%	90%	95%	95%
TRANSCO ZONE 1 BASIS SWAP (PLATTS IFERC) FUTURES (NY-8E - CME) vs FLORIDA ZONE 2 BASIS SWAP (PLATTS IFERC) FUTURES (NY-8A - CME)						
Spread Credit Rate	Decrease	+1:-1	35%	35%	0%	0%
TRANSCO ZONE 3 BASIS SWAP (PLATTS IFERC) FUTURES (NY-CZ - CME) vs TEXAS EASTERN ZONE M-3 BASIS SWAP (PLATTS IFERC) FUTURES (NY-NX - CME)						
Spread Credit Rate	Decrease	+1:-1	45%	45%	30%	30%
TRANSCO ZONE 3 BASIS SWAP (PLATTS IFERC) FUTURES (NY-CZ - CME) vs TRANSCO ZONE 6 NATURAL GAS (PLATTS IFERC) FIXED PRICE FUTURES (NY-XZ - CME)						
Spread Credit Rate	Decrease	+1:-1	45%	45%	0%	0%
TRUNKLINE, LOUISIANA BASIS SWAP (PLATTS IFERC) FUTURES (NY-NU - CME) vs FLORIDA ZONE 2 BASIS SWAP (PLATTS IFERC) FUTURES (NY-8A - CME)						
Spread Credit Rate	Decrease	+1:-1	45%	45%	30%	30%
TRUNKLINE, LOUISIANA BASIS SWAP (PLATTS IFERC) FUTURES (NY-NU - CME) vs NGPL STX NATURAL GAS BASIS SWAP (PLATTS IFERC) FUTURES (NY-T5 - CME)						
Spread Credit Rate	Increase	+1:-1	40%	40%	50%	50%
TRUNKLINE, LOUISIANA BASIS SWAP (PLATTS IFERC) FUTURES (NY-NU - CME) vs TEXAS GAS ZONE 1 BASIS SWAP (PLATTS IFERC) FUTURES (NY-9F - CME)						
Spread Credit Rate	Decrease	+1:-1	60%	60%	50%	50%
TRUNKLINE, LOUISIANA BASIS SWAP (PLATTS IFERC) FUTURES (NY-NU - CME) vs TRANSCO ZONE 1 BASIS SWAP (PLATTS IFERC) FUTURES (NY-8E - CME)						
Spread Credit Rate	Decrease	+1:-1	60%	60%	50%	50%
VENTURA BASIS SWAP (PLATTS IFERC) (NYM-PF - CME) vs NORTHERN NATURAL GAS DEMARCATION BASIS SWAP (PLATT (NYM-PE - CME)						
Spread Credit Rate	Increase	+1:-1	30%	30%	45%	45%

SPAN MINIMUM PERFORMANCE BOND REQUIREMENTS

Rate Type	Change	Ratio	Current Initial	Current Maintenance	New Initial	New Maintenance
Inter-commodity Spread Rates						
VENTURA BASIS SWAP (PLATTS IFERC) FUTURES (NY-PF - CME) vs ONEOK, OKLAHOMA BASIS SWAP (PLATTS IFERC) FUTURES (NY-8X - CME)						
Spread Credit Rate	Increase	+1:-1	40%	40%	50%	50%
WAHA BASIS SWAP (PLATTS IFERC) (NYM-NW - CME) vs EL PASO NATURAL GAS CO. PERMIAN BASIN BASIS SWAP (NYM-PM - CME)						
Spread Credit Rate	Decrease	+1:-1	80%	80%	70%	70%
WAHA BASIS SWAP (PLATTS IFERC) (NYM-NW - CME) vs NORTHWEST PIPELINE, ROCKIES BASIS SWAP (PLATTS IFE (NYM-NR - CME)						
Spread Credit Rate	Decrease	+1:-1	50%	50%	0%	0%
WAHA BASIS SWAP (PLATTS IFERC) (NYM-NW - CME) vs SUMAS BASIS SWAP (PLATTS IFERC) (NYM-NK - CME)						
Spread Credit Rate	Decrease	+1:-1	60%	60%	30%	30%
WAHA BASIS SWAP (PLATTS IFERC) FUTURES (NY-NW - CME) vs SOCAL CITY-GATE BASIS SWAP (PLATTS IFERC) FUTURES (NY-9A - CME)						
Spread Credit Rate	Increase	+1:-1	50%	50%	60%	60%

SPAN MINIMUM PERFORMANCE BOND REQUIREMENTS

Rate Type	<u>Tier Description</u>	Change	Current Initial	Current Maintenance	New Initial	New Maintenance
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SPAN MINIMUM PERFORMANCE BOND REQUIREMENTS

Rate Type	<u>Tier Description</u>	Change	Current Initial	Current Maintenance	New Initial	New Maintenance
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