| Registered Entity Identifier Code (optional): <u>16-293 (17 of 32</u>  |                      |
|--|----------------------|
| Organization: <u>New York Mercantile Exchange, Inc. ("NYM</u>  | <u>EX'')</u>         |
| Filing as a: DCM SEF DCO   | SDR                  |
| Please note - only ONE choice allowed.   |                      |
| Filing Date (mm/dd/yy): <u>08/04/2016</u> Filing Description: <u>In</u><br>ISO PJM Day-Ahead and Real-Time Electricity Futures Cou |                      |
|  |                      |
| SPECIFY FILING TYPE<br>Please note only ONE choice allowed per Submission.   |                      |
| Organization Rules and Rule Amendments   |                      |
| Certification  | § 40.6(a)            |
| Approval   | § 40.5(a)            |
| Notification   | § 40.6(d)            |
| Advance Notice of SIDCO Rule Change  | § 40.10(a)           |
| SIDCO Emergency Rule Change  | § 40.10(h)           |
| Rule Numbers:  |                      |
| New Product Please note only ONE product   | t per Submission.    |
| Certification  | § 40.2(a)            |
| Certification Security Futures   | § 41.23(a)           |
| Certification Swap Class   | § 40.2(d)            |
| Approval   | § 40.3(a)            |
| Approval Security Futures  | § 41.23(b)           |
| Novel Derivative Product Notification  | § 40.12(a)           |
| Swap Submission  | § 39.5               |
| Official Product Name: <u>See filing.</u><br>Product Terms and Conditions (product related Rules and                               | Rule Amendments)     |
|  |                      |
| Certification  | § 40.6(a)            |
| Certification Made Available to Trade Determination  | § 40.6(a)            |
| Certification Security Futures   | § 41.24(a)           |
| Delisting (No Open Interest)   | § 40.6(a)            |
| Approval   | § 40.5(a)            |
| Approval Made Available to Trade Determination   | § 40.5(a)            |
| Approval Security Futures  | § 41.24(c)           |
| Approval Amendments to enumerated agricultural products  | § 40.4(a), § 40.5(a) |
| "Non-Material Agricultural Rule Change"  | § 40.4(b)(5)         |
| Notification   | § 40.6(d)            |



August 4, 2016

# VIA ELECTRONIC PORTAL

Mr. Christopher J. Kirkpatrick Office of the Secretariat Commodity Futures Trading Commission Three Lafayette Centre 1155 21st Street, N.W. Washington, D.C. 20581

# Re: CFTC Regulation 40.2(a) Certification. Notification Regarding the Initial Listing of Thirty Two (32) ISO PJM Day-Ahead and Real-Time Electricity Futures Contracts. NYMEX Submission No. 16-293 (17 of 32)

Dear Mr. Kirkpatrick:

New York Mercantile Exchange, Inc. ("NYMEX" or "Exchange") is notifying the Commodity Futures Trading Commission ("CFTC" or "Commission") that it is self-certifying the initial listing of thirty two (32) ISO PJM Day-Ahead and Real-Time Electricity Futures contracts (the "Contracts") for trading on CME Globex and for submission for clearing via CME ClearPort, effective on Sunday, August 21, 2016 for trade date Monday, August 22, 2016, as described below.

| Contract Title   | Rulebook<br>Chapter | Commodity<br>Code |
|--|---------------------|-------------------|
| PJM AECO Zone Peak Calendar-<br>Day 5 MW Day-Ahead LMP Futures       | 1344                | PPC               |
| PJM APS Zone Peak Calendar-Day<br>5 MW Day-Ahead LMP Futures         | 1345                | PZP               |
| PJM ATSI Zone Peak Calendar-<br>Day 5 MW Day-Ahead LMP<br>Futures    | 1346                | РНР               |
| PJM BGE Zone Peak Calendar-Day<br>5 MW Day-Ahead LMP Futures         | 1347                | PBP               |
| PJM ComEd Zone Peak Calendar-<br>Day 5 MW Day-Ahead LMP Futures      | 1348                | PCP               |
| PJM DPL Zone Peak Calendar-Day<br>5 MW Day-Ahead LMP Futures         | 1349                | PUP               |
| PJM Duquesne Zone Peak<br>Calendar-Day 5 MW Day-Ahead<br>LMP Futures | 1350                | PQP               |

| Contract Title  | Rulebook<br>Chapter | Commodity<br>Code |
|---|---------------------|-------------------|
| PJM Eastern Hub Peak Calendar-<br>Day 5 MW Day-Ahead LMP<br>Futures   | 1351                | РҮР               |
| PJM JCPL Zone Peak Calendar-<br>Day 5 MW Day-Ahead LMP<br>Futures     | 1352                | PPL               |
| PJM METED Zone Peak Calendar-<br>Day 5 MW Day-Ahead LMP<br>Futures    | 1353                | PMP               |
| PJM PECO Zone Peak Calendar-<br>Day 5 MW Day-Ahead LMP<br>Futures     | 1354                | PVP               |
| PJM PENELEC Zone Peak<br>Calendar-Day 5 MW Day-Ahead<br>LMP Futures   | 1355                | РКР               |
| PJM PEPCO Zone Peak Calendar-<br>Day 5 MW Day-Ahead LMP<br>Futures    | 1356                | PXP               |
| PJM PPL Zone Peak Calendar-<br>Day 5 MW Day-Ahead LMP<br>Futures      | 1357                | PLP               |
| PJM PSEG Zone Peak Calendar-<br>Day 5 MW Day-Ahead LMP<br>Futures     | 1358                | PSP               |
| PJM ATSI Zone Peak Calendar-Day<br>5 MW Real-Time LMP Futures         | 1359                | PRP               |
| PJM ATSI Zone Off-Peak Calendar-<br>Day 5 MW Real-Time LMP Futures    | 1360                | PRO               |
| PJM AECO Zone Off-Peak<br>Calendar-Day 5 MW Day-Ahead<br>LMP Futures  | 1361                | PFO               |
| PJM APS Zone Off-Peak Calendar-<br>Day 5 MW Day-Ahead LMP Futures     | 1362                | PZO               |
| PJM ATSI Zone Off-Peak Calendar-<br>Day 5 MW Day-Ahead LMP<br>Futures | 1363                | РНО               |
| PJM BGE Zone Off-Peak Calendar-<br>Day 5 MW Day-Ahead LMP Futures     | 1364                | РВО               |

| Contract Title   | Rulebook<br>Chapter | Commodity<br>Code |
|--|---------------------|-------------------|
| PJM ComEd Zone Off-Peak<br>Calendar-Day 5 MW Day-Ahead<br>LMP Futures    | 1365                | PCO               |
| PJM DPL Zone Off-Peak Calendar-<br>Day 5 MW Day-Ahead LMP Futures        | 1366                | PUO               |
| PJM Duquesne Zone Off-Peak<br>Calendar-Day 5 MW Day-Ahead<br>LMP Futures | 1367                | PQO               |
| PJM Eastern Hub Off-Peak<br>Calendar-Day 5 MW Day-Ahead<br>LMP Futures   | 1368                | ΡΥΟ               |
| PJM JCPL Zone Off-Peak<br>Calendar-Day 5 MW Day-Ahead<br>LMP Futures     | 1369                | ΡΤΟ               |
| PJM METED Zone Off-Peak<br>Calendar-Day 5 MW Day-Ahead<br>LMP Futures    | 1370                | РМО               |
| PJM PECO Zone Off-Peak<br>Calendar-Day 5 MW Day-Ahead<br>LMP Futures     | 1371                | PVO               |
| PJM PENELEC Zone Off-Peak<br>Calendar-Day 5 MW Day-Ahead<br>LMP Futures  | 1372                | POC               |
| PJM PEPCO Zone Off-Peak<br>Calendar-Day 5 MW Day-Ahead<br>LMP Futures    | 1373                | РХО               |
| PJM PPL Zone Off-Peak Calendar-<br>Day 5 MW Day-Ahead LMP<br>Futures     | 1374                | PLO               |
| PJM PSEG Zone Off-Peak<br>Calendar-Day 5 MW Day-Ahead<br>LMP Futures     | 1375                | PSO               |

| Settlement Type | Financial  |
|-----------------|--|
| Contract Size   | <b>Peak:</b> The contract quantity shall be 80 Megawatt hours (MWh) based on a flow rate of 5 Megawatts (MW) per peak hour. Each futures contract shall be valued as the contract quantity multiplied by the settlement price. |
|                 | <b>Off Peak:</b> The contract quantity shall be 5 Megawatt hours (MWh). Each futures contract shall be valued as the contract quantity multiplied by the settlement price.   |

| Termination of Trading           | <ul><li>Day-Ahead: Trading shall cease on the business day prior to the contract day.</li><li>Real-Time: Trading shall cease on the contract day. If the contract day is not a business day, trading terminates on the previous business day.</li></ul> |
|----------------------------------|---|
| Minimum Price Fluctuation        | \$0.01 per MWh  |
| First Listed Day                 | August 22, 2016   |
| Listing Convention               | Daily contracts listed for the current month and next month   |
| CME Matching Algorithm           | F: First In, First Out (FIFO)   |
| Block Trade Minimum<br>Threshold | 10 contracts  |

# Exchange Fees Related to Peak Contracts

| Exchange Fees | Member | Cross-<br>Division | Non-Member | International<br>Incentive<br>Programs<br>(IIP/IVIP) |
|---------------|--------|--------------------|------------|--|
| CME Globex    | \$0.35 | \$0.37             | \$0.40     | \$0.385  |
| EFP           | \$0.35 |                    | \$0.40     |  |
| Block         | \$0.35 |                    | \$0.40     |  |
| EFR/EOO       | \$0.35 |                    | \$0.40     |  |
| Agency Cross  | \$0.35 |                    | \$0.40     |  |

| Processing Fees              | Member  | Non-Member |
|------------------------------|---------|------------|
| Cash Settlement              | \$0.105 | \$0.12     |
| Other Fees                   |         |            |
| Facilitation Fee             | \$0.02  |            |
| Give-Up Surcharge            | \$0.05  |            |
| Position Adjustment/Transfer | \$0.10  |            |

# Exchange Fees Related to Off-Peak Contracts

| Exchange Fees | Member   | Cross-<br>Division | Non-Member | International<br>Incentive<br>Programs<br>(IIP/IVIP) |
|---------------|----------|--------------------|------------|--|
| CME Globex    | \$0.0263 | \$0.0281           | \$0.03     | \$0.0289   |
| EFP           | \$0.0263 |                    | \$0.03     |  |
| Block         | \$0.0263 |                    | \$0.03     |  |
| EFR/EOO       | \$0.0263 |                    | \$0.03     |  |
| Agency Cross  | \$0.0263 |                    | \$0.03     |  |

| Processing Fees | Member   | Non-Member |
|-----------------|----------|------------|
| Cash Settlement | \$0.0079 | \$0.0090   |
| Other Fees      |          |            |

| Facilitation Fee             | \$0.02 |
|------------------------------|--------|
| Give-Up Surcharge            | \$0.05 |
| Position Adjustment/Transfer | \$0.10 |

# **Trading and Clearing Hours**

| CME Globex<br>and CME<br>ClearPort | Sunday - Friday 6:00 p.m 5:00 p.m. (5:00 p.m 4:00 p.m. Chicago Time/CT) with a 60-<br>minute break each day beginning at 5:00 p.m. (4:00 p.m. CT) |
|------------------------------------|---|
|------------------------------------|---|

The Exchange is also notifying the CFTC that it is self-certifying the insertion of the terms and conditions for the Contracts into the Position Limit, Position Accountability and Reportable Level Table and Header Notes located in the Interpretations and Special Notices Section of Chapter 5 of the NYMEX Rulebook in relation to the listing of the new contracts. These terms and conditions establish the all month/any one month accountability levels, expiration month position limit, reportable level, and aggregation allocation for the Contracts.

Please refer to Appendix B for the all month/any one month accountability levels, expiration month position limit, reportable level, and aggregation allocation for the 30 Contracts listed below.

| Contract Title  | Rulebook<br>Chapter | Commodity<br>Code |
|---|---------------------|-------------------|
|   |                     |                   |
| PJM AECO Zone Peak Calendar-<br>Day 5 MW Day-Ahead LMP Futures  | 1344                | PPC               |
|   |                     |                   |
| PJM APS Zone Peak Calendar-Day<br>5 MW Day-Ahead LMP Futures    | 1345                | PZP               |
| PJM ATSI Zone Peak Calendar-                                    |                     |                   |
| Day 5 MW Day-Ahead LMP<br>Futures                               | 1346                | PHP               |
|   |                     |                   |
| PJM BGE Zone Peak Calendar-Day<br>5 MW Day-Ahead LMP Futures    | 1347                | PBP               |
|   |                     |                   |
| PJM ComEd Zone Peak Calendar-<br>Day 5 MW Day-Ahead LMP Futures | 1348                | PCP               |
|   |                     |                   |
| PJM DPL Zone Peak Calendar-Day<br>5 MW Day-Ahead LMP Futures    | 1349                | PUP               |
| PJM Duquesne Zone Peak<br>Calendar-Day 5 MW Day-Ahead           |                     |                   |
| LMP Futures   | 1350                | PQP               |
| PJM Eastern Hub Peak Calendar-<br>Day 5 MW Day-Ahead LMP        |                     |                   |
| Futures   | 1351                | PYP               |

| Contract Title  | Rulebook<br>Chapter | Commodity<br>Code |
|---|---------------------|-------------------|
| PJM JCPL Zone Peak Calendar-<br>Day 5 MW Day-Ahead LMP<br>Futures     | 1352                | PPL               |
| PJM METED Zone Peak Calendar-<br>Day 5 MW Day-Ahead LMP<br>Futures    | 1353                | PMP               |
| PJM PECO Zone Peak Calendar-<br>Day 5 MW Day-Ahead LMP<br>Futures     | 1354                | PVP               |
| PJM PEPCO Zone Peak Calendar-<br>Day 5 MW Day-Ahead LMP<br>Futures    | 1356                | PXP               |
| PJM PPL Zone Peak Calendar-<br>Day 5 MW Day-Ahead LMP<br>Futures      | 1357                | PLP               |
| PJM PSEG Zone Peak Calendar-<br>Day 5 MW Day-Ahead LMP<br>Futures     | 1358                | PSP               |
| PJM ATSI Zone Peak Calendar-Day<br>5 MW Real-Time LMP Futures         | 1359                | PRP               |
| PJM ATSI Zone Off-Peak Calendar-<br>Day 5 MW Real-Time LMP Futures    | 1360                | PRO               |
| PJM AECO Zone Off-Peak<br>Calendar-Day 5 MW Day-Ahead<br>LMP Futures  | 1361                | PFO               |
| PJM APS Zone Off-Peak Calendar-<br>Day 5 MW Day-Ahead LMP Futures     | 1362                | PZO               |
| PJM ATSI Zone Off-Peak Calendar-<br>Day 5 MW Day-Ahead LMP<br>Futures | 1363                | РНО               |
| PJM BGE Zone Off-Peak Calendar-<br>Day 5 MW Day-Ahead LMP Futures     | 1364                | PBO               |
| PJM ComEd Zone Off-Peak<br>Calendar-Day 5 MW Day-Ahead<br>LMP Futures | 1365                | PCO               |
| PJM DPL Zone Off-Peak Calendar-<br>Day 5 MW Day-Ahead LMP Futures     | 1366                | PUO               |

| Contract Title   | Rulebook<br>Chapter | Commodity<br>Code |
|--|---------------------|-------------------|
| PJM Duquesne Zone Off-Peak<br>Calendar-Day 5 MW Day-Ahead<br>LMP Futures | 1367                | PQO               |
| PJM Eastern Hub Off-Peak<br>Calendar-Day 5 MW Day-Ahead<br>LMP Futures   | 1368                | ΡΥΟ               |
| PJM JCPL Zone Off-Peak<br>Calendar-Day 5 MW Day-Ahead<br>LMP Futures     | 1369                | ΡΤΟ               |
| PJM METED Zone Off-Peak<br>Calendar-Day 5 MW Day-Ahead<br>LMP Futures    | 1370                | РМО               |
| PJM PECO Zone Off-Peak<br>Calendar-Day 5 MW Day-Ahead<br>LMP Futures     | 1371                | PVO               |
| PJM PEPCO Zone Off-Peak<br>Calendar-Day 5 MW Day-Ahead<br>LMP Futures    | 1373                | PXO               |
| PJM PPL Zone Off-Peak Calendar-<br>Day 5 MW Day-Ahead LMP<br>Futures     | 1374                | PLO               |
| PJM PSEG Zone Off-Peak<br>Calendar-Day 5 MW Day-Ahead<br>LMP Futures     | 1375                | PSO               |

For the following two PJM Penelec Zone contracts, the all month/any one month accountability levels, expiration month position limit, reportable level, and aggregation allocation (limit levels) will remain the same until their corresponding August monthly parent contracts expire. Starting September 1, 2016, the two PJM Penelec contracts will assume new limit levels based on updated deliverable supply analysis. Please consult NYMEX Submission No. 16-294 dated July 22, 2016 for further reference to the deliverable supply and position limit analysis. Please refer to Appendix C for the limit level effective from August 22, 2016 through August 31, 2016. Please refer to Appendix D for the limit levels effective from September 1, 2016 and beyond.

| Contract Title  | Rulebook<br>Chapter | Commodity<br>Code |
|---|---------------------|-------------------|
| PJM PENELEC Zone Peak<br>Calendar-Day 5 MW Day-Ahead<br>LMP Futures     | 1355                | РКР               |
| PJM PENELEC Zone Off-Peak<br>Calendar-Day 5 MW Day-Ahead<br>LMP Futures | 1372                | POC               |

In addition, NYMEX is self-certifying block trading on the Contracts with a minimum block threshold of ten (10) contracts. This minimum block threshold level of ten (10) contracts is aligned with the Exchange's existing electricity contracts.

The Exchange reviewed the designated contract market core principles ("Core Principles") as set forth in the Commodity Exchange Act ("CEA" or "Act") and identified that the Contracts may have some bearing on the following Core Principles:

- <u>Compliance with Rules</u>: Trading in the Contracts will be subject to all NYMEX Rules, including prohibitions against fraudulent, noncompetitive, unfair and abusive practices as outlined in NYMEX Rule Chapter 4, the Exchange's trade practice rules, the majority of which are contained in Chapter 5 and Chapter 8 of the NYMEX Rulebook, and the dispute resolution and arbitration procedures of NYMEX Rule Chapter 6. As with all products listed for trading on one of CME Group's designated contract markets, trading activity in the Contracts will be subject to monitoring and surveillance by CME Group's Market Regulation Department. The Market Regulation Department has the authority to exercise its investigatory and enforcement power where potential rule violations are identified.
- <u>Contract Not Readily Subject to Manipulation</u>: The Contracts are not readily subject to manipulation as a result of the deep liquidity and robustness of the underlying cash market.
- <u>Monitoring of Trading</u>: Trading in the Contracts will be subject to the Rules of NYMEX, which
  include prohibitions on manipulation, price distortion, and disruption to the cash settlement
  process. As with any new product listed for trading on a CME Group designated contract market,
  trading activity in the futures Contracts proposed herein will be subject to monitoring and
  surveillance by CME Group's Market Regulation Department.
- <u>Position Limitations or Accountability</u>: The Exchange proposes spot month position limits of under 25% of deliverable supply based on RTO/ISO actual load information.
- <u>Availability of General Information</u>: The Exchange will publish on its website information in regard to Contracts specifications, terms, and conditions, as well as daily trading volume, open interest, and price information for the Contracts.
- <u>Daily Publication of Trading Information</u>: The Exchange will publish Contracts trading volumes, open interest levels, and price information daily on its website and through quote vendors for the Contracts.
- <u>Execution of Transactions</u>: The Contracts will be listed for trading on the CME Globex electronic trading and for clearing through CME ClearPort. The CME Globex trading venue provides for competitive and open execution of transactions. CME Globex affords the benefits of reliability and global connectivity.
- <u>**Trade Information**</u>: All requisite trade information for the Contracts will be included in the audit trail and is sufficient for the Market Regulation Department to monitor for market abuse.
- <u>Financial Integrity of Contract</u>: The Contracts will be cleared by the CME Clearing House, a
  derivatives clearing organization registered with the CFTC and subject to all CFTC regulations
  related thereto.
- <u>Protection of Market Participants</u>: NYMEX Rulebook Chapters 4 and 5 set forth multiple prohibitions that preclude intermediaries from disadvantaging their customers. These rules apply to trading in all of the Exchange's competitive trading venues.
- <u>Disciplinary Procedures</u>: Chapter 4 of the Rulebook contains provisions that allow the Exchange to discipline, suspend or expel members or market participants that violate the

Rulebook. Trading in the Contracts will be subject to Chapter 4, and the Market Regulation Department has the authority to exercise its enforcement power in the event rule violations in these products are identified.

• **Dispute Resolution**: Disputes with respect to trading in the Contracts will be subject to the arbitration provisions set forth in Chapter 6 of the Rulebook. Chapter 6 allows all nonmembers to submit a claim for financial losses resulting from transactions on the Exchange to arbitration. A member named as a respondent in a claim submitted by a nonmember is required to participate in the arbitration pursuant to Chapter 6. Additionally, the Exchange requires that members resolve all disputes concerning transactions on the Exchange via arbitration.

Pursuant to Section 5c(c) of the Act and CFTC Regulation 40.2(a), the Exchange hereby certifies that listing the Contracts complies with the Act, including regulations under the Act. There were no substantive opposing views to listing of the Contracts.

The Exchange certifies that this submission has been concurrently posted on the Exchange's website at <a href="http://www.cmegroup.com/market-regulation/rule-filings.html">http://www.cmegroup.com/market-regulation/rule-filings.html</a>.

Should you have any questions concerning the above, please contact the undersigned at (212) 299-2200 or via e-mail at <u>CMEGSubmissionInquiry@cmegroup.com</u>.

Sincerely,

/s/ Christopher Bowen Managing Director and Chief Regulatory Counsel

- Attachments: Appendix A: NYMEX Rulebook Chapters
  - Appendix B: Position Limit, Position Accountability, and Reportable Level Table in Chapter 5 of the NYMEX Rulebook for 30 PJM Contracts excluding two Penelec contracts (Effective August 22, 2016) (attached under separate cover)
  - Appendix C: Position Limit, Position Accountability, and Reportable Level Table in Chapter 5 of the NYMEX Rulebook for two Penelec contracts (Effective from August 22, 2016 through August 31, 2016) (attached under separate cover)
  - Appendix D: Position Limit, Position Accountability, and Reportable Level Table in Chapter 5 of the NYMEX Rulebook for two Penelec contracts (Effective September 1, 2016 and beyond) (attached under separate cover)
  - Appendix E: NYMEX Rule 588.H. ("Globex Non-Reviewable Trading Ranges")
  - Appendix F: Cash Market Overview and Analysis of Deliverable Supply

# APPENDIX A

# NYMEX Rulebook Chapters

# Chapter 1344 PJM AECO Zone Peak Calendar-Day 5MW Day-Ahead LMP Futures

## 1344100. SCOPE OF CHAPTER

The provisions of these rules shall apply to all futures contracts bought or sold on the Exchange for cash settlement based on the Floating Price. The procedures for trading, clearing and cash settlement of this contract, and any other matters not specifically covered herein shall be governed by the general rules of the Exchange.

## 1344101. CONTRACT SPECIFICATIONS

The Floating Price for each contract day will be equal to the arithmetic average of the PJM AECO Zone Day-Ahead LMP for peak hours provided by PJM Interconnection, LLC (PJM), for the contract day. For settlement of this contract, the prices provided by PJM will be considered final on the Payment Date and will not be subject to any further adjustment.

## 1344102. TRADING SPECIFICATIONS

The number of days open for trading at a given time shall be determined by the Exchange.

#### 1344102.A. Trading Schedule

The hours of trading for this contract shall be determined by the Exchange.

#### 1344102.B. Trading Unit

The contract quantity shall be 80 Megawatt hours (MWh) based on a flow rate of 5 Megawatts (MW) per peak hour. Each futures contract shall be valued as the contract quantity multiplied by the settlement price.

#### 1344102.C. Peak Days and Peak Hours

Peak day shall mean a Monday through Friday, excluding North American Electric Reliability Corporation holidays. Peak hour shall mean from Hour Ending (HE) 0800 Eastern Prevailing Time (EPT) through HE 2300 EPT.

## 1344102.D. Price Increments

Prices shall be quoted in U.S. dollars and cents per MWh. The minimum price fluctuation shall be \$0.01 per MWh.

#### 1344102.E. Position Limits, Exemptions, Position Accountability and Reportable Levels

The applicable position limits and/or accountability levels, in addition to the reportable levels, are set forth in the Position Limit, Position Accountability and Reportable Level Table in the Interpretations & Special Notices Section of Chapter 5.

A Person seeking an exemption from position limits for bona fide commercial purposes shall apply to the Market Regulation Department on forms provided by the Exchange, and the Market Regulation Department may grant qualified exemptions in its sole discretion.

Refer to Rule 559 for requirements concerning the aggregation of positions and allowable exemptions from the specified position limits.

#### 1344102.F. Termination of Trading

Trading shall cease on the business day prior to the contract day.

## 1344102.G. Payment Date

Payment Date shall be five (5) business days following termination of trading.

# Chapter 1345 PJM APS Zone Peak Calendar-Day 5MW Day-Ahead LMP Futures

## 1345100. SCOPE OF CHAPTER

The provisions of these rules shall apply to all futures contracts bought or sold on the Exchange for cash settlement based on the Floating Price. The procedures for trading, clearing and cash settlement of this contract, and any other matters not specifically covered herein shall be governed by the general rules of the Exchange.

# 1345101. CONTRACT SPECIFICATIONS

The Floating Price for each contract day will be equal to the arithmetic average of the PJM APS Zone Day-Ahead LMP for peak hours provided by PJM Interconnection, LLC (PJM), for the contract day. For settlement of this contract, the prices provided by PJM will be considered final on the Payment Date and will not be subject to any further adjustment.

# 1345102. TRADING SPECIFICATIONS

The number of days open for trading at a given time shall be determined by the Exchange.

## 1345102.A. Trading Schedule

The hours of trading for this contract shall be determined by the Exchange.

## 1345102.B. Trading Unit

The contract quantity shall be 80 Megawatt hours (MWh) based on a flow rate of 5 Megawatts (MW) per peak hour. Each futures contract shall be valued as the contract quantity multiplied by the settlement price.

#### 1345102.C. Peak Days and Peak Hours

Peak day shall mean a Monday through Friday, excluding North American Electric Reliability Corporation holidays. Peak hour shall mean from Hour Ending (HE) 0800 Eastern Prevailing Time (EPT) through HE 2300 EPT.

#### 1345102.D. Price Increments

Prices shall be quoted in U.S. dollars and cents per MWh. The minimum price fluctuation shall be \$0.01 per MWh.

# 1345102.E. Position Limits, Exemptions, Position Accountability and Reportable Levels

The applicable position limits and/or accountability levels, in addition to the reportable levels, are set forth in the Position Limit, Position Accountability and Reportable Level Table in the Interpretations & Special Notices Section of Chapter 5.

A Person seeking an exemption from position limits for bona fide commercial purposes shall apply to the Market Regulation Department on forms provided by the Exchange, and the Market Regulation Department may grant qualified exemptions in its sole discretion.

Refer to Rule 559 for requirements concerning the aggregation of positions and allowable exemptions from the specified position limits.

## 1345102.F. Termination of Trading

Trading shall cease on the business day prior to the contract day.

#### 1345102.G. Payment Date

Payment Date shall be five (5) business days following termination of trading.

# Chapter 1346 PJM ATSI Zone Peak Calendar-Day 5MW Day-Ahead LMP Futures

# 1346100. SCOPE OF CHAPTER

The provisions of these rules shall apply to all futures contracts bought or sold on the Exchange for cash settlement based on the Floating Price. The procedures for trading, clearing and cash settlement of this contract, and any other matters not specifically covered herein shall be governed by the general rules of the Exchange.

## 1346101. CONTRACT SPECIFICATIONS

The Floating Price for each contract day will be equal to the arithmetic average of the PJM ATSI Zone Day-Ahead LMP for peak hours provided by PJM Interconnection, LLC (PJM), for the contract day. For settlement of this contract, the prices provided by PJM will be considered final on the Payment Date and will not be subject to any further adjustment.

#### 1346102. TRADING SPECIFICATIONS

The number of days open for trading at a given time shall be determined by the Exchange.

#### 1346102.A. Trading Schedule

The hours of trading for this contract shall be determined by the Exchange.

#### 1346102.B. Trading Unit

The contract quantity shall be 80 Megawatt hours (MWh) based on a flow rate of 5 Megawatts (MW) per peak hour. Each futures contract shall be valued as the contract quantity multiplied by the settlement price.

## 1346102.C. Peak Days and Peak Hours

Peak day shall mean a Monday through Friday, excluding North American Electric Reliability Corporation holidays. Peak hour shall mean from Hour Ending (HE) 0800 Eastern Prevailing Time (EPT) through HE 2300 EPT.

#### 1346102.D. Price Increments

Prices shall be quoted in U.S. dollars and cents per MWh. The minimum price fluctuation shall be \$0.01 per MWh.

#### 1346102.E. Position Limits, Exemptions, Position Accountability and Reportable Levels

The applicable position limits and/or accountability levels, in addition to the reportable levels, are set forth in the Position Limit, Position Accountability and Reportable Level Table in the Interpretations & Special Notices Section of Chapter 5.

A Person seeking an exemption from position limits for bona fide commercial purposes shall apply to the Market Regulation Department on forms provided by the Exchange, and the Market Regulation Department may grant qualified exemptions in its sole discretion.

Refer to Rule 559 for requirements concerning the aggregation of positions and allowable exemptions from the specified position limits.

#### 1346102.F. Termination of Trading

Trading shall cease on the business day prior to the contract day.

#### 1346102.G. Payment Date

Payment Date shall be five (5) business days following termination of trading.

# Chapter 1347 PJM BGE Zone Peak Calendar-Day 5MW Day-Ahead LMP Futures

# 1347100. SCOPE OF CHAPTER

The provisions of these rules shall apply to all futures contracts bought or sold on the Exchange for cash settlement based on the Floating Price. The procedures for trading, clearing and cash settlement of this contract, and any other matters not specifically covered herein shall be governed by the general rules of the Exchange.

# 1347101. CONTRACT SPECIFICATIONS

The Floating Price for each contract day will be equal to the arithmetic average of the PJM BGE Zone Day-Ahead LMP for peak hours provided by PJM Interconnection, LLC (PJM), for the contract day. For settlement of this contract, the prices provided by PJM will be considered final on the Payment Date and will not be subject to any further adjustment.

# 1347102. TRADING SPECIFICATIONS

The number of days open for trading at a given time shall be determined by the Exchange.

#### 1347102.A. Trading Schedule

The hours of trading for this contract shall be determined by the Exchange.

#### 1347102.B. Trading Unit

The contract quantity shall be 80 Megawatt hours (MWh) based on a flow rate of 5 Megawatts (MW) per peak hour. Each futures contract shall be valued as the contract quantity multiplied by the settlement price.

# 1347102.C. Peak Days and Peak Hours

Peak day shall mean a Monday through Friday, excluding North American Electric Reliability Corporation holidays. Peak hour shall mean from Hour Ending (HE) 0800 Eastern Prevailing Time (EPT) through HE 2300 EPT.

#### 1347102.D. Price Increments

Prices shall be quoted in U.S. dollars and cents per MWh. The minimum price fluctuation shall be \$0.01 per MWh.

#### 1347102.E. Position Limits, Exemptions, Position Accountability and Reportable Levels

The applicable position limits and/or accountability levels, in addition to the reportable levels, are set forth in the Position Limit, Position Accountability and Reportable Level Table in the Interpretations & Special Notices Section of Chapter 5.

A Person seeking an exemption from position limits for bona fide commercial purposes shall apply to the Market Regulation Department on forms provided by the Exchange, and the Market Regulation Department may grant qualified exemptions in its sole discretion.

Refer to Rule 559 for requirements concerning the aggregation of positions and allowable exemptions from the specified position limits.

#### 1347102.F. Termination of Trading

Trading shall cease on the business day prior to the contract day.

#### 1347102.G. Payment Date

Payment Date shall be five (5) business days following termination of trading.

# Chapter 1348 PJM ComEd Zone Peak Calendar-Day 5MW Day-Ahead LMP Futures

# 1348100. SCOPE OF CHAPTER

The provisions of these rules shall apply to all futures contracts bought or sold on the Exchange for cash settlement based on the Floating Price. The procedures for trading, clearing and cash settlement of this contract, and any other matters not specifically covered herein shall be governed by the general rules of the Exchange.

# 1348101. CONTRACT SPECIFICATIONS

The Floating Price for each contract day will be equal to the arithmetic average of the PJM ComEd Zone Day-Ahead LMP for peak hours provided by PJM Interconnection, LLC (PJM), for the contract day. For settlement of this contract, the prices provided by PJM will be considered final on the Payment Date and will not be subject to any further adjustment.

# 1348102. TRADING SPECIFICATIONS

The number of days open for trading at a given time shall be determined by the Exchange.

#### 1348102.A. Trading Schedule

The hours of trading for this contract shall be determined by the Exchange.

#### 1348102.B. Trading Unit

The contract quantity shall be 80 Megawatt hours (MWh) based on a flow rate of 5 Megawatts (MW) per peak hour. Each futures contract shall be valued as the contract quantity multiplied by the settlement price.

# 1348102.C. Peak Days and Peak Hours

Peak day shall mean a Monday through Friday, excluding North American Electric Reliability Corporation holidays. Peak hour shall mean from Hour Ending (HE) 0800 Eastern Prevailing Time (EPT) through HE 2300 EPT.

#### 1348102.D. Price Increments

Prices shall be quoted in U.S. dollars and cents per MWh. The minimum price fluctuation shall be \$0.01 per MWh.

#### 1348102.E. Position Limits, Exemptions, Position Accountability and Reportable Levels

The applicable position limits and/or accountability levels, in addition to the reportable levels, are set forth in the Position Limit, Position Accountability and Reportable Level Table in the Interpretations & Special Notices Section of Chapter 5.

A Person seeking an exemption from position limits for bona fide commercial purposes shall apply to the Market Regulation Department on forms provided by the Exchange, and the Market Regulation Department may grant qualified exemptions in its sole discretion.

Refer to Rule 559 for requirements concerning the aggregation of positions and allowable exemptions from the specified position limits.

#### 1348102.F. Termination of Trading

Trading shall cease on the business day prior to the contract day.

#### 1348102.G. Payment Date

Payment Date shall be five (5) business days following termination of trading.

# Chapter 1349 PJM DPL Zone Peak Calendar-Day 5MW Day-Ahead LMP Futures

# 1349100. SCOPE OF CHAPTER

The provisions of these rules shall apply to all futures contracts bought or sold on the Exchange for cash settlement based on the Floating Price. The procedures for trading, clearing and cash settlement of this contract, and any other matters not specifically covered herein shall be governed by the general rules of the Exchange.

# 1349101. CONTRACT SPECIFICATIONS

The Floating Price for each contract day will be equal to the arithmetic average of the PJM DPL Zone Day-Ahead LMP for peak hours provided by PJM Interconnection, LLC (PJM), for the contract day. For settlement of this contract, the prices provided by PJM will be considered final on the Payment Date and will not be subject to any further adjustment.

# 1349102. TRADING SPECIFICATIONS

The number of days open for trading at a given time shall be determined by the Exchange.

#### 1349102.A. Trading Schedule

The hours of trading for this contract shall be determined by the Exchange.

#### 1349102.B. Trading Unit

The contract quantity shall be 80 Megawatt hours (MWh) based on a flow rate of 5 Megawatts (MW) per peak hour. Each futures contract shall be valued as the contract quantity multiplied by the settlement price.

# 1349102.C. Peak Days and Peak Hours

Peak day shall mean a Monday through Friday, excluding North American Electric Reliability Corporation holidays. Peak hour shall mean from Hour Ending (HE) 0800 Eastern Prevailing Time (EPT) through HE 2300 EPT.

#### 1349102.D. Price Increments

Prices shall be quoted in U.S. dollars and cents per MWh. The minimum price fluctuation shall be \$0.01 per MWh.

#### 1349102.E. Position Limits, Exemptions, Position Accountability and Reportable Levels

The applicable position limits and/or accountability levels, in addition to the reportable levels, are set forth in the Position Limit, Position Accountability and Reportable Level Table in the Interpretations & Special Notices Section of Chapter 5.

A Person seeking an exemption from position limits for bona fide commercial purposes shall apply to the Market Regulation Department on forms provided by the Exchange, and the Market Regulation Department may grant qualified exemptions in its sole discretion.

Refer to Rule 559 for requirements concerning the aggregation of positions and allowable exemptions from the specified position limits.

#### 1349102.F. Termination of Trading

Trading shall cease on the business day prior to the contract day.

#### 1349102.G. Payment Date

Payment Date shall be five (5) business days following termination of trading.

# Chapter 1350 PJM Duquesne Zone Peak Calendar-Day 5MW Day-Ahead LMP Futures

# 1350100. SCOPE OF CHAPTER

The provisions of these rules shall apply to all futures contracts bought or sold on the Exchange for cash settlement based on the Floating Price. The procedures for trading, clearing and cash settlement of this contract, and any other matters not specifically covered herein shall be governed by the general rules of the Exchange.

# 1350101. CONTRACT SPECIFICATIONS

The Floating Price for each contract day will be equal to the arithmetic average of the PJM Duquesne Zone Day-Ahead LMP for peak hours provided by PJM Interconnection, LLC (PJM), for the contract day. For settlement of this contract, the prices provided by PJM will be considered final on the Payment Date and will not be subject to any further adjustment.

# 1350102. TRADING SPECIFICATIONS

The number of days open for trading at a given time shall be determined by the Exchange.

#### 1350102.A. Trading Schedule

The hours of trading for this contract shall be determined by the Exchange.

#### 1350102.B. Trading Unit

The contract quantity shall be 80 Megawatt hours (MWh) based on a flow rate of 5 Megawatts (MW) per peak hour. Each futures contract shall be valued as the contract quantity multiplied by the settlement price.

# 1350102.C. Peak Days and Peak Hours

Peak day shall mean a Monday through Friday, excluding North American Electric Reliability Corporation holidays. Peak hour shall mean from Hour Ending (HE) 0800 Eastern Prevailing Time (EPT) through HE 2300 EPT.

#### 1350102.D. Price Increments

Prices shall be quoted in U.S. dollars and cents per MWh. The minimum price fluctuation shall be \$0.01 per MWh.

#### 1350102.E. Position Limits, Exemptions, Position Accountability and Reportable Levels

The applicable position limits and/or accountability levels, in addition to the reportable levels, are set forth in the Position Limit, Position Accountability and Reportable Level Table in the Interpretations & Special Notices Section of Chapter 5.

A Person seeking an exemption from position limits for bona fide commercial purposes shall apply to the Market Regulation Department on forms provided by the Exchange, and the Market Regulation Department may grant qualified exemptions in its sole discretion.

Refer to Rule 559 for requirements concerning the aggregation of positions and allowable exemptions from the specified position limits.

#### 1350102.F. Termination of Trading

Trading shall cease on the business day prior to the contract day.

#### 1350102.G. Payment Date

Payment Date shall be five (5) business days following termination of trading.

# Chapter 1351 PJM Eastern Hub Peak Calendar-Day 5MW Day-Ahead LMP Futures

# 1351100. SCOPE OF CHAPTER

The provisions of these rules shall apply to all futures contracts bought or sold on the Exchange for cash settlement based on the Floating Price. The procedures for trading, clearing and cash settlement of this contract, and any other matters not specifically covered herein shall be governed by the general rules of the Exchange.

# 1351101. CONTRACT SPECIFICATIONS

The Floating Price for each contract day will be equal to the arithmetic average of the PJM Eastern Hub Day-Ahead LMP for peak hours provided by PJM Interconnection, LLC (PJM), for the contract day. For settlement of this contract, the prices provided by PJM will be considered final on the Payment Date and will not be subject to any further adjustment.

# 1351102. TRADING SPECIFICATIONS

The number of days open for trading at a given time shall be determined by the Exchange.

#### 1351102.A. Trading Schedule

The hours of trading for this contract shall be determined by the Exchange.

#### 1351102.B. Trading Unit

The contract quantity shall be 80 Megawatt hours (MWh) based on a flow rate of 5 Megawatts (MW) per peak hour. Each futures contract shall be valued as the contract quantity multiplied by the settlement price.

# 1351102.C. Peak Days and Peak Hours

Peak day shall mean a Monday through Friday, excluding North American Electric Reliability Corporation holidays. Peak hour shall mean from Hour Ending (HE) 0800 Eastern Prevailing Time (EPT) through HE 2300 EPT.

#### 1351102.D. Price Increments

Prices shall be quoted in U.S. dollars and cents per MWh. The minimum price fluctuation shall be \$0.01 per MWh.

#### 1351102.E. Position Limits, Exemptions, Position Accountability and Reportable Levels

The applicable position limits and/or accountability levels, in addition to the reportable levels, are set forth in the Position Limit, Position Accountability and Reportable Level Table in the Interpretations & Special Notices Section of Chapter 5.

A Person seeking an exemption from position limits for bona fide commercial purposes shall apply to the Market Regulation Department on forms provided by the Exchange, and the Market Regulation Department may grant qualified exemptions in its sole discretion.

Refer to Rule 559 for requirements concerning the aggregation of positions and allowable exemptions from the specified position limits.

#### 1351102.F. Termination of Trading

Trading shall cease on the business day prior to the contract day.

#### 1351102.G. Payment Date

Payment Date shall be five (5) business days following termination of trading.

# Chapter 1352 PJM JCPL Zone Peak Calendar-Day 5MW Day-Ahead LMP Futures

# 1352100. SCOPE OF CHAPTER

The provisions of these rules shall apply to all futures contracts bought or sold on the Exchange for cash settlement based on the Floating Price. The procedures for trading, clearing and cash settlement of this contract, and any other matters not specifically covered herein shall be governed by the general rules of the Exchange.

# 1352101. CONTRACT SPECIFICATIONS

The Floating Price for each contract day will be equal to the arithmetic average of the PJM JCPL Zone Day-Ahead LMP for peak hours provided by PJM Interconnection, LLC (PJM), for the contract day. For settlement of this contract, the prices provided by PJM will be considered final on the Payment Date and will not be subject to any further adjustment.

# 1352102. TRADING SPECIFICATIONS

The number of days open for trading at a given time shall be determined by the Exchange.

#### 1352102.A. Trading Schedule

The hours of trading for this contract shall be determined by the Exchange.

#### 1352102.B. Trading Unit

The contract quantity shall be 80 Megawatt hours (MWh) based on a flow rate of 5 Megawatts (MW) per peak hour. Each futures contract shall be valued as the contract quantity multiplied by the settlement price.

# 1352102.C. Peak Days and Peak Hours

Peak day shall mean a Monday through Friday, excluding North American Electric Reliability Corporation holidays. Peak hour shall mean from Hour Ending (HE) 0800 Eastern Prevailing Time (EPT) through HE 2300 EPT.

# 1352102.D. Price Increments

Prices shall be quoted in U.S. dollars and cents per MWh. The minimum price fluctuation shall be \$0.01 per MWh.

#### 1352102.E. Position Limits, Exemptions, Position Accountability and Reportable Levels

The applicable position limits and/or accountability levels, in addition to the reportable levels, are set forth in the Position Limit, Position Accountability and Reportable Level Table in the Interpretations & Special Notices Section of Chapter 5.

A Person seeking an exemption from position limits for bona fide commercial purposes shall apply to the Market Regulation Department on forms provided by the Exchange, and the Market Regulation Department may grant qualified exemptions in its sole discretion.

Refer to Rule 559 for requirements concerning the aggregation of positions and allowable exemptions from the specified position limits.

#### 1352102.F. Termination of Trading

Trading shall cease on the business day prior to the contract day.

#### 1352102.G. Payment Date

Payment Date shall be five (5) business days following termination of trading.

# Chapter 1353 PJM METED Zone Peak Calendar-Day 5MW Day-Ahead LMP Futures

# 1353100. SCOPE OF CHAPTER

The provisions of these rules shall apply to all futures contracts bought or sold on the Exchange for cash settlement based on the Floating Price. The procedures for trading, clearing and cash settlement of this contract, and any other matters not specifically covered herein shall be governed by the general rules of the Exchange.

# 1353101. CONTRACT SPECIFICATIONS

The Floating Price for each contract day will be equal to the arithmetic average of the PJM METED Zone Day-Ahead LMP for peak hours provided by PJM Interconnection, LLC (PJM), for the contract day. For settlement of this contract, the prices provided by PJM will be considered final on the Payment Date and will not be subject to any further adjustment.

# 1353102. TRADING SPECIFICATIONS

The number of days open for trading at a given time shall be determined by the Exchange.

#### 1353102.A. Trading Schedule

The hours of trading for this contract shall be determined by the Exchange.

#### 1353102.B. Trading Unit

The contract quantity shall be 80 Megawatt hours (MWh) based on a flow rate of 5 Megawatts (MW) per peak hour. Each futures contract shall be valued as the contract quantity multiplied by the settlement price.

# 1353102.C. Peak Days and Peak Hours

Peak day shall mean a Monday through Friday, excluding North American Electric Reliability Corporation holidays. Peak hour shall mean from Hour Ending (HE) 0800 Eastern Prevailing Time (EPT) through HE 2300 EPT.

#### 1353102.D. Price Increments

Prices shall be quoted in U.S. dollars and cents per MWh. The minimum price fluctuation shall be \$0.01 per MWh.

#### 1353102.E. Position Limits, Exemptions, Position Accountability and Reportable Levels

The applicable position limits and/or accountability levels, in addition to the reportable levels, are set forth in the Position Limit, Position Accountability and Reportable Level Table in the Interpretations & Special Notices Section of Chapter 5.

A Person seeking an exemption from position limits for bona fide commercial purposes shall apply to the Market Regulation Department on forms provided by the Exchange, and the Market Regulation Department may grant qualified exemptions in its sole discretion.

Refer to Rule 559 for requirements concerning the aggregation of positions and allowable exemptions from the specified position limits.

#### 1353102.F. Termination of Trading

Trading shall cease on the business day prior to the contract day.

#### 1353102.G. Payment Date

Payment Date shall be five (5) business days following termination of trading.

# Chapter 1354 PJM PECO Zone Peak Calendar-Day 5MW Day-Ahead LMP Futures

# 1354100. SCOPE OF CHAPTER

The provisions of these rules shall apply to all futures contracts bought or sold on the Exchange for cash settlement based on the Floating Price. The procedures for trading, clearing and cash settlement of this contract, and any other matters not specifically covered herein shall be governed by the general rules of the Exchange.

# 1354101. CONTRACT SPECIFICATIONS

The Floating Price for each contract day will be equal to the arithmetic average of the PJM PECO Zone Day-Ahead LMP for peak hours provided by PJM Interconnection, LLC (PJM), for the contract day. For settlement of this contract, the prices provided by PJM will be considered final on the Payment Date and will not be subject to any further adjustment.

# 1354102. TRADING SPECIFICATIONS

The number of days open for trading at a given time shall be determined by the Exchange.

# 1354102.A. Trading Schedule

The hours of trading for this contract shall be determined by the Exchange.

#### 1354102.B. Trading Unit

The contract quantity shall be 80 Megawatt hours (MWh) based on a flow rate of 5 Megawatts (MW) per peak hour. Each futures contract shall be valued as the contract quantity multiplied by the settlement price.

## 1354102.C. Peak Days and Peak Hours

Peak day shall mean a Monday through Friday, excluding North American Electric Reliability Corporation holidays. Peak hour shall mean from Hour Ending (HE) 0800 Eastern Prevailing Time (EPT) through HE 2300 EPT.

## 1354102.D. Price Increments

Prices shall be quoted in U.S. dollars and cents per MWh. The minimum price fluctuation shall be \$0.01 per MWh.

#### 1354102.E. Position Limits, Exemptions, Position Accountability and Reportable Levels

The applicable position limits and/or accountability levels, in addition to the reportable levels, are set forth in the Position Limit, Position Accountability and Reportable Level Table in the Interpretations & Special Notices Section of Chapter 5.

A Person seeking an exemption from position limits for bona fide commercial purposes shall apply to the Market Regulation Department on forms provided by the Exchange, and the Market Regulation Department may grant qualified exemptions in its sole discretion.

Refer to Rule 559 for requirements concerning the aggregation of positions and allowable exemptions from the specified position limits.

#### 1354102.F. Termination of Trading

Trading shall cease on the business day prior to the contract day.

#### 1354102.G. Payment Date

Payment Date shall be five (5) business days following termination of trading.

# Chapter 1355 PJM PENELEC Zone Peak Calendar-Day 5MW Day-Ahead LMP Futures

# 1355100. SCOPE OF CHAPTER

The provisions of these rules shall apply to all futures contracts bought or sold on the Exchange for cash settlement based on the Floating Price. The procedures for trading, clearing and cash settlement of this contract, and any other matters not specifically covered herein shall be governed by the general rules of the Exchange.

## 1355101. CONTRACT SPECIFICATIONS

The Floating Price for each contract day will be equal to the arithmetic average of the PJM PENELEC Zone Day-Ahead LMP for peak hours provided by PJM Interconnection, LLC (PJM), for the contract day. For settlement of this contract, the prices provided by PJM will be considered final on the Payment Date and will not be subject to any further adjustment.

#### 1355102. TRADING SPECIFICATIONS

The number of days open for trading at a given time shall be determined by the Exchange.

#### 1355102.A. Trading Schedule

The hours of trading for this contract shall be determined by the Exchange.

#### 1355102.B. Trading Unit

The contract quantity shall be 80 Megawatt hours (MWh) based on a flow rate of 5 Megawatts (MW) per peak hour. Each futures contract shall be valued as the contract quantity multiplied by the settlement price.

## 1355102.C. Peak Days and Peak Hours

Peak day shall mean a Monday through Friday, excluding North American Electric Reliability Corporation holidays. Peak hour shall mean from Hour Ending (HE) 0800 Eastern Prevailing Time (EPT) through HE 2300 EPT.

#### 1355102.D. Price Increments

Prices shall be quoted in U.S. dollars and cents per MWh. The minimum price fluctuation shall be \$0.01 per MWh.

#### 1355102.E. Position Limits, Exemptions, Position Accountability and Reportable Levels

The applicable position limits and/or accountability levels, in addition to the reportable levels, are set forth in the Position Limit, Position Accountability and Reportable Level Table in the Interpretations & Special Notices Section of Chapter 5.

A Person seeking an exemption from position limits for bona fide commercial purposes shall apply to the Market Regulation Department on forms provided by the Exchange, and the Market Regulation Department may grant qualified exemptions in its sole discretion.

Refer to Rule 559 for requirements concerning the aggregation of positions and allowable exemptions from the specified position limits.

#### 1355102.F. Termination of Trading

Trading shall cease on the business day prior to the contract day.

#### 1355102.G. Payment Date

Payment Date shall be five (5) business days following termination of trading.

# Chapter 1356 PJM PEPCO Zone Peak Calendar-Day 5MW Day-Ahead LMP Futures

# 1356100. SCOPE OF CHAPTER

The provisions of these rules shall apply to all futures contracts bought or sold on the Exchange for cash settlement based on the Floating Price. The procedures for trading, clearing and cash settlement of this contract, and any other matters not specifically covered herein shall be governed by the general rules of the Exchange.

# 1356101. CONTRACT SPECIFICATIONS

The Floating Price for each contract day will be equal to the arithmetic average of the PJM PEPCO Zone Day-Ahead LMP for peak hours provided by PJM Interconnection, LLC (PJM), for the contract day. For settlement of this contract, the prices provided by PJM will be considered final on the Payment Date and will not be subject to any further adjustment.

# 1356102. TRADING SPECIFICATIONS

The number of days open for trading at a given time shall be determined by the Exchange.

#### 1356102.A. Trading Schedule

The hours of trading for this contract shall be determined by the Exchange.

#### 1356102.B. Trading Unit

The contract quantity shall be 80 Megawatt hours (MWh) based on a flow rate of 5 Megawatts (MW) per peak hour. Each futures contract shall be valued as the contract quantity multiplied by the settlement price.

# 1356102.C. Peak Days and Peak Hours

Peak day shall mean a Monday through Friday, excluding North American Electric Reliability Corporation holidays. Peak hour shall mean from Hour Ending (HE) 0800 Eastern Prevailing Time (EPT) through HE 2300 EPT.

# 1356102.D. Price Increments

Prices shall be quoted in U.S. dollars and cents per MWh. The minimum price fluctuation shall be \$0.01 per MWh.

#### 1356102.E. Position Limits, Exemptions, Position Accountability and Reportable Levels

The applicable position limits and/or accountability levels, in addition to the reportable levels, are set forth in the Position Limit, Position Accountability and Reportable Level Table in the Interpretations & Special Notices Section of Chapter 5.

A Person seeking an exemption from position limits for bona fide commercial purposes shall apply to the Market Regulation Department on forms provided by the Exchange, and the Market Regulation Department may grant qualified exemptions in its sole discretion.

Refer to Rule 559 for requirements concerning the aggregation of positions and allowable exemptions from the specified position limits.

#### 1356102.F. Termination of Trading

Trading shall cease on the business day prior to the contract day.

#### 1356102.G. Payment Date

Payment Date shall be five (5) business days following termination of trading.

# Chapter 1357 PJM PPL Zone Peak Calendar-Day 5MW Day-Ahead LMP Futures

# 1357100. SCOPE OF CHAPTER

The provisions of these rules shall apply to all futures contracts bought or sold on the Exchange for cash settlement based on the Floating Price. The procedures for trading, clearing and cash settlement of this contract, and any other matters not specifically covered herein shall be governed by the general rules of the Exchange.

# 1357101. CONTRACT SPECIFICATIONS

The Floating Price for each contract day will be equal to the arithmetic average of the PJM PPL Zone Day-Ahead LMP for peak hours provided by PJM Interconnection, LLC (PJM), for the contract day. For settlement of this contract, the prices provided by PJM will be considered final on the Payment Date and will not be subject to any further adjustment.

# 1357102. TRADING SPECIFICATIONS

The number of days open for trading at a given time shall be determined by the Exchange.

#### 1357102.A. Trading Schedule

The hours of trading for this contract shall be determined by the Exchange.

#### 1357102.B. Trading Unit

The contract quantity shall be 80 Megawatt hours (MWh) based on a flow rate of 5 Megawatts (MW) per peak hour. Each futures contract shall be valued as the contract quantity multiplied by the settlement price.

# 1357102.C. Peak Days and Peak Hours

Peak day shall mean a Monday through Friday, excluding North American Electric Reliability Corporation holidays. Peak hour shall mean from Hour Ending (HE) 0800 Eastern Prevailing Time (EPT) through HE 2300 EPT.

#### 1357102.D. Price Increments

Prices shall be quoted in U.S. dollars and cents per MWh. The minimum price fluctuation shall be \$0.01 per MWh.

#### 1357102.E. Position Limits, Exemptions, Position Accountability and Reportable Levels

The applicable position limits and/or accountability levels, in addition to the reportable levels, are set forth in the Position Limit, Position Accountability and Reportable Level Table in the Interpretations & Special Notices Section of Chapter 5.

A Person seeking an exemption from position limits for bona fide commercial purposes shall apply to the Market Regulation Department on forms provided by the Exchange, and the Market Regulation Department may grant qualified exemptions in its sole discretion.

Refer to Rule 559 for requirements concerning the aggregation of positions and allowable exemptions from the specified position limits.

#### 1357102.F. Termination of Trading

Trading shall cease on the business day prior to the contract day.

#### 1357102.G. Payment Date

Payment Date shall be five (5) business days following termination of trading.

# Chapter 1358 PJM PSEG Zone Peak Calendar-Day 5MW Day-Ahead LMP Futures

# 1358100. SCOPE OF CHAPTER

The provisions of these rules shall apply to all futures contracts bought or sold on the Exchange for cash settlement based on the Floating Price. The procedures for trading, clearing and cash settlement of this contract, and any other matters not specifically covered herein shall be governed by the general rules of the Exchange.

# 1358101. CONTRACT SPECIFICATIONS

The Floating Price for each contract day will be equal to the arithmetic average of the PJM PSEG Zone Day-Ahead LMP for peak hours provided by PJM Interconnection, LLC (PJM), for the contract day. For settlement of this contract, the prices provided by PJM will be considered final on the Payment Date and will not be subject to any further adjustment.

# 1358102. TRADING SPECIFICATIONS

The number of days open for trading at a given time shall be determined by the Exchange.

#### 1358102.A. Trading Schedule

The hours of trading for this contract shall be determined by the Exchange.

#### 1358102.B. Trading Unit

The contract quantity shall be 80 Megawatt hours (MWh) based on a flow rate of 5 Megawatts (MW) per peak hour. Each futures contract shall be valued as the contract quantity multiplied by the settlement price.

# 1358102.C. Peak Days and Peak Hours

Peak day shall mean a Monday through Friday, excluding North American Electric Reliability Corporation holidays. Peak hour shall mean from Hour Ending (HE) 0800 Eastern Prevailing Time (EPT) through HE 2300 EPT.

#### 1358102.D. Price Increments

Prices shall be quoted in U.S. dollars and cents per MWh. The minimum price fluctuation shall be \$0.01 per MWh.

#### 1358102.E. Position Limits, Exemptions, Position Accountability and Reportable Levels

The applicable position limits and/or accountability levels, in addition to the reportable levels, are set forth in the Position Limit, Position Accountability and Reportable Level Table in the Interpretations & Special Notices Section of Chapter 5.

A Person seeking an exemption from position limits for bona fide commercial purposes shall apply to the Market Regulation Department on forms provided by the Exchange, and the Market Regulation Department may grant qualified exemptions in its sole discretion.

Refer to Rule 559 for requirements concerning the aggregation of positions and allowable exemptions from the specified position limits.

#### 1358102.F. Termination of Trading

Trading shall cease on the business day prior to the contract day.

#### 1358102.G. Payment Date

Payment Date shall be five (5) business days following termination of trading.

# Chapter 1359 PJM ATSI Zone Peak Calendar-Day 5 MW Real-Time LMP Futures

# 1359100. SCOPE OF CHAPTER

The provisions of these rules shall apply to all futures contracts bought or sold on the Exchange for cash settlement based on the Floating Price. The procedures for trading, clearing and cash settlement of this contract, and any other matters not specifically covered herein shall be governed by the general rules of the Exchange.

#### 1359101. CONTRACT SPECIFICATIONS

A Daily Floating Price will be determined for the next peak day. Each Daily Floating Price will be equal to the arithmetic average of the PJM ATSI Zone Real-Time LMP for peak hours provided by PJM Interconnection, LLC for the peak day. For settlement of this contract, the prices provided by PJM will be considered final on the Payment Date and will not be subject to any further adjustment.

# 1359102. TRADING SPECIFICATIONS

The number of days open for trading at a given time shall be determined by the Exchange.

#### 1359102.A. Trading Schedule

The hours of trading for this contract shall be determined by the Exchange.

#### 1359102.B. Trading Unit

The contract quantity shall be 80 Megawatt hours (MWh) based on a flow rate of 5 Megawatts (MW) per peak hour. Each futures contract shall be valued as the contract quantity multiplied by the settlement price.

#### 1359102.C. Peak Days and Peak Hours

Peak day shall mean a Monday through Friday, excluding North American Electric Reliability Corporation holidays. Peak hour shall mean from Hour Ending (HE) 0800 Eastern Prevailing Time (EPT) through HE 2300 EPT.

#### 1359102.D. Price Increments

Prices shall be quoted in U.S. dollars and cents per MWh. The minimum price fluctuation shall be \$0.01per MWh.

# 1359102.E. Position Limits, Exemptions, Position Accountability and Reportable Levels

The applicable position limits and/or accountability levels, in addition to the reportable levels, are set forth in the Position Limit, Position Accountability and Reportable Level Table in the Interpretations & Special Notices Section of Chapter 5.

A Person seeking an exemption from position limits for bona fide commercial purposes shall apply to the Market Regulation Department on forms provided by the Exchange, and the Market Regulation Department may grant qualified exemptions in its sole discretion.

Refer to Rule 559 for requirements concerning the aggregation of positions and allowable exemptions from the specified position limits.

#### 1359102.F. Termination of Trading

Trading shall cease on the contract day and, if the contract day is not a business day, trading shall cease on the previous business day.

#### 1359102.G. Payment Date

Payment Date shall be five (5) business days following termination of trading.

# 1359103. FINAL SETTLEMENT

Final settlement under the contract shall be by cash settlement. Final settlement, following termination of trading for a contract day, will be based on the Floating Price. The final settlement price will be the Floating Price calculated for each contract day.

# Chapter 1360

# PJM ATSI Zone Off-Peak Calendar-Day 5 MW Real-Time LMP Futures

## 1360100. SCOPE OF CHAPTER

The provisions of these rules shall apply to all futures contracts bought or sold on the Exchange for cash settlement based on the Floating Price. The procedures for trading, clearing and cash settlement of this contract, and any other matters not specifically covered herein shall be governed by the general rules of the Exchange.

## 1360101. CONTRACT SPECIFICATIONS

The Floating Price for each contract day will be equal to the arithmetic average of the PJM ATSI Zone Real-Time LMP for off peak hours provided by PJM Interconnection, LLC (PJM), for the contract day. For settlement of this contract, the prices provided by PJM will be considered final on the Payment Date and will not be subject to any further adjustment.

#### 1360102. TRADING SPECIFICATIONS

The number of days open for trading at a given time shall be determined by the Exchange.

#### 1360102.A. Trading Schedule

The hours of trading for this contract shall be determined by the Exchange.

#### 1360102.B. Trading Unit

The contract quantity shall be 5 Megawatt hours (MWh). Each futures contract shall be valued as the contract quantity multiplied by the settlement price.

#### 1360102.C. Peak Days and Peak Hours

Off-Peak shall mean Monday through Friday Hour Ending (HE) 0100-0700 and 2400 Eastern Prevailing Time (EPT) and Saturday-Sunday HE 0100-2400 EPT including North American Electric Reliability Corporation holidays.

#### 1360102.D. Price Increments

Prices shall be quoted in U.S. dollars and cents per MWh. The minimum price fluctuation shall be \$0.01 per MWh.

## 1360102.E. Position Limits, Exemptions, Position Accountability and Reportable Levels

The applicable position limits and/or accountability levels, in addition to the reportable levels, are set forth in the Position Limit, Position Accountability and Reportable Level Table in the Interpretations & Special Notices Section of Chapter 5.

A Person seeking an exemption from position limits for bona fide commercial purposes shall apply to the Market Regulation Department on forms provided by the Exchange, and the Market Regulation Department may grant qualified exemptions in its sole discretion.

Refer to Rule 559 for requirements concerning the aggregation of positions and allowable exemptions from the specified position limits.

#### 1360102.F. Termination of Trading

Trading shall cease on the contract day and, if the contract day is not a business day, trading shall cease on the previous business day.

#### 1360102.G. Payment Date

Payment Date shall be five (5) business days following termination of trading.

## 1360103. FINAL SETTLEMENT

Final settlement under the contract shall be by cash settlement. Final settlement, following termination of trading for a contract day, will be based on the Floating Price. The final settlement price will be the Floating Price calculated for each contract day.

# Chapter 1361 PJM AECO Zone Off-Peak Calendar-Day 5 MW Day-Ahead LMP Futures

#### 1361100. SCOPE OF CHAPTER

The provisions of these rules shall apply to all futures contracts bought or sold on the Exchange for cash settlement based on the Floating Price. The procedures for trading, clearing and cash settlement of this contract, and any other matters not specifically covered herein shall be governed by the general rules of the Exchange.

#### 1361101. CONTRACT SPECIFICATIONS

The Floating Price for each contract day will be equal to the arithmetic average of the PJM AECO Zone Day-Ahead LMP for off peak hours provided by PJM Interconnection, LLC (PJM), for the contract day. For settlement of this contract, the prices provided by PJM will be considered final on the Payment Date and will not be subject to any further adjustment.

# 1361102. TRADING SPECIFICATIONS

The number of days open for trading at a given time shall be determined by the Exchange.

#### 1361102.A. Trading Schedule

The hours of trading for this contract shall be determined by the Exchange.

#### 1361102.B. Trading Unit

The contract quantity shall be 5 Megawatt hours (MWh). Each futures contract shall be valued as the contract quantity multiplied by the settlement price.

#### 1361102.C. Peak Days and Peak Hours

Off-Peak shall mean Monday through Friday Hour Ending (HE) 0100-0700 and 2400 Eastern Prevailing Time (EPT) and Saturday-Sunday HE 0100-2400 EPT including North American Electric Reliability Corporation holidays.

#### 1361102.D. Price Increments

Prices shall be quoted in U.S. dollars and cents per MWh. The minimum price fluctuation shall be \$0.01 per MWh.

#### 1361102.E. Position Limits, Exemptions, Position Accountability and Reportable Levels

The applicable position limits and/or accountability levels, in addition to the reportable levels, are set forth in the Position Limit, Position Accountability and Reportable Level Table in the Interpretations & Special Notices Section of Chapter 5.

A Person seeking an exemption from position limits for bona fide commercial purposes shall apply to the Market Regulation Department on forms provided by the Exchange, and the Market Regulation Department may grant qualified exemptions in its sole discretion.

Refer to Rule 559 for requirements concerning the aggregation of positions and allowable exemptions from the specified position limits.

#### 1361102.F. Termination of Trading

Trading shall cease on the business day prior to the contract day.

#### 1361102.G. Payment Date

Payment Date shall be five (5) business days following termination of trading.

## 1361103. FINAL SETTLEMENT

Final settlement under the contract shall be by cash settlement. Final settlement, following termination of trading for a contract day, will be based on the Floating Price. The final settlement price will be the Floating Price calculated for each contract day.

# Chapter 1362

# PJM APS Zone Off-Peak Calendar-Day 5 MW Day-Ahead LMP Futures

## 1362100. SCOPE OF CHAPTER

The provisions of these rules shall apply to all futures contracts bought or sold on the Exchange for cash settlement based on the Floating Price. The procedures for trading, clearing and cash settlement of this contract, and any other matters not specifically covered herein shall be governed by the general rules of the Exchange.

# 1362101. CONTRACT SPECIFICATIONS

The Floating Price for each contract day will be equal to the arithmetic average of the PJM APS Zone Day-Ahead LMP for off peak hours provided by PJM Interconnection, LLC (PJM), for the contract day. For settlement of this contract, the prices provided by PJM will be considered final on the Payment Date and will not be subject to any further adjustment.

## 1362102. TRADING SPECIFICATIONS

The number of days open for trading at a given time shall be determined by the Exchange.

#### 1362102.A. Trading Schedule

The hours of trading for this contract shall be determined by the Exchange.

#### 1362102.B. Trading Unit

The contract quantity shall be 5 Megawatt hours (MWh). Each futures contract shall be valued as the contract quantity multiplied by the settlement price.

#### 1362102.C. Peak Days and Peak Hours

Off-Peak shall mean Monday through Friday Hour Ending (HE) 0100-0700 and 2400 Eastern Prevailing Time (EPT) and Saturday-Sunday HE 0100-2400 EPT including North American Electric Reliability Corporation holidays.

#### 1362102.D. Price Increments

Prices shall be quoted in U.S. dollars and cents per MWh. The minimum price fluctuation shall be \$0.01 per MWh.

#### 1362102.E. Position Limits, Exemptions, Position Accountability and Reportable Levels

The applicable position limits and/or accountability levels, in addition to the reportable levels, are set forth in the Position Limit, Position Accountability and Reportable Level Table in the Interpretations & Special Notices Section of Chapter 5.

A Person seeking an exemption from position limits for bona fide commercial purposes shall apply to the Market Regulation Department on forms provided by the Exchange, and the Market Regulation Department may grant qualified exemptions in its sole discretion.

Refer to Rule 559 for requirements concerning the aggregation of positions and allowable exemptions from the specified position limits.

#### 1362102.F. Termination of Trading

Trading shall cease on the business day prior to the contract day.

#### 1362102.G. Payment Date

Payment Date shall be five (5) business days following termination of trading.

# 1362103. FINAL SETTLEMENT

Final settlement under the contract shall be by cash settlement. Final settlement, following termination of trading for a contract day, will be based on the Floating Price. The final settlement price will be the Floating Price calculated for each contract day.

# Chapter 1363

# PJM ATSI Zone Off-Peak Calendar-Day 5 MW Day-Ahead LMP Futures

## 1363100. SCOPE OF CHAPTER

The provisions of these rules shall apply to all futures contracts bought or sold on the Exchange for cash settlement based on the Floating Price. The procedures for trading, clearing and cash settlement of this contract, and any other matters not specifically covered herein shall be governed by the general rules of the Exchange.

# 1363101. CONTRACT SPECIFICATIONS

The Floating Price for each contract day will be equal to the arithmetic average of the PJM ATSI Zone Day-Ahead LMP for off peak hours provided by PJM Interconnection, LLC (PJM), for the contract day. For settlement of this contract, the prices provided by PJM will be considered final on the Payment Date and will not be subject to any further adjustment.

## 1363102. TRADING SPECIFICATIONS

The number of days open for trading at a given time shall be determined by the Exchange.

#### 1363102.A. Trading Schedule

The hours of trading for this contract shall be determined by the Exchange.

#### 1363102.B. Trading Unit

The contract quantity shall be 5 Megawatt hours (MWh). Each futures contract shall be valued as the contract quantity multiplied by the settlement price.

#### 1363102.C. Peak Days and Peak Hours

Off-Peak shall mean Monday through Friday Hour Ending (HE) 0100-0700 and 2400 Eastern Prevailing Time (EPT) and Saturday-Sunday HE 0100-2400 EPT including North American Electric Reliability Corporation holidays.

## 1363102.D. Price Increments

Prices shall be quoted in U.S. dollars and cents per MWh. The minimum price fluctuation shall be \$0.01 per MWh.

#### 1363102.E. Position Limits, Exemptions, Position Accountability and Reportable Levels

The applicable position limits and/or accountability levels, in addition to the reportable levels, are set forth in the Position Limit, Position Accountability and Reportable Level Table in the Interpretations & Special Notices Section of Chapter 5.

A Person seeking an exemption from position limits for bona fide commercial purposes shall apply to the Market Regulation Department on forms provided by the Exchange, and the Market Regulation Department may grant qualified exemptions in its sole discretion.

Refer to Rule 559 for requirements concerning the aggregation of positions and allowable exemptions from the specified position limits.

#### 1363102.F. Termination of Trading

Trading shall cease on the business day prior to the contract day.

#### 1363102.G. Payment Date

Payment Date shall be five (5) business days following termination of trading.

# Chapter 1364

# PJM BGE Zone Off-Peak Calendar-Day 5 MW Day-Ahead LMP Futures

# 1364100. SCOPE OF CHAPTER

The provisions of these rules shall apply to all futures contracts bought or sold on the Exchange for cash settlement based on the Floating Price. The procedures for trading, clearing and cash settlement of this contract, and any other matters not specifically covered herein shall be governed by the general rules of the Exchange.

## 1364101. CONTRACT SPECIFICATIONS

The Floating Price for each contract day will be equal to the arithmetic average of the PJM BGE Zone Day-Ahead LMP for off peak hours provided by PJM Interconnection, LLC (PJM), for the contract day. For settlement of this contract, the prices provided by PJM will be considered final on the Payment Date and will not be subject to any further adjustment.

## 1364102. TRADING SPECIFICATIONS

The number of days open for trading at a given time shall be determined by the Exchange.

## 1364102.A. Trading Schedule

The hours of trading for this contract shall be determined by the Exchange.

# 1364102.B. Trading Unit

The contract quantity shall be 5 Megawatt hours (MWh). Each futures contract shall be valued as the contract quantity multiplied by the settlement price.

## 1364102.C. Peak Days and Peak Hours

Off-Peak shall mean Monday through Friday Hour Ending (HE) 0100-0700 and 2400 Eastern Prevailing Time (EPT) and Saturday-Sunday HE 0100-2400 EPT including North American Electric Reliability Corporation holidays.

#### 1364102.D. Price Increments

Prices shall be quoted in U.S. dollars and cents per MWh. The minimum price fluctuation shall be \$0.01 per MWh.

#### 1364102.E. Position Limits, Exemptions, Position Accountability and Reportable Levels

The applicable position limits and/or accountability levels, in addition to the reportable levels, are set forth in the Position Limit, Position Accountability and Reportable Level Table in the Interpretations & Special Notices Section of Chapter 5.

A Person seeking an exemption from position limits for bona fide commercial purposes shall apply to the Market Regulation Department on forms provided by the Exchange, and the Market Regulation Department may grant qualified exemptions in its sole discretion.

Refer to Rule 559 for requirements concerning the aggregation of positions and allowable exemptions from the specified position limits.

#### 1364102.F. Termination of Trading

Trading shall cease on the business day prior to the contract day.

#### 1364102.G. Payment Date

Payment Date shall be five (5) business days following termination of trading.

#### 1364103. FINAL SETTLEMENT

# Chapter 1365

# PJM ComEd Zone Off-Peak Calendar-Day 5 MW Day-Ahead LMP Futures

## 1365100. SCOPE OF CHAPTER

The provisions of these rules shall apply to all futures contracts bought or sold on the Exchange for cash settlement based on the Floating Price. The procedures for trading, clearing and cash settlement of this contract, and any other matters not specifically covered herein shall be governed by the general rules of the Exchange.

## 1365101. CONTRACT SPECIFICATIONS

The Floating Price for each contract day will be equal to the arithmetic average of the PJM ComEd Zone Day-Ahead LMP for off peak hours provided by PJM Interconnection, LLC (PJM), for the contract day. For settlement of this contract, the prices provided by PJM will be considered final on the Payment Date and will not be subject to any further adjustment.

#### 1365102. TRADING SPECIFICATIONS

The number of days open for trading at a given time shall be determined by the Exchange.

## 1365102.A. Trading Schedule

The hours of trading for this contract shall be determined by the Exchange.

#### 1365102.B. Trading Unit

The contract quantity shall be 5 Megawatt hours (MWh). Each futures contract shall be valued as the contract quantity multiplied by the settlement price.

# 1365102.C. Peak Days and Peak Hours

Off-Peak shall mean Monday through Friday Hour Ending (HE) 0100-0700 and 2400 Eastern Prevailing Time (EPT) and Saturday-Sunday HE 0100-2400 EPT including North American Electric Reliability Corporation holidays.

#### 1365102.D. Price Increments

Prices shall be quoted in U.S. dollars and cents per MWh. The minimum price fluctuation shall be \$0.01 per MWh.

#### 1365102.E. Position Limits, Exemptions, Position Accountability and Reportable Levels

The applicable position limits and/or accountability levels, in addition to the reportable levels, are set forth in the Position Limit, Position Accountability and Reportable Level Table in the Interpretations & Special Notices Section of Chapter 5.

A Person seeking an exemption from position limits for bona fide commercial purposes shall apply to the Market Regulation Department on forms provided by the Exchange, and the Market Regulation Department may grant qualified exemptions in its sole discretion.

Refer to Rule 559 for requirements concerning the aggregation of positions and allowable exemptions from the specified position limits.

#### 1365102.F. Termination of Trading

Trading shall cease on the business day prior to the contract day.

#### 1365102.G. Payment Date

Payment Date shall be five (5) business days following termination of trading.

# 1365103. FINAL SETTLEMENT

# Chapter 1366 PJM DPL Zone Off-Peak Calendar-Day 5 MW Day-Ahead LMP Futures

# 1366100. SCOPE OF CHAPTER

The provisions of these rules shall apply to all futures contracts bought or sold on the Exchange for cash settlement based on the Floating Price. The procedures for trading, clearing and cash settlement of this contract, and any other matters not specifically covered herein shall be governed by the general rules of the Exchange.

# 1366101. CONTRACT SPECIFICATIONS

The Floating Price for each contract day will be equal to the arithmetic average of the PJM DPL Zone Day-Ahead LMP for off peak hours provided by PJM Interconnection, LLC (PJM), for the contract day. For settlement of this contract, the prices provided by PJM will be considered final on the Payment Date and will not be subject to any further adjustment.

# 1366102. TRADING SPECIFICATIONS

The number of days open for trading at a given time shall be determined by the Exchange.

# 1366102.A. Trading Schedule

The hours of trading for this contract shall be determined by the Exchange.

# 1366102.B. Trading Unit

The contract quantity shall be 5 Megawatt hours (MWh). Each futures contract shall be valued as the contract quantity multiplied by the settlement price.

## 1366102.C. Peak Days and Peak Hours

Off-Peak shall mean Monday through Friday Hour Ending (HE) 0100-0700 and 2400 Eastern Prevailing Time (EPT) and Saturday-Sunday HE 0100-2400 EPT including North American Electric Reliability Corporation holidays.

# 1366102.D. Price Increments

Prices shall be quoted in U.S. dollars and cents per MWh. The minimum price fluctuation shall be \$0.01 per MWh.

## 1366102.E. Position Limits, Exemptions, Position Accountability and Reportable Levels

The applicable position limits and/or accountability levels, in addition to the reportable levels, are set forth in the Position Limit, Position Accountability and Reportable Level Table in the Interpretations & Special Notices Section of Chapter 5.

A Person seeking an exemption from position limits for bona fide commercial purposes shall apply to the Market Regulation Department on forms provided by the Exchange, and the Market Regulation Department may grant qualified exemptions in its sole discretion.

Refer to Rule 559 for requirements concerning the aggregation of positions and allowable exemptions from the specified position limits.

# 1366102.F. Termination of Trading

Trading shall cease on the business day prior to the contract day.

# 1366102.G. Payment Date

Payment Date shall be five (5) business days following termination of trading.

# 1366103. FINAL SETTLEMENT

# Chapter 1367 PJM Duquesne Zone Off-Peak Calendar-Day 5 MW Day-Ahead LMP Futures

# 1367100. SCOPE OF CHAPTER

The provisions of these rules shall apply to all futures contracts bought or sold on the Exchange for cash settlement based on the Floating Price. The procedures for trading, clearing and cash settlement of this contract, and any other matters not specifically covered herein shall be governed by the general rules of the Exchange.

# 1367101. CONTRACT SPECIFICATIONS

The Floating Price for each contract day will be equal to the arithmetic average of the PJM Duquesne Zone Day-Ahead LMP for off peak hours provided by PJM Interconnection, LLC (PJM), for the contract day. For settlement of this contract, the prices provided by PJM will be considered final on the Payment Date and will not be subject to any further adjustment.

# 1367102. TRADING SPECIFICATIONS

The number of days open for trading at a given time shall be determined by the Exchange.

## 1367102.A. Trading Schedule

The hours of trading for this contract shall be determined by the Exchange.

# 1367102.B. Trading Unit

The contract quantity shall be 5 Megawatt hours (MWh). Each futures contract shall be valued as the contract quantity multiplied by the settlement price.

## 1367102.C. Peak Days and Peak Hours

Off-Peak shall mean Monday through Friday Hour Ending (HE) 0100-0700 and 2400 Eastern Prevailing Time (EPT) and Saturday-Sunday HE 0100-2400 EPT including North American Electric Reliability Corporation holidays.

## 1367102.D. Price Increments

Prices shall be quoted in U.S. dollars and cents per MWh. The minimum price fluctuation shall be \$0.01 per MWh.

## 1367102.E. Position Limits, Exemptions, Position Accountability and Reportable Levels

The applicable position limits and/or accountability levels, in addition to the reportable levels, are set forth in the Position Limit, Position Accountability and Reportable Level Table in the Interpretations & Special Notices Section of Chapter 5.

A Person seeking an exemption from position limits for bona fide commercial purposes shall apply to the Market Regulation Department on forms provided by the Exchange, and the Market Regulation Department may grant qualified exemptions in its sole discretion.

Refer to Rule 559 for requirements concerning the aggregation of positions and allowable exemptions from the specified position limits.

# 1367102.F. Termination of Trading

Trading shall cease on the business day prior to the contract day.

#### 1367102.G. Payment Date

Payment Date shall be five (5) business days following termination of trading.

# 1367103. FINAL SETTLEMENT

# Chapter 1368 PJM Eastern Hub Off-Peak Calendar-Day 5 MW Day-Ahead LMP Futures

# 1368100. SCOPE OF CHAPTER

The provisions of these rules shall apply to all futures contracts bought or sold on the Exchange for cash settlement based on the Floating Price. The procedures for trading, clearing and cash settlement of this contract, and any other matters not specifically covered herein shall be governed by the general rules of the Exchange.

# 1368101. CONTRACT SPECIFICATIONS

The Floating Price for each contract day will be equal to the arithmetic average of the PJM Eastern Hub Day-Ahead LMP for off peak hours provided by PJM Interconnection, LLC (PJM), for the contract day. For settlement of this contract, the prices provided by PJM will be considered final on the Payment Date and will not be subject to any further adjustment.

# 1368102. TRADING SPECIFICATIONS

The number of days open for trading at a given time shall be determined by the Exchange.

## 1368102.A. Trading Schedule

The hours of trading for this contract shall be determined by the Exchange.

# 1368102.B. Trading Unit

The contract quantity shall be 5 Megawatt hours (MWh). Each futures contract shall be valued as the contract quantity multiplied by the settlement price.

## 1368102.C. Peak Days and Peak Hours

Off-Peak shall mean Monday through Friday Hour Ending (HE) 0100-0700 and 2400 Eastern Prevailing Time (EPT) and Saturday-Sunday HE 0100-2400 EPT including North American Electric Reliability Corporation holidays.

## 1368102.D. Price Increments

Prices shall be quoted in U.S. dollars and cents per MWh. The minimum price fluctuation shall be \$0.01 per MWh.

## 1368102.E. Position Limits, Exemptions, Position Accountability and Reportable Levels

The applicable position limits and/or accountability levels, in addition to the reportable levels, are set forth in the Position Limit, Position Accountability and Reportable Level Table in the Interpretations & Special Notices Section of Chapter 5.

A Person seeking an exemption from position limits for bona fide commercial purposes shall apply to the Market Regulation Department on forms provided by the Exchange, and the Market Regulation Department may grant qualified exemptions in its sole discretion.

Refer to Rule 559 for requirements concerning the aggregation of positions and allowable exemptions from the specified position limits.

# 1368102.F. Termination of Trading

Trading shall cease on the business day prior to the contract day.

#### 1368102.G. Payment Date

Payment Date shall be five (5) business days following termination of trading.

# 1368103. FINAL SETTLEMENT

# Chapter 1369 PJM JCPL Zone Off-Peak Calendar-Day 5 MW Day-Ahead LMP Futures

# 1369100. SCOPE OF CHAPTER

The provisions of these rules shall apply to all futures contracts bought or sold on the Exchange for cash settlement based on the Floating Price. The procedures for trading, clearing and cash settlement of this contract, and any other matters not specifically covered herein shall be governed by the general rules of the Exchange.

# 1369101. CONTRACT SPECIFICATIONS

The Floating Price for each contract day will be equal to the arithmetic average of the PJM JCPL Zone Day-Ahead LMP for off peak hours provided by PJM Interconnection, LLC (PJM), for the contract day. For settlement of this contract, the prices provided by PJM will be considered final on the Payment Date and will not be subject to any further adjustment.

# 1369102. TRADING SPECIFICATIONS

The number of days open for trading at a given time shall be determined by the Exchange.

#### 1369102.A. Trading Schedule

The hours of trading for this contract shall be determined by the Exchange.

#### 1369102.B. Trading Unit

The contract quantity shall be 5 Megawatt hours (MWh). Each futures contract shall be valued as the contract quantity multiplied by the settlement price.

# 1369102.C. Peak Days and Peak Hours

Off-Peak shall mean Monday through Friday Hour Ending (HE) 0100-0700 and 2400 Eastern Prevailing Time (EPT) and Saturday-Sunday HE 0100-2400 EPT including North American Electric Reliability Corporation holidays.

#### 1369102.D. Price Increments

Prices shall be quoted in U.S. dollars and cents per MWh. The minimum price fluctuation shall be \$0.01 per MWh.

## 1369102.E. Position Limits, Exemptions, Position Accountability and Reportable Levels

The applicable position limits and/or accountability levels, in addition to the reportable levels, are set forth in the Position Limit, Position Accountability and Reportable Level Table in the Interpretations & Special Notices Section of Chapter 5.

A Person seeking an exemption from position limits for bona fide commercial purposes shall apply to the Market Regulation Department on forms provided by the Exchange, and the Market Regulation Department may grant qualified exemptions in its sole discretion.

Refer to Rule 559 for requirements concerning the aggregation of positions and allowable exemptions from the specified position limits.

#### 1369102.F. Termination of Trading

Trading shall cease on the business day prior to the contract day.

#### 1369102.G. Payment Date

Payment Date shall be five (5) business days following termination of trading.

# 1369103. FINAL SETTLEMENT

## Chapter 1370 PJM METED Zone Off-Peak Calendar-Day 5 MW Day-Ahead LMP Futures

## 1370100. SCOPE OF CHAPTER

The provisions of these rules shall apply to all futures contracts bought or sold on the Exchange for cash settlement based on the Floating Price. The procedures for trading, clearing and cash settlement of this contract, and any other matters not specifically covered herein shall be governed by the general rules of the Exchange.

## 1370101. CONTRACT SPECIFICATIONS

The Floating Price for each contract day will be equal to the arithmetic average of the PJM METED Zone Day-Ahead LMP for off peak hours provided by PJM Interconnection, LLC (PJM), for the contract day. For settlement of this contract, the prices provided by PJM will be considered final on the Payment Date and will not be subject to any further adjustment.

## 1370102. TRADING SPECIFICATIONS

The number of days open for trading at a given time shall be determined by the Exchange.

## 1370102.A. Trading Schedule

The hours of trading for this contract shall be determined by the Exchange.

## 1370102.B. Trading Unit

The contract quantity shall be 5 Megawatt hours (MWh). Each futures contract shall be valued as the contract quantity multiplied by the settlement price.

## 1370102.C. Peak Days and Peak Hours

Off-Peak shall mean Monday through Friday Hour Ending (HE) 0100-0700 and 2400 Eastern Prevailing Time (EPT) and Saturday-Sunday HE 0100-2400 EPT including North American Electric Reliability Corporation holidays.

## 1370102.D. Price Increments

Prices shall be quoted in U.S. dollars and cents per MWh. The minimum price fluctuation shall be \$0.01 per MWh.

## 1370102.E. Position Limits, Exemptions, Position Accountability and Reportable Levels

The applicable position limits and/or accountability levels, in addition to the reportable levels, are set forth in the Position Limit, Position Accountability and Reportable Level Table in the Interpretations & Special Notices Section of Chapter 5.

A Person seeking an exemption from position limits for bona fide commercial purposes shall apply to the Market Regulation Department on forms provided by the Exchange, and the Market Regulation Department may grant qualified exemptions in its sole discretion.

Refer to Rule 559 for requirements concerning the aggregation of positions and allowable exemptions from the specified position limits.

## 1370102.F. Termination of Trading

Trading shall cease on the business day prior to the contract day.

## 1370102.G. Payment Date

Payment Date shall be five (5) business days following termination of trading.

## 1370103. FINAL SETTLEMENT

## Chapter 1371 PJM PECO Zone Off-Peak Calendar-Day 5 MW Day-Ahead LMP Futures

## 1371100. SCOPE OF CHAPTER

The provisions of these rules shall apply to all futures contracts bought or sold on the Exchange for cash settlement based on the Floating Price. The procedures for trading, clearing and cash settlement of this contract, and any other matters not specifically covered herein shall be governed by the general rules of the Exchange.

## 1371101. CONTRACT SPECIFICATIONS

The Floating Price for each contract day will be equal to the arithmetic average of the PJM PECO Zone Day-Ahead LMP for off peak hours provided by PJM Interconnection, LLC (PJM), for the contract day. For settlement of this contract, the prices provided by PJM will be considered final on the Payment Date and will not be subject to any further adjustment.

## 1371102. TRADING SPECIFICATIONS

The number of days open for trading at a given time shall be determined by the Exchange.

## 1371102.A. Trading Schedule

The hours of trading for this contract shall be determined by the Exchange.

## 1371102.B. Trading Unit

The contract quantity shall be 5 Megawatt hours (MWh). Each futures contract shall be valued as the contract quantity multiplied by the settlement price.

### 1371102.C. Peak Days and Peak Hours

Off-Peak shall mean Monday through Friday Hour Ending (HE) 0100-0700 and 2400 Eastern Prevailing Time (EPT) and Saturday-Sunday HE 0100-2400 EPT including North American Electric Reliability Corporation holidays.

## 1371102.D. Price Increments

Prices shall be quoted in U.S. dollars and cents per MWh. The minimum price fluctuation shall be \$0.01 per MWh.

## 1371102.E. Position Limits, Exemptions, Position Accountability and Reportable Levels

The applicable position limits and/or accountability levels, in addition to the reportable levels, are set forth in the Position Limit, Position Accountability and Reportable Level Table in the Interpretations & Special Notices Section of Chapter 5.

A Person seeking an exemption from position limits for bona fide commercial purposes shall apply to the Market Regulation Department on forms provided by the Exchange, and the Market Regulation Department may grant qualified exemptions in its sole discretion.

Refer to Rule 559 for requirements concerning the aggregation of positions and allowable exemptions from the specified position limits.

## 1371102.F. Termination of Trading

Trading shall cease on the business day prior to the contract day.

## 1371102.G. Payment Date

Payment Date shall be five (5) business days following termination of trading.

## 1371103. FINAL SETTLEMENT

## Chapter 1372

## PJM PENELEC Zone Off-Peak Calendar-Day 5 MW Day-Ahead LMP Futures

## 1372100. SCOPE OF CHAPTER

The provisions of these rules shall apply to all futures contracts bought or sold on the Exchange for cash settlement based on the Floating Price. The procedures for trading, clearing and cash settlement of this contract, and any other matters not specifically covered herein shall be governed by the general rules of the Exchange.

## 1372101. CONTRACT SPECIFICATIONS

The Floating Price for each contract day will be equal to the arithmetic average of the PJM PENELEC Zone Day-Ahead LMP for off peak hours provided by PJM Interconnection, LLC (PJM), for the contract day. For settlement of this contract, the prices provided by PJM will be considered final on the Payment Date and will not be subject to any further adjustment.

## 1372102. TRADING SPECIFICATIONS

The number of days open for trading at a given time shall be determined by the Exchange.

### 1372102.A. Trading Schedule

The hours of trading for this contract shall be determined by the Exchange.

## 1372102.B. Trading Unit

The contract quantity shall be 5 Megawatt hours (MWh). Each futures contract shall be valued as the contract quantity multiplied by the settlement price.

## 1372102.C. Peak Days and Peak Hours

Off-Peak shall mean Monday through Friday Hour Ending (HE) 0100-0700 and 2400 Eastern Prevailing Time (EPT) and Saturday-Sunday HE 0100-2400 EPT including North American Electric Reliability Corporation holidays.

## 1372102.D. Price Increments

Prices shall be quoted in U.S. dollars and cents per MWh. The minimum price fluctuation shall be \$0.01 per MWh.

## 1372102.E. Position Limits, Exemptions, Position Accountability and Reportable Levels

The applicable position limits and/or accountability levels, in addition to the reportable levels, are set forth in the Position Limit, Position Accountability and Reportable Level Table in the Interpretations & Special Notices Section of Chapter 5.

A Person seeking an exemption from position limits for bona fide commercial purposes shall apply to the Market Regulation Department on forms provided by the Exchange, and the Market Regulation Department may grant qualified exemptions in its sole discretion.

Refer to Rule 559 for requirements concerning the aggregation of positions and allowable exemptions from the specified position limits.

## 1372102.F. Termination of Trading

Trading shall cease on the business day prior to the contract day.

#### 1372102.G. Payment Date

Payment Date shall be five (5) business days following termination of trading.

## 1372103. FINAL SETTLEMENT

## Chapter 1373 PJM PEPCO Zone Off-Peak Calendar-Day 5 MW Day-Ahead LMP Futures

## 1373100. SCOPE OF CHAPTER

The provisions of these rules shall apply to all futures contracts bought or sold on the Exchange for cash settlement based on the Floating Price. The procedures for trading, clearing and cash settlement of this contract, and any other matters not specifically covered herein shall be governed by the general rules of the Exchange.

## 1373101. CONTRACT SPECIFICATIONS

The Floating Price for each contract day will be equal to the arithmetic average of the PJM PEPCO Zone Day-Ahead LMP for off peak hours provided by PJM Interconnection, LLC (PJM), for the contract day. For settlement of this contract, the prices provided by PJM will be considered final on the Payment Date and will not be subject to any further adjustment.

## 1373102. TRADING SPECIFICATIONS

The number of days open for trading at a given time shall be determined by the Exchange.

## 1373102.A. Trading Schedule

The hours of trading for this contract shall be determined by the Exchange.

## 1373102.B. Trading Unit

The contract quantity shall be 5 Megawatt hours (MWh). Each futures contract shall be valued as the contract quantity multiplied by the settlement price.

## 1373102.C. Peak Days and Peak Hours

Off-Peak shall mean Monday through Friday Hour Ending (HE) 0100-0700 and 2400 Eastern Prevailing Time (EPT) and Saturday-Sunday HE 0100-2400 EPT including North American Electric Reliability Corporation holidays.

## 1373102.D. Price Increments

Prices shall be quoted in U.S. dollars and cents per MWh. The minimum price fluctuation shall be \$0.01 per MWh.

## 1373102.E. Position Limits, Exemptions, Position Accountability and Reportable Levels

The applicable position limits and/or accountability levels, in addition to the reportable levels, are set forth in the Position Limit, Position Accountability and Reportable Level Table in the Interpretations & Special Notices Section of Chapter 5.

A Person seeking an exemption from position limits for bona fide commercial purposes shall apply to the Market Regulation Department on forms provided by the Exchange, and the Market Regulation Department may grant qualified exemptions in its sole discretion.

Refer to Rule 559 for requirements concerning the aggregation of positions and allowable exemptions from the specified position limits.

## 1373102.F. Termination of Trading

Trading shall cease on the business day prior to the contract day.

## 1373102.G. Payment Date

Payment Date shall be five (5) business days following termination of trading.

## 1373103. FINAL SETTLEMENT

## Chapter 1374 PJM PPL Zone Off-Peak Calendar-Day 5 MW Day-Ahead LMP Futures

## 1374100. SCOPE OF CHAPTER

The provisions of these rules shall apply to all futures contracts bought or sold on the Exchange for cash settlement based on the Floating Price. The procedures for trading, clearing and cash settlement of this contract, and any other matters not specifically covered herein shall be governed by the general rules of the Exchange.

## 1374101. CONTRACT SPECIFICATIONS

The Floating Price for each contract day will be equal to the arithmetic average of the PJM PPL Zone Day-Ahead LMP for off peak hours provided by PJM Interconnection, LLC (PJM), for the contract day. For settlement of this contract, the prices provided by PJM will be considered final on the Payment Date and will not be subject to any further adjustment.

## 1374102. TRADING SPECIFICATIONS

The number of days open for trading at a given time shall be determined by the Exchange.

### 1374102.A. Trading Schedule

The hours of trading for this contract shall be determined by the Exchange.

## 1374102.B. Trading Unit

The contract quantity shall be 5 Megawatt hours (MWh). Each futures contract shall be valued as the contract quantity multiplied by the settlement price.

### 1374102.C. Peak Days and Peak Hours

Off-Peak shall mean Monday through Friday Hour Ending (HE) 0100-0700 and 2400 Eastern Prevailing Time (EPT) and Saturday-Sunday HE 0100-2400 EPT including North American Electric Reliability Corporation holidays.

## 1374102.D. Price Increments

Prices shall be quoted in U.S. dollars and cents per MWh. The minimum price fluctuation shall be \$0.01 per MWh.

## 1374102.E. Position Limits, Exemptions, Position Accountability and Reportable Levels

The applicable position limits and/or accountability levels, in addition to the reportable levels, are set forth in the Position Limit, Position Accountability and Reportable Level Table in the Interpretations & Special Notices Section of Chapter 5.

A Person seeking an exemption from position limits for bona fide commercial purposes shall apply to the Market Regulation Department on forms provided by the Exchange, and the Market Regulation Department may grant qualified exemptions in its sole discretion.

Refer to Rule 559 for requirements concerning the aggregation of positions and allowable exemptions from the specified position limits.

## 1374102.F. Termination of Trading

Trading shall cease on the business day prior to the contract day.

## 1374102.G. Payment Date

Payment Date shall be five (5) business days following termination of trading.

## 1374103. FINAL SETTLEMENT

## Chapter 1375 PJM PSEG Zone Off-Peak Calendar-Day 5 MW Day-Ahead LMP Futures

## 1375100. SCOPE OF CHAPTER

The provisions of these rules shall apply to all futures contracts bought or sold on the Exchange for cash settlement based on the Floating Price. The procedures for trading, clearing and cash settlement of this contract, and any other matters not specifically covered herein shall be governed by the general rules of the Exchange.

## 1375101. CONTRACT SPECIFICATIONS

The Floating Price for each contract day will be equal to the arithmetic average of the PJM PSEG Zone Day-Ahead LMP for off peak hours provided by PJM Interconnection, LLC (PJM), for the contract day. For settlement of this contract, the prices provided by PJM will be considered final on the Payment Date and will not be subject to any further adjustment.

## 1375102. TRADING SPECIFICATIONS

The number of days open for trading at a given time shall be determined by the Exchange.

## 1375102.A. Trading Schedule

The hours of trading for this contract shall be determined by the Exchange.

## 1375102.B. Trading Unit

The contract quantity shall be 5 Megawatt hours (MWh). Each futures contract shall be valued as the contract quantity multiplied by the settlement price.

### 1375102.C. Peak Days and Peak Hours

Off-Peak shall mean Monday through Friday Hour Ending (HE) 0100-0700 and 2400 Eastern Prevailing Time (EPT) and Saturday-Sunday HE 0100-2400 EPT including North American Electric Reliability Corporation holidays.

## 1375102.D. Price Increments

Prices shall be quoted in U.S. dollars and cents per MWh. The minimum price fluctuation shall be \$0.01 per MWh.

## 1375102.E. Position Limits, Exemptions, Position Accountability and Reportable Levels

The applicable position limits and/or accountability levels, in addition to the reportable levels, are set forth in the Position Limit, Position Accountability and Reportable Level Table in the Interpretations & Special Notices Section of Chapter 5.

A Person seeking an exemption from position limits for bona fide commercial purposes shall apply to the Market Regulation Department on forms provided by the Exchange, and the Market Regulation Department may grant qualified exemptions in its sole discretion.

Refer to Rule 559 for requirements concerning the aggregation of positions and allowable exemptions from the specified position limits.

## 1375102.F. Termination of Trading

Trading shall cease on the business day prior to the contract day.

#### 1375102.G. Payment Date

Payment Date shall be five (5) business days following termination of trading.

## 1375103. FINAL SETTLEMENT

# APPENDIX B

# Position Limit, Position Accountability, and Reportable Level Table in Chapter 5 of the NYMEX Rulebook

(Effective August 22, 2016)

(Attached under separate cover)

# APPENDIX C

# Position Limit, Position Accountability, and Reportable Level Table in Chapter 5 of the NYMEX Rulebook

(Effective August 22, 2016 through August 31, 2016)

(Attached under separate cover)

# APPENDIX D

## Position Limit, Position Accountability, and Reportable Level Table in Chapter 5 of the NYMEX Rulebook

(Effective September 1, 2016 and beyond)

(Attached under separate cover)

# APPENDIX E

# NYMEX Chapter 5 ("Trading Qualifications and Practices")

# Rule 588.H. – ("Globex Non-Reviewable Trading Ranges")

|   | Globex | Globex Non-<br>Reviewable | NRR<br>Globex |           |
|---|--------|---------------------------|---------------|-----------|
| Instrument name   | Symbol | Ranges (NRR)              | Format        | NRR Ticks |
| PJM AECO Zone Off-Peak Calendar-Day 5 MW Day-Ahead LMP<br>Futures     | PFO    | \$2.00 per MWh            | 200           | 200       |
| PJM APS Zone Off-Peak Calendar-Day 5 MW Day-Ahead LMP<br>Futures      | PZO    | \$2.00 per MWh            | 200           | 200       |
| PJM ATSI Zone Off-Peak Calendar-Day 5 MW Day-Ahead LMP<br>Futures     | PHO    | \$2.00 per MWh            | 200           | 200       |
| PJM BGE Zone Off-Peak Calendar-Day 5 MW Day-Ahead LMP<br>Futures      | PBO    | \$2.00 per MWh            | 200           | 200       |
| PJM ComEd Zone Off-Peak Calendar-Day 5 MW Day-Ahead LMP<br>Futures    | PCO    | \$2.00 per MWh            | 200           | 200       |
| PJM DPL Zone Off-Peak Calendar-Day 5 MW Day-Ahead LMP<br>Futures      | PUO    | \$2.00 per MWh            | 200           | 200       |
| PJM Duquesne Zone Off-Peak Calendar-Day 5 MW Day-Ahead LMP<br>Futures | PQO    | \$2.00 per MWh            | 200           | 200       |
| PJM Eastern Hub Off-Peak Calendar-Day 5 MW Day-Ahead LMP<br>Futures   | PYO    | \$2.00 per MWh            | 200           | 200       |
| PJM JCPL Zone Off-Peak Calendar-Day 5 MW Day-Ahead LMP<br>Futures     | PTO    | \$2.00 per MWh            | 200           | 200       |
| PJM METED Zone Off-Peak Calendar-Day 5 MW Day-Ahead LMP<br>Futures    | PMO    | \$2.00 per MWh            | 200           | 200       |
| PJM PECO Zone Off-Peak Calendar-Day 5 MW Day-Ahead LMP<br>Futures     | PVO    | \$2.00 per MWh            | 200           | 200       |
| PJM PENELEC Zone Off-Peak Calendar-Day 5 MW Day-Ahead LMP<br>Futures  | POC    | \$2.00 per MWh            | 200           | 200       |
| PJM PEPCO Zone Off-Peak Calendar-Day 5 MW Day-Ahead LMP<br>Futures    | PXO    | \$2.00 per MWh            | 200           | 200       |
| PJM PPL Zone Off-Peak Calendar-Day 5 MW Day-Ahead LMP<br>Futures      | PLO    | \$2.00 per MWh            | 200           | 200       |
| PJM PSEG Zone Off-Peak Calendar-Day 5 MW Day-Ahead LMP<br>Futures     | PSO    | \$2.00 per MWh            | 200           | 200       |
| PJM ATSI Zone Off-Peak Calendar-Day 5 MW Real-Time LMP<br>Futures     | PRO    | \$2.00 per MWh            | 200           | 200       |
| PJM AECO Zone Peak Calendar-Day 5 MW Day-Ahead LMP Futures            | JPP    | \$2.00 per MWh            | 200           | 200       |
| PJM APS Zone Peak Calendar-Day 5 MW Day-Ahead LMP Futures             | PZP    | \$2.00 per MWh            | 200           | 200       |
| PJM ATSI Zone Peak Calendar-Day 5 MW Day-Ahead LMP Futures            | PHP    | \$2.00 per MWh            | 200           | 200       |
|   |        |                           |               |           |

| Instrument name   | Globex<br>Symbol | Globex Non-<br>Reviewable<br>Ranges (NRR) | NRR<br>Globex<br>Format | NRR Ticks |
|---|------------------|---|-------------------------|-----------|
| instrument name   | зушьог           | naliges (innn)                            | FUIIIdL                 | INAA HCAS |
| PJM BGE Zone Peak Calendar-Day 5 MW Day-Ahead LMP Futures           | PBP              | \$2.00 per MWh                            | 200                     | 200       |
| PJM ComEd Zone Peak Calendar-Day 5 MW Day-Ahead LMP<br>Futures      | PCP              | \$2.00 per MWh                            | 200                     | 200       |
| PJM DPL Zone Peak Calendar-Day 5 MW Day-Ahead LMP Futures           | PUP              | \$2.00 per MWh                            | 200                     | 200       |
| PJM Duquesne Zone Peak Calendar-Day 5 MW Day-Ahead LMP<br>Futures   | PQP              | \$2.00 per MWh                            | 200                     | 200       |
| PJM Eastern Hub Peak Calendar-Day 5 MW Day-Ahead LMP<br>Futures     | PYP              | \$2.00 per MWh                            | 200                     | 200       |
| PJM JCPL Zone Peak Calendar-Day 5 MW Day-Ahead LMP Futures          | PPL              | \$2.00 per MWh                            | 200                     | 200       |
| PJM METED Zone Peak Calendar-Day 5 MW Day-Ahead LMP<br>Futures      | PMP              | \$2.00 per MWh                            | 200                     | 200       |
| PJM PECO Zone Peak Calendar-Day 5 MW Day-Ahead LMP<br>Futures       | PVP              | \$2.00 per MWh                            | 200                     | 200       |
| PJM PENELEC Zone Peak Calendar-Day 5 MW Day-Ahead LMP<br>Futures    | РКР              | \$2.00 per MWh                            | 200                     | 200       |
| PJM PEPCO Zone Peak Calendar-Day 5 MW Day-Ahead LMP 5 MW<br>Futures | PXP              | \$2.00 per MWh                            | 200                     | 200       |
| PJM PPL Zone Peak Calendar-Day 5 MW Day-Ahead LMP Futures           | PLP              | \$2.00 per MWh                            | 200                     | 200       |
| PJM PSEG Zone Peak Calendar-Day 5 MW Day-Ahead LMP Futures          | PSP              | \$2.00 per MWh                            | 200                     | 200       |
| PJM ATSI Zone Peak Calendar-Day 5 MW Real-Time LMP Futures          | PRP              | \$2.00 per MWh                            | 200                     | 200       |

## APPENDIX F

## Cash Market Overview and Analysis of Deliverable Supply

## PJM

PJM Interconnection LLC ("PJM") is a regional transmission organization (RTO) that coordinates the movement of electricity in all or parts of Delaware, Illinois, Indiana, Kentucky, Maryland, Michigan, New Jersey, North Carolina, Ohio, Pennsylvania, Tennessee, Virginia, West Virginia, and the District of Columbia. In 1997, PJM began operating the nation's first regional, bid-based, hourly energy market. PJM enables participants to buy and sell power, schedule transactions, and reserve transmission service. Acting as a neutral, independent party, PJM operates a competitive wholesale electricity market and manages the high-voltage electricity grid to ensure reliability. PJM prices power at numerous utility zones as well as for hubs, including the Western Hub, Northern Illinois Hub, AEP Dayton Hub, and Eastern Hub.

## MARKET COMPETITIVENESS AND OVERSIGHT

Independent system operators (ISO) and RTO markets manage the generation and transmission of electricity within their respective service areas. ISO/RTO markets are highly competitive, and were established following Federal Energy Regulatory Commission (FERC) orders. FERC Order No. 888 identified barriers to competitive wholesale electricity markets and required that those barriers be removed. FERC Order No. 889 established open access to system information. FERC Order No. 2000 provided the framework for the formation of ISO/RTO markets. Under FERC oversight -PJM operates and monitors its respective market to ensure the competitiveness and reliability of the electricity system. Specifically, FERC monitors and investigates energy markets with respect to manipulation, and it enforces regulatory requirements through imposition of civil penalties and other means. Specifically, the Office of Enforcement within FERC ensures compliance with FERC statutes, rules, and orders. In this regard, the enforcement office monitors energy markets and gathers relevant data to prohibit market manipulation, fraud, and violations of electric reliability standards.

The ISO/RTOs are also monitored by the North American Electric Reliability Corporation (NERC), a nonprofit organization made up of stakeholders responsible for developing reliability standards (both seasonal and long term) and ensuring compliance with those standards. NERC has various committees, sub-committees, task forces, and working groups investigating and analyzing system disruptions to prevent market manipulation. NERC is subject to oversight by FERC.

In addition to governmental and industry organizations, each ISO/RTO is monitored by an independent market monitor. The market monitors regularly evaluate the competitiveness of their respective markets, recommend improvement plans, and review the implementation of those plans. Market monitors publish quarterly and annual market reports to raise public awareness of the state of their respective markets.

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## DAY-AHEAD VERSUS REAL-TIME MARKET

PJM offers two basic energy markets for physical market participants: a real-time (or spot) market and a day-ahead market. The real-time and day-ahead markets are interrelated as the day-ahead market is a forward market for pricing power that is delivered during a given hour on the following day. In contrast, the real-time market prices electricity that flows during a particular hour on the same day. Each hour has a separate auction in the day-ahead and real-time markets. Moreover, the day-ahead and real-time markets adopt a competitive auction process developed by the stakeholders from both the generation and load sides. Hourly market-clearing prices or locational marginal prices (LMPs) are published for both the day-ahead and real-time markets to reflect dynamic and competitive pricing and are publicly available on a timely basis to ensure competiveness and transparency. This submission includes contracts based on day-ahead market.

## Hub vs. Zone

Within each ISO/RTO, the term "zone" refers to a group of electrical nodes within a utility control area, such as AEP Ohio (AEP Zone) and Dayton Power & Light (Dayton Zone) in the PJM territory. In contrast, the term "hub" refers to a group of selected electrical nodes from one or more zones. For example PJM's AEP Dayton Hub ("PJM AD Hub") is a group of nodes selected from the AEP Zone and Dayton Zone. Both zonal and hub LMPs are designed by ISOs (RTOs) taking into account a combination of historical and projected LMPs for individual nodes that reflect prescribed commercial criteria in a statistically consistent manner. For instance, a hub may reflect common LMP correlation criteria or comprise a set of nodes that consistently experience (or consistently do not experience) congestion. Each ISO/RTO hub has been subjected to a thorough stakeholder vetting process before being introduced.

Since the hubs are designed to reflect physical transactions at the zonal level in all of the related zones, to derive load information for the cash market activities for the hubs, Exchange staff used load data for the related zones or control areas to calculate the transaction volume. Below are the hub definitions with zonal information, as implied by the physical locations of the hubs' nodes.<sup>1</sup>

PJM-AECO Zone: A group of 163 nodes located in Southern New Jersey.

PJM-APS Zone: A group of 650 nodes located in southwestern Pennsylvania, and West Virginia.

PJM-ASTI Zone: A group of 863 nodes located in northern Ohio.

PJM-BGE Zone: A group of 231 nodes located in Maryland.

**PJM-ComEd Zone:** A group of 1105 nodes located in the northern Illinois area.

<sup>&</sup>lt;sup>1</sup> Please note hub definitions may change from time to time when the ISO/RTO updates the definitions.

PJM-DPL Zone: A group of 270 nodes located in the Delaware region.

**PJM-Duquesne Zone:** A group of 110 nodes located in the Duquesne Zone in western Pennsylvania. Related zone acronym is DUQ.

**PJM-Eastern Hub**: A group of 215 nodes located in New Jersey, Delaware, and eastern Pennsylvania. The related zones include PSEG, PECO, DPL, JCPL, PPL, and AECO.

PJM-JCPL Zone: A group of 150 nodes located in the northwest and eastern region of New Jersey.

PJM-METED Zone: A group of 204 nodes located in eastern Pennsylvania.

PJM-PECO Zone: A group of 305 nodes located in the south east region of Pennsylvania.

PJM-PENELEC Zone: A group of 231 nodes located throughout central and northern Pennsylvania.

PJM-PEPCO Zone: A group of 151 nodes in southern Maryland and Washington, D.C.

PJM-PPL Zone: A group of 343 nodes located in eastern Pennsylvania.

PJM-PSEG Zone: A group of 351 nodes located in central New Jersey.

## DELIVERABLE SUPPLY ESTIMATION

Load data reflects the amount of electricity that is produced and consumed in real time. The analysis of deliverable supply is based on actual load information reported by an RTO/ISO.

The deliverable supply for each zonal contract is based on the maximum one-hour load realized in the specified zone for the time period of January 1, 2013 to June 15, 2016 as illustrated in Table 1. Because the maximum load theoretically can occur during any one hour of the day, the maximum load is applied to the deliverable supply calculations for both peak and off-peak contracts. It is assumed that there are 368 peak hours and 424 off-peak hours in PJM market Table 2 shows the monthly deliverable supply adjusted to reflect the contract size of 80 MWh for the peak and 5 MWh for the off-peak contracts. The spot month position limits for the daily contracts are estimated based on the current position limits for the monthly contracts and 9 off-peak days in the month. The spot month limit for the monthly contract will not be changed. Table 3 includes the parent monthly contracts and corresponding daily contracts which they aggregate into.

| Location       | Maximum Hourly Load<br>MW |
|----------------|---------------------------|
| ATSI           | 13,313                    |
| PPL            | 8,044                     |
| BG&E           | 6,740                     |
| APS            | 9,433                     |
| PSEG           | 10,692                    |
| METED          | 2,974                     |
| AECO           | 2,715                     |
| JCPL           | 6,212                     |
| PEPCO          | 6,427                     |
| PECO           | 8,578                     |
| PENELEC        | 3,205                     |
| DPL            | 4,114                     |
| Duquesne       | 2,909                     |
| ComEd          | 21,811                    |
| Eastern<br>Hub | 40355                     |

Table 1: Maximum Hourly Load MW<sup>2</sup>

**Table 2: Position Limits Calculation** 

| Locati<br>on | Maximum<br>Hourly<br>Load | Period       | Contract<br>Size<br>(MW) | Monthly Deliverable<br>Supply (MW) | Monthly Deliverable<br>Supply (Contracts) | Position Limit for<br>Monthly (Actual) | Daily   | Percenta<br>ge of<br>Delivera<br>ble<br>Supply |
|--------------|---------------------------|--------------|--------------------------|------------------------------------|---|--|---------|--|
| ATSI-<br>RT  | 13,312.53                 | Peak         | 80                       | 4,899,009                          | 61,237.62                                 | 10,020                                 | 477     | 16%  |
|              |                           | Off-<br>Peak | 5                        | 5,644,511                          | 1,128,902.12                              | 148,730                                | 125,434 | 13%  |
| ATSI-<br>DA  | 13,312.53                 | Peak         | 80                       | 4,899,009                          | 61,237.62                                 | 10,020                                 | 477     | 16%  |
|              |                           | Off-<br>Peak | 5                        | 5,644,511                          | 1,128,902.12                              | 170,000                                | 125,434 | 15%  |
| PPL          | 8,044.07                  | Peak         | 80                       | 2,960,217                          | 37,002.71                                 | 6,550                                  | 312     | 18%  |
|              |                           | Off-<br>Peak | 5                        | 3,410,684                          | 682,136.85                                | 97,770                                 | 75,793  | 14%  |
| BG&E         | 6,740.10                  | Peak         | 80                       | 2,480,357                          | 31,004.46                                 | 4,880                                  | 232     | 16%  |
|              |                           | Off-<br>Peak | 5                        | 2,857,802                          | 571,560                                   | 74,870                                 | 63,507  | 13%  |

<sup>&</sup>lt;sup>2</sup> The data was collected using NRGSTREAM application.

| Locati<br>on    | Maximum<br>Hourly<br>Load | Period       | Contract<br>Size<br>(MW) | Monthly Deliverable<br>Supply (MW) | Monthly Deliverable<br>Supply (Contracts) | Position Limit for<br>Monthly (Actual) | Daily   | Percenta<br>ge of<br>Delivera<br>ble<br>Supply |
|-----------------|---------------------------|--------------|--------------------------|------------------------------------|---|--|---------|--|
| APS             | 9,433.47                  | Peak         | 80                       | 3,471,516                          | 43,394                                    | 6,910                                  | 329     | 16%  |
|                 |                           | Off-<br>Peak | 5                        | 3,999,790                          | 799,958                                   | 106,840                                | 88,884  | 13%  |
| PSEG            | 10,692.43                 | Peak         | 80                       | 3,934,815                          | 49,185                                    | 6,760                                  | 322     | 14%  |
|                 |                           | Off-<br>Peak | 5                        | 4,533,592                          | 906,718                                   | 99,040                                 | 100,746 | 11%  |
| METE<br>D       | 2,973.66                  | Peak         | 80                       | 1,094,306                          | 13,679                                    | 2,420                                  | 115     | 18%  |
|                 |                           | Off-<br>Peak | 5                        | 1,260,831                          | 252,166                                   | 40,000                                 | 28,018  | 16%  |
| AECO            | 2,714.98                  | Peak         | 80                       | 999,114                            | 12,489                                    | 2,000                                  | 95      | 16%  |
|                 |                           | Off-<br>Peak | 5                        | 1,151,153                          | 230,231                                   | 24,760                                 | 25,581  | 11%  |
| JCPL            | 6,211.63                  | Peak         | 80                       | 2,285,881                          | 28,574                                    | 3,500                                  | 167     | 12%  |
|                 |                           | Off-<br>Peak | 5                        | 2,633,733                          | 526,747                                   | 50,540                                 | 58,527  | 10%  |
| PEPC<br>0       | 6,426.77                  | Peak         | 80                       | 2,365,052                          | 29,563                                    | 4,680                                  | 223     | 16%  |
| -               |                           | Off-<br>Peak | 5                        | 2,724,952                          | 544,990                                   | 69,620                                 | 60,554  | 13%  |
| PECO            | 8,577.54                  | Peak         | 80                       | 3,156,535                          | 39,457                                    | 6,550                                  | 312     | 17%  |
|                 |                           | Off-<br>Peak | 5                        | 3,636,878                          | 727,376                                   | 98,790                                 | 80,820  | 14%  |
| PENE<br>LEC     | 3,204.60                  | Peak         | 80                       | 1,179,293                          | 14,741                                    | 2,950                                  | 140     | 20%  |
|                 |                           | Off-<br>Peak | 5                        | 1,358,750                          | 271,750                                   | 54,350                                 | 30,194  | 20%  |
| DPL             | 4,113.97                  | Peak         | 80                       | 1,513,941                          | 18,924                                    | 2,760                                  | 131     | 15%  |
|                 |                           | Off-<br>Peak | 5                        | 1,744,324                          | 348,865                                   | 42,480                                 | 38,763  | 12%  |
| Duque<br>sne    | 2,909.36                  | Peak         | 80                       | 1,070,644                          | 13,383                                    | 2,170                                  | 103     | 16%  |
|                 |                           | Off-<br>Peak | 5                        | 1,233,568                          | 246,714                                   | 32,900                                 | 27,413  | 13%  |
| ComE<br>d       | 21,810.92                 | Peak         | 80                       | 8,026,417                          | 100,330                                   | 15,810                                 | 753     | 16%  |
|                 |                           | Off-<br>Peak | 5                        | 9,247,829                          | 1,849,566                                 | 234,040                                | 205,507 | 13%  |
| Easter<br>n Hub | 40,354.63                 | Peak         | 80                       | 14,850,504                         | 185,631                                   | 47,260                                 | 2,250   | 25%  |
|                 |                           | Off-<br>Peak | 5                        | 17,110,363                         | 3,422,073                                 | 793,040                                | 380,230 | 23%  |

# Table 3: Existing Parent Monthly Contracts and New Daily Contracts AggregationRelationship

|          | Parent Monthly Contracts  |   |           |
|----------|---|---|-----------|
| Co<br>de | Contract Name   | Daily Contracts   | Cod<br>es |
| X1       | PJM AECO Zone Off-Peak Calendar-Month Day-Ahead<br>LMP Futures          | PJM AECO Zone Off-Peak Calendar-Day 5 MW Day-<br>Ahead LMP Futures    | PFO       |
| Y1       | PJM AECO Zone Peak Calendar-Month Day-Ahead LMP<br>Futures              | PJM AECO Zone Peak Calendar-Day 5 MW Day-Ahead LMP Futures            | PPC       |
| W4       | PJM APS Zone Off-Peak Calendar-Month Day-Ahead<br>LMP Futures           | PJM APS Zone Off-Peak Calendar-Day 5 MW Day-<br>Ahead LMP Futures     | PZO       |
| S4       | PJM APS Zone Peak Calendar-Month Day-Ahead LMP<br>Futures               | PJM APS Zone Peak Calendar-Day 5 MW Day-Ahead<br>LMP Futures          | PZP       |
| MO<br>D  | PJM ATSI Zone 5 MW Off-Peak Calendar-Month Day-<br>Ahead Futures        | PJM ATSI Zone Off-Peak Calendar-Day 5 MW Day-<br>Ahead LMP Futures    | PHO       |
| MO<br>R  | PJM ATSI Zone 5 MW Off-Peak Calendar-Month Real-<br>Time Futures        | PJM ATSI Zone Off-Peak Calendar-Day 5 MW Real-<br>Time LMP Futures    | PRO       |
| MP<br>D  | PJM ATSI Zone 5 MW Peak Calendar-Month Day-Ahead<br>Futures             | PJM ATSI Zone Peak Calendar-Day 5 MW Day-<br>Ahead LMP Futures        | PHP       |
| MP<br>R  | PJM ATSI Zone 5 MW Peak Calendar-Month Real-Time<br>Futures             | PJM ATSI Zone Peak Calendar-Day 5 MW Real-Time<br>LMP Futures         | PRP       |
| R3       | PJM BGE Zone Off-Peak Calendar-Month Day-Ahead LMP Futures              | PJM BGE Zone Off-Peak Calendar-Day 5 MW Day-<br>Ahead LMP Futures     | РВО       |
| E3       | PJM BGE Zone Peak Calendar-Month Day-Ahead LMP<br>Futures               | PJM BGE Zone Peak Calendar-Day 5 MW Day-Ahead<br>LMP Futures          | PBP       |
| D8       | PJM ComEd Zone 5 MW Peak Calendar-Month Day-<br>Ahead LMP Futures       | PJM ComEd Zone Peak Calendar-Day 5 MW Day-<br>Ahead LMP Futures       | PCP       |
| D9       | PJM ComEd Zone 5 MW Off-Peak Calendar-Month Day-<br>Ahead LMP Futures   | PJM ComEd Zone Off-Peak Calendar-Day 5 MW Day-<br>Ahead LMP Futures   | PCO       |
| E8       | PJM DPL Zone Off-Peak Calendar-Month Day-Ahead<br>LMP Futures           | PJM DPL Zone Off-Peak Calendar-Day 5 MW Day-<br>Ahead LMP Futures     | PUO       |
| L8       | PJM DPL Zone Peak Calendar-Month Day-Ahead LMP<br>Futures               | PJM DPL Zone Peak Calendar-Day 5 MW Day-Ahead<br>LMP Futures          | PUP       |
| D6       | PJM Duquesne Zone 5 MW Off-Peak Calendar-Month<br>Day-Ahead LMP Futures | PJM Duquesne Zone Off-Peak Calendar-Day 5 MW<br>Day-Ahead LMP Futures | PQ<br>O   |
| D5       | PJM Duquesne Zone 5 MW Peak Calendar-Month Day-<br>Ahead LMP Futures    | PJM Duquesne Zone Peak Calendar-Day 5 MW Day-<br>Ahead LMP Futures    | PQP       |
| F4       | PJM Eastern Hub Off-Peak Calendar-Month Day-Ahead<br>LMP Futures        | PJM Eastern Hub Off-Peak Calendar-Day 5 MW Day-<br>Ahead LMP Futures  | PYO       |
| E9       | PJM Eastern Hub Peak Calendar-Month Day-Ahead LMP<br>Futures            | PJM Eastern Hub Peak Calendar-Day 5 MW Day-<br>Ahead LMP Futures      | PYP       |
| F2       | PJM JCPL Zone Off-Peak Calendar-Month Day-Ahead                         | PJM JCPL Zone Off-Peak Calendar-Day 5 MW Day-<br>Ahead LMP Futures    | PTO       |
| J2       | PJM JCPL Zone Peak Calendar-Month Day-Ahead LMP<br>Futures              | PJM JCPL Zone Peak Calendar-Day 5 MW Day-Ahead<br>LMP Futures         | PPL       |
| 46       | PJM METED Zone Off-Peak Calendar-Month Day-Ahead<br>LMP Futures         | PJM METED Zone Off-Peak Calendar-Day 5 MW Day-<br>Ahead LMP Futures   | PM<br>O   |
| 47       | PJM METED Zone Peak Calendar-Month Day-Ahead<br>LMP Futures             | PJM METED Zone Peak Calendar-Day 5 MW Day-<br>Ahead LMP Futures       | PMP       |
| 4P       | PJM PECO Zone 5 MW Off-Peak Calendar-Month Day-<br>Ahead LMP Futures    | PJM PECO Zone Off-Peak Calendar-Day 5 MW Day-<br>Ahead LMP Futures    | PVO       |
| 4N       | PJM PECO Zone 5 MW Peak Calendar-Month Day-<br>Ahead LMP Futures        | PJM PECO Zone Peak Calendar-Day 5 MW Day-<br>Ahead LMP Futures        | PVP       |
| 50       | PJM PENELEC Zone Off-Peak Calendar-Month Day-<br>Ahead LMP Futures      | PJM PENELEC Zone Off-Peak Calendar-Day 5 MW<br>Day-Ahead LMP Futures  | POC       |
| 49       | PJM PENELEC Zone Peak Calendar-Month Day-Ahead<br>LMP Futures           | PJM PENELEC Zone Peak Calendar-Day 5 MW Day-<br>Ahead LMP Futures     | РКР       |

|          | Parent Monthly Contracts   |   |           |
|----------|--|---|-----------|
| Co<br>de | Contract Name  | Daily Contracts   | Cod<br>es |
| Q8       | PJM PEPCO Zone Off-Peak Calendar-Month Day-Ahead<br>LMP Futures  | PJM PEPCO Zone Off-Peak Calendar-Day 5 MW Day-<br>Ahead LMP Futures | PXO       |
| R8       | PJM PEPCO Zone Peak Calendar-Month Day-Ahead<br>LMP 5 MW Futures | PJM PEPCO Zone Peak Calendar-Day 5 MW Day-<br>Ahead LMP Futures     | PXP       |
| F5       | PJM PPL Zone Off-Peak Calendar-Month Day-Ahead<br>LMP Futures    | PJM PPL Zone Off-Peak Calendar-Day 5 MW Day-<br>Ahead LMP Futures   | PLO       |
| L5       | PJM PPL Zone Peak Calendar-Month Day-Ahead LMP<br>Futures        | PJM PPL Zone Peak Calendar-Day 5 MW Day-Ahead LMP Futures           | PLP       |
| W6       | PJM PSEG Zone Off-Peak Calendar-Month Day-Ahead<br>LMP Futures   | PJM PSEG Zone Off-Peak Calendar-Day 5 MW Day-<br>Ahead LMP Futures  | PSO       |
| L6       | PJM PSEG Zone Peak Calendar-Month Day-Ahead LMP 5 MW Futures     | PJM PSEG Zone Peak Calendar-Day 5 MW Day-<br>Ahead LMP Futures      | PSP       |