



Advisory Notice

Clearing House

09-379

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

FROM: CME Clearing

SUBJECT: Performance Bond Requirements

DATE: Monday, August 31, 2009

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 **Tuesday, September 1, 2009.**

Current rates as of:

Monday, August 31, 2009.

SPAN MINIMUM PERFORMANCE BOND REQUIREMENTS

CC	Rate Type	Description	Change	ISO	Current Initial	Current Maintenance	New Initial	New Maintenance
Outright Rates								
NYMEX NATURAL GAS PRODUCTS - Outright Rates								
ALGONQUIN CITYGATES BASIS (B4)								
B4	Spec		Decrease	USD	1,250	1,000	875	700
B4	Hedge/Member		Decrease	USD	1,000	1,000	700	700
ANR OKLAHOMA (NE)								
NE	Spec	Tier 1	Decrease	USD	1,125	900	938	750
NE	Hedge/Member	Tier 1	Decrease	USD	900	900	750	750
NE	Spec	Tier 2	Decrease	USD	875	700	625	500
NE	Hedge/Member	Tier 2	Decrease	USD	700	700	500	500
NE	Spec	Tier 3	Decrease	USD	875	700	625	500
NE	Hedge/Member	Tier 3	Decrease	USD	700	700	500	500
CENTERPOINT BASIS SWAP (PW)								
PW	Spec	Tier 1	Decrease	USD	1,350	1,000	1,080	800
PW	Hedge/Member	Tier 1	Decrease	USD	1,000	1,000	800	800
PW	Spec	Tier 2	Decrease	USD	1,013	750	810	600
PW	Hedge/Member	Tier 2	Decrease	USD	750	750	600	600
CENTERPOINT EAST INDEX (II)								
II	Spec	Tier 1	Decrease	USD	2,875	2,300	1,875	1,500
II	Hedge/Member	Tier 1	Decrease	USD	2,300	2,300	1,500	1,500
CIG BASIS (CI)								
CI	Spec	Tier 1	Decrease	USD	1,625	1,300	1,250	1,000
CI	Hedge/Member	Tier 1	Decrease	USD	1,300	1,300	1,000	1,000
CI	Spec	Tier 2	Decrease	USD	1,250	1,000	938	750
CI	Hedge/Member	Tier 2	Decrease	USD	1,000	1,000	750	750
CI	Spec	Tier 3	Decrease	USD	1,250	1,000	938	750
CI	Hedge/Member	Tier 3	Decrease	USD	1,000	1,000	750	750
CI	Spec	Tier 4	Decrease	USD	1,250	1,000	938	750
CI	Hedge/Member	Tier 4	Decrease	USD	1,000	1,000	750	750
CI	Spec	Tier 5	Decrease	USD	1,250	1,000	938	750
CI	Hedge/Member	Tier 5	Decrease	USD	1,000	1,000	750	750
COLUMB GULF MAINLINE NG BASIS (5Z)								
5Z	Spec	Tier 2	Increase	USD	125	100	188	150
5Z	Hedge/Member	Tier 2	Increase	USD	100	100	150	150
DAWN BASIS SWAP FUTURE (DW)								
DW	Spec	Tier 1	Decrease	USD	1,000	800	250	200
DW	Hedge/Member	Tier 1	Decrease	USD	800	800	200	200
DW	Spec	Tier 2	Decrease	USD	375	300	250	200
DW	Hedge/Member	Tier 2	Decrease	USD	300	300	200	200

SPAN MINIMUM PERFORMANCE BOND REQUIREMENTS

CC	Rate Type	Description	Change	ISO	Current Initial	Current Maintenance	New Initial	New Maintenance
Outright Rates								
DOMINION TRANSMISSION INC. -APPALAC (PG)								
PG	Spec	Tier 2	Increase	USD	250	200	375	300
PG	Hedge/Member	Tier 2	Increase	USD	200	200	300	300
EL PASO, PERMIAN INDEX SWAP (IL)								
IL	Spec	Tier 3	Decrease	USD	250	200	125	100
IL	Hedge/Member	Tier 3	Decrease	USD	200	200	100	100
FL GAS ZONE 3 NAT GAS INDEX SWAP (Q9)								
Q9	Spec		Decrease	USD	2,500	2,000	1,500	1,200
Q9	Hedge/Member		Decrease	USD	2,000	2,000	1,200	1,200
FLORIDA GAS ZONE3 BASIS SWAP (FP)								
FP	Spec	Tier 3	Increase	USD	63	50	125	100
FP	Hedge/Member	Tier 3	Increase	USD	50	50	100	100
HENRY HUB SWING FUTURE (SN)								
SN	Spec		Decrease	USD	2,188	1,750	1,875	1,500
SN	Hedge/Member		Decrease	USD	1,750	1,750	1,500	1,500
HOUSTON SHIP CHANNEL BASIS SWAP (NH)								
NH	Spec	Tier 1	Decrease	USD	675	500	405	300
NH	Hedge/Member	Tier 1	Decrease	USD	500	500	300	300
KERN RIVER OPAL PLANT SWING SWAP (SR)								
SR	Spec		Decrease	USD	5,000	4,000	3,750	3,000
SR	Hedge/Member		Decrease	USD	4,000	4,000	3,000	3,000
MALIN (PB)								
PB	Spec	Tier 1	Decrease	USD	938	750	625	500
PB	Hedge/Member	Tier 1	Decrease	USD	750	750	500	500
PB	Spec	Tier 2	Decrease	USD	813	650	625	500
PB	Hedge/Member	Tier 2	Decrease	USD	650	650	500	500
PB	Spec	Tier 3	Decrease	USD	688	550	438	350
PB	Hedge/Member	Tier 3	Decrease	USD	550	550	350	350
MICHIGAN BASIS (NF)								
NF	Spec	Tier 1	Decrease	USD	405	300	270	200
NF	Hedge/Member	Tier 1	Decrease	USD	300	300	200	200

SPAN MINIMUM PERFORMANCE BOND REQUIREMENTS

CC	Rate Type	Description	Change	ISO	Current Initial	Current Maintenance	New Initial	New Maintenance
Outright Rates								
NATURAL GAS PIPELINE TEXOK BASIS SW (PD)								
PD	Spec	Tier 1	Decrease	USD	675	500	473	350
PD	Hedge/Member	Tier 1	Decrease	USD	500	500	350	350
PD	Spec	Tier 2	Decrease	USD	338	250	270	200
PD	Hedge/Member	Tier 2	Decrease	USD	250	250	200	200
PD	Spec	Tier 3	Decrease	USD	338	250	270	200
PD	Hedge/Member	Tier 3	Decrease	USD	250	250	200	200
PD	Spec	Tier 4	Decrease	USD	405	300	270	200
PD	Hedge/Member	Tier 4	Decrease	USD	300	300	200	200
NGPL MIDCONTINENT BASIS SWAP (NL)								
NL	Spec	Tier 1	Decrease	USD	1,350	1,000	1,013	750
NL	Hedge/Member	Tier 1	Decrease	USD	1,000	1,000	750	750
NL	Spec	Tier 2	Decrease	USD	810	600	540	400
NL	Hedge/Member	Tier 2	Decrease	USD	600	600	400	400
NL	Spec	Tier 3	Decrease	USD	540	400	405	300
NL	Hedge/Member	Tier 3	Decrease	USD	400	400	300	300
NL	Spec	Tier 4	Decrease	USD	405	300	270	200
NL	Hedge/Member	Tier 4	Decrease	USD	300	300	200	200
NGPL STX BASIS (T5)								
T5	Spec		Decrease	USD	375	300	250	200
T5	Hedge/Member		Decrease	USD	300	300	200	200
NORTHERN NATURAL GAS DEMAR BASIS SW (PE)								
PE	Spec	Tier 1	Decrease	USD	1,250	1,000	938	750
PE	Hedge/Member	Tier 1	Decrease	USD	1,000	1,000	750	750
PE	Spec	Tier 2	Decrease	USD	750	600	375	300
PE	Hedge/Member	Tier 2	Decrease	USD	600	600	300	300
PE	Spec	Tier 3	Decrease	USD	500	400	375	300
PE	Hedge/Member	Tier 3	Decrease	USD	400	400	300	300
NORTHWEST PIPELINE BASIS SWAP (NR)								
NR	Spec	Tier 1	Decrease	USD	2,430	1,800	1,350	1,000
NR	Hedge/Member	Tier 1	Decrease	USD	1,800	1,800	1,000	1,000
NR	Spec	Tier 2	Decrease	USD	1,755	1,300	1,013	750
NR	Hedge/Member	Tier 2	Decrease	USD	1,300	1,300	750	750
NR	Spec	Tier 3	Decrease	USD	1,755	1,300	1,013	750
NR	Hedge/Member	Tier 3	Decrease	USD	1,300	1,300	750	750
NR	Spec	Tier 4	Decrease	USD	1,755	1,300	1,013	750
NR	Hedge/Member	Tier 4	Decrease	USD	1,300	1,300	750	750
NR	Spec	Tier 5	Decrease	USD	1,755	1,300	1,013	750
NR	Hedge/Member	Tier 5	Decrease	USD	1,300	1,300	750	750

SPAN MINIMUM PERFORMANCE BOND REQUIREMENTS

CC	Rate Type	Description	Change	ISO	Current Initial	Current Maintenance	New Initial	New Maintenance
Outright Rates								
ONEOK OKLAHOMA NG BASIS (8X)								
8X	Spec	Tier 1	Decrease	USD	1,625	1,300	1,250	1,000
8X	Hedge/Member	Tier 1	Decrease	USD	1,300	1,300	1,000	1,000
8X	Spec	Tier 2	Decrease	USD	1,250	1,000	938	750
8X	Hedge/Member	Tier 2	Decrease	USD	1,000	1,000	750	750
PANHANDLE BASIS SWAP (PH)								
PH	Spec	Tier 1	Decrease	USD	1,350	1,000	1,013	750
PH	Hedge/Member	Tier 1	Decrease	USD	1,000	1,000	750	750
PH	Spec	Tier 2	Decrease	USD	810	600	540	400
PH	Hedge/Member	Tier 2	Decrease	USD	600	600	400	400
PH	Spec	Tier 3	Decrease	USD	540	400	405	300
PH	Hedge/Member	Tier 3	Decrease	USD	400	400	300	300
PANHANDLE INDEX SWAP FUTURE (IV)								
IV	Spec	Tier 1	Decrease	USD	2,875	2,300	2,188	1,750
IV	Hedge/Member	Tier 1	Decrease	USD	2,300	2,300	1,750	1,750
IV	Spec	Tier 2	Increase	USD	250	200	500	400
IV	Hedge/Member	Tier 2	Increase	USD	200	200	400	400
IV	Spec	Tier 3	Increase	USD	125	100	375	300
IV	Hedge/Member	Tier 3	Increase	USD	100	100	300	300
PERMIAN BASIS SWAP (PM)								
PM	Spec	Tier 2	Decrease	USD	810	600	540	400
PM	Hedge/Member	Tier 2	Decrease	USD	600	600	400	400
PM	Spec	Tier 3	Decrease	USD	675	500	540	400
PM	Hedge/Member	Tier 3	Decrease	USD	500	500	400	400
PM	Spec	Tier 4	Decrease	USD	405	300	270	200
PM	Hedge/Member	Tier 4	Decrease	USD	300	300	200	200
PM	Spec	Tier 5	Decrease	USD	338	250	270	200
PM	Hedge/Member	Tier 5	Decrease	USD	250	250	200	200
PG&E CITYGATE INDEX (IK)								
IK	Spec	Tier 2	Decrease	USD	500	400	125	100
IK	Hedge/Member	Tier 2	Decrease	USD	400	400	100	100
PGE&E CITYGATE (PC)								
PC	Spec	Tier 1	Decrease	USD	875	700	625	500
PC	Hedge/Member	Tier 1	Decrease	USD	700	700	500	500
PC	Spec	Tier 2	Decrease	USD	500	400	375	300
PC	Hedge/Member	Tier 2	Decrease	USD	400	400	300	300
ROCKIES KERN OPAL - NW INDEX (IR)								
IR	Spec	Tier 1	Decrease	USD	3,125	2,500	2,188	1,750
IR	Hedge/Member	Tier 1	Decrease	USD	2,500	2,500	1,750	1,750

SPAN MINIMUM PERFORMANCE BOND REQUIREMENTS

CC	Rate Type	Description	Change	ISO	Current Initial	Current Maintenance	New Initial	New Maintenance
Outright Rates								
SAN JUAN BASIS SWAP (NJ)								
NJ	Spec	Tier 1	Decrease	USD	1,250	1,000	1,000	800
NJ	Hedge/Member	Tier 1	Decrease	USD	1,000	1,000	800	800
NJ	Spec	Tier 2	Decrease	USD	750	600	500	400
NJ	Hedge/Member	Tier 2	Decrease	USD	600	600	400	400
SAN JUAN SWING SWAP (SJ)								
SJ	Spec		Decrease	USD	3,125	2,500	2,500	2,000
SJ	Hedge/Member		Decrease	USD	2,500	2,500	2,000	2,000
SOCAL BASIS SWAP (NS)								
NS	Spec	Tier 1	Decrease	USD	1,080	800	810	600
NS	Hedge/Member	Tier 1	Decrease	USD	800	800	600	600
NS	Spec	Tier 2	Decrease	USD	810	600	675	500
NS	Hedge/Member	Tier 2	Decrease	USD	600	600	500	500
NS	Spec	Tier 3	Decrease	USD	540	400	405	300
NS	Hedge/Member	Tier 3	Decrease	USD	400	400	300	300
SONAT BASIS SWAP FUTURE (SZ)								
SZ	Spec	Tier 2	Increase	USD	94	75	250	200
SZ	Hedge/Member	Tier 2	Increase	USD	75	75	200	200
SZ	Spec	Tier 3	Increase	USD	94	75	250	200
SZ	Hedge/Member	Tier 3	Increase	USD	75	75	200	200
SOUTH STAR TEX OKLHM KNS NG B (8Z)								
8Z	Spec	Tier 1	Decrease	USD	1,625	1,300	1,250	1,000
8Z	Hedge/Member	Tier 1	Decrease	USD	1,300	1,300	1,000	1,000
8Z	Spec	Tier 2	Decrease	USD	1,250	1,000	938	750
8Z	Hedge/Member	Tier 2	Decrease	USD	1,000	1,000	750	750
Sumas Basis Swap (NK)								
NK	Spec	Tier 1	Decrease	USD	1,000	800	750	600
NK	Hedge/Member	Tier 1	Decrease	USD	800	800	600	600
NK	Spec	Tier 2	Decrease	USD	875	700	625	500
NK	Hedge/Member	Tier 2	Decrease	USD	700	700	500	500
SUMAS INDEX (IU)								
IU	Spec	Tier 1	Decrease	USD	3,750	3,000	2,500	2,000
IU	Hedge/Member	Tier 1	Decrease	USD	3,000	3,000	2,000	2,000
SUMAS SWING SWAP FUTURE (SU)								
SU	Spec		Decrease	USD	8,125	6,500	5,000	4,000
SU	Hedge/Member		Decrease	USD	6,500	6,500	4,000	4,000

SPAN MINIMUM PERFORMANCE BOND REQUIREMENTS

CC	Rate Type	Description	Change	ISO	Current Initial	Current Maintenance	New Initial	New Maintenance
Outright Rates								
TCO BASIS SWAP (TC)								
TC	Spec	Tier 2	Increase	USD	156	125	250	200
TC	Hedge/Member	Tier 2	Increase	USD	125	125	200	200
Tetco ELA Basis (TE)								
TE	Spec	Tier 1	Increase	USD	188	150	250	200
TE	Hedge/Member	Tier 1	Increase	USD	150	150	200	200
TE	Spec	Tier 2	Increase	USD	125	100	250	200
TE	Hedge/Member	Tier 2	Increase	USD	100	100	200	200
TETCO M-3 INDEX (IX)								
IX	Spec	Tier 1	Decrease	USD	7,500	6,000	4,375	3,500
IX	Hedge/Member	Tier 1	Decrease	USD	6,000	6,000	3,500	3,500
TEXAS GAS ZONE SL BASIS SWAP (TB)								
TB	Spec	Tier 1	Decrease	USD	375	300	250	200
TB	Hedge/Member	Tier 1	Decrease	USD	300	300	200	200
TEXAS GAS ZONE1 NG BASIS (9F)								
9F	Spec	Tier 1	Decrease	USD	375	300	250	200
9F	Hedge/Member	Tier 1	Decrease	USD	300	300	200	200
TRANSCO ZONE 3 NG INDEX SWP (Y6)								
Y6	Spec	Tier 2	Decrease	USD	625	500	125	100
Y6	Hedge/Member	Tier 2	Decrease	USD	500	500	100	100
TRANSCO ZONE4 BASIS SWAP (TR)								
TR	Spec	Tier 2	Decrease	USD	188	150	156	125
TR	Hedge/Member	Tier 2	Decrease	USD	150	150	125	125
TR	Spec	Tier 3	Decrease	USD	188	150	156	125
TR	Hedge/Member	Tier 3	Decrease	USD	150	150	125	125
TRUNKLINE, LA BASIS SWAP (NU)								
NU	Spec	Tier 1	Increase	USD	94	75	188	150
NU	Hedge/Member	Tier 1	Increase	USD	75	75	150	150
NU	Spec	Tier 2	Increase	USD	125	100	188	150
NU	Hedge/Member	Tier 2	Increase	USD	100	100	150	150
VENTURA BASIS SWAP (PF)								
PF	Spec	Tier 1	Decrease	USD	945	700	540	400
PF	Hedge/Member	Tier 1	Decrease	USD	700	700	400	400
PF	Spec	Tier 2	Decrease	USD	743	550	540	400
PF	Hedge/Member	Tier 2	Decrease	USD	550	550	400	400
PF	Spec	Tier 3	Decrease	USD	540	400	338	250
PF	Hedge/Member	Tier 3	Decrease	USD	400	400	250	250

SPAN MINIMUM PERFORMANCE BOND REQUIREMENTS

CC	Rate Type	Description	Change	ISO	Current Initial	Current Maintenance	New Initial	New Maintenance
Outright Rates								
WAHA TEXAS BASIS SWAP (NW)								
NW	Spec	Tier 4	Decrease	USD	405	300	270	200
NW	Hedge/Member	Tier 4	Decrease	USD	300	300	200	200

SPAN MINIMUM PERFORMANCE BOND REQUIREMENTS

Rate Type	Change	Ratio	Current Initial	Current Maintenance	New Initial	New Maintenance
Inter-commodity Spread Rates						
NYMEX CRUDE PRODUCTS - Inter-commodity Spread Rates						
BRENT LAST DAY CONTRACT (NYM-BZ - CME) vs EUROPEAN GASOIL BULLET SWAP (NYM-BG - CME)						
Spread Credit Rate	Increase	+15:-2	50%	50%	75%	75%
BRENT LAST DAY CONTRACT (NYM-BZ - CME) vs EUROPEAN SINGAPORE FUEL OIL 180CST CALENDAR SWAP (NYM-UA - CME)						
Spread Credit Rate	Decrease	+33:-5	75%	75%	65%	65%
BRENT LAST DAY CONTRACT (NYM-BZ - CME) vs HEATING OIL FINANCIAL FUTURES (NYM-HO - CME)						
Spread Credit Rate	Decrease	+1:-1	80%	80%	70%	70%
BRENT LAST DAY CONTRACT (NYM-BZ - CME) vs NEW YORK HARBOR HEATING OIL CALENDAR SWAP (NYM-MP - CME)						
Spread Credit Rate	New	+1:-1			70%	70%
BRENT LAST DAY CONTRACT (NYM-BZ - CME) vs NY HARBOR RBOB GASOLINE (NYM-RB - CME)						
Spread Credit Rate	Decrease	+1:-1	85%	85%	70%	70%
BRENT LAST DAY CONTRACT (NYM-BZ - CME) vs RUSSIAN EXPORT BLEND CRUDE OIL (REBCO) (NYM-RE - CME)						
Spread Credit Rate	Increase	+1:-1	75%	75%	85%	85%
BRENT LAST DAY CONTRACT (NYM-BZ - CME) vs RUSSIAN EXPORT BLEND CRUDE OIL (REBCO) FINANCIAL F (NYM-R2 - CME)						
Spread Credit Rate	Increase	+1:-1	70%	70%	85%	85%
BRENT LAST DAY CONTRACT (NYM-BZ - CME) vs SINGAPORE JET KEROSENE SWAP (NYM-KS - CME)						
Spread Credit Rate	Decrease	+1:-1	65%	65%	55%	55%
DATED BRENT (PLATTS) DAILY SWAP (NYM-7G - CME) vs SINGAPORE NAPHTHA SWAP (NYM-SP - CME)						
Spread Credit Rate	New	+1:-1			50%	50%
DUBAI CRUDE OIL CALENDAR SWAP (NYM-DC - CME) vs DATED BRENT CRUDE OIL CALENDAR SWAP (NYM-UB - CME)						
Spread Credit Rate	Increase	+1:-1	45%	45%	80%	80%
DUBAI CRUDE OIL CALENDAR SWAP (NYM-DC - CME) vs EUROPEAN SINGAPORE FUEL OIL 180CST CALENDAR SWAP (NYM-UA - CME)						
Spread Credit Rate	Decrease	+33:-5	75%	75%	60%	60%
DUBAI CRUDE OIL CALENDAR SWAP (NYM-DC - CME) vs LIGHT, SWEET CRUDE OIL FUTURES (NYM-CL - CME)						
Spread Credit Rate	Decrease	+1:-1	95%	95%	80%	80%
LIGHT, SWEET CRUDE OIL FUTURES (NYM-CL - CME) vs BRENT (ICE) CALENDAR SWAP (NYM-CY - CME)						
Spread Credit Rate	Decrease	+1:-1	95%	95%	90%	90%
LIGHT, SWEET CRUDE OIL FUTURES (NYM-CL - CME) vs BRENT LAST DAY CONTRACT (NYM-BZ - CME)						
Spread Credit Rate	Decrease	+1:-1	95%	95%	90%	90%
LIGHT, SWEET CRUDE OIL FUTURES (NYM-CL - CME) vs GULF COAST GASOLINE (NYM-LR - CME)						

SPAN MINIMUM PERFORMANCE BOND REQUIREMENTS

Rate Type	Change	Ratio	Current Initial	Current Maintenance	New Initial	New Maintenance
Inter-commodity Spread Rates						
Spread Credit Rate	Increase	+1:-1	65%	65%	75%	75%
LIGHT, SWEET CRUDE OIL FUTURES (NYM-CL - CME) vs GULF COAST ULTRA LOW SULFUR DIESEL (ULSD) (NYM-LU - CME)						
Spread Credit Rate	Increase	+1:-1	65%	65%	75%	75%
LIGHT, SWEET CRUDE OIL FUTURES (NYM-CL - CME) vs HEATING OIL FINANCIAL FUTURES (NYM-HO - CME)						
Spread Credit Rate	Increase	+1:-1	75%	75%	80%	80%
LIGHT, SWEET CRUDE OIL FUTURES (NYM-CL - CME) vs MONT BELVIEU ISOBUTANE (OPIS) SWAP (NYM-Y2 - CME)						
Spread Credit Rate	Decrease	+1:-1	70%	70%	50%	50%
LIGHT, SWEET CRUDE OIL FUTURES (NYM-CL - CME) vs MT BELVIEU PROPANE (OPIS) SWAP (NYM-PT - CME)						
Spread Credit Rate	Decrease	+1:-1	75%	75%	55%	55%
LIGHT, SWEET CRUDE OIL FUTURES (NYM-CL - CME) vs NEW YORK HARBOR ULTRA LOW SULFUR DIESEL (ULSD) (NYM-LH - CME)						
Spread Credit Rate	Increase	+1:-1	65%	65%	75%	75%
LIGHT, SWEET CRUDE OIL FUTURES (NYM-CL - CME) vs RUSSIAN EXPORT BLEND CRUDE OIL (REBCO) FINANCIAL F (NYM-R2 - CME)						
Spread Credit Rate	Increase	+1:-1	70%	70%	75%	75%
NYMEX CRUDE MINUTE MARKER DAILY SWAP (NYM-6C - CME) vs HEATING OIL FINANCIAL FUTURES (NYM-HO - CME)						
Spread Credit Rate	Increase	+1:-1	75%	75%	80%	80%
NYMEX CRUDE MINUTE MARKER DAILY SWAP (NYM-6C - CME) vs NY HARBOR RBOB GASOLINE (NYM-RB - CME)						
Spread Credit Rate	Decrease	+1:-1	85%	85%	75%	75%
NYMEX NATURAL GAS MINUTE MARKER DAILY SWAP (NYM-6H - CME) vs LIGHT, SWEET CRUDE OIL FUTURES (NYM-CL - CME)						
Spread Credit Rate	Increase	+1:-1	75%	75%	80%	80%
NYMEX RBOB MINUTE MARKER DAILY SWAP (NYM-6R - CME) vs LIGHT, SWEET CRUDE OIL FUTURES (NYM-CL - CME)						
Spread Credit Rate	Decrease	+1:-1	85%	85%	75%	75%

SPAN MINIMUM PERFORMANCE BOND REQUIREMENTS

Rate Type	Change	Ratio	Current Initial	Current Maintenance	New Initial	New Maintenance
Inter-commodity Spread Rates						
NYMEX PETROLEUM PRODUCTS - Inter-commodity Spread Rates						
BRENT LAST DAY CONTRACT (NYM-BZ - CME) vs EUROPEAN GASOIL BULLET SWAP (NYM-BG - CME)						
Spread Credit Rate	Increase	+15:-2	50%	50%	75%	75%
BRENT LAST DAY CONTRACT (NYM-BZ - CME) vs EUROPEAN SINGAPORE FUEL OIL 180CST CALENDAR SWAP (NYM-UA - CME)						
Spread Credit Rate	Decrease	+33:-5	75%	75%	65%	65%
BRENT LAST DAY CONTRACT (NYM-BZ - CME) vs HEATING OIL FINANCIAL FUTURES (NYM-HO - CME)						
Spread Credit Rate	Decrease	+1:-1	80%	80%	70%	70%
BRENT LAST DAY CONTRACT (NYM-BZ - CME) vs NEW YORK HARBOR HEATING OIL CALENDAR SWAP (NYM-MP - CME)						
Spread Credit Rate	New	+1:-1			70%	70%
BRENT LAST DAY CONTRACT (NYM-BZ - CME) vs NY HARBOR RBOB GASOLINE (NYM-RB - CME)						
Spread Credit Rate	Decrease	+1:-1	85%	85%	70%	70%
BRENT LAST DAY CONTRACT (NYM-BZ - CME) vs SINGAPORE JET KEROSENE SWAP (NYM-KS - CME)						
Spread Credit Rate	Decrease	+1:-1	65%	65%	55%	55%
DATED BRENT (PLATTS) DAILY SWAP (NYM-7G - CME) vs SINGAPORE NAPHTHA SWAP (NYM-SP - CME)						
Spread Credit Rate	New	+1:-1			50%	50%
DUBAI CRUDE OIL CALENDAR SWAP (NYM-DC - CME) vs EUROPEAN SINGAPORE FUEL OIL 180CST CALENDAR SWAP (NYM-UA - CME)						
Spread Credit Rate	Decrease	+33:-5	75%	75%	60%	60%
LIGHT, SWEET CRUDE OIL FUTURES (NYM-CL - CME) vs GULF COAST GASOLINE (NYM-LR - CME)						
Spread Credit Rate	Increase	+1:-1	65%	65%	75%	75%
LIGHT, SWEET CRUDE OIL FUTURES (NYM-CL - CME) vs GULF COAST ULTRA LOW SULFUR DIESEL (ULSD) (NYM-LU - CME)						
Spread Credit Rate	Increase	+1:-1	65%	65%	75%	75%
LIGHT, SWEET CRUDE OIL FUTURES (NYM-CL - CME) vs HEATING OIL FINANCIAL FUTURES (NYM-HO - CME)						
Spread Credit Rate	Increase	+1:-1	75%	75%	80%	80%
LIGHT, SWEET CRUDE OIL FUTURES (NYM-CL - CME) vs MONT BELVIEU ISOBUTANE (OPIS) SWAP (NYM-Y2 - CME)						
Spread Credit Rate	Decrease	+1:-1	70%	70%	50%	50%
LIGHT, SWEET CRUDE OIL FUTURES (NYM-CL - CME) vs MT BELVIEU PROPANE (OPIS) SWAP (NYM-PT - CME)						
Spread Credit Rate	Decrease	+1:-1	75%	75%	55%	55%
LIGHT, SWEET CRUDE OIL FUTURES (NYM-CL - CME) vs NEW YORK HARBOR ULTRA LOW SULFUR DIESEL (ULSD) (NYM-LH - CME)						
Spread Credit Rate	Increase	+1:-1	65%	65%	75%	75%

SPAN MINIMUM PERFORMANCE BOND REQUIREMENTS

Rate Type	Change	Ratio	Current Initial	Current Maintenance	New Initial	New Maintenance
Inter-commodity Spread Rates						
NYMEX CRUDE MINUTE MARKER DAILY SWAP (NYM-6C - CME) vs HEATING OIL FINANCIAL FUTURES (NYM-HO - CME)						
Spread Credit Rate	Increase	+1:-1	75%	75%	80%	80%
NYMEX CRUDE MINUTE MARKER DAILY SWAP (NYM-6C - CME) vs NY HARBOR RBOB GASOLINE (NYM-RB - CME)						
Spread Credit Rate	Decrease	+1:-1	85%	85%	75%	75%
NYMEX NATURAL GAS MINUTE MARKER DAILY SWAP (NYM-6H - CME) vs LIGHT, SWEET CRUDE OIL FUTURES (NYM-CL - CME)						
Spread Credit Rate	Increase	+1:-1	75%	75%	80%	80%
NYMEX RBOB MINUTE MARKER DAILY SWAP (NYM-6R - CME) vs LIGHT, SWEET CRUDE OIL FUTURES (NYM-CL - CME)						
Spread Credit Rate	Decrease	+1:-1	85%	85%	75%	75%