



Chadv18-016

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

FROM: CME Clearing

SUBJECT: Performance Bond Requirements

DATE: Tuesday, January 09, 2018

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

Wednesday, January 10, 2018.

Current rates as of:

Tuesday, January 09, 2018.

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

ELECTRICITY - Outright Rates

MISO INDIANA HUB OFF-PEAK MO FUT (EJ)

EJ	Spec	Mnth 1	Increase	USD	3,300	3,000	4,290	3,900
EJ	Hedge/Member	Mnth 1	Increase	USD	3,000	3,000	3,900	3,900
EJ	Spec	Mnth 2	Increase	USD	2,640	2,400	3,410	3,100
EJ	Hedge/Member	Mnth 2	Increase	USD	2,400	2,400	3,100	3,100

PJM BGE DA OFF-PEAK (R3)

R3	Spec	Mnth 1	Increase	USD	35	32	50	45
R3	Hedge/Member	Mnth 1	Increase	USD	32	32	45	45
R3	Spec	Mnth 2	Increase	USD	20	18	28	25
R3	Hedge/Member	Mnth 2	Increase	USD	18	18	25	25
R3	Spec	Mnths 3-4	Increase	USD	14	13	17	15
R3	Hedge/Member	Mnths 3-4	Increase	USD	13	13	15	15
R3	Spec	Mnths 5-11	Increase	USD	14	13	17	15
R3	Hedge/Member	Mnths 5-11	Increase	USD	13	13	15	15
R3	Spec	Mnths 12+	Increase	USD	14	13	17	15
R3	Hedge/Member	Mnths 12+	Increase	USD	13	13	15	15

PJM METED ZONE OFFPK CAL MO LMP FUT (46)

46	Spec	Mnth 1	Increase	USD	31	28	44	40
46	Hedge/Member	Mnth 1	Increase	USD	28	28	40	40
46	Spec	Mnth 2	Increase	USD	20	18	28	25
46	Hedge/Member	Mnth 2	Increase	USD	18	18	25	25
46	Spec	Mnths 3-4	Increase	USD	20	18	28	25
46	Hedge/Member	Mnths 3-4	Increase	USD	18	18	25	25
46	Spec	Mnths 5-11	Increase	USD	10	9	13	12
46	Hedge/Member	Mnths 5-11	Increase	USD	9	9	12	12
46	Spec	Mnths 12+	Increase	USD	10	9	13	12
46	Hedge/Member	Mnths 12+	Increase	USD	9	9	12	12

PJM OFF-PEAK LMP FUT (JP)

JP	Spec	Mnth 1	Increase	USD	4,400	4,000	4,950	4,500
JP	Hedge/Member	Mnth 1	Increase	USD	4,000	4,000	4,500	4,500
JP	Spec	Mnth 2	Increase	USD	3,850	3,500	4,400	4,000
JP	Hedge/Member	Mnth 2	Increase	USD	3,500	3,500	4,000	4,000
JP	Spec	Mnths 3-4	Increase	USD	2,750	2,500	2,970	2,700
JP	Hedge/Member	Mnths 3-4	Increase	USD	2,500	2,500	2,700	2,700
JP	Spec	Mnths 5-11	Increase	USD	1,430	1,300	1,650	1,500
JP	Hedge/Member	Mnths 5-11	Increase	USD	1,300	1,300	1,500	1,500
JP	Spec	Mnths 12+	Increase	USD	1,430	1,300	1,650	1,500

SPAN MINIMUM PERFORMANCE BOND REQUIREMENTS

CC	Rate Type	Description	Change	ISO	Current Initial	Current Maintenance	New Initial	New Maintenance
Outright Rates								
JP	Hedge/Member	Mnths 12+	Increase	USD	1,300	1,300	1,500	1,500
PJM PSEG DA OFF-PEAK (W6)								
W6	Spec	Mnth 1	Increase	USD	22	20	33	30
W6	Hedge/Member	Mnth 1	Increase	USD	20	20	30	30
W6	Spec	Mnth 2	Increase	USD	20	18	28	25
W6	Hedge/Member	Mnth 2	Increase	USD	18	18	25	25
W6	Spec	Mnths 3-4	Increase	USD	14	13	17	15
W6	Hedge/Member	Mnths 3-4	Increase	USD	13	13	15	15
W6	Spec	Mnths 5-11	Increase	USD	11	10	13	12
W6	Hedge/Member	Mnths 5-11	Increase	USD	10	10	12	12
W6	Spec	Mnths12+	Increase	USD	11	10	13	12
W6	Hedge/Member	Mnths12+	Increase	USD	10	10	12	12

SPAN MINIMUM PERFORMANCE BOND REQUIREMENTS

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

NATURAL GAS - Outright Rates

CIG BASIS (CI)

CI	Spec	Mnths 7-12	Increase	USD	88	80	121	110
CI	Hedge/Member	Mnths 7-12	Increase	USD	80	80	110	110

NGPL MIDCONTINENT BASIS FUT (NL)

NL	Spec	Mnths 13-25	Increase	USD	143	130	187	170
NL	Hedge/Member	Mnths 13-25	Increase	USD	130	130	170	170
NL	Spec	Mnths 26-49	Increase	USD	143	130	187	170
NL	Hedge/Member	Mnths 26-49	Increase	USD	130	130	170	170
NL	Spec	Mnths 50+	Increase	USD	143	130	187	170
NL	Hedge/Member	Mnths 50+	Increase	USD	130	130	170	170

NORTHWEST PIPELINE BASIS FUT (NR)

NR	Spec	Mnths 2-6	Increase	USD	132	120	154	140
NR	Hedge/Member	Mnths 2-6	Increase	USD	120	120	140	140
NR	Spec	Mnths 7-9	Increase	USD	132	120	154	140
NR	Hedge/Member	Mnths 7-9	Increase	USD	120	120	140	140
NR	Spec	Mnths 10-16	Increase	USD	132	120	154	140
NR	Hedge/Member	Mnths 10-16	Increase	USD	120	120	140	140
NR	Spec	Mnths 17+	Increase	USD	132	120	154	140
NR	Hedge/Member	Mnths 17+	Increase	USD	120	120	140	140

PANHANDLE BASIS FUT (PH)

PH	Spec	Mnth 1	Increase	USD	187	170	198	180
PH	Hedge/Member	Mnth 1	Increase	USD	170	170	180	180
PH	Spec	Mnth 2	Increase	USD	176	160	198	180
PH	Hedge/Member	Mnth 2	Increase	USD	160	160	180	180
PH	Spec	Summer 2018	Increase	USD	176	160	198	180
PH	Hedge/Member	Summer 2018	Increase	USD	160	160	180	180
PH	Spec	Winter 2018=2019	Increase	USD	176	160	198	180
PH	Hedge/Member	Winter 2018=2019	Increase	USD	160	160	180	180
PH	Spec	APR 2019+	Increase	USD	176	160	198	180
PH	Hedge/Member	APR 2019+	Increase	USD	160	160	180	180

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	Increase	USD	264	240	308	280
PM	Hedge/Member	Mths 1	Increase	USD	240	240	280	280
PM	Spec	Mths 2	Increase	USD	193	175	242	220
PM	Hedge/Member	Mths 2	Increase	USD	175	175	220	220
PM	Spec	Mths 3-6	Increase	USD	193	175	242	220
PM	Hedge/Member	Mths 3-6	Increase	USD	175	175	220	220
PM	Spec	Mths 7-12	Increase	USD	193	175	242	220
PM	Hedge/Member	Mths 7-12	Increase	USD	175	175	220	220
PM	Spec	Mths 13+	Increase	USD	193	175	242	220
PM	Hedge/Member	Mths 13+	Increase	USD	175	175	220	220
SAN JUAN BASIS FUT (NJ)								
NJ	Spec	Mth 1	Increase	USD	264	240	319	290
NJ	Hedge/Member	Mth 1	Increase	USD	240	240	290	290
NJ	Spec	Mth 2	Increase	USD	187	170	220	200
NJ	Hedge/Member	Mth 2	Increase	USD	170	170	200	200
NJ	Spec	Mths 3-6	Increase	USD	187	170	220	200
NJ	Hedge/Member	Mths 3-6	Increase	USD	170	170	200	200
NJ	Spec	Mths 7-12	Increase	USD	187	170	220	200
NJ	Hedge/Member	Mths 7-12	Increase	USD	170	170	200	200
NJ	Spec	Mths 13+	Increase	USD	187	170	220	200
NJ	Hedge/Member	Mths 13+	Increase	USD	170	170	200	200
WAHA TEXAS BASIS FUT (NW)								
NW	Spec	Mnth 2	Increase	USD	220	200	275	250
NW	Hedge/Member	Mnth 2	Increase	USD	200	200	250	250
NW	Spec	Mnths 3-6	Increase	USD	220	200	275	250
NW	Hedge/Member	Mnths 3-6	Increase	USD	200	200	250	250
NW	Spec	Mnths 7-12	Increase	USD	220	200	275	250
NW	Hedge/Member	Mnths 7-12	Increase	USD	200	200	250	250
NW	Spec	Mnths 13-33	Increase	USD	220	200	275	250
NW	Hedge/Member	Mnths 13-33	Increase	USD	200	200	250	250
NW	Spec	Mnths 34+	Increase	USD	220	200	275	250
NW	Hedge/Member	Mnths 34+	Increase	USD	200	200	250	250

SPAN MINIMUM PERFORMANCE BOND REQUIREMENTS

Rate Type	Change	Ratio	Current Initial	Current Maintenance	New Initial	New Maintenance
Inter-commodity Spread Rates						
ELECTRICITY - Inter-commodity Spread Rates						
HENRY HUB NATURAL GAS FUTURES (NY-NG - CME) vs PJM METED ZONE OFF-PEAK CALENDAR-MONTH DAY-AHEAD LMP SWAP FUTURES (NY-46 - CME)						
Spread Credit Rate	Decrease	+1:-194	55%	55%	25%	25%
MIDWEST ISO CINERGY HUB 5 MW OFF-PEAK CALENDAR MONTH REAL-TIME SWAP FUTURES (NY-H4 - CME) vs PJM METED ZONE OFF-PEAK CALENDAR-MONTH DAY-AHEAD LMP SWAP FUTURES (NY-46 - CME)						
Spread Credit Rate	Decrease	+1:-1	40%	40%	25%	25%
MIDWEST ISO CINERGY HUB 5MW OFF-PEAK CALENDAR-MONTH DAY-AHEAD SWAP FUTURES (NY-K2 - CME) vs PJM METED ZONE OFF-PEAK CALENDAR-MONTH DAY-AHEAD LMP SWAP FUTURES (NY-46 - CME)						
Spread Credit Rate	Decrease	+1:-1	40%	40%	25%	25%
PJM AEP DAYTON HUB 5 MW OFF-PEAK CALENDAR-MONTH REAL-TIME LMP SWAP FUTURES (NY-V3 - CME) vs PJM PSEG ZONE OFF-PEAK CALENDAR-MONTH DAY-AHEAD LMP SWAP FUTURES (NY-W6 - CME)						
Spread Credit Rate	Decrease	+1:-1	45%	45%	35%	35%
PJM AEP DAYTON HUB 5MW PEAK CAL REAL-TIME LMP SWAP FUT (NY-Z9- CME) vs PJM METED ZONE OFF-PEAK CAL DA LMP SWAP FUT (NY-46- CME)						
Spread Credit Rate	Decrease	+1:-16	40%	40%	20%	20%
PJM AEP Dayton Hub Day-Ahead Off-Peak Calendar-Month 5 MW Futures (NY-R7-CME) vs PJM METED Zone Off-Peak Calendar-Month Day-Ahead LMP Futures (NY-46-CME)						
Spread Credit Rate	Decrease	+1:-1	50%	50%	25%	25%
PJM AEP DAYTON HUB OFF-PEAK CALENDAR-MONTH DAY-AHEAD LMP SWAP FUTURES (NY-R7 - CME) vs PJM PSEG ZONE OFF-PEAK CALENDAR-MONTH DAY-AHEAD LMP SWAP FUTURES (NY-W6 - CME)						
Spread Credit Rate	Decrease	+1:-1	45%	45%	35%	35%
PJM AEP Dayton Hub Real-Time Off-Peak Calendar-Month 5 MW Futures (NY-V3-CME) vs PJM METED Zone Off-Peak Calendar-Month Day-Ahead LMP Futures (NY-46-CME)						
Spread Credit Rate	Decrease	+1:-1	50%	50%	25%	25%
PJM BGE ZONE OFF-PEAK CAL DA LMP SWAP FUT (NY-R3- CME) vs MIDWEST ISO CINERGY HUB PEAK CAL LMP SWAP FUT (NY-EM- CME)						
Spread Credit Rate	Decrease	+168:-1	55%	55%	25%	25%
PJM BGE ZONE OFF-PEAK CALENDAR-MONTH DA LMP SWAP FUT (NY-R3-CME) vs PJM PSEG ZONE PEAK CALENDAR-MONTH DA LMP SWAP FUT (NY-L6-CME)						
Spread Credit Rate	Decrease	+16:-1	50%	50%	25%	25%
PJM BGE Zone Off-Peak Calendar-Month Day-Ahead LMP Futures (NY-R3-CME) vs PJM METED Zone Off-Peak Calendar-Month Day-Ahead LMP Futures (NY-46-CME)						
Spread Credit Rate	Decrease	+1:-1	55%	55%	25%	25%
PJM ComEd Zone 5 MW Off-Peak Calendar-Month Day-Ahead LMP Futures (NY-D9-CME) vs PJM METED Zone Off-Peak Calendar-Month Day-Ahead LMP Futures (NY-46-CME)						
Spread Credit Rate	Decrease	+1:-1	49%	49%	25%	25%
PJM ComEd Zone 5 MW Off-Peak Calendar-Month Day-Ahead LMP Futures (NY-D9-CME) vs PJM PSEG ZONE OFF-PEAK CALENDAR-MONTH DA LMP SWAP FUT (NY-W6-CME)						
Spread Credit Rate	Decrease	+1:-1	45%	45%	40%	40%

SPAN MINIMUM PERFORMANCE BOND REQUIREMENTS

Rate Type	Change	Ratio	Current Initial	Current Maintenance	New Initial	New Maintenance
Inter-commodity Spread Rates						
PJM NORTHERN ILLINOIS HUB OFF-PEAK CAL DA LMP SWAP FUT (NY-L3- CME) vs PJM OFF-PEAK CAL LMP SWAP FUT (NY-JP- CME)						
Spread Credit Rate	Decrease	+202:-1	50%	50%	35%	35%
PJM NORTHERN ILLINOIS HUB OFF-PEAK CALENDAR-MONTH DA LMP SWAP FUT (NY-L3-CME) vs PJM BGE ZONE OFF-PEAK CALENDAR-MONTH DA LMP SWAP FUT (NY-R3-CME)						
Spread Credit Rate	Decrease	+1:-1	40%	40%	25%	25%
PJM NORTHERN ILLINOIS HUB OFF-PEAK CALENDAR-MONTH DA LMP SWAP FUT (NY-L3-CME) vs PJM METED ZONE OFF-PEAK CALENDAR-MONTH DA LMP SWAP FUT (NY-46-CME)						
Spread Credit Rate	Decrease	+1:-1	55%	55%	25%	25%
PJM PSEG ZONE OFF-PEAK CALENDAR-MONTH DA LMP SWAP FUT (NY-W6-CME) vs PJM BGE ZONE OFF-PEAK CALENDAR-MONTH DA LMP SWAP FUT (NY-R3-CME)						
Spread Credit Rate	Decrease	+1:-1	55%	55%	50%	50%
PJM PSEG ZONE OFF-PEAK CALENDAR-MONTH DA LMP SWAP FUT (NY-W6-CME) vs PJM OFF-PEAK CALENDAR-MONTH LMP SWAP FUT (NY-JP-CME)						
Spread Credit Rate	Decrease	+188:-1	40%	40%	25%	25%
PJM PSEG ZONE OFF-PEAK CALENDAR-MONTH DAY-AHEAD LMP SWAP (NYM-W6 - CME) vs HENRY HUB NATURAL GAS (NYM-NG, NN, HP)						
Spread Credit Rate	Decrease	-194:+1	40%	40%	25%	25%
PJM PSEG ZONE OFF-PEAK CALENDAR-MONTH DAY-AHEAD LMP SWAP FUTURES (NY-W6 - CME) vs PJM COMED ZONE 5 MW PEAK CALENDAR-MONTH DAY-AHEAD LMP SWAP FUTURES (NY-D8 - CME)						
Spread Credit Rate	Decrease	+16:-1	50%	50%	30%	30%
PJM PSEG ZONE OFF-PEAK CALENDAR-MONTH DAY-AHEAD LMP SWAP FUTURES (NY-W6 - CME) vs PJM PEAK CALENDAR-MONTH LMP SWAP FUTURES (NY-JM - CME)						
Spread Credit Rate	Decrease	+168:-1	60%	60%	40%	40%
PJM Western Hub Day-Ahead Off-Peak Calendar-Month 5 MW Futures (NY-E4-CME) vs PJM METED Zone Off-Peak Calendar-Month Day-Ahead LMP Futures (NY-46-CME)						
Spread Credit Rate	Decrease	+1:-1	48%	48%	25%	25%
PJM WESTERN HUB OFF-PEAK CALENDAR-MONTH RT LMP SWAP FUT (NY-N9-CME) vs PJM PSEG ZONE OFF-PEAK CALENDAR-MONTH DA LMP SWAP FUT (NY-W6-CME)						
Spread Credit Rate	Decrease	+1:-1	45%	45%	35%	35%
PJM WESTERN HUB PEAK CALENDAR-MONTH DA LMP SWAP FUT (NY-J4-CME) vs PJM METED ZONE OFF-PEAK CALENDAR-MONTH DA LMP SWAP FUT (NY-46-CME)						
Spread Credit Rate	Decrease	+1:-16	40%	40%	25%	25%
PJM WESTERN HUB PEAK CALENDAR-MONTH RT LMP SWAP FUT (NY-L1-CME) vs PJM METED ZONE OFF-PEAK CALENDAR-MONTH DA LMP SWAP FUT (NY-46-CME)						
Spread Credit Rate	Decrease	+1:-16	45%	45%	25%	25%

SPAN MINIMUM PERFORMANCE BOND REQUIREMENTS

Rate Type	Change	Ratio	Current Initial	Current Maintenance	New Initial	New Maintenance
Inter-commodity Spread Rates						
NATURAL GAS - Inter-commodity Spread Rates						
EL PASO NATURAL GAS CO. PERMIAN BASIN BASIS SWAP (NYM-PM - CME) vs CIG ROCKY MOUNTAIN BASIS SWAP (PLATTS IFERC) (NYM-CI - CME)						
Spread Credit Rate	Decrease	+1:-1	55%	55%	40%	40%
HENRY HUB NATURAL GAS FUTURES (NY-NG - CME) vs PJM METED ZONE OFF-PEAK CALENDAR-MONTH DAY-AHEAD LMP SWAP FUTURES (NY-46 - CME)						
Spread Credit Rate	Decrease	+1:-194	55%	55%	25%	25%
PANHANDLE BASIS SWAP (PLATTS IFERC) (NYM-PH - CME) vs NATURAL GAS PIPELINE CO. OF AMERICA (NGPL) TEXOK B (NYM-PD - CME)						
Spread Credit Rate	Decrease	+1:-1	40%	40%	30%	30%
PANHANDLE BASIS SWAP (PLATTS IFERC) (NYM-PH - CME) vs NORTHWEST PIPELINE, ROCKIES BASIS SWAP (PLATTS IFE (NYM-NR - CME)						
Spread Credit Rate	Decrease	+1:-1	60%	60%	50%	50%
PJM PSEG ZONE OFF-PEAK CALENDAR-MONTH DAY-AHEAD LMP SWAP (NYM-W6 - CME) vs HENRY HUB NATURAL GAS (NYM-NG, NN, HP)						
Spread Credit Rate	Decrease	-194:+1	40%	40%	25%	25%