



A CME/Chicago Board of Trade/NYMEX Company

10-60

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

FROM: CME Clearing

SUBJECT: Performance Bond Requirements:

DATE: Thursday, February 11, 2010

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>

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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, February 12, 2010.

Current rates as of:

Thursday, February 11, 2010.

SPAN MINIMUM PERFORMANCE BOND REQUIREMENTS

CC	Rate Type	Description	Change	ISO	Current Initial	Current Maintenance	New Initial	New Maintenance
Outright Rates								
COMEX METALS - Outright Rates								
CLEARED OTC LONDON GOLD FWD (GB)								
GB	Spec		Increase	USD	6,075	4,500	6,747	4,998
GB	Hedge/Member		Increase	USD	4,500	4,500	4,998	4,998
COMEX 100 GOLD FUTURES (GC)								
GC	Spec		Increase	USD	5,403	4,002	6,747	4,998
GC	Hedge/Member		Increase	USD	4,002	4,002	4,998	4,998
COMEX 1000 GRAM GOLD FUTURES (QS)								
QS	Spec		Increase	USD	1,737	1,287	2,169	1,607
QS	Hedge/Member		Increase	USD	1,287	1,287	1,607	1,607
COMEX 5000 SILVER FUTURES (SI)								
SI	Spec		Increase	USD	6,075	4,500	6,750	5,000
SI	Hedge/Member		Increase	USD	4,500	4,500	5,000	5,000
COMEX MINY GOLD FUTURES (QO)								
QO	Spec		Increase	USD	2,701	2,001	3,374	2,499
QO	Hedge/Member		Increase	USD	2,001	2,001	2,499	2,499
COMEX MINY SILVER FUTURES (QI)								
QI	Spec		Increase	USD	3,038	2,250	3,375	2,500
QI	Hedge/Member		Increase	USD	2,250	2,250	2,500	2,500
E-MINI GOLD FUTURES (8Q)								
8Q	Spec		Increase	USD	1,783	1,321	2,227	1,649
8Q	Hedge/Member		Increase	USD	1,321	1,321	1,649	1,649
E-MINI SILVER FUTURES (6Q)								
6Q	Spec		Increase	USD	1,215	900	1,350	1,000
6Q	Hedge/Member		Increase	USD	900	900	1,000	1,000

SPAN MINIMUM PERFORMANCE BOND REQUIREMENTS

CC	Rate Type	Description	Change	ISO	Current Initial	Current Maintenance	New Initial	New Maintenance
Outright Rates								
NYMEX CRACKS AND SPREADS - Outright Rates								
DATED TO FRONTLINE BRENT CLNDR SWAP (FY)								
FY	Spec	Tier 1	Increase	USD	608	450	945	700
FY	Hedge/Member	Tier 1	Increase	USD	450	450	700	700
FY	Spec	Tier 2	Decrease	USD	608	450	270	200
FY	Hedge/Member	Tier 2	Decrease	USD	450	450	200	200
EURO GASOIL 10PPM VS. ICE (ET)								
ET	Spec		Decrease	USD	6,600	6,000	5,500	5,000
ET	Hedge/Member		Decrease	USD	6,000	6,000	5,000	5,000
EUROPEAN NAPHTHA CRACK SPREAD SWAP (EN)								
EN	Spec		Increase	USD	2,200	2,000	3,300	3,000
EN	Hedge/Member		Increase	USD	2,000	2,000	3,000	3,000
GASOLINE UP-DOWN (ARGUS) SWAP (UZ)								
UZ	Spec		Increase	USD	1,375	1,250	2,200	2,000
UZ	Hedge/Member		Increase	USD	1,250	1,250	2,000	2,000
GULF COAST JET VS NYM 2 HO SPRD SWP (ME)								
ME	Spec	Tier 1	Increase	USD	1,650	1,500	2,200	2,000
ME	Hedge/Member	Tier 1	Increase	USD	1,500	1,500	2,000	2,000
ME	Spec	Tier 2	Decrease	USD	1,650	1,500	1,100	1,000
ME	Hedge/Member	Tier 2	Decrease	USD	1,500	1,500	1,000	1,000
ME	Spec	Tier 3	Decrease	USD	1,650	1,500	1,100	1,000
ME	Hedge/Member	Tier 3	Decrease	USD	1,500	1,500	1,000	1,000
ICE BRENT DUBAI SWAP (DB)								
DB	Spec	Tier 2	Decrease	USD	2,200	2,000	1,100	1,000
DB	Hedge/Member	Tier 2	Decrease	USD	2,000	2,000	1,000	1,000
NO. 2 UP-DOWN SPREAD CALENDAR SWAP (UT)								
UT	Spec	Tier 1	Increase	USD	1,210	1,100	1,650	1,500
UT	Hedge/Member	Tier 1	Increase	USD	1,100	1,100	1,500	1,500
UT	Spec	Tier 2	Decrease	USD	1,210	1,100	550	500
UT	Hedge/Member	Tier 2	Decrease	USD	1,100	1,100	500	500
UT	Spec	Tier 3	Decrease	USD	825	750	550	500
UT	Hedge/Member	Tier 3	Decrease	USD	750	750	500	500
RBOB CRACK SPREAD (RM)								
RM	Spec	Tier 1	Increase	USD	1,925	1,750	2,475	2,250
RM	Hedge/Member	Tier 1	Increase	USD	1,750	1,750	2,250	2,250
RM	Spec	Tier 3	Decrease	USD	1,650	1,500	1,100	1,000
RM	Hedge/Member	Tier 3	Decrease	USD	1,500	1,500	1,000	1,000
RM	Spec	Tier 4	Decrease	USD	1,650	1,500	1,100	1,000
RM	Hedge/Member	Tier 4	Decrease	USD	1,500	1,500	1,000	1,000

SPAN MINIMUM PERFORMANCE BOND REQUIREMENTS

CC	Rate Type	Description	Change	ISO	Current Initial	Current Maintenance	New Initial	New Maintenance
Outright Rates								
RBOB UP-DOWN CALENDAR SWAP (RV)								
RV	Spec	Tier 1	Increase	USD	1,375	1,250	2,200	2,000
RV	Hedge/Member	Tier 1	Increase	USD	1,250	1,250	2,000	2,000
RV	Spec	Tier 2	Decrease	USD	1,375	1,250	550	500
RV	Hedge/Member	Tier 2	Decrease	USD	1,250	1,250	500	500
RBOB VS. HEATING OIL SWAP (RH)								
RH	Spec		Increase	USD	1,925	1,750	2,475	2,250
RH	Hedge/Member		Increase	USD	1,750	1,750	2,250	2,250
SINGAPORE JET KERO GASOIL SWAP (RK)								
RK	Spec		Decrease	USD	1,375	1,250	1,100	1,000
RK	Hedge/Member		Decrease	USD	1,250	1,250	1,000	1,000
WTS (ARGUS) V WTI SWAP (FF)								
FF	Spec		Increase	USD	990	900	1,375	1,250
FF	Hedge/Member		Increase	USD	900	900	1,250	1,250
WTS (ARGUS) V WTI TRD MTH SWP (FH)								
FH	Spec	Tier 1	Increase	USD	990	900	1,375	1,250
FH	Hedge/Member	Tier 1	Increase	USD	900	900	1,250	1,250
NYMEX METALS - Outright Rates								
NYMEX 500 GRAM PALLADIUM FUT (QT)								
QT	Spec	Tier 1	Increase	USD	380	281	597	442
QT	Hedge/Member	Tier 1	Increase	USD	281	281	442	442
QT	Spec	Tier 2	Increase	USD	380	281	597	442
QT	Hedge/Member	Tier 2	Increase	USD	281	281	442	442
NYMEX MINY PALLADIUM FUTURES (LQ)								
LQ	Spec	Tier 1	Increase	USD	591	438	928	688
LQ	Hedge/Member	Tier 1	Increase	USD	438	438	688	688
LQ	Spec	Tier 2	Increase	USD	591	438	928	688
LQ	Hedge/Member	Tier 2	Increase	USD	438	438	688	688
PALLADIUM FUTURES NYMEX (PA)								
PA	Spec	Tier 1	Increase	USD	2,363	1,750	3,713	2,750
PA	Hedge/Member	Tier 1	Increase	USD	1,750	1,750	2,750	2,750
PA	Spec	Tier 2	Increase	USD	2,363	1,750	3,713	2,750
PA	Hedge/Member	Tier 2	Increase	USD	1,750	1,750	2,750	2,750

SPAN MINIMUM PERFORMANCE BOND REQUIREMENTS

CC	Rate Type	Description	Change	ISO	Current Initial	Current Maintenance	New Initial	New Maintenance
Outright Rates								
NYMEX PETROLEUM PRODUCTS - Outright Rates								
1% FUEL OIL (PLT) CARG CIF MED (1W)								
1W	Spec		Increase	USD	33,750	25,000	43,875	32,500
1W	Hedge/Member		Increase	USD	25,000	25,000	32,500	32,500
1% FUEL OIL (PLT) CARG CIF NWE (1X)								
1X	Spec		Increase	USD	22,000	20,000	30,250	27,500
1X	Hedge/Member		Increase	USD	20,000	20,000	27,500	27,500
3.5% FUEL OIL CID MED SWAP (7D)								
7D	Spec		Increase	USD	24,750	22,500	30,250	27,500
7D	Hedge/Member		Increase	USD	22,500	22,500	27,500	27,500
EUROPE 1% FUEL OIL NWE CALSWAP (UF)								
UF	Spec		Increase	USD	22,000	20,000	30,250	27,500
UF	Hedge/Member		Increase	USD	20,000	20,000	27,500	27,500
EUROPE 1% FUEL OIL RDAM CALSWAP (UH)								
UH	Spec		Increase	USD	22,000	20,000	30,250	27,500
UH	Hedge/Member		Increase	USD	20,000	20,000	27,500	27,500
EUROPE 3.5% FUEL OIL MED CALSWAP (UI)								
UI	Spec		Increase	USD	24,750	22,500	33,000	30,000
UI	Hedge/Member		Increase	USD	22,500	22,500	30,000	30,000
EUROPE 3.5% FUEL OIL RDAM CALSWAP (UV)								
UV	Spec	Tier 1	Increase	USD	22,000	20,000	30,250	27,500
UV	Hedge/Member	Tier 1	Increase	USD	20,000	20,000	27,500	27,500
UV	Spec	Tier 2	Increase	USD	22,000	20,000	30,250	27,500
UV	Hedge/Member	Tier 2	Increase	USD	20,000	20,000	27,500	27,500
GASOIL 0.1 CARGOES CIF NEW (TW)								
TW	Spec		Increase	USD	40,500	30,000	47,250	35,000
TW	Hedge/Member		Increase	USD	30,000	30,000	35,000	35,000
GASOIL 0.1 ROTTERDAM BARGES SW (VL)								
VL	Spec		Increase	USD	33,000	30,000	38,500	35,000
VL	Hedge/Member		Increase	USD	30,000	30,000	35,000	35,000
GASOIL 10PPM CARGOES CIF NWE S (TY)								
TY	Spec		Increase	USD	33,000	30,000	38,500	35,000
TY	Hedge/Member		Increase	USD	30,000	30,000	35,000	35,000

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 SWAP FUT (GS)								
GS	Spec	Tier 1	Increase	USD	4,400	4,000	5,500	5,000
GS	Hedge/Member	Tier 1	Increase	USD	4,000	4,000	5,000	5,000
GS	Spec	Tier 2	Increase	USD	4,400	4,000	5,500	5,000
GS	Hedge/Member	Tier 2	Increase	USD	4,000	4,000	5,000	5,000
GS	Spec	Tier 3	Increase	USD	4,400	4,000	5,500	5,000
GS	Hedge/Member	Tier 3	Increase	USD	4,000	4,000	5,000	5,000
GULF COAST NO.6 FUEL OIL 3.0%S SWAP (MF)								
MF	Spec		Increase	USD	3,850	3,500	4,950	4,500
MF	Hedge/Member		Increase	USD	3,500	3,500	4,500	4,500
GULF COAST ULSD CALENDAR SWAP (LY)								
LY	Spec		Increase	USD	4,950	4,500	5,500	5,000
LY	Hedge/Member		Increase	USD	4,500	4,500	5,000	5,000
JAPAN C&F NAPHTHA SWAP (JA)								
JA	Spec	Tier 1	Increase	USD	44,000	40,000	55,000	50,000
JA	Hedge/Member	Tier 1	Increase	USD	40,000	40,000	50,000	50,000
JA	Spec	Tier 2	Increase	USD	44,000	40,000	55,000	50,000
JA	Hedge/Member	Tier 2	Increase	USD	40,000	40,000	50,000	50,000
LA CARB DIESEL (OPIS) (LX)								
LX	Spec		Increase	USD	4,950	4,500	6,050	5,500
LX	Hedge/Member		Increase	USD	4,500	4,500	5,500	5,500
MOGAS92 UNLEADED (PLATTS) SWP (1N)								
1N	Spec		Increase	USD	5,500	5,000	7,700	7,000
1N	Hedge/Member		Increase	USD	5,000	5,000	7,000	7,000
NWE GASOLINE SWAP-ARGUS PRICE FUT (AR)								
AR	Spec	Tier 1	Increase	USD	44,000	40,000	49,500	45,000
AR	Hedge/Member	Tier 1	Increase	USD	40,000	40,000	45,000	45,000
AR	Spec	Tier 2	Increase	USD	44,000	40,000	49,500	45,000
AR	Hedge/Member	Tier 2	Increase	USD	40,000	40,000	45,000	45,000
NY HARBOR RESIDUAL FUEL 1.0% S SWAP (MM)								
MM	Spec		Increase	USD	3,850	3,500	4,950	4,500
MM	Hedge/Member		Increase	USD	3,500	3,500	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								
RBOB GASOLINE FUTURES (RB)								
RB	Spec	Tier 1	Increase	USD	5,400	4,000	6,075	4,500
RB	Hedge/Member	Tier 1	Increase	USD	4,000	4,000	4,500	4,500
RB	Spec	Tier 2	Increase	USD	4,725	3,500	5,400	4,000
RB	Hedge/Member	Tier 2	Increase	USD	3,500	3,500	4,000	4,000
RB	Spec	Tier 3	Increase	USD	4,725	3,500	5,400	4,000
RB	Hedge/Member	Tier 3	Increase	USD	3,500	3,500	4,000	4,000
RB	Spec	Tier 4	Increase	USD	4,725	3,500	5,400	4,000
RB	Hedge/Member	Tier 4	Increase	USD	3,500	3,500	4,000	4,000
SINGAPORE 380CST FUEL OIL SWAP (SE)								
SE	Spec	Tier 1	Increase	USD	22,000	20,000	30,250	27,500
SE	Hedge/Member	Tier 1	Increase	USD	20,000	20,000	27,500	27,500
SE	Spec	Tier 2	Increase	USD	22,000	20,000	30,250	27,500
SE	Hedge/Member	Tier 2	Increase	USD	20,000	20,000	27,500	27,500
SINGAPORE FUEL 180CST CALSWAP (UA)								
UA	Spec	Tier 1	Increase	USD	22,000	20,000	27,500	25,000
UA	Hedge/Member	Tier 1	Increase	USD	20,000	20,000	25,000	25,000
UA	Spec	Tier 2	Increase	USD	22,000	20,000	27,500	25,000
UA	Hedge/Member	Tier 2	Increase	USD	20,000	20,000	25,000	25,000
ULSD 10PPM CIF MED SWP (Z6)								
Z6	Spec		Decrease	USD	44,000	40,000	38,500	35,000
Z6	Hedge/Member		Decrease	USD	40,000	40,000	35,000	35,000

SPAN MINIMUM PERFORMANCE BOND REQUIREMENTS

CC	Rate Type	Description	Change	ISO	Current Initial	Current Maintenance	New Initial	New Maintenance
Intra Spreads								
COMEX METALS - Intra Spreads								
COMEX Copper - All Months (COMEX COPPER FUTURES)								
HG	Spec		Increase	USD	135	100	203	150
HG	Hedge/Member		Increase	USD	100	100	150	150
COMEX Copper - All Months (E-MINI COPPER FUTURES)								
QC	Spec		Increase	USD	68	50	101	75
QC	Hedge/Member		Increase	USD	50	50	75	75
COMEX Gold - All Months (COMEX 100 GOLD FUTURES)								
GC	Spec		Increase	USD	203	150	270	200
GC	Hedge/Member		Increase	USD	150	150	200	200
COMEX Gold - All Months (COMEX 1000 GRAM GOLD FUTURES)								
QS	Spec		Increase	USD	65	48	87	64
QS	Hedge/Member		Increase	USD	48	48	64	64
COMEX Gold - All Months (COMEX MINY GOLD FUTURES)								
QO	Spec		Increase	USD	101	75	135	100
QO	Hedge/Member		Increase	USD	75	75	100	100
COMEX Gold - All Months (E-MINI GOLD FUTURES)								
8Q	Spec		Increase	USD	67	50	89	66
8Q	Hedge/Member		Increase	USD	50	50	66	66
COMEX Silver - All Months (COMEX 5000 SILVER FUTURES)								
SI	Spec		Increase	USD	304	225	405	300
SI	Hedge/Member		Increase	USD	225	225	300	300
COMEX Silver - All Months (COMEX MINY SILVER FUTURES)								
QI	Spec		Increase	USD	152	113	203	150
QI	Hedge/Member		Increase	USD	113	113	150	150
COMEX Silver - All Months (E-MINI SILVER FUTURES)								
6Q	Spec		Increase	USD	61	45	81	60
6Q	Hedge/Member		Increase	USD	45	45	60	60

SPAN MINIMUM PERFORMANCE BOND REQUIREMENTS

CC	Rate Type	Description	Change	ISO	Current Initial	Current Maintenance	New Initial	New Maintenance
Intra Spreads								
NYMEX METALS - Intra Spreads								
Palladium - Tier 2 vs Tier 2 (NYMEX 500 GRAM PALLADIUM FUT)								
QT	Spec		Increase	USD	65	48	108	80
QT	Hedge/Member		Increase	USD	48	48	80	80
Palladium - Tier 2 vs Tier 2 (NYMEX MINY PALLADIUM FUTURES)								
LQ	Spec		Increase	USD	101	75	169	125
LQ	Hedge/Member		Increase	USD	75	75	125	125
Palladium - Tier 2 vs Tier 2 (PALLADIUM FUTURES NYMEX)								
PA	Spec		Increase	USD	405	300	675	500
PA	Hedge/Member		Increase	USD	300	300	500	500
Platinum - Tier 1 vs Tier 2 (MINY PLATINUM FUTURES NYMEX)								
PQ	Spec		Increase	USD	7	5	14	10
PQ	Hedge/Member		Increase	USD	5	5	10	10
Platinum - Tier 1 vs Tier 2 (NYMEX 500 GRAM PLATINUM FUTURES)								
QR	Spec		Increase	USD	11	8	22	16
QR	Hedge/Member		Increase	USD	8	8	16	16
Platinum - Tier 1 vs Tier 2 (PLATINUM FUTURES NYMEX)								
PL	Spec		Increase	USD	34	25	68	50
PL	Hedge/Member		Increase	USD	25	25	50	50
Platinum - Tier 2 vs Tier 2 (MINY PLATINUM FUTURES NYMEX)								
PQ	Spec		Increase	USD	7	5	14	10
PQ	Hedge/Member		Increase	USD	5	5	10	10
Platinum - Tier 2 vs Tier 2 (NYMEX 500 GRAM PLATINUM FUTURES)								
QR	Spec		Increase	USD	11	8	22	16
QR	Hedge/Member		Increase	USD	8	8	16	16
Platinum - Tier 2 vs Tier 2 (PLATINUM FUTURES NYMEX)								
PL	Spec		Increase	USD	34	25	68	50
PL	Hedge/Member		Increase	USD	25	25	50	50
U.S. Midwest Domestic Hot-Rolled Coil Steel - All Months (NYMEX HOT ROLLED STEEL FUTURES)								
HR	Spec		Increase	USD	110	100	165	150
HR	Hedge/Member		Increase	USD	100	100	150	150

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 CRUDE OIL BULLET SWAP FINANCIAL (NYM-BB, BZ, CY) vs EUROPEAN 3.5% FUEL OIL ROTTERDAM CALENDAR SWAP (NYM-UV - CME)						
Spread Credit Rate	Increase	+33:-5	0%	0%	65%	65%
NYMEX NATURAL GAS PRODUCTS - Inter-commodity Spread Rates						
AEP DAYTON HUB PEAK MONTHLY (NYM-VM - CME) vs HENRY HUB NATURAL GAS (NYM-NG - CME)						
Spread Credit Rate	New	+1:-1			65%	65%
AEP-DAYTON HUB OFF-PEAK MONTHLY SWAP (NYM-VP - CME) vs HENRY HUB NATURAL GAS (NYM-NG - CME)						
Spread Credit Rate	New	+1:-1			40%	40%
ALBERTA BASIS SWAP (NYM-NA - CME) vs HENRY HUB NATURAL GAS (NYM-NG - CME) vs DOW JONES MID-COLUMBIA (NYM-DO - CME)						
Spread Credit Rate	Decrease	+4:-1:-1	45%	45%	0%	0%
Spread Credit Rate	Decrease	+4:-1:-1	45%	45%	0%	0%
CINERGY HUB 5 MW OFF-PEAK CALENDAR-MONTH REAL-TIME SWAP (NYM-H4 - CME) vs HENRY HUB NATURAL GAS (NYM-NG - CME)						
Spread Credit Rate	New	-194:+1			40%	40%
CINERGY HUB 5 MW PEAK REAL-TIME (NYM-H3 - CME) vs HENRY HUB NATURAL GAS (NYM-NG - CME)						
Spread Credit Rate	New	-11:+1			60%	60%
CINERGY HUB OFF-PEAK CALENDAR-MONTH LMP SWAP (NYM-EJ - CME) vs HENRY HUB NATURAL GAS (NYM-NG - CME)						
Spread Credit Rate	New	+1:-1			40%	40%
CINERGY HUB PEAK CALENDAR-MONTH LMP SWAP (NYM-EM - CME) vs HENRY HUB NATURAL GAS (NYM-NG - CME)						
Spread Credit Rate	New	+1:-1			60%	60%
ISO NEW ENGLAND INTERNAL HUB PEAK LOCATION MARGINAL PRICING [LMP] SWAP (NYM-NI - CME) vs HENRY HUB NATURAL GAS (NYM-NG - CME)						
Spread Credit Rate	New	+1:-1			60%	60%
NATIONAL BALANCING POINT (NBP) HENRY HUB NATURAL GAS BASIS SWAP (NYM-E2 - CME) vs HENRY HUB NATURAL GAS (NYM-NG - CME)						
Spread Credit Rate	New	+4:+1			45%	45%
NEPOOL INTERNAL HUB 5 MW OFF-PEAK CALENDAR-MONTH DAY -AHEAD SWAP (NYM-H2 - CME) vs HENRY HUB NATURAL GAS (NYM-NG - CME)						
Spread Credit Rate	New	+194:-1			60%	60%
NEPOOL INTERNAL HUB 5 MW PEAK CALENDAR-MONTH DAY AHEAD SWAP (NYM-U6 - CME) vs HENRY HUB NATURAL GAS (NYM-NG - CME)						
Spread Credit Rate	New	+11:-1			60%	60%
NORTHERN ILLINOIS HUB PEAK MONTHLY SWAP (NYM-UM - CME) vs HENRY HUB NATURAL GAS (NYM-NG - 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	New	+1:-1			60%	60%
NORTHERN ILLINOIS OFF-PEAK MONTHLY SWAP (NYM-UO - CME) vs HENRY HUB NATURAL GAS (NYM-NG - CME)						
Spread Credit Rate	New	+1:-1			45%	45%
NYISO ZONE A PEAK MONTHLY SWAP (NYM-KA - CME) vs HENRY HUB NATURAL GAS (NYM-NG - CME)						
Spread Credit Rate	Increase	+2:-1	60%	60%	65%	65%
NYISO ZONE G PEAK MONTHLY SWAP (NYM-KG - CME) vs HENRY HUB NATURAL GAS (NYM-NG - CME)						
Spread Credit Rate	Increase	+2:-1	45%	45%	65%	65%
NYISO ZONE J PEAK MONTHLY SWAP (NYM-KJ - CME) vs HENRY HUB NATURAL GAS (NYM-NG - CME)						
Spread Credit Rate	Increase	+2:-1	45%	45%	65%	65%
PJM AD HUB 5 MW OFF-PEAK CALENDAR-MONTH REAL-TIME SWAP (NYM-V3 - CME) vs HENRY HUB NATURAL GAS (NYM-NG - CME)						
Spread Credit Rate	New	-194:+1			40%	40%
PJM AD HUB 5 MW PEAK REAL-TIME LMP SWAP (NYM-Z9 - CME) vs HENRY HUB NATURAL GAS (NYM-NG - CME)						
Spread Credit Rate	New	-11:+1			65%	65%
PJM FINANCIALLY SETTLED MONTHLY FUTURES - PEAK (NYM-JM - CME) vs HENRY HUB NATURAL GAS (NYM-NG - CME)						
Spread Credit Rate	Increase	+1:-1	45%	45%	70%	70%
PJM NI HUB 5 MW REAL TIME OFF-PEAK (NYM-B6 - CME) vs HENRY HUB NATURAL GAS (NYM-NG - CME)						
Spread Credit Rate	New	+194:-1			45%	45%
PJM NORTHERN ILLINOIS HUB 5 MW PEAK REAL-TIME CALENDAR-MONTH LMP SWAP (NYM-B3 - CME) vs HENRY HUB NATURAL GAS (NYM-NG - CME)						
Spread Credit Rate	New	+11:-1			60%	60%
PJM OFF-PEAK LMP SWAP (NYM-JP - CME) vs HENRY HUB NATURAL GAS (NYM-NG - CME)						
Spread Credit Rate	Increase	+1:-1	50%	50%	60%	60%
PJM PSEG ZONE OFF-PEAK CALENDAR-MONTH DAY-AHEAD LMP SWAP (NYM-W6 - CME) vs HENRY HUB NATURAL GAS (NYM-NG - CME)						
Spread Credit Rate	New	-194:+1			65%	65%
PJM PSEG ZONE PEAK CALENDAR-MONTH DAY-AHEAD LMP SWAP (NYM-L6 - CME) vs HENRY HUB NATURAL GAS (NYM-NG - CME)						
Spread Credit Rate	New	+11:-1			65%	65%

SPAN MINIMUM PERFORMANCE BOND REQUIREMENTS

Rate Type	Change	Ratio	Current Initial	Current Maintenance	New Initial	New Maintenance
Inter-commodity Spread Rates						
PJM WESTERN HUB OFF-PEAK CALENDAR-MONTH DAY-AHEAD LMP SWAP (NYM-E4 - CME) vs HENRY HUB NATURAL GAS (NYM-NG - CME)						
Spread Credit Rate	New	+194:-1			70%	70%
PJM WESTERN HUB OFF-PEAK CALENDAR-MONTH REAL-TIME LMP SWAP (NYM-N9 - CME) vs HENRY HUB NATURAL GAS (NYM-NG - CME)						
Spread Credit Rate	New	+194:-1			60%	60%
PJM WESTERN HUB PEAK CALENDAR-MONTH DAY-AHEAD LMP SWAP (NYM-J4 - CME) vs HENRY HUB NATURAL GAS (NYM-NG - CME)						
Spread Credit Rate	New	-11:+1			70%	70%
PJM WESTERN HUB PEAK CALENDAR-MONTH REAL-TIME LMP SWAP (NYM-L1 - CME) vs HENRY HUB NATURAL GAS (NYM-NG - CME)						
Spread Credit Rate	Increase	+2:-1	35%	35%	70%	70%
TEXAS EASTERN ZONE M-3 BASIS SWAP (PLATTS IFERC) (NYM-NX - CME) vs HENRY HUB NATURAL GAS (NYM-NG - CME) vs ISO NEW ENGLAND INTER						
Spread Credit Rate	Decrease	+8:+2:-5	35%	35%	0%	0%
TRANSCO ZONE 6 BASIS SWAP (PLATTS IFERC) (NYM-NZ - CME) vs HENRY HUB NATURAL GAS (NYM-NG - CME) vs ISO NEW ENGLAND INTERNAL HUB						
Spread Credit Rate	Decrease	+8:+2:-5	35%	35%	0%	0%
NYMEX PETROLEUM PRODUCTS - Inter-commodity Spread Rates						
BRENT CRUDE OIL BULLET SWAP FINANCIAL (NYM-BB, BZ, CY) vs EUROPEAN 3.5% FUEL OIL ROTTERDAM CALENDAR SWAP (NYM-UV - CME)						
Spread Credit Rate	Increase	+33:-5	0%	0%	65%	65%
EUROPEAN 3.5% FUEL OIL ROTTERDAM CALENDAR SWAP (NYM-UV - CME) vs SINGAPORE 380 FUEL OIL (NYM-HZ - CME)						
Spread Credit Rate	Increase	+1:-10	0%	0%	75%	75%
EUROPEAN 3.5% FUEL OIL ROTTERDAM CALENDAR SWAP (NYM-UV - CME) vs SINGAPORE 380CST FUEL OIL (PLATTS) SWAP (NYM-SE - CME)						
Spread Credit Rate	Increase	+1:-1	0%	0%	75%	75%

SPAN MINIMUM PERFORMANCE BOND REQUIREMENTS

Rate Type	Change	Ratio	Current Initial	Current Maintenance	New Initial	New Maintenance
Inter-commodity Spread Rates						
NYMEX POWER PRODUCTS - Inter-commodity Spread Rates						
AEP DAYTON HUB PEAK MONTHLY (NYM-VM - CME) vs HENRY HUB NATURAL GAS (NYM-NG - CME)						
Spread Credit Rate	New	+1:-1			65%	65%
AEP-DAYTON HUB OFF-PEAK MONTHLY SWAP (NYM-VP - CME) vs HENRY HUB NATURAL GAS (NYM-NG - CME)						
Spread Credit Rate	New	+1:-1			40%	40%
ALBERTA BASIS SWAP (NYM-NA - CME) vs HENRY HUB NATURAL GAS (NYM-NG - CME) vs DOW JONES MID-COLUMBIA (NYM-DO - CME)						
Spread Credit Rate	Decrease	+4:-1:-1	45%	45%	0%	0%
Spread Credit Rate	Decrease	+4:-1:-1	45%	45%	0%	0%
CINERGY HUB 5 MW OFF-PEAK CALENDAR-MONTH REAL-TIME SWAP (NYM-H4 - CME) vs HENRY HUB NATURAL GAS (NYM-NG - CME)						
Spread Credit Rate	New	-194:+1			40%	40%
CINERGY HUB 5 MW PEAK REAL-TIME (NYM-H3 - CME) vs HENRY HUB NATURAL GAS (NYM-NG - CME)						
Spread Credit Rate	New	-11:+1			60%	60%
CINERGY HUB OFF-PEAK CALENDAR-MONTH LMP SWAP (NYM-EJ - CME) vs HENRY HUB NATURAL GAS (NYM-NG - CME)						
Spread Credit Rate	New	+1:-1			40%	40%
CINERGY HUB PEAK CALENDAR-MONTH LMP SWAP (NYM-EM - CME) vs HENRY HUB NATURAL GAS (NYM-NG - CME)						
Spread Credit Rate	New	+1:-1			60%	60%
DOW JONES NP 15 (NYM-DN - CME) vs DOW JONES MID-COLUMBIA (NYM-DO - CME)						
Spread Credit Rate	Decrease	+1:-1	65%	65%	0%	0%
DOW JONES NP 15 (NYM-DN - CME) vs DOW JONES PALOS VERDE (NYM-DP - CME)						
Spread Credit Rate	Decrease	+1:-1	70%	70%	0%	0%
DOW JONES SP 15 (NYM-DV - CME) vs DOW JONES MID-COLUMBIA (NYM-DO - CME)						
Spread Credit Rate	Decrease	+1:-1	70%	70%	0%	0%
DOW JONES SP 15 (NYM-DV - CME) vs DOW JONES NP 15 (NYM-DN - CME)						
Spread Credit Rate	Decrease	+1:-1	80%	80%	0%	0%
DOW JONES SP 15 (NYM-DV - CME) vs DOW JONES PALOS VERDE (NYM-DP - CME)						
Spread Credit Rate	Decrease	+1:-1	85%	85%	0%	0%
ERCOT BROKER NORTH PEAK (SNL ENERGY) (NYM-ZF - CME) vs ERCOT BROKER SOUTH PEAK (SNL ENERGY) (NYM-ZT - CME)						
Spread Credit Rate	Decrease	+1:-1	90%	90%	35%	35%
ERCOT BROKER NORTH PEAK (SNL ENERGY) (NYM-ZF - CME) vs NYMEX ERCOT BROKER HOUSTON PEAK (SNL ENERGY) (NYM-ZH - CME)						
Spread Credit Rate	Decrease	+1:-1	90%	90%	35%	35%

SPAN MINIMUM PERFORMANCE BOND REQUIREMENTS

Rate Type	Change	Ratio	Current Initial	Current Maintenance	New Initial	New Maintenance
Inter-commodity Spread Rates						
ERCOT HOUSTON CALENDAR DAY PEAK SWAP (PLATTS MEGAW (NYM-HE - CME) vs ERCOT NORTH CALENDAR DAY PEAK SWAP (PLATTS MEGAWAT (NYM-MC - CME)						
Spread Credit Rate	Decrease	+1:-1	95%	95%	35%	35%
ERCOT HOUSTON PEAK SWAP (PLATTS MEGAWATT DAILY) CO (NYM-HT - CME) vs ERCOT NORTH PEAK SWAP (PLATTS MEGAWATT DAILY) (NYM-MT - CME)						
Spread Credit Rate	Decrease	+1:-1	95%	95%	35%	35%
ISO NEW ENGLAND INTERNAL HUB PEAK LOCATION MARGINAL PRICING [LMP] SWAP (NYM-NI - CME) vs HENRY HUB NATURAL GAS (NYM-NG - CME)						
Spread Credit Rate	New	+1:-1			60%	60%
NEEPOOL INTER HUB 5MW DAY AHEAD OFF PEAK (NYM-H2 - CME) vs NEPOOL NEW HAMPSHIRE 5MW DAY AHEAD OFF PEAK (NYM-U3 - CME)						
Spread Credit Rate	Decrease	+1:-1	35%	35%	0%	0%
NEEPOOL INTER HUB 5MW DAY AHEAD OFF PEAK (NYM-H2 - CME) vs NEPOOL RHODE ISLAND 5MW DAY AHEAD OFF PEAK (NYM-U5 - CME)						
Spread Credit Rate	Decrease	+1:-1	35%	35%	0%	0%
NEPOOL INTERNAL HUB 5 MW OFF-PEAK CALENDAR-MONTH DAY -AHEAD SWAP (NYM-H2 - CME) vs HENRY HUB NATURAL GAS (NYM-NG - CME)						
Spread Credit Rate	New	+194:-1			60%	60%
NEPOOL INTERNAL HUB 5 MW PEAK CALENDAR-MONTH DAY AHEAD SWAP (NYM-U6 - CME) vs HENRY HUB NATURAL GAS (NYM-NG - CME)						
Spread Credit Rate	New	+11:-1			60%	60%
NORTHERN ILLINOIS HUB PEAK MONTHLY SWAP (NYM-UM - CME) vs HENRY HUB NATURAL GAS (NYM-NG - CME)						
Spread Credit Rate	New	+1:-1			60%	60%
NORTHERN ILLINOIS OFF-PEAK MONTHLY SWAP (NYM-UO - CME) vs HENRY HUB NATURAL GAS (NYM-NG - CME)						
Spread Credit Rate	New	+1:-1			45%	45%
NYISO ZONE A 5 MW OFF-PEAK CALENDAR-MONTH DAY-AHEAD LBMP SWAP (NYM-K4 - CME) vs NYISO ZONE C 5 MW OFF-PEAK CALENDAR-MONTH DAY-AHEAD LBMP SWAP (NYM-A3 - CME)						
Spread Credit Rate	Decrease	+1:-1	60%	60%	35%	35%
NYISO ZONE A LBMP SWAP - PEAK (NYM-KA - CME) vs NYISO ZONE C 5 MW DAY AHEAD OFF PEAK (NYM-A3 - CME)						
Spread Credit Rate	Decrease	+1:-1	60%	60%	35%	35%
NYISO ZONE A PEAK MONTHLY SWAP (NYM-KA - CME) vs HENRY HUB NATURAL GAS (NYM-NG - CME)						
Spread Credit Rate	Increase	+2:-1	60%	60%	65%	65%
NYISO ZONE G 5MW DAY AHEAD OFF PEAK (NYM-D2 - CME) vs NYISO ZONE A LBMP SWAP - PEAK (NYM-KA - CME)						
Spread Credit Rate	Decrease	+1:-1	60%	60%	0%	0%

SPAN MINIMUM PERFORMANCE BOND REQUIREMENTS

Rate Type	Change	Ratio	Current Initial	Current Maintenance	New Initial	New Maintenance
Inter-commodity Spread Rates						
NYISO ZONE G 5MW DAY AHEAD OFF PEAK (NYM-D2 - CME) vs NYISO ZONE C 5 MW DAY AHEAD OFF PEAK (NYM-A3 - CME)						
Spread Credit Rate	Decrease	+1:-1	60%	60%	35%	35%
NYISO ZONE G PEAK MONTHLY SWAP (NYM-KG - CME) vs HENRY HUB NATURAL GAS (NYM-NG - CME)						
Spread Credit Rate	Increase	+2:-1	45%	45%	65%	65%
NYISO ZONE J 5MW DAY AHEAD OFF PEAK (NYM-D4 - CME) vs NYISO ZONE C 5 MW DAY AHEAD OFF PEAK (NYM-A3 - CME)						
Spread Credit Rate	Decrease	+1:-1	60%	60%	35%	35%
NYISO ZONE J PEAK MONTHLY SWAP (NYM-KJ - CME) vs HENRY HUB NATURAL GAS (NYM-NG - CME)						
Spread Credit Rate	Increase	+2:-1	45%	45%	65%	65%
NYMEX ERCOT BROKER HOUSTON PEAK (SNL ENERGY) (NYM-ZH - CME) vs ERCOT BROKER SOUTH PEAK (SNL ENERGY) (NYM-ZT - CME)						
Spread Credit Rate	Decrease	+1:-1	90%	90%	35%	35%
PJM AD HUB 5 MW OFF-PEAK CALENDAR-MONTH REAL-TIME SWAP (NYM-V3 - CME) vs HENRY HUB NATURAL GAS (NYM-NG - CME)						
Spread Credit Rate	New	-194:+1			40%	40%
PJM AD HUB 5 MW PEAK REAL-TIME LMP SWAP (NYM-Z9 - CME) vs HENRY HUB NATURAL GAS (NYM-NG - CME)						
Spread Credit Rate	New	-11:+1			65%	65%
PJM FINANCIALLY SETTLED MONTHLY FUTURES - PEAK (NYM-JM - CME) vs HENRY HUB NATURAL GAS (NYM-NG - CME)						
Spread Credit Rate	Increase	+1:-1	45%	45%	70%	70%
PJM NI HUB 5 MW REAL TIME OFF-PEAK (NYM-B6 - CME) vs HENRY HUB NATURAL GAS (NYM-NG - CME)						
Spread Credit Rate	New	+194:-1			45%	45%
PJM NORTHERN ILLINOIS HUB 5 MW PEAK REAL-TIME CALENDAR-MONTH LMP SWAP (NYM-B3 - CME) vs HENRY HUB NATURAL GAS (NYM-NG - CME)						
Spread Credit Rate	New	+11:-1			60%	60%
PJM OFF-PEAK LMP SWAP (NYM-JP - CME) vs HENRY HUB NATURAL GAS (NYM-NG - CME)						
Spread Credit Rate	Increase	+1:-1	50%	50%	60%	60%
PJM PSEG ZONE OFF-PEAK CALENDAR-MONTH DAY-AHEAD LMP SWAP (NYM-W6 - CME) vs HENRY HUB NATURAL GAS (NYM-NG - CME)						
Spread Credit Rate	New	-194:+1			65%	65%
PJM PSEG ZONE PEAK CALENDAR-MONTH DAY-AHEAD LMP SWAP (NYM-L6 - CME) vs HENRY HUB NATURAL GAS (NYM-NG - CME)						
Spread Credit Rate	New	+11:-1			65%	65%

SPAN MINIMUM PERFORMANCE BOND REQUIREMENTS

Rate Type	Change	Ratio	Current Initial	Current Maintenance	New Initial	New Maintenance
Inter-commodity Spread Rates						
PJM WESTERN HUB OFF-PEAK CALENDAR-MONTH DAY-AHEAD LMP SWAP (NYM-E4 - CME) vs HENRY HUB NATURAL GAS (NYM-NG - CME)						
Spread Credit Rate	New	+194:-1			70%	70%
PJM WESTERN HUB OFF-PEAK CALENDAR-MONTH REAL-TIME LMP SWAP (NYM-N9 - CME) vs HENRY HUB NATURAL GAS (NYM-NG - CME)						
Spread Credit Rate	New	+194:-1			60%	60%
PJM WESTERN HUB PEAK CALENDAR-MONTH DAY-AHEAD LMP SWAP (NYM-J4 - CME) vs HENRY HUB NATURAL GAS (NYM-NG - CME)						
Spread Credit Rate	New	-11:+1			70%	70%
PJM WESTERN HUB PEAK CALENDAR-MONTH REAL-TIME LMP SWAP (NYM-L1 - CME) vs HENRY HUB NATURAL GAS (NYM-NG - CME)						
Spread Credit Rate	Increase	+2:-1	35%	35%	70%	70%
TRANSCO ZONE 6 BASIS SWAP (PLATTS IFERC) (NYM-NZ - CME) vs HENRY HUB NATURAL GAS (NYM-NG - CME) vs ISO NEW ENGLAND INTERNAL HUB						
Spread Credit Rate	Decrease	+8:+2:-5	35%	35%	0%	0%
TEXAS EASTERN ZONE M-3 BASIS SWAP (PLATTS IFERC) (NYM-NX - CME) vs HENRY HUB NATURAL GAS (NYM-NG - CME) vs ISO NEW ENGLAND INTER						
Spread Credit Rate	Decrease	+8:+2:-5	35%	35%	0%	0%