



15-076

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

FROM: CME Clearing

SUBJECT: Performance Bond Requirements

DATE: Thursday, March 12, 2015

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, March 13, 2015.

Current rates as of:

Thursday, March 12, 2015.

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								
ELECTRICITY - Outright Rates								
NEPOOL RHD ISLD 5MW D AH PK (U4)								
U4	Spec	Mnths 6-11	Increase	USD	440	400	550	500
U4	Hedge/Member	Mnths 6-11	Increase	USD	400	400	500	500
INTEREST RATES - Outright Rates								
30 DAY FED FUND FUTURES (41)								
41	Spec	Month 1	Increase	USD	220	200	253	230
41	Hedge/Member	Month 1	Increase	USD	200	200	230	230
41	Spec	Months 2-4	Increase	USD	248	225	281	255
41	Hedge/Member	Months 2-4	Increase	USD	225	225	255	255
30 YR U.S. TREASURY BOND FUTURES (17)								
17	Spec	Month 1	Increase	USD	2,090	1,900	2,420	2,200
17	Hedge/Member	Month 1	Increase	USD	1,900	1,900	2,200	2,200
17	Spec	Month 2+	Increase	USD	3,080	2,800	3,410	3,100
17	Hedge/Member	Month 2+	Increase	USD	2,800	2,800	3,100	3,100
EURODOLLAR FUTURES (ED)								
ED	Spec	Tier 01 [contr 01-contr 03]	Increase	USD	231	210	253	230
ED	Hedge/Member	Tier 01 [contr 01-contr 03]	Increase	USD	210	210	230	230
ONE MONTH EURODOLLAR FUTURES (EM)								
EM	Spec	Mnth 1-4	Increase	USD	193	175	231	210
EM	Hedge/Member	Mnth 1-4	Increase	USD	175	175	210	210
EM	Spec	Mnth 5+	Increase	USD	275	250	330	300
EM	Hedge/Member	Mnth 5+	Increase	USD	250	250	300	300

SPAN MINIMUM PERFORMANCE BOND REQUIREMENTS

CC	Rate Type	Description	Change	ISO	Current Initial	Current Maintenance	New Initial	New Maintenance
Outright Rates								
NATURAL GAS - Outright Rates								
ALGONQUIN CITYGATES BASIS (B4)								
B4	Spec	Mnth 1	Decrease	USD	9,350	8,500	6,600	6,000
B4	Hedge/Member	Mnth 1	Decrease	USD	8,500	8,500	6,000	6,000
B4	Spec	Mnth 2	Decrease	USD	7,700	7,000	4,400	4,000
B4	Hedge/Member	Mnth 2	Decrease	USD	7,000	7,000	4,000	4,000
ALGONQUIN CITY-GATES NAT SWING FUT (C8)								
C8	Spec		Decrease	USD	67,100	61,000	49,500	45,000
C8	Hedge/Member		Decrease	USD	61,000	61,000	45,000	45,000
ANR LOUISIANA BASIS FUT (ND)								
ND	Spec	Mths 2 - 5	Decrease	USD	182	165	165	150
ND	Hedge/Member	Mths 2 - 5	Decrease	USD	165	165	150	150
ND	Spec	Mths 6+	Decrease	USD	165	150	149	135
ND	Hedge/Member	Mths 6+	Decrease	USD	150	150	135	135
ANR OKLAHOMA (NE)								
NE	Spec	Mnth 1	Decrease	USD	402	365	330	300
NE	Hedge/Member	Mnth 1	Decrease	USD	365	365	300	300
NE	Spec	Mnth 2	Decrease	USD	264	240	215	195
NE	Hedge/Member	Mnth 2	Decrease	USD	240	240	195	195
NE	Spec	Mnths 3-7	Decrease	USD	193	175	171	155
NE	Hedge/Member	Mnths 3-7	Decrease	USD	175	175	155	155
NE	Spec	Mnths 15+	Decrease	USD	275	250	248	225
NE	Hedge/Member	Mnths 15+	Decrease	USD	250	250	225	225
ANR, LA NAT GAS SWING FUT (K6)								
K6	Spec		Decrease	USD	3,300	3,000	2,200	2,000
K6	Hedge/Member		Decrease	USD	3,000	3,000	2,000	2,000
ANR, OKLA. INDEX (IQ)								
IQ	Spec	Mnths 1-2	Decrease	USD	3,080	2,800	2,860	2,600
IQ	Hedge/Member	Mnths 1-2	Decrease	USD	2,800	2,800	2,600	2,600
ANR, OKLA. SWING FUT (SQ)								
SQ	Spec		Decrease	USD	3,960	3,600	2,860	2,600
SQ	Hedge/Member		Decrease	USD	3,600	3,600	2,600	2,600
ANR,LA NAT GAS INDEX FUT (M6)								
M6	Spec	Mnth 1-2	Increase	USD	1,650	1,500	2,200	2,000
M6	Hedge/Member	Mnth 1-2	Increase	USD	1,500	1,500	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								
CHICAGO INDEX FUT (IS)								
IS	Spec	Mnths 1-2	Increase	USD	5,280	4,800	5,500	5,000
IS	Hedge/Member	Mnths 1-2	Increase	USD	4,800	4,800	5,000	5,000
CHICAGO SWING FUTURE (SS)								
SS	Spec		Increase	USD	3,960	3,600	5,500	5,000
SS	Hedge/Member		Increase	USD	3,600	3,600	5,000	5,000
CIG BASIS (CI)								
CI	Spec	Mnth 1	Decrease	USD	825	750	550	500
CI	Hedge/Member	Mnth 1	Decrease	USD	750	750	500	500
CI	Spec	Mnths 2-6	Decrease	USD	231	210	165	150
CI	Hedge/Member	Mnths 2-6	Decrease	USD	210	210	150	150
CI	Spec	Mnths 7-12	Decrease	USD	143	130	127	115
CI	Hedge/Member	Mnths 7-12	Decrease	USD	130	130	115	115
CI	Spec	Mnths 13+	Decrease	USD	248	225	165	150
CI	Hedge/Member	Mnths 13+	Decrease	USD	225	225	150	150
CIG ROCKIES NG INDEX FUT (Z8)								
Z8	Spec	Mnths 1-2	Increase	USD	1,650	1,500	3,300	3,000
Z8	Hedge/Member	Mnths 1-2	Increase	USD	1,500	1,500	3,000	3,000
COLUMB GULF MAINLINE NG BASIS (5Z)								
5Z	Spec	Mnths 13-24	Decrease	USD	33	30	28	25
5Z	Hedge/Member	Mnths 13-24	Decrease	USD	30	30	25	25
5Z	Spec	Mnths 25+	Decrease	USD	55	50	33	30
5Z	Hedge/Member	Mnths 25+	Decrease	USD	50	50	30	30
COLUMBIA GULF NAT GAS INDEX FUT (S9)								
S9	Spec	Mnth 1-2	Increase	USD	1,650	1,500	2,200	2,000
S9	Hedge/Member	Mnth 1-2	Increase	USD	1,500	1,500	2,000	2,000
COLUMBIA GULF LA NAT GAS SWING FUT (J6)								
J6	Spec	All Months	Decrease	USD	3,300	3,000	2,200	2,000
J6	Hedge/Member	All Months	Decrease	USD	3,000	3,000	2,000	2,000
COLUMBIA GULF MAIN NAT G INDEX FUT (L2)								
L2	Spec	Mnth 1-2	Increase	USD	1,650	1,500	2,200	2,000
L2	Hedge/Member	Mnth 1-2	Increase	USD	1,500	1,500	2,000	2,000
COLUMBIA GULF NAT GAS SWING FUT (X2)								
X2	Spec		Decrease	USD	3,960	3,600	2,200	2,000
X2	Hedge/Member		Decrease	USD	3,600	3,600	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								
COLUMBIA GULF ONSHORE BASIS FUT (GL)								
GL	Spec	Mnths 8-19	Decrease	USD	99	90	83	75
GL	Hedge/Member	Mnths 8-19	Decrease	USD	90	90	75	75
GL	Spec	Mnths 19+	Decrease	USD	77	70	72	65
GL	Hedge/Member	Mnths 19+	Decrease	USD	70	70	65	65
DEMARC INDEX FUTURE (DI)								
DI	Spec	Mnths 1-2	Increase	USD	1,584	1,440	4,400	4,000
DI	Hedge/Member	Mnths 1-2	Increase	USD	1,440	1,440	4,000	4,000
DEMARC SWING FUT (DT)								
DT	Spec		Increase	USD	3,960	3,600	5,170	4,700
DT	Hedge/Member		Increase	USD	3,600	3,600	4,700	4,700
DOMINION BASIS FUT (PLATTS IFERC) (PG)								
PG	Spec	Mnth 1	Decrease	USD	704	640	550	500
PG	Hedge/Member	Mnth 1	Decrease	USD	640	640	500	500
PG	Spec	Mnth 2	Decrease	USD	688	625	539	490
PG	Hedge/Member	Mnth 2	Decrease	USD	625	625	490	490
PG	Spec	Mnths 3-8	Decrease	USD	572	520	506	460
PG	Hedge/Member	Mnths 3-8	Decrease	USD	520	520	460	460
PG	Spec	Mnths 9-20	Decrease	USD	545	495	435	395
PG	Hedge/Member	Mnths 9-20	Decrease	USD	495	495	395	395
PG	Spec	Mnths 21+	Decrease	USD	462	420	413	375
PG	Hedge/Member	Mnths 21+	Decrease	USD	420	420	375	375
DOMINION TRAN INC - APP INDEX (IH)								
IH	Spec	Mnths 1-2	Increase	USD	2,200	2,000	4,400	4,000
IH	Hedge/Member	Mnths 1-2	Increase	USD	2,000	2,000	4,000	4,000
ENABLE NAT GAS BASIS FUT (PW)								
PW	Spec	Mnth 1	Decrease	USD	193	175	176	160
PW	Hedge/Member	Mnth 1	Decrease	USD	175	175	160	160
PW	Spec	Mnths 2-2	Decrease	USD	165	150	149	135
PW	Hedge/Member	Mnths 2-2	Decrease	USD	150	150	135	135
PW	Spec	Mnths 3-6	Decrease	USD	165	150	149	135
PW	Hedge/Member	Mnths 3-6	Decrease	USD	150	150	135	135
PW	Spec	Mnths 7-19	Decrease	USD	220	200	176	160
PW	Hedge/Member	Mnths 7-19	Decrease	USD	200	200	160	160
PW	Spec	Mnths 20+	Decrease	USD	220	200	176	160
PW	Hedge/Member	Mnths 20+	Decrease	USD	200	200	160	160

SPAN MINIMUM PERFORMANCE BOND REQUIREMENTS

CC	Rate Type	Description	Change	ISO	Current Initial	Current Maintenance	New Initial	New Maintenance
Outright Rates								
ENABLE NAT GAS INDEX (II)								
II	Spec	Mnth 1-2	Decrease	USD	2,640	2,400	2,200	2,000
II	Hedge/Member	Mnth 1-2	Decrease	USD	2,400	2,400	2,000	2,000
ENABLE NAT GAS SWING FUT (VX)								
VX	Spec	All Months	Decrease	USD	3,960	3,600	2,200	2,000
VX	Hedge/Member	All Months	Decrease	USD	3,600	3,600	2,000	2,000
FL GAS ZONE 3 NAT GAS INDEX FUT (Q9)								
Q9	Spec	Mnth 1-2	Increase	USD	1,650	1,500	2,200	2,000
Q9	Hedge/Member	Mnth 1-2	Increase	USD	1,500	1,500	2,000	2,000
FL GAS ZONE 3 NAT GASSWING FUT (J8)								
J8	Spec	All Months	Decrease	USD	3,300	3,000	2,200	2,000
J8	Hedge/Member	All Months	Decrease	USD	3,000	3,000	2,000	2,000
FLORIDA GAS ZONE 2 NAT GA SWING (X5)								
X5	Spec		Decrease	USD	5,280	4,800	2,200	2,000
X5	Hedge/Member		Decrease	USD	4,800	4,800	2,000	2,000
FLORIDA GAS ZONE3 BASIS FUT (FP)								
FP	Spec	Mnth 1	Decrease	USD	160	145	143	130
FP	Hedge/Member	Mnth 1	Decrease	USD	145	145	130	130
FP	Spec	Mnth 2	Decrease	USD	116	105	94	85
FP	Hedge/Member	Mnth 2	Decrease	USD	105	105	85	85
FP	Spec	Mnths 3-6	Decrease	USD	110	100	88	80
FP	Hedge/Member	Mnths 3-6	Decrease	USD	100	100	80	80
FP	Spec	Mnths 7-12	Decrease	USD	105	95	94	85
FP	Hedge/Member	Mnths 7-12	Decrease	USD	95	95	85	85
FP	Spec	Mnths 13+	Decrease	USD	110	100	94	85
FP	Hedge/Member	Mnths 13+	Decrease	USD	100	100	85	85
FLORIDA ZONE 2 NAT GAS INDEX FUT (C3)								
C3	Spec	Mnths 1-2	Increase	USD	1,320	1,200	2,200	2,000
C3	Hedge/Member	Mnths 1-2	Increase	USD	1,200	1,200	2,000	2,000
HENRY HUB BASIS FUT (HB)								
HB	Spec	Mnth 1	Decrease	USD	22	20	17	15
HB	Hedge/Member	Mnth 1	Decrease	USD	20	20	15	15
HB	Spec	Mnth 2	Decrease	USD	22	20	14	13
HB	Hedge/Member	Mnth 2	Decrease	USD	20	20	13	13
HB	Spec	Mnths 3-7	Decrease	USD	17	15	13	12
HB	Hedge/Member	Mnths 3-7	Decrease	USD	15	15	12	12

SPAN MINIMUM PERFORMANCE BOND REQUIREMENTS

CC	Rate Type	Description	Change	ISO	Current Initial	Current Maintenance	New Initial	New Maintenance
Outright Rates								
HENRY HUB INDEX FUT (IN)								
IN	Spec	Mnth 1-2	Decrease	USD	2,002	1,820	1,650	1,500
IN	Hedge/Member	Mnth 1-2	Decrease	USD	1,820	1,820	1,500	1,500
HENRY HUB SWING FUTURE (SN)								
SN	Spec	All Months	Decrease	USD	2,640	2,400	1,650	1,500
SN	Hedge/Member	All Months	Decrease	USD	2,400	2,400	1,500	1,500
HOUSTON SHIP CHANNEL BASIS FUT (NH)								
NH	Spec	Mnth 1	Decrease	USD	248	225	165	150
NH	Hedge/Member	Mnth 1	Decrease	USD	225	225	150	150
NH	Spec	Mnth 2	Decrease	USD	138	125	110	100
NH	Hedge/Member	Mnth 2	Decrease	USD	125	125	100	100
NH	Spec	Mnths 3-6	Decrease	USD	121	110	99	90
NH	Hedge/Member	Mnths 3-6	Decrease	USD	110	110	90	90
NH	Spec	Mnths 13+	Decrease	USD	171	155	110	100
NH	Hedge/Member	Mnths 13+	Decrease	USD	155	155	100	100
HOUSTON SHIP CHANNEL INDEX FUT (IP)								
IP	Spec	Mnth 1-2	Increase	USD	1,716	1,560	2,200	2,000
IP	Hedge/Member	Mnth 1-2	Increase	USD	1,560	1,560	2,000	2,000
HOUSTON SHIP CHANNEL SWING (SM)								
SM	Spec	All Months	Decrease	USD	3,960	3,600	2,200	2,000
SM	Hedge/Member	All Months	Decrease	USD	3,600	3,600	2,000	2,000
KERN RIVER OPAL PLANT SWING FUT (SR)								
SR	Spec		Decrease	USD	3,960	3,600	3,300	3,000
SR	Hedge/Member		Decrease	USD	3,600	3,600	3,000	3,000
KERN RIVER WY BASIS FUT (NV)								
NV	Spec	Mnth 1	Increase	USD	440	400	550	500
NV	Hedge/Member	Mnth 1	Increase	USD	400	400	500	500
NV	Spec	Mnth 2	Increase	USD	330	300	413	375
NV	Hedge/Member	Mnth 2	Increase	USD	300	300	375	375
NV	Spec	Mnths 3 - 6	Increase	USD	319	290	402	365
NV	Hedge/Member	Mnths 3 - 6	Increase	USD	290	290	365	365
MAIN NAT GAS INDEX FUT (V8)								
V8	Spec	Mnth 1-2	Increase	USD	1,650	1,500	2,200	2,000
V8	Hedge/Member	Mnth 1-2	Increase	USD	1,500	1,500	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								
MALIN (PB)								
PB	Spec	Mths 1	Increase	USD	770	700	924	840
PB	Hedge/Member	Mths 1	Increase	USD	700	700	840	840
PB	Spec	Mths 2-3	Increase	USD	363	330	440	400
PB	Hedge/Member	Mths 2-3	Increase	USD	330	330	400	400
PB	Spec	Mths 4+	Increase	USD	215	195	264	240
PB	Hedge/Member	Mths 4+	Increase	USD	195	195	240	240
MALIN NG SWING (W9)								
W9	Spec		Decrease	USD	3,960	3,600	2,200	2,000
W9	Hedge/Member		Decrease	USD	3,600	3,600	2,000	2,000
MICHCON NG INDEX FUT (Y8)								
Y8	Spec	Mnths 1-2	Increase	USD	1,650	1,500	4,950	4,500
Y8	Hedge/Member	Mnths 1-2	Increase	USD	1,500	1,500	4,500	4,500
MICHCON NG SWING (T8)								
T8	Spec		Increase	USD	3,960	3,600	4,950	4,500
T8	Hedge/Member		Increase	USD	3,600	3,600	4,500	4,500
MICHIGAN BASIS (NF)								
NF	Spec	Mnth 2	Decrease	USD	605	550	484	440
NF	Hedge/Member	Mnth 2	Decrease	USD	550	550	440	440
NF	Spec	Mnths 3-4	Decrease	USD	330	300	281	255
NF	Hedge/Member	Mnths 3-4	Decrease	USD	300	300	255	255
NF	Spec	Mnths 5-12	Decrease	USD	264	240	226	205
NF	Hedge/Member	Mnths 5-12	Decrease	USD	240	240	205	205
NATURAL GAS PIPELINE TEXOK BASIS FUT (PD)								
PD	Spec	Mnth 1	Decrease	USD	132	120	110	100
PD	Hedge/Member	Mnth 1	Decrease	USD	120	120	100	100
PD	Spec	Mnths 2	Decrease	USD	105	95	94	85
PD	Hedge/Member	Mnths 2	Decrease	USD	95	95	85	85
PD	Spec	Mnths 3-6	Decrease	USD	105	95	88	80
PD	Hedge/Member	Mnths 3-6	Decrease	USD	95	95	80	80
PD	Spec	Mnths 7-12	Decrease	USD	110	100	94	85
PD	Hedge/Member	Mnths 7-12	Decrease	USD	100	100	85	85
PD	Spec	Mnths 13+	Decrease	USD	176	160	110	100
PD	Hedge/Member	Mnths 13+	Decrease	USD	160	160	100	100

SPAN MINIMUM PERFORMANCE BOND REQUIREMENTS

CC	Rate Type	Description	Change	ISO	Current Initial	Current Maintenance	New Initial	New Maintenance
Outright Rates								
NGPL MIDCONTINENT BASIS FUT (NL)								
NL	Spec	Mnth 1	Decrease	USD	352	320	275	250
NL	Hedge/Member	Mnth 1	Decrease	USD	320	320	250	250
NL	Spec	Mnth 2	Decrease	USD	275	250	220	200
NL	Hedge/Member	Mnth 2	Decrease	USD	250	250	200	200
NL	Spec	Mnths 3-6	Decrease	USD	264	240	209	190
NL	Hedge/Member	Mnths 3-6	Decrease	USD	240	240	190	190
NL	Spec	Mnths 7-12	Decrease	USD	193	175	154	140
NL	Hedge/Member	Mnths 7-12	Decrease	USD	175	175	140	140
NL	Spec	Mnths 13+	Decrease	USD	303	275	242	220
NL	Hedge/Member	Mnths 13+	Decrease	USD	275	275	220	220
NGPL STX NAT GAS INDEX FUT (N6)								
N6	Spec	Mnth 1-2	Increase	USD	1,320	1,200	2,200	2,000
N6	Hedge/Member	Mnth 1-2	Increase	USD	1,200	1,200	2,000	2,000
NGPL STX NAT GAS SWING FUT (Q7)								
Q7	Spec	All Months	Decrease	USD	3,850	3,500	2,200	2,000
Q7	Hedge/Member	All Months	Decrease	USD	3,500	3,500	2,000	2,000
NGPL, MIDCONTINENT INDEX (IW)								
IW	Spec	Mnths 1-2	Increase	USD	1,540	1,400	3,300	3,000
IW	Hedge/Member	Mnths 1-2	Increase	USD	1,400	1,400	3,000	3,000
NGPL, TEXOK INDEX (OI)								
OI	Spec	Mnth 1-2	Increase	USD	1,320	1,200	2,750	2,500
OI	Hedge/Member	Mnth 1-2	Increase	USD	1,200	1,200	2,500	2,500
NORTHWEST PIPELINE BASIS FUT (NR)								
NR	Spec	Mnth 1	Decrease	USD	495	450	418	380
NR	Hedge/Member	Mnth 1	Decrease	USD	450	450	380	380
NR	Spec	Mnths 2-6	Decrease	USD	325	295	292	265
NR	Hedge/Member	Mnths 2-6	Decrease	USD	295	295	265	265
NR	Spec	Mnths 7-9	Decrease	USD	193	175	171	155
NR	Hedge/Member	Mnths 7-9	Decrease	USD	175	175	155	155
NR	Spec	Mnths 10-16	Decrease	USD	154	140	138	125
NR	Hedge/Member	Mnths 10-16	Decrease	USD	140	140	125	125
NR	Spec	Mnths 17+	Decrease	USD	220	200	132	120
NR	Hedge/Member	Mnths 17+	Decrease	USD	200	200	120	120
ONEOK NATURAL GAS SWING FUT (M3)								
M3	Spec		Decrease	USD	3,300	3,000	2,200	2,000
M3	Hedge/Member		Decrease	USD	3,000	3,000	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								
ONEOK OKLAHOMA NAT GAS INDEX FUT (C7)								
C7	Spec	Mnths 1-2	Increase	USD	1,320	1,200	2,200	2,000
C7	Hedge/Member	Mnths 1-2	Increase	USD	1,200	1,200	2,000	2,000
ONEOK OKLAHOMA NG BASIS (8X)								
8X	Spec	Mnth 1	Decrease	USD	330	300	264	240
8X	Hedge/Member	Mnth 1	Decrease	USD	300	300	240	240
8X	Spec	Mnth 2	Decrease	USD	220	200	187	170
8X	Hedge/Member	Mnth 2	Decrease	USD	200	200	170	170
8X	Spec	Mnths 3-7	Decrease	USD	198	180	176	160
8X	Hedge/Member	Mnths 3-7	Decrease	USD	180	180	160	160
8X	Spec	Mnths 8-20	Decrease	USD	182	165	165	150
8X	Hedge/Member	Mnths 8-20	Decrease	USD	165	165	150	150
PANHANDLE BASIS FUT (PH)								
PH	Spec	Mnth 1	Decrease	USD	264	240	220	200
PH	Hedge/Member	Mnth 1	Decrease	USD	240	240	200	200
PH	Spec	Mnth 2	Decrease	USD	160	145	149	135
PH	Hedge/Member	Mnth 2	Decrease	USD	145	145	135	135
PH	Spec	Summer 2015	Decrease	USD	198	180	143	130
PH	Hedge/Member	Summer 2015	Decrease	USD	180	180	130	130
PH	Spec	Winter 2015/2016	Decrease	USD	171	155	138	125
PH	Hedge/Member	Winter 2015/2016	Decrease	USD	155	155	125	125
PH	Spec	APR 2016+	Decrease	USD	198	180	143	130
PH	Hedge/Member	APR 2016+	Decrease	USD	180	180	130	130
PANHANDLE INDEX FUT (IV)								
IV	Spec	Mnths 1-2	Increase	USD	1,320	1,200	2,750	2,500
IV	Hedge/Member	Mnths 1-2	Increase	USD	1,200	1,200	2,500	2,500
PANHANDLE SWING FUTURE (SV)								
SV	Spec		Decrease	USD	3,960	3,600	2,750	2,500
SV	Hedge/Member		Decrease	USD	3,600	3,600	2,500	2,500

SPAN MINIMUM PERFORMANCE BOND REQUIREMENTS

CC	Rate Type	Description	Change	ISO	Current Initial	Current Maintenance	New Initial	New Maintenance
Outright Rates								
PERMIAN BASIS FUT (PM)								
PM	Spec	Mths 1	Decrease	USD	545	495	435	395
PM	Hedge/Member	Mths 1	Decrease	USD	495	495	395	395
PM	Spec	Mths 2	Decrease	USD	171	155	138	125
PM	Hedge/Member	Mths 2	Decrease	USD	155	155	125	125
PM	Spec	Mths 3-6	Decrease	USD	165	150	132	120
PM	Hedge/Member	Mths 3-6	Decrease	USD	150	150	120	120
PM	Spec	Mths 7-12	Decrease	USD	160	145	127	115
PM	Hedge/Member	Mths 7-12	Decrease	USD	145	145	115	115
PG&E CITYGATE INDEX (IK)								
IK	Spec	Mnth 1-2	Increase	USD	1,320	1,200	2,200	2,000
IK	Hedge/Member	Mnth 1-2	Increase	USD	1,200	1,200	2,000	2,000
PG&E CITYGATE SWING FUT (SK)								
SK	Spec		Decrease	USD	3,960	3,600	2,200	2,000
SK	Hedge/Member		Decrease	USD	3,600	3,600	2,000	2,000
PGE&E CITYGATE (PC)								
PC	Spec	Mnth 2	Increase	USD	341	310	418	380
PC	Hedge/Member	Mnth 2	Increase	USD	310	310	380	380
PC	Spec	Mnth 3+	Increase	USD	220	200	264	240
PC	Hedge/Member	Mnth 3+	Increase	USD	200	200	240	240
SAN JUAN BASIS FUT (NJ)								
NJ	Spec	Mth 1	Decrease	USD	440	400	352	320
NJ	Hedge/Member	Mth 1	Decrease	USD	400	400	320	320
NJ	Spec	Mth 2	Decrease	USD	193	175	165	150
NJ	Hedge/Member	Mth 2	Decrease	USD	175	175	150	150
NJ	Spec	Mths 3-6	Decrease	USD	143	130	127	115
NJ	Hedge/Member	Mths 3-6	Decrease	USD	130	130	115	115
SAN JUAN INDEX (IJ)								
IJ	Spec	Mnth 1-2	Increase	USD	1,320	1,200	2,200	2,000
IJ	Hedge/Member	Mnth 1-2	Increase	USD	1,200	1,200	2,000	2,000
SAN JUAN SWING FUT (SJ)								
SJ	Spec		Decrease	USD	3,960	3,600	2,200	2,000
SJ	Hedge/Member		Decrease	USD	3,600	3,600	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								
SOCAL BASIS FUT (NS)								
NS	Spec	Mnth 1	Decrease	USD	457	415	363	330
NS	Hedge/Member	Mnth 1	Decrease	USD	415	415	330	330
NS	Spec	Mnth 2	Decrease	USD	286	260	226	205
NS	Hedge/Member	Mnth 2	Decrease	USD	260	260	205	205
NS	Spec	Mnth 3-6	Decrease	USD	275	250	220	200
NS	Hedge/Member	Mnth 3-6	Decrease	USD	250	250	200	200
NS	Spec	Mnth 7-12	Decrease	USD	182	165	165	150
NS	Hedge/Member	Mnth 7-12	Decrease	USD	165	165	150	150
SOCAL CITY-GATE BASIS (9A)								
9A	Spec	Mnth 1	Increase	USD	418	380	495	450
9A	Hedge/Member	Mnth 1	Increase	USD	380	380	450	450
9A	Spec	Mnths 2+	Increase	USD	308	280	374	340
9A	Hedge/Member	Mnths 2+	Increase	USD	280	280	340	340
SOCAL CITY-GATE NAT GAS INDEX FUT (N5)								
N5	Spec	Mnth 1-2	Increase	USD	1,320	1,200	2,200	2,000
N5	Hedge/Member	Mnth 1-2	Increase	USD	1,200	1,200	2,000	2,000
SOCAL CITY-GATE NAT GAS SWING FUT (T9)								
T9	Spec		Decrease	USD	3,960	3,600	2,200	2,000
T9	Hedge/Member		Decrease	USD	3,600	3,600	2,000	2,000
SOCAL INDEX (IF)								
IF	Spec	Mnth 1-2	Increase	USD	1,320	1,200	2,200	2,000
IF	Hedge/Member	Mnth 1-2	Increase	USD	1,200	1,200	2,000	2,000
SOCAL SWING FUT (SF)								
SF	Spec		Decrease	USD	4,400	4,000	2,200	2,000
SF	Hedge/Member		Decrease	USD	4,000	4,000	2,000	2,000
SOUTH STAR TEX OKLHM KNS NG B (8Z)								
8Z	Spec	Mnth 1	Decrease	USD	352	320	303	275
8Z	Hedge/Member	Mnth 1	Decrease	USD	320	320	275	275
8Z	Spec	Mnth 2-2	Decrease	USD	253	230	215	195
8Z	Hedge/Member	Mnth 2-2	Decrease	USD	230	230	195	195
SOUTHERN NAT LA NAT GAS SWING FUT (K8)								
K8	Spec		Decrease	USD	3,300	3,000	2,200	2,000
K8	Hedge/Member		Decrease	USD	3,000	3,000	2,000	2,000
SOUTHERN NAT, LA NAT GAS INDEX FUT (M8)								
M8	Spec	Mths 1-2	Increase	USD	1,320	1,200	2,200	2,000
M8	Hedge/Member	Mths 1-2	Increase	USD	1,200	1,200	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								
SOUTHERN STAR NAT GAS INDEX FUT (C9)								
C9	Spec	Mnth 1-2	Increase	USD	1,320	1,200	2,200	2,000
C9	Hedge/Member	Mnth 1-2	Increase	USD	1,200	1,200	2,000	2,000
SOUTHERN STAR, TX-OKLA SWING (M4)								
M4	Spec		Decrease	USD	3,300	3,000	2,200	2,000
M4	Hedge/Member		Decrease	USD	3,000	3,000	2,000	2,000
SUMAS BASIS FUT (NK)								
NK	Spec	Mnth 1	Decrease	USD	627	570	506	460
NK	Hedge/Member	Mnth 1	Decrease	USD	570	570	460	460
NK	Spec	Mnths 15+	Decrease	USD	385	350	330	300
NK	Hedge/Member	Mnths 15+	Decrease	USD	350	350	300	300
SUMAS INDEX (IU)								
IU	Spec	Mnth 1-2	Increase	USD	1,320	1,200	2,750	2,500
IU	Hedge/Member	Mnth 1-2	Increase	USD	1,200	1,200	2,500	2,500
SUMAS SWING FUT (SU)								
SU	Spec		Decrease	USD	3,960	3,600	2,750	2,500
SU	Hedge/Member		Decrease	USD	3,600	3,600	2,500	2,500
TCO BASIS FUT (TC)								
TC	Spec	Mnth 1	Decrease	USD	204	185	165	150
TC	Hedge/Member	Mnth 1	Decrease	USD	185	185	150	150
TC	Spec	Mnth 2-2	Decrease	USD	176	160	160	145
TC	Hedge/Member	Mnth 2-2	Decrease	USD	160	160	145	145
TC	Spec	Mnths 3-7	Decrease	USD	176	160	149	135
TC	Hedge/Member	Mnths 3-7	Decrease	USD	160	160	135	135
TC	Spec	Mnths 8-19	Decrease	USD	176	160	143	130
TC	Hedge/Member	Mnths 8-19	Decrease	USD	160	160	130	130
TC	Spec	Mnths 20+	Decrease	USD	396	360	330	300
TC	Hedge/Member	Mnths 20+	Decrease	USD	360	360	300	300
TCO NG INDEX FUT (Q1)								
Q1	Spec	Mnth 1-2	Decrease	USD	2,464	2,240	2,200	2,000
Q1	Hedge/Member	Mnth 1-2	Decrease	USD	2,240	2,240	2,000	2,000
TCO NG SWING (A1)								
A1	Spec		Decrease	USD	3,960	3,600	2,200	2,000
A1	Hedge/Member		Decrease	USD	3,600	3,600	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								
TENNESSEE 500 LEG BASIS FUT (NM)								
NM	Spec	Mnth 1	Decrease	USD	165	150	127	115
NM	Hedge/Member	Mnth 1	Decrease	USD	150	150	115	115
NM	Spec	Mnths 2+	Decrease	USD	165	150	121	110
NM	Hedge/Member	Mnths 2+	Decrease	USD	150	150	110	110
TENNESSEE 500 LEG NG SWING (T7)								
T7	Spec	All Months	Decrease	USD	3,960	3,600	2,200	2,000
T7	Hedge/Member	All Months	Decrease	USD	3,600	3,600	2,000	2,000
TENNESSEE 800 LEG NAT GAS SWING (W5)								
W5	Spec		Decrease	USD	3,960	3,600	2,200	2,000
W5	Hedge/Member		Decrease	USD	3,600	3,600	2,000	2,000
TENNESSEE 800 LEG NG BASIS (6Z)								
6Z	Spec	Mnth 1	Increase	USD	72	65	88	80
6Z	Hedge/Member	Mnth 1	Increase	USD	65	65	80	80
TENNESSEE ZONE 0 NG INDEX FUT (Q4)								
Q4	Spec	Mnth 1-2	Increase	USD	1,650	1,500	2,200	2,000
Q4	Hedge/Member	Mnth 1-2	Increase	USD	1,500	1,500	2,000	2,000
TENNESSEE ZONE 0 NG SWING (T4)								
T4	Spec	All Months	Decrease	USD	3,960	3,600	2,200	2,000
T4	Hedge/Member	All Months	Decrease	USD	3,600	3,600	2,000	2,000
TETCO M-3 INDEX (IX)								
IX	Spec	Mnths 1-2	Increase	USD	15,400	14,000	17,600	16,000
IX	Hedge/Member	Mnths 1-2	Increase	USD	14,000	14,000	16,000	16,000
TETCO NG STX SWING (T2)								
T2	Spec	All Months	Decrease	USD	3,960	3,600	2,200	2,000
T2	Hedge/Member	All Months	Decrease	USD	3,600	3,600	2,000	2,000
TETCO STX NG INDEX FUT (Q2)								
Q2	Spec	Mnth 1-2	Increase	USD	1,650	1,500	2,200	2,000
Q2	Hedge/Member	Mnth 1-2	Increase	USD	1,500	1,500	2,000	2,000
TEXAS EAST ELA NAT GAS INDEX FUT (M9)								
M9	Spec	Mnth 1-2	Increase	USD	1,320	1,200	2,200	2,000
M9	Hedge/Member	Mnth 1-2	Increase	USD	1,200	1,200	2,000	2,000
TEXAS EAST WLA NAT GAS INDEX FUT (C2)								
C2	Spec	Mnth 1-2	Increase	USD	1,320	1,200	2,200	2,000
C2	Hedge/Member	Mnth 1-2	Increase	USD	1,200	1,200	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								
TEXAS EASTERN ELA NAT GAS SWING (K9)								
K9	Spec		Decrease	USD	3,300	3,000	2,200	2,000
K9	Hedge/Member		Decrease	USD	3,000	3,000	2,000	2,000
TEXAS EASTERN WLA NAT GAS SWING (X8)								
X8	Spec	All Months	Decrease	USD	4,950	4,500	2,200	2,000
X8	Hedge/Member	All Months	Decrease	USD	4,500	4,500	2,000	2,000
TEXAS EASTERN ZONE M-3 BASIS FUT (NX)								
NX	Spec	Mth 1	Decrease	USD	4,400	4,000	2,200	2,000
NX	Hedge/Member	Mth 1	Decrease	USD	4,000	4,000	2,000	2,000
NX	Spec	Mth 2	Decrease	USD	1,100	1,000	880	800
NX	Hedge/Member	Mth 2	Decrease	USD	1,000	1,000	800	800
NX	Spec	Summer 2015	Decrease	USD	825	750	660	600
NX	Hedge/Member	Summer 2015	Decrease	USD	750	750	600	600
NX	Spec	Summer 2016	Decrease	USD	1,320	1,200	660	600
NX	Hedge/Member	Summer 2016	Decrease	USD	1,200	1,200	600	600
TEXAS EASTERN ZONE M-3 SWING FUT (SX)								
SX	Spec		Increase	USD	14,300	13,000	17,600	16,000
SX	Hedge/Member		Increase	USD	13,000	13,000	16,000	16,000
TEXAS GAS ZONE1 NG BASIS (9F)								
9F	Spec	Mnth 1	Decrease	USD	275	250	220	200
9F	Hedge/Member	Mnth 1	Decrease	USD	250	250	200	200
9F	Spec	Mnth 2-2	Decrease	USD	264	240	209	190
9F	Hedge/Member	Mnth 2-2	Decrease	USD	240	240	190	190
9F	Spec	Mnths 3-7	Decrease	USD	264	240	204	185
9F	Hedge/Member	Mnths 3-7	Decrease	USD	240	240	185	185
9F	Spec	Mnths 8-19	Decrease	USD	220	200	193	175
9F	Hedge/Member	Mnths 8-19	Decrease	USD	200	200	175	175
TRANSCO ZONE 1 NAT GAS INDEX FUT (C4)								
C4	Spec	Mths 1-2	Decrease	USD	3,520	3,200	2,640	2,400
C4	Hedge/Member	Mths 1-2	Decrease	USD	3,200	3,200	2,400	2,400
TRANSCO ZONE 1 NAT GAS SWING FUT (X4)								
X4	Spec		Decrease	USD	5,280	4,800	2,640	2,400
X4	Hedge/Member		Decrease	USD	4,800	4,800	2,400	2,400

SPAN MINIMUM PERFORMANCE BOND REQUIREMENTS

CC	Rate Type	Description	Change	ISO	Current Initial	Current Maintenance	New Initial	New Maintenance
Outright Rates								
TRANSCO ZONE 3 BASIS (CZ)								
CZ	Spec	Mth 2	Decrease	USD	127	115	99	90
CZ	Hedge/Member	Mth 2	Decrease	USD	115	115	90	90
CZ	Spec	Mths 3 - 6	Decrease	USD	94	85	72	65
CZ	Hedge/Member	Mths 3 - 6	Decrease	USD	85	85	65	65
CZ	Spec	Mths 7 - 12	Decrease	USD	88	80	77	70
CZ	Hedge/Member	Mths 7 - 12	Decrease	USD	80	80	70	70
CZ	Spec	Mths 13+	Decrease	USD	99	90	77	70
CZ	Hedge/Member	Mths 13+	Decrease	USD	90	90	70	70
TRANSCO ZONE 3 NG INDEX FUT (Y6)								
Y6	Spec	Mnth 1-2	Increase	USD	1,650	1,500	2,200	2,000
Y6	Hedge/Member	Mnth 1-2	Increase	USD	1,500	1,500	2,000	2,000
TRANSCO ZONE 3 NG SWING (T6)								
T6	Spec		Decrease	USD	3,960	3,600	2,200	2,000
T6	Hedge/Member		Decrease	USD	3,600	3,600	2,000	2,000
TRANSCO ZONE 4 NAT GAS INDEX FUT (B2)								
B2	Spec	Mnth 1	Increase	USD	1,650	1,500	2,200	2,000
B2	Hedge/Member	Mnth 1	Increase	USD	1,500	1,500	2,000	2,000
TRANSCO ZONE 4 NAT GAS SWING FUT (J3)								
J3	Spec	All Months	Decrease	USD	3,300	3,000	2,200	2,000
J3	Hedge/Member	All Months	Decrease	USD	3,000	3,000	2,000	2,000
TRANSCO ZONE 5 GAS SWING FUT (TZ5)								
TZ5	Spec	All Months	Increase	USD	5,280	4,800	6,336	5,760
TZ5	Hedge/Member	All Months	Increase	USD	4,800	4,800	5,760	5,760
TRANSCO ZONE 6 BASIS FUT (NZ)								
NZ	Spec	Mnth 1	Decrease	USD	7,700	7,000	4,400	4,000
NZ	Hedge/Member	Mnth 1	Decrease	USD	7,000	7,000	4,000	4,000
NZ	Spec	Mnth 2	Decrease	USD	2,200	2,000	1,650	1,500
NZ	Hedge/Member	Mnth 2	Decrease	USD	2,000	2,000	1,500	1,500
NZ	Spec	Summer 2015	Decrease	USD	1,320	1,200	1,188	1,080
NZ	Hedge/Member	Summer 2015	Decrease	USD	1,200	1,200	1,080	1,080
NZ	Spec	Winter 2015/2016	Decrease	USD	1,980	1,800	990	900
NZ	Hedge/Member	Winter 2015/2016	Decrease	USD	1,800	1,800	900	900
TRANSCO ZONE 6 GAS INDEX FUT (TZI)								
TZI	Spec	Mnths 1-2	Increase	USD	28,600	26,000	33,000	30,000
TZI	Hedge/Member	Mnths 1-2	Increase	USD	26,000	26,000	30,000	30,000

SPAN MINIMUM PERFORMANCE BOND REQUIREMENTS

CC	Rate Type	Description	Change	ISO	Current Initial	Current Maintenance	New Initial	New Maintenance
Outright Rates								
TRANSCO ZONE 6 GAS SWING FUT (TZS)								
TZS	Spec	All Months	Increase	USD	27,500	25,000	33,000	30,000
TZS	Hedge/Member	All Months	Increase	USD	25,000	25,000	30,000	30,000
TRANSCO ZONE 6 INDEX (IT)								
IT	Spec	Mnth 1-2	Increase	USD	14,300	13,000	18,700	17,000
IT	Hedge/Member	Mnth 1-2	Increase	USD	13,000	13,000	17,000	17,000
TRANSCO ZONE 6 SWING FUT (ST)								
ST	Spec	All Months	Increase	USD	22,000	20,000	28,600	26,000
ST	Hedge/Member	All Months	Increase	USD	20,000	20,000	26,000	26,000
TRANSCO ZONE4 BASIS FUT (TR)								
TR	Spec	Mnth 1	Decrease	USD	66	60	55	50
TR	Hedge/Member	Mnth 1	Decrease	USD	60	60	50	50
TR	Spec	Mnth 2	Decrease	USD	61	55	50	45
TR	Hedge/Member	Mnth 2	Decrease	USD	55	55	45	45
TR	Spec	Mnths 3-7	Decrease	USD	55	50	44	40
TR	Hedge/Member	Mnths 3-7	Decrease	USD	50	50	40	40
TR	Spec	Mnths 8-14	Decrease	USD	50	45	39	35
TR	Hedge/Member	Mnths 8-14	Decrease	USD	45	45	35	35
TR	Spec	Mnths 15+	Decrease	USD	66	60	55	50
TR	Hedge/Member	Mnths 15+	Decrease	USD	60	60	50	50
TRUNKLINE ELA NAT GAS INDEX FUT (M7)								
M7	Spec	Mnth 1-2	Increase	USD	1,320	1,200	2,200	2,000
M7	Hedge/Member	Mnth 1-2	Increase	USD	1,200	1,200	2,000	2,000
TRUNKLINE ELA NAT GAS SWING FUT (K7)								
K7	Spec		Decrease	USD	3,300	3,000	2,200	2,000
K7	Hedge/Member		Decrease	USD	3,000	3,000	2,000	2,000
VENTURA BASIS FUT (PF)								
PF	Spec	Mnth 1	Decrease	USD	1,650	1,500	1,210	1,100
PF	Hedge/Member	Mnth 1	Decrease	USD	1,500	1,500	1,100	1,100
PF	Spec	Mnths 2-5	Decrease	USD	715	650	644	585
PF	Hedge/Member	Mnths 2-5	Decrease	USD	650	650	585	585
PF	Spec	Mnths 6+	Decrease	USD	242	220	215	195
PF	Hedge/Member	Mnths 6+	Decrease	USD	220	220	195	195
VENTURA INDEX FUTURE (VI)								
VI	Spec	Mnth 1-2	Increase	USD	1,650	1,500	4,950	4,500
VI	Hedge/Member	Mnth 1-2	Increase	USD	1,500	1,500	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								
VENTURA SWING FUT (VS)								
VS	Spec		Increase	USD	3,960	3,600	5,060	4,600
VS	Hedge/Member		Increase	USD	3,600	3,600	4,600	4,600
WAHA INDEX FUT (IY)								
IY	Spec	Mnth 1-2	Increase	USD	1,320	1,200	2,200	2,000
IY	Hedge/Member	Mnth 1-2	Increase	USD	1,200	1,200	2,000	2,000
WAHA SWING FUTURE (SY)								
SY	Spec	All Months	Decrease	USD	3,960	3,600	2,200	2,000
SY	Hedge/Member	All Months	Decrease	USD	3,600	3,600	2,000	2,000
WAHA TEXAS BASIS FUT (NW)								
NW	Spec	Mnth 1	Decrease	USD	770	700	550	500
NW	Hedge/Member	Mnth 1	Decrease	USD	700	700	500	500
NW	Spec	Mnth 2	Decrease	USD	127	115	110	100
NW	Hedge/Member	Mnth 2	Decrease	USD	115	115	100	100
NW	Spec	Mnths 3-6	Decrease	USD	105	95	83	75
NW	Hedge/Member	Mnths 3-6	Decrease	USD	95	95	75	75
NW	Spec	Mnths 7-12	Decrease	USD	105	95	83	75
NW	Hedge/Member	Mnths 7-12	Decrease	USD	95	95	75	75
NW	Spec	Mnths 13+	Decrease	USD	143	130	110	100
NW	Hedge/Member	Mnths 13+	Decrease	USD	130	130	100	100

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								
BUTANE 5 DECIMAL (D0)								
D0	Spec	Mth 1	Decrease	USD	3,850	3,500	3,300	3,000
D0	Hedge/Member	Mth 1	Decrease	USD	3,500	3,500	3,000	3,000
D0	Spec	Mnths 2-6	Decrease	USD	3,850	3,500	3,135	2,850
D0	Hedge/Member	Mnths 2-6	Decrease	USD	3,500	3,500	2,850	2,850
ETHANE 5 DECIMAL (C0)								
C0	Spec	Mnths 1-3	Decrease	USD	1,650	1,500	1,485	1,350
C0	Hedge/Member	Mnths 1-3	Decrease	USD	1,500	1,500	1,350	1,350
C0	Spec	Mnths 4+	Decrease	USD	1,320	1,200	1,100	1,000
C0	Hedge/Member	Mnths 4+	Decrease	USD	1,200	1,200	1,000	1,000
MT. BELVIEU MINI LDH PROPANE FUT (81)								
81	Spec	Mth 1	Decrease	USD	396	360	330	300
81	Hedge/Member	Mth 1	Decrease	USD	360	360	300	300
81	Spec	Mth 2-3	Decrease	USD	330	300	297	270
81	Hedge/Member	Mth 2-3	Decrease	USD	300	300	270	270
81	Spec	Mth 4+	Decrease	USD	297	270	275	250
81	Hedge/Member	Mth 4+	Decrease	USD	270	270	250	250
PGP POLYMER GRD PROPYLENE CAL FUT (PGP)								
PGP	Spec	Mth 1	Decrease	USD	4,400	4,000	4,180	3,800
PGP	Hedge/Member	Mth 1	Decrease	USD	4,000	4,000	3,800	3,800
PROPANE 5 DECIMAL (B0)								
B0	Spec	Mth 1	Decrease	USD	3,960	3,600	3,300	3,000
B0	Hedge/Member	Mth 1	Decrease	USD	3,600	3,600	3,000	3,000
B0	Spec	Mth 2-3	Decrease	USD	3,300	3,000	2,970	2,700
B0	Hedge/Member	Mth 2-3	Decrease	USD	3,000	3,000	2,700	2,700
B0	Spec	Mth 4+	Decrease	USD	2,970	2,700	2,750	2,500
B0	Hedge/Member	Mth 4+	Decrease	USD	2,700	2,700	2,500	2,500
PROPANE NON LDH MT BELVIEU (1R)								
1R	Spec	Mth 1	Decrease	USD	3,630	3,300	3,410	3,100
1R	Hedge/Member	Mth 1	Decrease	USD	3,300	3,300	3,100	3,100

SPAN MINIMUM PERFORMANCE BOND REQUIREMENTS

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

PETROLEUM CRACKS AND SPREADS - Outright Rates

GASOIL 0.1CIF MED VS. ICE GAS (Z5)

Z5	Spec	Mnth 1	Increase	USD	2,750	2,500	3,575	3,250
Z5	Hedge/Member	Mnth 1	Increase	USD	2,500	2,500	3,250	3,250

JET CIF NWE VS ICE (JC)

JC	Spec	Mnths 7+	Increase	USD	2,530	2,300	2,860	2,600
JC	Hedge/Member	Mnths 7+	Increase	USD	2,300	2,300	2,600	2,600

LA CARBOB GASOLINE(OPIS)FUT (JL)

JL	Spec		Increase	USD	4,400	4,000	5,500	5,000
JL	Hedge/Member		Increase	USD	4,000	4,000	5,000	5,000

MIN JETKERO CRGOS CIF NWE VS GASOIL (MJC)

MJC	Spec	Mnths 7+	Increase	USD	253	230	286	260
MJC	Hedge/Member	Mnths 7+	Increase	USD	230	230	260	260

MIN ULSD 10PPM CRGOS CIF MED VS GSL (UCM)

UCM	Spec	Mnth 1	Increase	USD	715	650	825	750
UCM	Hedge/Member	Mnth 1	Increase	USD	650	650	750	750
UCM	Spec	Mnth 2+	Increase	USD	374	340	440	400
UCM	Hedge/Member	Mnth 2+	Increase	USD	340	340	400	400

ULSD 10PPM CIF MED VS. ICE GAS (Z7)

Z7	Spec	Mnth 1	Increase	USD	7,150	6,500	8,250	7,500
Z7	Hedge/Member	Mnth 1	Increase	USD	6,500	6,500	7,500	7,500
Z7	Spec	Mnth 2+	Increase	USD	3,740	3,400	4,400	4,000
Z7	Hedge/Member	Mnth 2+	Increase	USD	3,400	3,400	4,000	4,000

SPAN MINIMUM PERFORMANCE BOND REQUIREMENTS

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

ELECTRICITY - Intra Spreads

NEPOOL NEW HAMPSHIRE 5MW DAY AHEAD PEAK - All Months (NEPOOL NEW HAMP 5MW D AH PK)

U2	Spec		Increase	USD	275	250	550	500
U2	Hedge/Member		Increase	USD	250	250	500	500

NEPOOL RHODE ISLAND 5MW DAY AHEAD PEAK - All Months (NEPOOL RHD ISLD 5MW D AH PK)

U4	Spec		Increase	USD	220	200	440	400
U4	Hedge/Member		Increase	USD	200	200	400	400

NEPOOL W CENTRAL M 5MW DAY AHEAD PEAK - All Months (NEPOOL W CNTR M 5MW D AH PK)

R6	Spec		Increase	USD	275	250	550	500
R6	Hedge/Member		Increase	USD	250	250	500	500

Ontario Off-Peak Calendar-Month Swap Futures - All Months (ONTARIO OFF-PK CAL-MO FUTURES)

OFM	Spec		Increase	CAD	22	20	28	25
OFM	Hedge/Member		Increase	CAD	20	20	25	25

PJM BGE ZONE PEAK CALENDAR MONTH DAY AHEAD LMP - All Months (PJM BGE DA PEAK)

E3	Spec		Increase	USD	275	250	440	400
E3	Hedge/Member		Increase	USD	250	250	400	400

SPAN MINIMUM PERFORMANCE BOND REQUIREMENTS

CC	Rate Type	Description	Change	ISO	Current Initial	Current Maintenance	New Initial	New Maintenance
Intra Spreads								
FX - Intra Spreads								
Brazilian Real (BR) - Tier 1 vs. Tier 1 (BRAZILIAN REAL FUTURES)								
BR	Spec		Increase	USD	770	700	990	900
BR	Hedge/Member		Increase	USD	700	700	900	900
Brazilian Real (BR) - Tier 2 vs. Tier 2 (BRAZILIAN REAL FUTURES)								
BR	Spec		Increase	USD	770	700	990	900
BR	Hedge/Member		Increase	USD	700	700	900	900
Brazilian Real (BR) - Tier 2 vs. Tier 3 (BRAZILIAN REAL FUTURES)								
BR	Spec		Increase	USD	770	700	836	760
BR	Hedge/Member		Increase	USD	700	700	760	760
Brazilian Real (BR) - Tier 3 vs. Tier 3 (BRAZILIAN REAL FUTURES)								
BR	Spec		Increase	USD	770	700	990	900
BR	Hedge/Member		Increase	USD	700	700	900	900
Brazilian Real (BR) - Tier 4 vs. Tier 4 (BRAZILIAN REAL FUTURES)								
BR	Spec		Increase	USD	770	700	990	900
BR	Hedge/Member		Increase	USD	700	700	900	900
Canadian Dollar (CD) - Contracts 1-4 vs. 1-4 (CANADIAN DOLLAR FUTURES)								
CD	Spec		Increase	USD	44	40	72	65
CD	Hedge/Member		Increase	USD	40	40	65	65
Canadian Dollar (CD) - Contracts 1-4 vs. 1-4 (E-MICRO CAD/USD FUTURES)								
MCD	Spec		Increase	USD	4	4	7	7
MCD	Hedge/Member		Increase	USD	4	4	7	7
Canadian Dollar (CD) - Contracts 1-4 vs. 5-8 (CANADIAN DOLLAR FUTURES)								
CD	Spec		Increase	USD	110	100	165	150
CD	Hedge/Member		Increase	USD	100	100	150	150
Canadian Dollar (CD) - Contracts 1-4 vs. 5-8 (E-MICRO CAD/USD FUTURES)								
MCD	Spec		Increase	USD	11	10	17	15
MCD	Hedge/Member		Increase	USD	10	10	15	15
Canadian Dollar (CD) - Contracts 1-4 vs. 9+ (CANADIAN DOLLAR FUTURES)								
CD	Spec		Increase	USD	358	325	413	375
CD	Hedge/Member		Increase	USD	325	325	375	375
Canadian Dollar (CD) - Contracts 1-4 vs. 9+ (E-MICRO CAD/USD FUTURES)								
MCD	Spec		Increase	USD	36	33	41	38
MCD	Hedge/Member		Increase	USD	33	33	38	38

SPAN MINIMUM PERFORMANCE BOND REQUIREMENTS

CC	Rate Type	Description	Change	ISO	Current Initial	Current Maintenance	New Initial	New Maintenance
Intra Spreads								
Canadian Dollar (CD) - Contracts 5-8 vs. 5-8 (CANADIAN DOLLAR FUTURES)								
CD	Spec		Increase	USD	110	100	165	150
CD	Hedge/Member		Increase	USD	100	100	150	150
Canadian Dollar (CD) - Contracts 5-8 vs. 5-8 (E-MICRO CAD/USD FUTURES)								
MCD	Spec		Increase	USD	11	10	17	15
MCD	Hedge/Member		Increase	USD	10	10	15	15
Canadian Dollar (CD) - Contracts 5-8 vs. 9+ (CANADIAN DOLLAR FUTURES)								
CD	Spec		Increase	USD	358	325	413	375
CD	Hedge/Member		Increase	USD	325	325	375	375
Canadian Dollar (CD) - Contracts 5-8 vs. 9+ (E-MICRO CAD/USD FUTURES)								
MCD	Spec		Increase	USD	36	33	41	38
MCD	Hedge/Member		Increase	USD	33	33	38	38
Canadian Dollar (CD) - Contracts 9+ vs. 9+ (CANADIAN DOLLAR FUTURES)								
CD	Spec		Increase	USD	358	325	413	375
CD	Hedge/Member		Increase	USD	325	325	375	375
Canadian Dollar (CD) - Contracts 9+ vs. 9+ (E-MICRO CAD/USD FUTURES)								
MCD	Spec		Increase	USD	36	33	41	38
MCD	Hedge/Member		Increase	USD	33	33	38	38
CNY Intra Spread - All Months (E-MICRO USD/RMB FUTURES)								
MNY	Spec		Increase	USD	55	50	110	100
MNY	Hedge/Member		Increase	USD	50	50	100	100
CNY Intra Spread - All Months (USD/RMB FUTURES)								
CNY	Spec		Increase	USD	550	500	1,100	1,000
CNY	Hedge/Member		Increase	USD	500	500	1,000	1,000
Cross Rate Euro FX/Australian Dollar (CA) - All Months (EC/AD CROSS RATE FUTURES)								
CA	Spec		Decrease	AUD	193	175	138	125
CA	Hedge/Member		Decrease	AUD	175	175	125	125
Euro FX (EC) - Contracts 1-4 vs. 5-8 (E-MICRO EUR/USD FUTURES)								
M6E	Spec		Increase	USD	28	25	31	28
M6E	Hedge/Member		Increase	USD	25	25	28	28
Euro FX (EC) - Contracts 1-4 vs. 5-8 (E-MINI EURO FX FUTURE)								
E7	Spec		Increase	USD	138	125	154	140
E7	Hedge/Member		Increase	USD	125	125	140	140

SPAN MINIMUM PERFORMANCE BOND REQUIREMENTS

CC	Rate Type	Description	Change	ISO	Current Initial	Current Maintenance	New Initial	New Maintenance
Intra Spreads								
Euro FX (EC) - Contracts 1-4 vs. 5-8 (EURO FUTURE)								
EC	Spec		Increase	USD	275	250	308	280
EC	Hedge/Member		Increase	USD	250	250	280	280
Euro FX (EC) - Contracts 1-4 vs. 9+ (E-MICRO EUR/USD FUTURES)								
M6E	Spec		Increase	USD	55	50	83	75
M6E	Hedge/Member		Increase	USD	50	50	75	75
Euro FX (EC) - Contracts 1-4 vs. 9+ (E-MINI EURO FX FUTURE)								
E7	Spec		Increase	USD	275	250	413	375
E7	Hedge/Member		Increase	USD	250	250	375	375
Euro FX (EC) - Contracts 1-4 vs. 9+ (EURO FUTURE)								
EC	Spec		Increase	USD	550	500	825	750
EC	Hedge/Member		Increase	USD	500	500	750	750
Euro FX (EC) - Contracts 5-8 vs. 5-8 (E-MICRO EUR/USD FUTURES)								
M6E	Spec		Increase	USD	28	25	31	28
M6E	Hedge/Member		Increase	USD	25	25	28	28
Euro FX (EC) - Contracts 5-8 vs. 5-8 (E-MINI EURO FX FUTURE)								
E7	Spec		Increase	USD	138	125	154	140
E7	Hedge/Member		Increase	USD	125	125	140	140
Euro FX (EC) - Contracts 5-8 vs. 5-8 (EURO FUTURE)								
EC	Spec		Increase	USD	275	250	308	280
EC	Hedge/Member		Increase	USD	250	250	280	280
Euro FX (EC) - Contracts 5-8 vs. 9+ (E-MICRO EUR/USD FUTURES)								
M6E	Spec		Increase	USD	55	50	83	75
M6E	Hedge/Member		Increase	USD	50	50	75	75
Euro FX (EC) - Contracts 5-8 vs. 9+ (E-MINI EURO FX FUTURE)								
E7	Spec		Increase	USD	275	250	413	375
E7	Hedge/Member		Increase	USD	250	250	375	375
Euro FX (EC) - Contracts 5-8 vs. 9+ (EURO FUTURE)								
EC	Spec		Increase	USD	550	500	825	750
EC	Hedge/Member		Increase	USD	500	500	750	750
Euro FX (EC) - Contracts 9+ vs. 9+ (E-MICRO EUR/USD FUTURES)								
M6E	Spec		Increase	USD	55	50	83	75
M6E	Hedge/Member		Increase	USD	50	50	75	75

SPAN MINIMUM PERFORMANCE BOND REQUIREMENTS

CC	Rate Type	Description	Change	ISO	Current Initial	Current Maintenance	New Initial	New Maintenance
Intra Spreads								
Euro FX (EC) - Contracts 9+ vs. 9+ (E-MINI EURO FX FUTURE)								
E7	Spec		Increase	USD	275	250	413	375
E7	Hedge/Member		Increase	USD	250	250	375	375
Euro FX (EC) - Contracts 9+ vs. 9+ (EURO FUTURE)								
EC	Spec		Increase	USD	550	500	825	750
EC	Hedge/Member		Increase	USD	500	500	750	750
Russian Ruble - Tier 1 vs. Tier 2 (RU RUSSIAN RUBLE FUTURES)								
RU	Spec		Increase	USD	1,650	1,500	2,310	2,100
RU	Hedge/Member		Increase	USD	1,500	1,500	2,100	2,100
Russian Ruble - Tier 2 vs. Tier 2 (RU RUSSIAN RUBLE FUTURES)								
RU	Spec		Increase	USD	1,650	1,500	2,420	2,200
RU	Hedge/Member		Increase	USD	1,500	1,500	2,200	2,200
Russian Ruble - Tier 2 vs. Tier 3 (RU RUSSIAN RUBLE FUTURES)								
RU	Spec		Increase	USD	1,980	1,800	2,640	2,400
RU	Hedge/Member		Increase	USD	1,800	1,800	2,400	2,400
Russian Ruble - Tier 3 vs. Tier 3 (RU RUSSIAN RUBLE FUTURES)								
RU	Spec		Increase	USD	1,650	1,500	2,420	2,200
RU	Hedge/Member		Increase	USD	1,500	1,500	2,200	2,200
Russian Ruble - Tier 4 vs. Tier 4 (RU RUSSIAN RUBLE FUTURES)								
RU	Spec		Increase	USD	1,650	1,500	2,420	2,200
RU	Hedge/Member		Increase	USD	1,500	1,500	2,200	2,200
South African Rand - All Months (AFRICAN RAND FUTURES)								
RA	Spec		Decrease	USD	275	250	138	125
RA	Hedge/Member		Decrease	USD	250	250	125	125

SPAN MINIMUM PERFORMANCE BOND REQUIREMENTS

CC	Rate Type	Description	Change	ISO	Current Initial	Current Maintenance	New Initial	New Maintenance
Intra Spreads								
INTEREST RATES - Intra Spreads								
Eurodollar (ED) - 3 Month Condor [Mo. 02] (EURODOLLAR FUTURES)								
ED	Spec		Increase	USD	165	150	220	200
ED	Hedge/Member		Increase	USD	150	150	200	200
Eurodollar (ED) - 3 Month Condor [Mo. 03] (EURODOLLAR FUTURES)								
ED	Spec		Increase	USD	22	20	83	75
ED	Hedge/Member		Increase	USD	20	20	75	75
Eurodollar (ED) - 3 Month Condor [Mo. 04] (EURODOLLAR FUTURES)								
ED	Spec		Increase	USD	22	20	83	75
ED	Hedge/Member		Increase	USD	20	20	75	75
Eurodollar (ED) - 3 Month Double Butterfly [Mo.09] (EURODOLLAR FUTURES)								
ED	Spec		Increase	USD	11	10	39	35
ED	Hedge/Member		Increase	USD	10	10	35	35
Eurodollar (ED) - 3 Month Double Butterfly [Mo.10] (EURODOLLAR FUTURES)								
ED	Spec		Increase	USD	11	10	39	35
ED	Hedge/Member		Increase	USD	10	10	35	35
Eurodollar (ED) - 3 Month Double Butterfly [Mo.21-Subsequent] (EURODOLLAR FUTURES)								
ED	Spec		Increase	USD	55	50	66	60
ED	Hedge/Member		Increase	USD	50	50	60	60
Eurodollar (ED) - 6 Month Condor [Mo. 01] (EURODOLLAR FUTURES)								
ED	Spec		Increase	USD	220	200	270	245
ED	Hedge/Member		Increase	USD	200	200	245	245
Eurodollar (ED) - 6 Month Condor [Mo. 02] (EURODOLLAR FUTURES)								
ED	Spec		Increase	USD	22	20	209	190
ED	Hedge/Member		Increase	USD	20	20	190	190
Eurodollar (ED) - 6 Month Condor [Mo. 06] (EURODOLLAR FUTURES)								
ED	Spec		Increase	USD	55	50	110	100
ED	Hedge/Member		Increase	USD	50	50	100	100
Eurodollar (ED) - 6 Month Condor [Mo. 10] (EURODOLLAR FUTURES)								
ED	Spec		Increase	USD	61	55	83	75
ED	Hedge/Member		Increase	USD	55	55	75	75
Eurodollar (ED) - 6 Month Condor [Mo. 13] (EURODOLLAR FUTURES)								
ED	Spec		Increase	USD	55	50	83	75
ED	Hedge/Member		Increase	USD	50	50	75	75

SPAN MINIMUM PERFORMANCE BOND REQUIREMENTS

CC	Rate Type	Description	Change	ISO	Current Initial	Current Maintenance	New Initial	New Maintenance
Intra Spreads								
Eurodollar (ED) - Condor [Mo. 03] (EURODOLLAR FUTURES)								
ED	Spec		Increase	USD	11	10	55	50
ED	Hedge/Member		Increase	USD	10	10	50	50
Eurodollar (ED) - Condor [Mo. 07] (EURODOLLAR FUTURES)								
ED	Spec		Increase	USD	11	10	55	50
ED	Hedge/Member		Increase	USD	10	10	50	50
Eurodollar (ED) - Condor [Mo. 10] (EURODOLLAR FUTURES)								
ED	Spec		Increase	USD	11	10	22	20
ED	Hedge/Member		Increase	USD	10	10	20	20
Eurodollar (ED) - Condor [Mo. 11] (EURODOLLAR FUTURES)								
ED	Spec		Increase	USD	11	10	39	35
ED	Hedge/Member		Increase	USD	10	10	35	35
Eurodollar (ED) - Condor [Mo. 15] (EURODOLLAR FUTURES)								
ED	Spec		Increase	USD	11	10	28	25
ED	Hedge/Member		Increase	USD	10	10	25	25
Eurodollar (ED) - Double Condor (Mo.09) (EURODOLLAR FUTURES)								
ED	Spec		Increase	USD	11	10	17	15
ED	Hedge/Member		Increase	USD	10	10	15	15
Eurodollar (ED) - Double Condor (Mo.10) (EURODOLLAR FUTURES)								
ED	Spec		Increase	USD	11	10	17	15
ED	Hedge/Member		Increase	USD	10	10	15	15
Eurodollar (ED) - Double Condor (Mo.11) (EURODOLLAR FUTURES)								
ED	Spec		Increase	USD	11	10	17	15
ED	Hedge/Member		Increase	USD	10	10	15	15
Eurodollar (ED) - Double Condor (Mo.12) (EURODOLLAR FUTURES)								
ED	Spec		Increase	USD	11	10	17	15
ED	Hedge/Member		Increase	USD	10	10	15	15
NATURAL GAS - Intra Spreads								
Texas Eastern Zone M-3 Basis Swap - All Months (TEXAS EASTERN ZONE M-3 BASIS FUT)								
NX	Spec		Increase	USD	1,210	1,100	1,540	1,400
NX	Hedge/Member		Increase	USD	1,100	1,100	1,400	1,400

SPAN MINIMUM PERFORMANCE BOND REQUIREMENTS

CC	Rate Type	Description	Change	ISO	Current Initial	Current Maintenance	New Initial	New Maintenance
Intra Spreads								
REFINED PRODUCTS - Intra Spreads								
(SINGAPORE MOGAS 95 FUT)								
V0	Spec		Increase	USD	1,100	1,000	1,210	1,100
V0	Hedge/Member		Increase	USD	1,000	1,000	1,100	1,100
NY Harbor RBOB Gasoline (RB, RT, RL, 27) - Tier 4 vs. Tier 5 (E-MINI GASOLINE FUTURES)								
QU	Spec		Increase	USD	660	600	743	675
QU	Hedge/Member		Increase	USD	600	600	675	675
NY Harbor RBOB Gasoline (RB, RT, RL, 27) - Tier 4 vs. Tier 5 (RBOB CALENDAR FUT)								
RL	Spec		Increase	USD	1,320	1,200	1,485	1,350
RL	Hedge/Member		Increase	USD	1,200	1,200	1,350	1,350
NY Harbor RBOB Gasoline (RB, RT, RL, 27) - Tier 4 vs. Tier 5 (RBOB GASOLINE FINANCIAL FUTURES)								
RT	Spec		Increase	USD	1,320	1,200	1,485	1,350
RT	Hedge/Member		Increase	USD	1,200	1,200	1,350	1,350
NY Harbor RBOB Gasoline (RB, RT, RL, 27) - Tier 4 vs. Tier 5 (RBOB GASOLINE FUTURES)								
RB	Spec		Increase	USD	1,320	1,200	1,485	1,350
RB	Hedge/Member		Increase	USD	1,200	1,200	1,350	1,350
NY Harbor RBOB Gasoline (RB, RT, RL, 27) - Tier 4 vs. Tier 5 (RBOB GASOLINE TAM LONDON)								
RBL	Spec		Increase	USD	1,320	1,200	1,485	1,350
RBL	Hedge/Member		Increase	USD	1,200	1,200	1,350	1,350
NY Harbor RBOB Gasoline (RB, RT, RL, 27) - Tier 4 vs. Tier 5 (RBOB GASOLINE TAM PLATTS PR)								
RBS	Spec		Increase	USD	1,320	1,200	1,485	1,350
RBS	Hedge/Member		Increase	USD	1,200	1,200	1,350	1,350
NY Harbor RBOB Gasoline (RB, RT, RL, 27) - Tier 4 vs. Tier 5 (RBOB GASOLINE TAM PLATTS PRICE)								
4RB	Spec		Increase	USD	1,320	1,200	1,485	1,350
4RB	Hedge/Member		Increase	USD	1,200	1,200	1,350	1,350
NY Harbor RBOB Gasoline (RB, RT, RL, 27) - Tier 4 vs. Tier 5 (RBOB GASOLINE TAM PLATTS PRICING)								
3RB	Spec		Increase	USD	1,320	1,200	1,485	1,350
3RB	Hedge/Member		Increase	USD	1,200	1,200	1,350	1,350
NY Harbor RBOB Gasoline (RB, RT, RL, 27) - Tier 4 vs. Tier 5 (RBOB LAST DAY FINANCIAL FUTURES)								
27	Spec		Increase	USD	1,320	1,200	1,485	1,350
27	Hedge/Member		Increase	USD	1,200	1,200	1,350	1,350
NY Harbor RBOB Gasoline (RB, RT, RL, 27) - Tier 4 vs. Tier 5 (RBOB PLATTS 3:15 TRADABLE MARKER)								
RBP	Spec		Increase	USD	1,320	1,200	1,485	1,350
RBP	Hedge/Member		Increase	USD	1,200	1,200	1,350	1,350

SPAN MINIMUM PERFORMANCE BOND REQUIREMENTS

CC	Rate Type	Description	Change	ISO	Current Initial	Current Maintenance	New Initial	New Maintenance
Intra Spreads								
NY Harbor RBOB Gasoline (RB, RT, RL, 27) - Tier 4 vs. Tier 5 (RBOB TRADE AT SETTLEMENT)								
RBT	Spec		Increase	USD	1,320	1,200	1,485	1,350
RBT	Hedge/Member		Increase	USD	1,200	1,200	1,350	1,350
NY Harbor RBOB Gasoline (RB, RT, RL, 27) - Tier 4 vs. Tier 5 (SYNRBOB LAST DAY FINANCIAL FUT)								
S27	Spec		Increase	USD	1,320	1,200	1,485	1,350
S27	Hedge/Member		Increase	USD	1,200	1,200	1,350	1,350

SPAN MINIMUM PERFORMANCE BOND REQUIREMENTS

Rate Type	Change	Ratio	Current Initial	Current Maintenance	New Initial	New Maintenance
Inter-commodity Spread Rates						
AGRICULTURE - Inter-commodity Spread Rates						
CORN (C - CME) vs CHICAGO ETHANOL (PLATTS) SWAP FUTURES (NY-CU - CME)						
Spread Credit Rate	Increase	+4:-1	20%	20%	50%	50%
CORN (C - CME) vs NY ETHANOL (PLATTS) SWAP FUTURES (NY-EZ - CME)						
Spread Credit Rate	Increase	+4:-1	20%	20%	50%	50%
ETHANOL - Inter-commodity Spread Rates						
CORN (C - CME) vs CHICAGO ETHANOL (PLATTS) SWAP FUTURES (NY-CU - CME)						
Spread Credit Rate	Increase	+4:-1	20%	20%	50%	50%
CORN (C - CME) vs NY ETHANOL (PLATTS) SWAP FUTURES (NY-EZ - CME)						
Spread Credit Rate	Increase	+4:-1	20%	20%	50%	50%
ETHANOL (EH - CME) vs NY ETHANOL (PLATTS) SWAP FUTURES (NY-EZ - CME)						
Spread Credit Rate	Increase	+3:-2	60%	60%	75%	75%
ETHANOL (PLATTS) T2 FOB RDAM INCLUDING DUTY SWAP FUTURES (NY-Z1 - CME) vs CHICAGO ETHANOL (PLATTS) SWAP FUTURES (NY-CU - CME)						
Spread Credit Rate	Increase	+1:-1	0%	0%	20%	20%
ETHANOL (PLATTS) T2 FOB RDAM INCLUDING DUTY SWAP FUTURES (NY-Z1 - CME) vs CLEARED OTC ETHANOL FORWARD MONTH SWAP (71 - CME)						
Spread Credit Rate	New	+1:-1			25%	25%
NY ETHANOL (PLATTS) SWAP FUTURES (NY-EZ - CME) vs CLEARED OTC ETHANOL FORWARD MONTH SWAP (71 - CME)						
Spread Credit Rate	New	+1:-1			20%	20%

SPAN MINIMUM PERFORMANCE BOND REQUIREMENTS

Rate Type	Change	Ratio	Current Initial	Current Maintenance	New Initial	New Maintenance
Inter-commodity Spread Rates						
INTEREST RATES - Inter-commodity Spread Rates						
10 Year Treasury Note (21) vs. Eurodollar (ED) Tier 02						
Spread Credit Rate	Increase	+2:-5	30%	30%	40%	40%
2 Year Treasury Note (26) vs. Eurodollar (ED) Tier 02						
Spread Credit Rate	Increase	+2:-3	50%	50%	55%	55%
5 Year Note (25) vs. Eurodollar (ED) Tier 02						
Spread Credit Rate	Increase	+2:-1	30%	30%	40%	40%
EURODOLLAR (ED - CME) Contracts 13-16 vs 30 YEAR INTEREST RATE SWAP DELIVERABLE FUTURE (B1U - CME)						
Spread Credit Rate	Increase	+4:-1	40%	40%	45%	45%
EURODOLLAR (ED - CME) Contracts 17-20 vs 30 YEAR INTEREST RATE SWAP DELIVERABLE FUTURE (B1U - CME)						
Spread Credit Rate	Increase	+4:-1	40%	40%	45%	45%
EURODOLLAR (ED - CME) Contracts 21-24 vs 30 YEAR INTEREST RATE SWAP DELIVERABLE FUTURE (B1U - CME)						
Spread Credit Rate	Increase	+4:-1	40%	40%	45%	45%
EURODOLLAR (ED - CME) Contracts 25-28 vs 30 YEAR INTEREST RATE SWAP DELIVERABLE FUTURE (B1U - CME)						
Spread Credit Rate	Increase	+4:-1	40%	40%	45%	45%
EURODOLLAR (ED - CME) Contracts 29-32 vs 30 YEAR INTEREST RATE SWAP DELIVERABLE FUTURE (B1U - CME)						
Spread Credit Rate	Increase	+4:-1	40%	40%	45%	45%
EURODOLLAR (ED - CME) Contracts 33-36 vs 30 YEAR INTEREST RATE SWAP DELIVERABLE FUTURE (B1U - CME)						
Spread Credit Rate	Increase	+4:-1	40%	40%	45%	45%
EURODOLLAR (ED - CME) Contracts 37-40 vs 30 YEAR INTEREST RATE SWAP DELIVERABLE FUTURE (B1U - CME)						
Spread Credit Rate	Increase	+4:-1	40%	40%	45%	45%
EURODOLLAR (ED - CME) Contracts 41-44 vs 30 YEAR INTEREST RATE SWAP DELIVERABLE FUTURE (B1U - CME)						
Spread Credit Rate	Increase	+4:-1	40%	40%	45%	45%
EURODOLLAR (ED - CME) Contracts 5-8 vs 10 YEAR INTEREST RATE SWAP DELIVERABLE FUTURE (N1U - CME)						
Spread Credit Rate	Increase	+5:-2	35%	35%	40%	40%
EURODOLLAR (ED - CME) Contracts 5-8 vs 2 YEAR INTEREST RATE SWAP DELIVERABLE FUTURE (T1U - CME)						
Spread Credit Rate	Increase	+10:-7	50%	50%	55%	55%
EURODOLLAR (ED - CME) Contracts 5-8 vs 5 YEAR INTEREST RATE SWAP DELIVERABLE FUTURE (F1U - CME)						
Spread Credit Rate	Increase	+5:-3	40%	40%	45%	45%
Eurodollar (ED) Tier 1 vs. LIBOR (1-Month) (EM)						
Spread Credit Rate	Decrease	+1:-1	65%	65%	50%	50%
Eurodollar (ED) Tier 4 vs. LIBOR (1-Month) (EM)						
Spread Credit Rate	Decrease	+1:-1	45%	45%	30%	30%

SPAN MINIMUM PERFORMANCE BOND REQUIREMENTS

Rate Type	Change	Ratio	Current Initial	Current Maintenance	New Initial	New Maintenance
Inter-commodity Spread Rates						
Fed Funds (CBOT) (41) Tier 2 [contracts 2-4] vs. Eurodollar (ED) Tier 2 [contracts 5-8]						
Spread Credit Rate	Decrease	+3:-5	50%	50%	45%	45%
Fed Funds (CBOT) (41) Tier 3 [contracts 5-12] vs. Eurodollar (ED) Tier 1 [contracts 1-4]						
Spread Credit Rate	Increase	+3:-5	50%	50%	55%	55%
Fed Funds (CBOT) (41) Tier 3 [contracts 5-12] vs. Eurodollar (ED) Tier 2 [contracts 5-8]						
Spread Credit Rate	Increase	+3:-5	50%	50%	55%	55%
Fed Funds (CBOT) (41) Tier 4 [contracts 13-24] vs Eurodollar (ED) Tier 1 [contracts 1-4]						
Spread Credit Rate	Decrease	+3:-5	50%	50%	40%	40%
Fed Funds (CBOT) (41) Tier 4 [contracts 13-24] vs Eurodollar (ED) Tier 2 [contracts 5-8]						
Spread Credit Rate	Increase	+3:-5	50%	50%	55%	55%
Fed Funds (CBOT) (41) Tier 4 [contracts 13-24] vs Eurodollar (ED) Tier 3 [contracts 9-12]						
Spread Credit Rate	Increase	+3:-5	50%	50%	55%	55%
Fed Funds (CBOT) (41) Tier 4 [contracts 13-24] vs Eurodollar (ED) Tier 7 [contracts 25-28]						
Spread Credit Rate	Increase	+3:-5	0%	0%	30%	30%
Fed Funds (CBOT) (41) Tier 5 [contracts 25+] vs Eurodollar (ED) Tier 2 [contracts 5-8]						
Spread Credit Rate	Increase	+3:-5	0%	0%	30%	30%
Fed Funds (CBOT) (41) Tier 5 [contracts 25+] vs Eurodollar (ED) Tier 3 [contracts 9-12]						
Spread Credit Rate	Increase	+3:-5	0%	0%	35%	35%
Fed Funds (CBOT) (41) Tier 5 [contracts 25+] vs Eurodollar (ED) Tier 7 [contracts 25-28]						
Spread Credit Rate	Increase	+3:-5	30%	30%	35%	35%
U.S. TREASURY BOND (17 - CME) vs EURODOLLAR (ED - CME) TIER 04						
Spread Credit Rate	Increase	+1:-5	50%	50%	55%	55%
U.S. TREASURY BOND (17 - CME) vs EURODOLLAR (ED - CME) TIER 05						
Spread Credit Rate	Increase	+1:-5	60%	60%	65%	65%

SPAN MINIMUM PERFORMANCE BOND REQUIREMENTS

Rate Type	Tier Description	Change	Current Initial	Current Maintenance	New Initial	New Maintenance
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Volatility Scan (volScan) Rate

INTEREST RATES - Volatility Scan (volScan) Rate

EURODOLLAR (E2W, E3W, E5, ED, ED, EED, ET, TF) - volScan

Clearing Member Rate	Tier 01 [contr	Increase		0.00125		0.001375
Clearing Member Rate	Tier 02 [contr	Increase		0.00125		0.001375
Clearing Member Rate	Tier 03 [contr	Increase		0.00125		0.001375

FED FUNDS (41, 41) - volScan

Clearing Member Rate	Month 1	Increase		0.000550		0.000625
Clearing Member Rate	Months 2-4	Increase		0.000550		0.000625
Clearing Member Rate	Months 5-10	Increase		0.000550		0.000625
Clearing Member Rate	Months 11-15	Increase		0.000550		0.000625
Clearing Member Rate	Months 16+	Increase		0.000550		0.000625