



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

FROM: CME Clearing

SUBJECT: Performance Bond Requirements

DATE: Monday, June 26, 2017

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, June 27, 2017.

Current rates as of:

Monday, June 26, 2017.

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 5MW D AH O PK (K2)

K2	Spec	Mnth 1	Increase	USD	8	7	9	8
K2	Hedge/Member	Mnth 1	Increase	USD	7	7	8	8
K2	Spec	Mnth 2	Increase	USD	8	7	9	8
K2	Hedge/Member	Mnth 2	Increase	USD	7	7	8	8
K2	Spec	Mnths 3-4	Increase	USD	7	6	8	7
K2	Hedge/Member	Mnths 3-4	Increase	USD	6	6	7	7
K2	Spec	Mnths 5-11	Increase	USD	7	6	8	7
K2	Hedge/Member	Mnths 5-11	Increase	USD	6	6	7	7
K2	Spec	Mnths 12+	Increase	USD	7	6	8	7
K2	Hedge/Member	Mnths 12+	Increase	USD	6	6	7	7

MISO INDIANA HUB 5MW D AH PK (H5)

H5	Spec	Mnth 1	Increase	USD	154	140	176	160
H5	Hedge/Member	Mnth 1	Increase	USD	140	140	160	160
H5	Spec	Mnth 2	Increase	USD	110	100	132	120
H5	Hedge/Member	Mnth 2	Increase	USD	100	100	120	120
H5	Spec	Mnths 3-4	Increase	USD	99	90	121	110
H5	Hedge/Member	Mnths 3-4	Increase	USD	90	90	110	110
H5	Spec	Mnth 5-11	Increase	USD	99	90	121	110
H5	Hedge/Member	Mnth 5-11	Increase	USD	90	90	110	110
H5	Spec	Mnths 12+	Increase	USD	99	90	121	110
H5	Hedge/Member	Mnths 12+	Increase	USD	90	90	110	110

PJM DAYTON DA OFF-PEAK (R7)

R7	Spec	Mnth 1	Increase	USD	11	10	12	11
R7	Hedge/Member	Mnth 1	Increase	USD	10	10	11	11
R7	Spec	Mnth 2	Increase	USD	9	8	10	9
R7	Hedge/Member	Mnth 2	Increase	USD	8	8	9	9
R7	Spec	Mnths 3-11	Increase	USD	8	7	9	8
R7	Hedge/Member	Mnths 3-11	Increase	USD	7	7	8	8
R7	Spec	Mnths 12+	Increase	USD	8	7	9	8
R7	Hedge/Member	Mnths 12+	Increase	USD	7	7	8	8

PJM DAYTON DA PEAK (D7)

D7	Spec	Mnth 1	Increase	USD	154	140	176	160
D7	Hedge/Member	Mnth 1	Increase	USD	140	140	160	160
D7	Spec	Mnth 2	Increase	USD	110	100	132	120
D7	Hedge/Member	Mnth 2	Increase	USD	100	100	120	120
D7	Spec	Mnths 3-4	Increase	USD	99	90	110	100

SPAN MINIMUM PERFORMANCE BOND REQUIREMENTS

CC	Rate Type	Description	Change	ISO	Current Initial	Current Maintenance	New Initial	New Maintenance
Outright Rates								
D7	Hedge/Member	Mnths 3-4	Increase	USD	90	90	100	100
D7	Spec	Mnths 5-11	Increase	USD	99	90	110	100
D7	Hedge/Member	Mnths 5-11	Increase	USD	90	90	100	100
D7	Spec	Mnths 12+	Increase	USD	99	90	110	100
D7	Hedge/Member	Mnths 12+	Increase	USD	90	90	100	100
PJM NILL DA OFF-PEAK (L3)								
L3	Spec	Mnth 1	Increase	USD	9	8	10	9
L3	Hedge/Member	Mnth 1	Increase	USD	8	8	9	9
L3	Spec	Mnth 2	Increase	USD	6	5	7	6
L3	Hedge/Member	Mnth 2	Increase	USD	5	5	6	6
L3	Spec	Mnths 3-5	Increase	USD	6	5	7	6
L3	Hedge/Member	Mnths 3-5	Increase	USD	5	5	6	6
L3	Spec	Mnths 6-11	Increase	USD	6	5	7	6
L3	Hedge/Member	Mnths 6-11	Increase	USD	5	5	6	6
L3	Spec	Mnths 12+	Increase	USD	6	5	7	6
L3	Hedge/Member	Mnths 12+	Increase	USD	5	5	6	6
PJM NILL DA PEAK (N3)								
N3	Spec	Mnth 1	Increase	USD	154	140	176	160
N3	Hedge/Member	Mnth 1	Increase	USD	140	140	160	160
N3	Spec	Mnth 2	Increase	USD	110	100	132	120
N3	Hedge/Member	Mnth 2	Increase	USD	100	100	120	120
N3	Spec	Mnths 3-4	Increase	USD	99	90	110	100
N3	Hedge/Member	Mnths 3-4	Increase	USD	90	90	100	100
N3	Spec	Mnths 5-11	Increase	USD	99	90	110	100
N3	Hedge/Member	Mnths 5-11	Increase	USD	90	90	100	100
N3	Spec	Mnths 12+	Increase	USD	99	90	110	100
N3	Hedge/Member	Mnths 12+	Increase	USD	90	90	100	100
PJM WESTH DA OFF-PEAK (E4)								
E4	Spec	Mnth 1	Increase	USD	10	9	11	10
E4	Hedge/Member	Mnth 1	Increase	USD	9	9	10	10
E4	Spec	Mnth 2	Increase	USD	8	7	9	8
E4	Hedge/Member	Mnth 2	Increase	USD	7	7	8	8
E4	Spec	Mnths 3-4	Increase	USD	6	5	7	6
E4	Hedge/Member	Mnths 3-4	Increase	USD	5	5	6	6
E4	Spec	Mnths 5-11	Increase	USD	6	5	7	6
E4	Hedge/Member	Mnths 5-11	Increase	USD	5	5	6	6
E4	Spec	Mnths12+	Increase	USD	6	5	7	6
E4	Hedge/Member	Mnths12+	Increase	USD	5	5	6	6

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

PJM WESTHDA PEAK (J4)

J4	Spec	Mnth 1	Increase	USD	193	175	215	195
J4	Hedge/Member	Mnth 1	Increase	USD	175	175	195	195
J4	Spec	Mnth 2	Increase	USD	110	100	132	120
J4	Hedge/Member	Mnth 2	Increase	USD	100	100	120	120
J4	Spec	Mnths 3-5	Increase	USD	110	100	121	110
J4	Hedge/Member	Mnths 3-5	Increase	USD	100	100	110	110
J4	Spec	Mnths 6-11	Increase	USD	99	90	110	100
J4	Hedge/Member	Mnths 6-11	Increase	USD	90	90	100	100
J4	Spec	Mnths 12+	Increase	USD	99	90	110	100
J4	Hedge/Member	Mnths 12+	Increase	USD	90	90	100	100

SPAN MINIMUM PERFORMANCE BOND REQUIREMENTS

CC	Rate Type	Description	Change	ISO	Current Initial	Current Maintenance	New Initial	New Maintenance
Intra Spreads								
ELECTRICITY - Intra Spreads								
CAISO SP15 EZ Gen Hub 5 MW Peak Calendar-Day Day-Ahead LMP Futures						(CAISO SP15 EZGNHUB5 PEAK CLN D)		
9Z	Spec		Increase	USD	743	675	1,100	1,000
9Z	Hedge/Member		Increase	USD	675	675	1,000	1,000
METALS - Intra Spreads								
Palladium - Tier 1 vs Tier 2 (PALLADIUM FUTURES NYMEX)								
PA	Spec		Increase	USD	1,045	950	1,540	1,400
PA	Hedge/Member		Increase	USD	950	950	1,400	1,400
Palladium - Tier 2 vs Tier 2 (PALLADIUM FUTURES NYMEX)								
PA	Spec		Increase	USD	1,045	950	1,540	1,400
PA	Hedge/Member		Increase	USD	950	950	1,400	1,400

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						
MIDWEST ISO CINERGY HUB 5 MW OFF-PEAK CALENDAR MONTH REAL-TIME SWAP FUTURES (NY-H4 - CME) vs PJM COMED ZONE 5 MW OFF-PEAK CALENDAR-MONTH DAY-AHEAD LMP SWAP FUTURES (NY-D9 - CME)						
Spread Credit Rate	Decrease	+1:-1	70%	70%	55%	55%
MIDWEST ISO CINERGY HUB 5MW OFF-PEAK CALENDAR-MONTH DAY-AHEAD SWAP FUTURES (NY-K2 - CME) vs PJM COMED ZONE 5 MW OFF-PEAK CALENDAR-MONTH DAY-AHEAD LMP SWAP FUTURES (NY-D9 - CME)						
Spread Credit Rate	Decrease	+1:-1	70%	70%	55%	55%
PJM AEP Dayton Hub 5MW Peak Calendar-Month Real-Time LMP Futures (NY-Z9-CME) vs PJM PSEG Zone Peak Calendar-Month Day-Ahead LMP 5 MW Futures (NY-L6-CME)						
Spread Credit Rate	Decrease	+1:-1	65%	65%	50%	50%
PJM AEP Dayton Hub Day-Ahead Off-Peak Calendar-Month 5 MW Futures (NY-R7-CME) vs PJM ComEd Zone 5 MW Off-Peak Calendar-Month Day-Ahead LMP Futures (NY-D9-CME)						
Spread Credit Rate	Decrease	+1:-1	61%	61%	56%	56%
PJM AEP Dayton Hub Real-Time Off-Peak Calendar-Month 5 MW Futures (NY-V3-CME) vs PJM ComEd Zone 5 MW Off-Peak Calendar-Month Day-Ahead LMP Futures (NY-D9-CME)						
Spread Credit Rate	Decrease	+1:-1	61%	61%	56%	56%
PJM COMED ZONE 5 MW OFF-PEAK CAL DA LMP SWAP FUT (NY-D9- CME) vs PJM AEP DAYTON HUB OFF-PEAK LMP SWAP FUT (NY-VP- CME)						
Spread Credit Rate	Decrease	+202:-1	69%	69%	54%	54%
PJM ComEd Zone 5 MW Off-Peak Calendar-Month Day-Ahead LMP Futures (NY-D9-CME) vs PJM BGE Zone Off-Peak Calendar-Month Day-Ahead LMP Futures (NY-R3-CME)						
Spread Credit Rate	Decrease	+1:-1	68%	68%	63%	63%
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	73%	73%	58%	58%
PJM ComEd Zone 5 MW Off-Peak Calendar-Month Day-Ahead LMP Futures (NY-D9-CME) vs PJM Western Hub Day-Ahead Peak Calendar-Month 5 MW Futures (NY-J4-CME)						
Spread Credit Rate	Decrease	+16:-1	70%	70%	55%	55%
PJM NI HUB 5 MW REAL TIME OFF-PEAK (NYM-B6 - CME) vs PJM COMED 5 MW OFF-PEAK CALENDAR-MONTH DAY-AHEAD LMP SWAP (NYM-D9 - CME)						
Spread Credit Rate	Decrease	+1:-1	74%	74%	59%	59%
PJM Northern Illinois Hub Day-Ahead LMP Peak Calendar-Month 5 MW Futures (NY-N3-CME) vs PJM PSEG Zone Peak Calendar-Month Day-Ahead LMP 5 MW Futures (NY-L6-CME)						
Spread Credit Rate	Decrease	+1:-1	65%	65%	50%	50%
PJM Northern Illinois Hub Day-Ahead Off-Peak Calendar-Month 5 MW Futures (NY-L3-CME) vs PJM ComEd Zone 5 MW Off-Peak Calendar-Month Day-Ahead LMP Futures (NY-D9-CME)						
Spread Credit Rate	Decrease	+1:-1	73%	73%	58%	58%
PJM Western Hub Day-Ahead Peak Calendar-Month 5 MW Futures (NY-J4-CME) vs PJM PSEG Zone Peak Calendar-Month Day-Ahead LMP 5 MW Futures (NY-L6-CME)						
Spread Credit Rate	Decrease	+1:-1	70%	70%	55%	55%

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 CAL REAL-TIME LMP SWAP FUT (NY-N9- CME) vs PJM COMED ZONE 5 MW OFF-PEAK CAL DA LMP SWAP FUT (NY-D9- CME)						
Spread Credit Rate	Decrease	+1:-1	66%	66%	51%	51%
PJM WESTERN HUB OFF-PEAK CALENDAR-MONTH DA LMP SWAP FUT (NY-E4-CME) vs PJM COMED ZONE 5 MW OFF-PEAK CALENDAR-MONTH DA LMP SWAP FUT (NY-D9-CME)						
Spread Credit Rate	Decrease	+1:-1	71%	71%	56%	56%
PJM Western Hub Peak Calendar-Month Real-Time LMP Futures (NY-L1-CME) vs PJM ComEd Zone 5 MW Off-Peak Calendar-Month Day-Ahead LMP Futures (NY-D9-CME)						
Spread Credit Rate	Decrease	+1:-16	80%	80%	65%	65%
NATURAL GAS - Inter-commodity Spread Rates						
CENTERPOINT NATURAL GAS BASIS SWAP (PLATTS IFERC) FUTURES (NY-PW - CME) vs ONEOK, OKLAHOMA BASIS SWAP (PLATTS IFERC) FUTURES (NY-8X - CME)						
Spread Credit Rate	Decrease	+1:-1	55%	55%	40%	40%
CIG ROCKIES BASIS SWAP (PLATTS IFERC) FUTURES (NY-CI - CME) vs ONEOK, OKLAHOMA BASIS SWAP (PLATTS IFERC) FUTURES (NY-8X - CME)						
Spread Credit Rate	Decrease	+1:-1	55%	55%	40%	40%
REFINED PRODUCTS - Inter-commodity Spread Rates						
EUROPEAN 3.5% FUEL OIL (PLATTS) BARGES FOB RDAM CALENDAR SWAP FUTURES (NY-UV - CME) vs GULF COAST NO. 6 FUEL OIL 3.0% (PLATTS) SWAP FUTURES (NY-MF - CME)						
Spread Credit Rate	Decrease	+3:-19	90%	90%	84%	84%