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August 22, 2022

#### VIA CFTC PORTAL

Commodity Futures Trading Commission Attention: Chris Kirkpatrick, Secretary Three Lafayette Centre 1155 21<sup>st</sup> Street, NW Washington, DC 20581

#### Re: CFTC Regulation 40.2(a) Certification: Notification of Product Offered for Trading on Nodal Exchange, LLC – PJM DOMINION HUB Monthly Day Ahead 2x16 Energy + Congestion Contract

Dear Mr. Kirkpatrick:

Nodal Exchange, LLC ("Nodal Exchange" or "Exchange") is notifying the Commodity Futures Trading Commission ("CFTC" or "Commission") that pursuant to Commission Regulation 40.2(a), the Exchange is self-certifying the listing of 94 new power futures contracts for trading on Nodal Exchange beginning on or after August 25, 2022. The contract specifications describing the new Exchange futures contracts are attached to this letter as Exhibit A, to be added to the Nodal Exchange Rulebook Appendix A – Contract Specifications. The deliverable supply analysis has been segregated as Appendix B, for which confidential treatment is requested. The reporting levels, accountability levels, and position limits for these contracts is attached to this letter as Exhibit C, which will be added to the Nodal Exchange Rulebook Appendix C - Reporting Levels, Accountability Levels and Position Limits.

Exchange management has assessed the Exchange's contracts' compliance with applicable provisions of the Commodity Exchange Act ("Act"), including the Commissions Regulations thereunder and the Core Principles. Regulatory compliance of Nodal Exchange's futures and options contracts is mostly addressed in the Nodal Exchange Rulebook, concisely explained as follows:

<u>Core Principle 2 - Compliance with the Rules</u>: Trading in the Exchange's contracts will be subject to the Nodal Exchange Rulebook in Section IV, describing trading procedures, and Section VI, which establishes trading codes of conduct, sound trading practices, and identifies prohibited trading behavior and abuses. In addition, trading behavior and activity will be subject to extensive monitoring and surveillance by the Exchange's Division of Market Administration and Surveillance. The Exchange's Compliance Department has

the authority to address disciplinary matters through investigation and enforcement procedures in accordance with Section VII of the Exchange Rulebook.

<u>Core Principle 3 - Contracts not Readily Susceptible to Manipulation</u>: Nodal Exchange's new contracts settle to power prices published by PJM. The PJM markets are regulated by the Federal Energy Regulatory Commission ("FERC") and are closely monitored by market monitors responsible to FERC. The day ahead and real time markets that generate the prices to which the Exchange contracts settle are directly related to the physical generation, and demand for, electricity as well as the physical capacity constraints of the grid. A description of the underlying cash markets and deliverable supply analysis for the Exchange's new contracts is provided in attached Exhibit B, which demonstrates compliance that the Exchange's new contracts are not readily susceptible to manipulation.

<u>Core Principle 4 - Prevention of Market Disruption</u>: Trading in the Exchange's contracts will be subject to the Nodal Exchange Rulebook Section VI, which prohibits disruptive trading behavior and manipulation, subject to monitoring and surveillance by the Exchange's Division of Market Administration and Surveillance.

<u>Core Principle 5 - Position Limitations or Accountability</u>: The Exchange is proposing position accountability levels for the new contracts because the underlying cash market is regulated in accordance with state laws and not readily susceptible to manipulation. The spot-month speculative position limits for the Exchange's contracts are set at less than 25% of the deliverable supply in the respective underlying market. The new contract reporting levels, accountability levels and position limits are provided in attached Exhibit C, to be added to the Nodal Exchange Rulebook Appendix C – Reporting Levels, Position Accountability Levels and Position Limits.

<u>Core Principle 7 - Availability of General Information</u>: The Exchange will post general information, including the contract specifications for the new contracts, Exchange fees, and the Nodal Exchange Rulebook, on the Exchange's website: <u>www.nodalexchange.com</u>.

<u>Core Principle 8 - Daily publication of Trading Information</u>: The Exchange will publish daily information on settlement prices, volume, open interest and opening and closing ranges for the Exchange's actively traded contracts on its website.

<u>Core Principle 9 - Execution of Transactions</u>: The Exchange's new contracts will be available on the Exchange's electronic trading screen that is a central limit order book ("CLOB"). The CLOB provides the market with the ability to execute the Exchange's contracts from the interaction of multiple bids and multiple offers within a predetermined, nondiscretionary automated trade matching and execution algorithm.

<u>Core Principle 10 - Trade Information</u>: The CLOB will maintain all information with respect to each order and each consummated trade, as well as all other information relating to the trade environment that determines the matching and clearing of trades. As such, any order

submitted to the CLOB can be tracked from the time it is entered into the system until the time that it is matched, canceled or otherwise removed.

<u>Core Principle 11 - Financial Integrity of Transactions</u>: The Exchange has entered into a clearing arrangement with Nodal Clear, a derivatives clearing organization subject to Part 39 of the Commission Regulations. The new contracts executed on the CLOB or as a block trade will be subject to the Exchange Rulebook provisions for submission to Nodal Clear for clearing as described in Section V.

<u>Core Principle 12 - Protection of Markets and Market Participants</u>: Section VI of the Nodal Exchange Rulebook protects the market and market participants from abusive, disruptive, fraudulent, noncompetitive and unfair conduct and trade practices. The new contracts are subject to these rules that apply to all transactions in the Exchange's contracts.

<u>Core Principle 13 - Disciplinary Procedures</u>: Section VII of the Nodal Exchange Rulebook describes the disciplinary procedures of the Exchange that authorize the Exchange to discipline, suspend, or expel anyone on the Exchange that violates these rules.

<u>Core Principle 14 - Dispute Resolution</u>: Section VIII of the Nodal Exchange Rulebook establishes rules concerning alternative dispute resolution, which provide for the resolution of disputes between or among Exchange users through the NFA arbitration program. Under Section VIII, arbitration is available for all disputes, controversies or claims among all Exchange users relating to Exchange activities.

Pursuant to Section 5c(c) of the Act and the Commission's Regulation 40.2(a), the Exchange certifies that the Exchange's new futures contracts to be listed comply with the Act and the Commission's Regulations thereunder.

Nodal Exchange certifies that this submission has been concurrently posted on the Nodal Exchange website at <u>www.nodalexchange.com</u>.

If you have any question or need additional information regarding the above, please contact the undersigned at 703-962-9853 or <u>markotic@nodalexchange.com</u> or Anita Herrera, Chief Regulatory Officer & General Counsel at 703-962-9835 or <u>Herrera@nodalexchange.com</u>.

Sincerely, /s/ Max Markotic Senior Director Compliance

> Attachments: Exhibit A: August 25, 2022 Addition to Nodal Exchange Appendix A - Contract Specifications **Confidential** Appendix B: Deliverable Supply Analysis (*Confidential Treatment Requested*) Exhibit C: August 25, 2022 Addition to Nodal Exchange Appendix C - Reporting Levels, Accountability Levels and Position Limits

# <u>Exhibit A – Contract Specifications</u> (Rulebook Appendix A)

# PJM AECO Monthly Day Ahead 2x16 Energy + Congestion Contract

ITEM	SPECIFICATION
Contract Description	Monthly Cash Settled Financial 2x16 Energy + Congestion PJM AECO, Day Ahead
Contract Code	SAB
Hours of Trading	As defined at http://www.nodalexchange.com
Unit of Trading	1 lot, which is equal to 1 MW for each hour of the contract
Lot Size	Variable, expressed in megawatt hour (MWh). The Lot Size will equal 1 MW multiplied by the number of 2x16 hours within the month traded, so in a month with 144 2x16 hours, the Lot Size equals 144 MWh. The definition of 2x16 hours is Hour Ending (HE) 0800 – 2300, Sunday, Saturday, and all NERC holidays, EPT.
Currency	US Dollars
Min Price Fluctuation	\$0.0001 per MWh
Minimum Tick	\$0.0001 per MWh
First Trading Day	The first business day after the last trading day of the current expiring contract
Last Trading Day	The sixth business day following the last calendar day of the month
Contract Series	49 months
Fixed Price	The traded price or the previous day's settlement price
Daily Settlement Price	Determined by the Exchange based on exchange activity, other market data, and extrapolation to traded contracts, as appropriate
Final Settlement Price	The final settlement price will be determined by the Exchange at approximately 3 pm EPT on the Last Trading Day. The final settlement price is the average of the day- ahead hourly Energy of PJM WESTERN HUB plus the day-ahead hourly Congestion price of AECO for all 2x16 hours in the contract month. These prices can be found at the following link or at successor location. https://dataminer2.pjm.com/feed/mnt_ftr_zonal_Imps (Zone references on this site are listed as _ZONE, e.g, the congestion components of contracts on JCPL would settle against price for JCPL_ZONE on this site)/feed/da_hrl_Imps
Final Settlement (Payment) Date	The first business day following the Last Trading Day
Position Limit	476 MW
Margin Unit	US Dollars

## PJM AEP Monthly Day Ahead 2x16 Energy + Congestion Contract

ITEM	SPECIFICATION
Contract Description	Monthly Cash Settled Financial 2x16 Energy + Congestion PJM AEP, Day Ahead
Contract Code	SAC
Hours of Trading	As defined at http://www.nodalexchange.com
Unit of Trading	1 lot, which is equal to 1 MW for each hour of the contract
Lot Size	Variable, expressed in megawatt hour (MWh). The Lot Size will equal 1 MW multiplied by the number of 2x16 hours within the month traded, so in a month with 144 2x16 hours, the Lot Size equals 144 MWh. The definition of 2x16 hours is Hour Ending (HE) 0800 – 2300, Sunday, Saturday, and all NERC holidays, EPT.
Currency	US Dollars
Min Price Fluctuation	\$0.0001 per MWh
Minimum Tick	\$0.0001 per MWh
First Trading Day	The first business day after the last trading day of the current expiring contract
Last Trading Day	The sixth business day following the last calendar day of the month
Contract Series	49 months
Fixed Price	The traded price or the previous day's settlement price
Daily Settlement Price	Determined by the Exchange based on exchange activity, other market data, and extrapolation to traded contracts, as appropriate
Final Settlement Price	The final settlement price will be determined by the Exchange at approximately 3 pm EPT on the Last Trading Day. The final settlement price is the average of the day- ahead hourly Energy of PJM WESTERN HUB plus the day-ahead hourly Congestion price of AEP for all 2x16 hours in the contract month. These prices can be found at the following link or at successor location. https://dataminer2.pjm.com/feed/mnt_ftr_zonal_Imps (Zone references on this site are listed as _ZONE, e.g, the congestion components of contracts on JCPL would settle against price for JCPL_ZONE on this site)/feed/da_hrl_Imps
Final Settlement (Payment) Date	The first business day following the Last Trading Day
Position Limit	9000 MW
Margin Unit	US Dollars

#### NODAL EXCHANGE CONTRACT SPECIFICATIONS

#### PJM AEP-DAYTON HUB Monthly Day Ahead 2x16 Energy + Congestion Contract

ITEM	SPECIFICATION
Contract Description	Monthly Cash Settled Financial 2x16 Energy + Congestion PJM AEP-DAYTON HUB, Day Ahead
Contract Code	SAD
Hours of Trading	As defined at http://www.nodalexchange.com
Unit of Trading	1 lot, which is equal to 1 MW for each hour of the contract
Lot Size	Variable, expressed in megawatt hour (MWh). The Lot Size will equal 1 MW multiplied by the number of 2x16 hours within the month traded, so in a month with 144 2x16 hours, the Lot Size equals 144 MWh. The definition of 2x16 hours is Hour Ending (HE) 0800 – 2300, Sunday, Saturday, and all NERC holidays, EPT.
Currency	US Dollars
Min Price Fluctuation	\$0.0001 per MWh
Minimum Tick	\$0.0001 per MWh
First Trading Day	The first business day after the last trading day of the current expiring contract
Last Trading Day	The sixth business day following the last calendar day of the month
Contract Series	49 months
Fixed Price	The traded price or the previous day's settlement price
Daily Settlement Price	Determined by the Exchange based on exchange activity, other market data, and extrapolation to traded contracts, as appropriate
Final Settlement Price	The final settlement price will be determined by the Exchange at approximately 3 pm EPT on the Last Trading Day. The final settlement price is the average of the day- ahead hourly Energy of PJM WESTERN HUB plus the day-ahead hourly Congestion price of AEP-DAYTON HUB for all 2x16 hours in the contract month. These prices can be found at the following link or at successor location https://dataminer2.pjm.com/feed/da_hrl_Imps
Final Settlement (Payment) Date	The first business day following the Last Trading Day
Position Limit	7031 MW
Margin Unit	US Dollars

# PJM APS Monthly Day Ahead 2x16 Energy + Congestion Contract

ITEM	SPECIFICATION
Contract Description	Monthly Cash Settled Financial 2x16 Energy + Congestion PJM APS, Day Ahead
Contract Code	SAE
Hours of Trading	As defined at http://www.nodalexchange.com
Unit of Trading	1 lot, which is equal to 1 MW for each hour of the contract
Lot Size	Variable, expressed in megawatt hour (MWh). The Lot Size will equal 1 MW multiplied by the number of 2x16 hours within the month traded, so in a month with 144 2x16 hours, the Lot Size equals 144 MWh. The definition of 2x16 hours is Hour Ending (HE) 0800 – 2300, Sunday, Saturday, and all NERC holidays, EPT.
Currency	US Dollars
Min Price Fluctuation	\$0.0001 per MWh
Minimum Tick	\$0.0001 per MWh
First Trading Day	The first business day after the last trading day of the current expiring contract
Last Trading Day	The sixth business day following the last calendar day of the month
Contract Series	49 months
Fixed Price	The traded price or the previous day's settlement price
Daily Settlement Price	Determined by the Exchange based on exchange activity, other market data, and extrapolation to traded contracts, as appropriate
Final Settlement Price	The final settlement price will be determined by the Exchange at approximately 3 pm EPT on the Last Trading Day. The final settlement price is the average of the day- ahead hourly Energy of PJM WESTERN HUB plus the day-ahead hourly Congestion price of APS for all 2x16 hours in the contract month. These prices can be found at the following link or at successor location. https://dataminer2.pjm.com/feed/mnt_ftr_zonal_Imps (Zone references on this site are listed as _ZONE, e.g, the congestion components of contracts on JCPL would settle against price for JCPL_ZONE on this site)/feed/da_hrl_Imps
Final Settlement (Payment) Date	The first business day following the Last Trading Day
Position Limit	1528 MW
Margin Unit	US Dollars

## PJM ATSI Monthly Day Ahead 2x16 Energy + Congestion Contract

ITEM	SPECIFICATION
Contract Description	Monthly Cash Settled Financial 2x16 Energy + Congestion PJM ATSI, Day Ahead
Contract Code	SAF
Hours of Trading	As defined at http://www.nodalexchange.com
Unit of Trading	1 lot, which is equal to 1 MW for each hour of the contract
Lot Size	Variable, expressed in megawatt hour (MWh). The Lot Size will equal 1 MW multiplied by the number of 2x16 hours within the month traded, so in a month with 144 2x16 hours, the Lot Size equals 144 MWh. The definition of 2x16 hours is Hour Ending (HE) 0800 – 2300, Sunday, Saturday, and all NERC holidays, EPT.
Currency	US Dollars
Min Price Fluctuation	\$0.0001 per MWh
Minimum Tick	\$0.0001 per MWh
First Trading Day	The first business day after the last trading day of the current expiring contract
Last Trading Day	The sixth business day following the last calendar day of the month
Contract Series	49 months
Fixed Price	The traded price or the previous day's settlement price
Daily Settlement Price	Determined by the Exchange based on exchange activity, other market data, and extrapolation to traded contracts, as appropriate
Final Settlement Price	The final settlement price will be determined by the Exchange at approximately 3 pm EPT on the Last Trading Day. The final settlement price is the average of the day- ahead hourly Energy of PJM WESTERN HUB plus the day-ahead hourly Congestion price of ATSI for all 2x16 hours in the contract month. These prices can be found at the following link or at successor location. https://dataminer2.pjm.com/feed/mnt_ftr_zonal_Imps (Zone references on this site are listed as _ZONE, e.g, the congestion components of contracts on JCPL would settle against price for JCPL_ZONE on this site)/feed/da_hrl_Imps
Final Settlement (Payment) Date	The first business day following the Last Trading Day
Position Limit	2180 MW
Margin Unit	US Dollars

## PJM BGE Monthly Day Ahead 2x16 Energy + Congestion Contract

ITEM	SPECIFICATION
Contract Description	Monthly Cash Settled Financial 2x16 Energy + Congestion PJM BGE, Day Ahead
Contract Code	SAG
Hours of Trading	As defined at http://www.nodalexchange.com
Unit of Trading	1 lot, which is equal to 1 MW for each hour of the contract
Lot Size	Variable, expressed in megawatt hour (MWh). The Lot Size will equal 1 MW multiplied by the number of 2x16 hours within the month traded, so in a month with 144 2x16 hours, the Lot Size equals 144 MWh. The definition of 2x16 hours is Hour Ending (HE) 0800 – 2300, Sunday, Saturday, and all NERC holidays, EPT.
Currency	US Dollars
Min Price Fluctuation	\$0.0001 per MWh
Minimum Tick	\$0.0001 per MWh
First Trading Day	The first business day after the last trading day of the current expiring contract
Last Trading Day	The sixth business day following the last calendar day of the month
Contract Series	49 months
Fixed Price	The traded price or the previous day's settlement price
Daily Settlement Price	Determined by the Exchange based on exchange activity, other market data, and extrapolation to traded contracts, as appropriate
Final Settlement Price	The final settlement price will be determined by the Exchange at approximately 3 pm EPT on the Last Trading Day. The final settlement price is the average of the day- ahead hourly Energy of PJM WESTERN HUB plus the day-ahead hourly Congestion price of BGE for all 2x16 hours in the contract month. These prices can be found at the following link or at successor location. https://dataminer2.pjm.com/feed/mnt_ftr_zonal_Imps (Zone references on this site are listed as _ZONE, e.g, the congestion components of contracts on JCPL would settle against price for JCPL_ZONE on this site)/feed/da_hrl_Imps
Final Settlement (Payment) Date	The first business day following the Last Trading Day
Position Limit	1143 MW
Margin Unit	US Dollars

# PJM COMED Monthly Day Ahead 2x16 Energy + Congestion Contract

ITEM	SPECIFICATION
Contract Description	Monthly Cash Settled Financial 2x16 Energy + Congestion PJM COMED, Day Ahead
Contract Code	SAH
Hours of Trading	As defined at http://www.nodalexchange.com
Unit of Trading	1 lot, which is equal to 1 MW for each hour of the contract
Lot Size	Variable, expressed in megawatt hour (MWh). The Lot Size will equal 1 MW multiplied by the number of 2x16 hours within the month traded, so in a month with 144 2x16 hours, the Lot Size equals 144 MWh. The definition of 2x16 hours is Hour Ending (HE) 0800 – 2300, Sunday, Saturday, and all NERC holidays, EPT.
Currency	US Dollars
Min Price Fluctuation	\$0.0001 per MWh
Minimum Tick	\$0.0001 per MWh
First Trading Day	The first business day after the last trading day of the current expiring contract
Last Trading Day	The sixth business day following the last calendar day of the month
Contract Series	49 months
Fixed Price	The traded price or the previous day's settlement price
Daily Settlement Price	Determined by the Exchange based on exchange activity, other market data, and extrapolation to traded contracts, as appropriate
Final Settlement Price	The final settlement price will be determined by the Exchange at approximately 3 pm EPT on the Last Trading Day. The final settlement price is the average of the day- ahead hourly Energy of PJM WESTERN HUB plus the day-ahead hourly Congestion price of COMED for all 2x16 hours in the contract month. These prices can be found at the following link or at successor location. https://dataminer2.pjm.com/feed/mnt_ftr_zonal_Imps (Zone references on this site are listed as _ZONE, e.g, the congestion components of contracts on JCPL would settle against price for JCPL_ZONE on this site)/feed/da_hrl_Imps
Final Settlement (Payment) Date	The first business day following the Last Trading Day
Position Limit	4146 MW
Margin Unit	US Dollars

# PJM DAY Monthly Day Ahead 2x16 Energy + Congestion Contract

ITEM	SPECIFICATION
Contract Description	Monthly Cash Settled Financial 2x16 Energy + Congestion PJM DAY, Day Ahead
Contract Code	SAI
Hours of Trading	As defined at http://www.nodalexchange.com
Unit of Trading	1 lot, which is equal to 1 MW for each hour of the contract
Lot Size	Variable, expressed in megawatt hour (MWh). The Lot Size will equal 1 MW multiplied by the number of 2x16 hours within the month traded, so in a month with 144 2x16 hours, the Lot Size equals 144 MWh. The definition of 2x16 hours is Hour Ending (HE) 0800 – 2300, Sunday, Saturday, and all NERC holidays, EPT.
Currency	US Dollars
Min Price Fluctuation	\$0.0001 per MWh
Minimum Tick	\$0.0001 per MWh
First Trading Day	The first business day after the last trading day of the current expiring contract
Last Trading Day	The sixth business day following the last calendar day of the month
Contract Series	49 months
Fixed Price	The traded price or the previous day's settlement price
Daily Settlement Price	Determined by the Exchange based on exchange activity, other market data, and extrapolation to traded contracts, as appropriate
Final Settlement Price	The final settlement price will be determined by the Exchange at approximately 3 pm EPT on the Last Trading Day. The final settlement price is the average of the day- ahead hourly Energy of PJM WESTERN HUB plus the day-ahead hourly Congestion price of DAY for all 2x16 hours in the contract month. These prices can be found at the following link or at successor location. https://dataminer2.pjm.com/feed/mnt_ftr_zonal_Imps (Zone references on this site are listed as _ZONE, e.g, the congestion components of contracts on JCPL would settle against price for JCPL_ZONE on this site)/feed/da_hrl_Imps
Final Settlement (Payment) Date	The first business day following the Last Trading Day
Position Limit	1100 MW
Margin Unit	US Dollars

# PJM DEOK Monthly Day Ahead 2x16 Energy + Congestion Contract

ITEM	SPECIFICATION
Contract Description	Monthly Cash Settled Financial 2x16 Energy + Congestion PJM DEOK, Day Ahead
Contract Code	SAJ
Hours of Trading	As defined at http://www.nodalexchange.com
Unit of Trading	1 lot, which is equal to 1 MW for each hour of the contract
Lot Size	Variable, expressed in megawatt hour (MWh). The Lot Size will equal 1 MW multiplied by the number of 2x16 hours within the month traded, so in a month with 144 2x16 hours, the Lot Size equals 144 MWh. The definition of 2x16 hours is Hour Ending (HE) 0800 – 2300, Sunday, Saturday, and all NERC holidays, EPT.
Currency	US Dollars
Min Price Fluctuation	\$0.0001 per MWh
Minimum Tick	\$0.0001 per MWh
First Trading Day	The first business day after the last trading day of the current expiring contract
Last Trading Day	The sixth business day following the last calendar day of the month
Contract Series	49 months
Fixed Price	The traded price or the previous day's settlement price
Daily Settlement Price	Determined by the Exchange based on exchange activity, other market data, and extrapolation to traded contracts, as appropriate
Final Settlement Price	The final settlement price will be determined by the Exchange at approximately 3 pm EPT on the Last Trading Day. The final settlement price is the average of the day- ahead hourly Energy of PJM WESTERN HUB plus the day-ahead hourly Congestion price of DEOK for all 2x16 hours in the contract month. These prices can be found at the following link or at successor location. https://dataminer2.pjm.com/feed/mnt_ftr_zonal_Imps (Zone references on this site are listed as _ZONE, e.g, the congestion components of contracts on JCPL would settle against price for JCPL_ZONE on this site)/feed/da_hrl_Imps
Final Settlement (Payment) Date	The first business day following the Last Trading Day
Position Limit	840 MW
Margin Unit	US Dollars

## PJM DOM Monthly Day Ahead 2x16 Energy + Congestion Contract

ITEM	SPECIFICATION
Contract Description	Monthly Cash Settled Financial 2x16 Energy + Congestion PJM DOM, Day Ahead
Contract Code	SAK
Hours of Trading	As defined at http://www.nodalexchange.com
Unit of Trading	1 lot, which is equal to 1 MW for each hour of the contract
Lot Size	Variable, expressed in megawatt hour (MWh). The Lot Size will equal 1 MW multiplied by the number of 2x16 hours within the month traded, so in a month with 144 2x16 hours, the Lot Size equals 144 MWh. The definition of 2x16 hours is Hour Ending (HE) 0800 – 2300, Sunday, Saturday, and all NERC holidays, EPT.
Currency	US Dollars
Min Price Fluctuation	\$0.0001 per MWh
Minimum Tick	\$0.0001 per MWh
First Trading Day	The first business day after the last trading day of the current expiring contract
Last Trading Day	The sixth business day following the last calendar day of the month
Contract Series	49 months
Fixed Price	The traded price or the previous day's settlement price
Daily Settlement Price	Determined by the Exchange based on exchange activity, other market data, and extrapolation to traded contracts, as appropriate
Final Settlement Price	The final settlement price will be determined by the Exchange at approximately 3 pm EPT on the Last Trading Day. The final settlement price is the average of the day- ahead hourly Energy of PJM WESTERN HUB plus the day-ahead hourly Congestion price of DOM for all 2x16 hours in the contract month. These prices can be found at the following link or at successor location. https://dataminer2.pjm.com/feed/mnt_ftr_zonal_Imps (Zone references on this site are listed as _ZONE, e.g, the congestion components of contracts on JCPL would settle against price for JCPL_ZONE on this site)/feed/da_hrl_Imps
Final Settlement (Payment) Date	The first business day following the Last Trading Day
Position Limit	6300 MW
Margin Unit	US Dollars

#### PJM DOMINION HUB Monthly Day Ahead 2x16 Energy + Congestion Contract

ITEM	SPECIFICATION
Contract Description	Monthly Cash Settled Financial 2x16 Energy + Congestion PJM DOMINION HUB, Day Ahead
Contract Code	SAL
Hours of Trading	As defined at http://www.nodalexchange.com
Unit of Trading	1 lot, which is equal to 1 MW for each hour of the contract
Lot Size	Variable, expressed in megawatt hour (MWh). The Lot Size will equal 1 MW multiplied by the number of 2x16 hours within the month traded, so in a month with 144 2x16 hours, the Lot Size equals 144 MWh. The definition of 2x16 hours is Hour Ending (HE) 0800 – 2300, Sunday, Saturday, and all NERC holidays, EPT.
Currency	US Dollars
Min Price Fluctuation	\$0.0001 per MWh
Minimum Tick	\$0.0001 per MWh
First Trading Day	The first business day after the last trading day of the current expiring contract
Last Trading Day	The sixth business day following the last calendar day of the month
Contract Series	49 months
Fixed Price	The traded price or the previous day's settlement price
Daily Settlement Price	Determined by the Exchange based on exchange activity, other market data, and extrapolation to traded contracts, as appropriate
Final Settlement Price	The final settlement price will be determined by the Exchange at approximately 3 pm EPT on the Last Trading Day. The final settlement price is the average of the day- ahead hourly Energy of PJM WESTERN HUB plus the day-ahead hourly Congestion price of DOMINION HUB for all 2x16 hours in the contract month. These prices can be found at the following link or at successor location https://dataminer2.pjm.com/feed/da_hrl_Imps
Final Settlement (Payment) Date	The first business day following the Last Trading Day
Position Limit	13200 MW
Margin Unit	US Dollars

# PJM DPL Monthly Day Ahead 2x16 Energy + Congestion Contract

ITEM	SPECIFICATION
Contract Description	Monthly Cash Settled Financial 2x16 Energy + Congestion PJM DPL, Day Ahead
Contract Code	SAM
Hours of Trading	As defined at http://www.nodalexchange.com
Unit of Trading	1 lot, which is equal to 1 MW for each hour of the contract
Lot Size	Variable, expressed in megawatt hour (MWh). The Lot Size will equal 1 MW multiplied by the number of 2x16 hours within the month traded, so in a month with 144 2x16 hours, the Lot Size equals 144 MWh. The definition of 2x16 hours is Hour Ending (HE) 0800 – 2300, Sunday, Saturday, and all NERC holidays, EPT.
Currency	US Dollars
Min Price Fluctuation	\$0.0001 per MWh
Minimum Tick	\$0.0001 per MWh
First Trading Day	The first business day after the last trading day of the current expiring contract
Last Trading Day	The sixth business day following the last calendar day of the month
Contract Series	49 months
Fixed Price	The traded price or the previous day's settlement price
Daily Settlement Price	Determined by the Exchange based on exchange activity, other market data, and extrapolation to traded contracts, as appropriate
Final Settlement Price	The final settlement price will be determined by the Exchange at approximately 3 pm EPT on the Last Trading Day. The final settlement price is the average of the day- ahead hourly Energy of PJM WESTERN HUB plus the day-ahead hourly Congestion price of DPL for all 2x16 hours in the contract month. These prices can be found at the following link or at successor location. https://dataminer2.pjm.com/feed/mnt_ftr_zonal_Imps (Zone references on this site are listed as _ZONE, e.g, the congestion components of contracts on JCPL would settle against price for JCPL_ZONE on this site)/feed/da_hrl_Imps
Final Settlement (Payment) Date	The first business day following the Last Trading Day
Position Limit	643 MW
Margin Unit	US Dollars

## PJM DUQ Monthly Day Ahead 2x16 Energy + Congestion Contract

ITEM	SPECIFICATION
Contract Description	Monthly Cash Settled Financial 2x16 Energy + Congestion PJM DUQ, Day Ahead
Contract Code	SAN
Hours of Trading	As defined at http://www.nodalexchange.com
Unit of Trading	1 lot, which is equal to 1 MW for each hour of the contract
Lot Size	Variable, expressed in megawatt hour (MWh). The Lot Size will equal 1 MW multiplied by the number of 2x16 hours within the month traded, so in a month with 144 2x16 hours, the Lot Size equals 144 MWh. The definition of 2x16 hours is Hour Ending (HE) 0800 – 2300, Sunday, Saturday, and all NERC holidays, EPT.
Currency	US Dollars
Min Price Fluctuation	\$0.0001 per MWh
Minimum Tick	\$0.0001 per MWh
First Trading Day	The first business day after the last trading day of the current expiring contract
Last Trading Day	The sixth business day following the last calendar day of the month
Contract Series	49 months
Fixed Price	The traded price or the previous day's settlement price
Daily Settlement Price	Determined by the Exchange based on exchange activity, other market data, and extrapolation to traded contracts, as appropriate
Final Settlement Price	The final settlement price will be determined by the Exchange at approximately 3 pm EPT on the Last Trading Day. The final settlement price is the average of the day- ahead hourly Energy of PJM WESTERN HUB plus the day-ahead hourly Congestion price of DUQ for all 2x16 hours in the contract month. These prices can be found at the following link or at successor location. https://dataminer2.pjm.com/feed/mnt_ftr_zonal_Imps (Zone references on this site are listed as _ZONE, e.g, the congestion components of contracts on JCPL would settle against price for JCPL_ZONE on this site)/feed/da_hrl_Imps
Final Settlement (Payment) Date	The first business day following the Last Trading Day
Position Limit	501 MW
Margin Unit	US Dollars

## PJM EASTERN HUB Monthly Day Ahead 2x16 Energy + Congestion Contract

ITEM	SPECIFICATION
Contract Description	Monthly Cash Settled Financial 2x16 Energy + Congestion PJM EASTERN HUB, Day Ahead
Contract Code	SAO
Hours of Trading	As defined at http://www.nodalexchange.com
Unit of Trading	1 lot, which is equal to 1 MW for each hour of the contract
Lot Size	Variable, expressed in megawatt hour (MWh). The Lot Size will equal 1 MW multiplied by the number of 2x16 hours within the month traded, so in a month with 144 2x16 hours, the Lot Size equals 144 MWh. The definition of 2x16 hours is Hour Ending (HE) 0800 – 2300, Sunday, Saturday, and all NERC holidays, EPT.
Currency	US Dollars
Min Price Fluctuation	\$0.0001 per MWh
Minimum Tick	\$0.0001 per MWh
First Trading Day	The first business day after the last trading day of the current expiring contract
Last Trading Day	The sixth business day following the last calendar day of the month
Contract Series	49 months
Fixed Price	The traded price or the previous day's settlement price
Daily Settlement Price	Determined by the Exchange based on exchange activity, other market data, and extrapolation to traded contracts, as appropriate
Final Settlement Price	The final settlement price will be determined by the Exchange at approximately 3 pm EPT on the Last Trading Day. The final settlement price is the average of the day- ahead hourly Energy of PJM WESTERN HUB plus the day-ahead hourly Congestion price of EASTERN HUB for all 2x16 hours in the contract month. These prices can be found at the following link or at successor location https://dataminer2.pjm.com/feed/da_hrl_lmps
Final Settlement (Payment) Date	The first business day following the Last Trading Day
Position Limit	10275 MW
Margin Unit	US Dollars

# PJM JCPL Monthly Day Ahead 2x16 Energy + Congestion Contract

ITEM	SPECIFICATION
Contract Description	Monthly Cash Settled Financial 2x16 Energy + Congestion PJM JCPL, Day Ahead
Contract Code	SAP
Hours of Trading	As defined at http://www.nodalexchange.com
Unit of Trading	1 lot, which is equal to 1 MW for each hour of the contract
Lot Size	Variable, expressed in megawatt hour (MWh). The Lot Size will equal 1 MW multiplied by the number of 2x16 hours within the month traded, so in a month with 144 2x16 hours, the Lot Size equals 144 MWh. The definition of 2x16 hours is Hour Ending (HE) 0800 – 2300, Sunday, Saturday, and all NERC holidays, EPT.
Currency	US Dollars
Min Price Fluctuation	\$0.0001 per MWh
Minimum Tick	\$0.0001 per MWh
First Trading Day	The first business day after the last trading day of the current expiring contract
Last Trading Day	The sixth business day following the last calendar day of the month
Contract Series	49 months
Fixed Price	The traded price or the previous day's settlement price
Daily Settlement Price	Determined by the Exchange based on exchange activity, other market data, and extrapolation to traded contracts, as appropriate
Final Settlement Price	The final settlement price will be determined by the Exchange at approximately 3 pm EPT on the Last Trading Day. The final settlement price is the average of the day- ahead hourly Energy of PJM WESTERN HUB plus the day-ahead hourly Congestion price of JCPL for all 2x16 hours in the contract month. These prices can be found at the following link or at successor location. https://dataminer2.pjm.com/feed/mnt_ftr_zonal_Imps (Zone references on this site are listed as _ZONE, e.g, the congestion components of contracts on JCPL would settle against price for JCPL_ZONE on this site)/feed/da_hrl_Imps
Final Settlement (Payment) Date	The first business day following the Last Trading Day
Position Limit	833 MW
Margin Unit	US Dollars

## PJM METED Monthly Day Ahead 2x16 Energy + Congestion Contract

ITEM	SPECIFICATION
Contract Description	Monthly Cash Settled Financial 2x16 Energy + Congestion PJM METED, Day Ahead
Contract Code	SAQ
Hours of Trading	As defined at http://www.nodalexchange.com
Unit of Trading	1 lot, which is equal to 1 MW for each hour of the contract
Lot Size	Variable, expressed in megawatt hour (MWh). The Lot Size will equal 1 MW multiplied by the number of 2x16 hours within the month traded, so in a month with 144 2x16 hours, the Lot Size equals 144 MWh. The definition of 2x16 hours is Hour Ending (HE) 0800 – 2300, Sunday, Saturday, and all NERC holidays, EPT.
Currency	US Dollars
Min Price Fluctuation	\$0.0001 per MWh
Minimum Tick	\$0.0001 per MWh
First Trading Day	The first business day after the last trading day of the current expiring contract
Last Trading Day	The sixth business day following the last calendar day of the month
Contract Series	49 months
Fixed Price	The traded price or the previous day's settlement price
Daily Settlement Price	Determined by the Exchange based on exchange activity, other market data, and extrapolation to traded contracts, as appropriate
Final Settlement Price	The final settlement price will be determined by the Exchange at approximately 3 pm EPT on the Last Trading Day. The final settlement price is the average of the day- ahead hourly Energy of PJM WESTERN HUB plus the day-ahead hourly Congestion price of METED for all 2x16 hours in the contract month. These prices can be found at the following link or at successor location. https://dataminer2.pjm.com/feed/mnt_ftr_zonal_Imps (Zone references on this site are listed as _ZONE, e.g, the congestion components of contracts on JCPL would settle against price for JCPL_ZONE on this site)/feed/da_hrl_Imps
Final Settlement (Payment) Date	The first business day following the Last Trading Day
Position Limit	688 MW
Margin Unit	US Dollars

#### PJM N ILLINOIS HUB Monthly Day Ahead 2x16 Energy + Congestion Contract

ITEM	SPECIFICATION
Contract Description	Monthly Cash Settled Financial 2x16 Energy + Congestion PJM N ILLINOIS HUB, Day Ahead
Contract Code	SAR
Hours of Trading	As defined at http://www.nodalexchange.com
Unit of Trading	1 lot, which is equal to 1 MW for each hour of the contract
Lot Size	Variable, expressed in megawatt hour (MWh). The Lot Size will equal 1 MW multiplied by the number of 2x16 hours within the month traded, so in a month with 144 2x16 hours, the Lot Size equals 144 MWh. The definition of 2x16 hours is Hour Ending (HE) 0800 – 2300, Sunday, Saturday, and all NERC holidays, EPT.
Currency	US Dollars
Min Price Fluctuation	\$0.0001 per MWh
Minimum Tick	\$0.0001 per MWh
First Trading Day	The first business day after the last trading day of the current expiring contract
Last Trading Day	The sixth business day following the last calendar day of the month
Contract Series	49 months
Fixed Price	The traded price or the previous day's settlement price
Daily Settlement Price	Determined by the Exchange based on exchange activity, other market data, and extrapolation to traded contracts, as appropriate
Final Settlement Price	The final settlement price will be determined by the Exchange at approximately 3 pm EPT on the Last Trading Day. The final settlement price is the average of the day- ahead hourly Energy of PJM WESTERN HUB plus the day-ahead hourly Congestion price of N ILLINOIS HUB for all 2x16 hours in the contract month. These prices can be found at the following link or at successor location https://dataminer2.pjm.com/feed/da_hrl_Imps
Final Settlement (Payment) Date	The first business day following the Last Trading Day
Position Limit	5952 MW
Margin Unit	US Dollars

# PJM PECO Monthly Day Ahead 2x16 Energy + Congestion Contract

ITEM	SPECIFICATION
Contract Description	Monthly Cash Settled Financial 2x16 Energy + Congestion PJM PECO, Day Ahead
Contract Code	SAT
Hours of Trading	As defined at http://www.nodalexchange.com
Unit of Trading	1 lot, which is equal to 1 MW for each hour of the contract
Lot Size	Variable, expressed in megawatt hour (MWh). The Lot Size will equal 1 MW multiplied by the number of 2x16 hours within the month traded, so in a month with 144 2x16 hours, the Lot Size equals 144 MWh. The definition of 2x16 hours is Hour Ending (HE) 0800 – 2300, Sunday, Saturday, and all NERC holidays, EPT.
Currency	US Dollars
Min Price Fluctuation	\$0.0001 per MWh
Minimum Tick	\$0.0001 per MWh
First Trading Day	The first business day after the last trading day of the current expiring contract
Last Trading Day	The sixth business day following the last calendar day of the month
Contract Series	49 months
Fixed Price	The traded price or the previous day's settlement price
Daily Settlement Price	Determined by the Exchange based on exchange activity, other market data, and extrapolation to traded contracts, as appropriate
Final Settlement Price	The final settlement price will be determined by the Exchange at approximately 3 pm EPT on the Last Trading Day. The final settlement price is the average of the day- ahead hourly Energy of PJM WESTERN HUB plus the day-ahead hourly Congestion price of PECO for all 2x16 hours in the contract month. These prices can be found at the following link or at successor location. https://dataminer2.pjm.com/feed/mnt_ftr_zonal_Imps (Zone references on this site are listed as _ZONE, e.g, the congestion components of contracts on JCPL would settle against price for JCPL_ZONE on this site)/feed/da_hrl_Imps
Final Settlement (Payment) Date	The first business day following the Last Trading Day
Position Limit	2189 MW
Margin Unit	US Dollars

# PJM PENELEC Monthly Day Ahead 2x16 Energy + Congestion Contract

ITEM	SPECIFICATION
Contract Description	Monthly Cash Settled Financial 2x16 Energy + Congestion PJM PENELEC, Day Ahead
Contract Code	SAU
Hours of Trading	As defined at http://www.nodalexchange.com
Unit of Trading	1 lot, which is equal to 1 MW for each hour of the contract
Lot Size	Variable, expressed in megawatt hour (MWh). The Lot Size will equal 1 MW multiplied by the number of 2x16 hours within the month traded, so in a month with 144 2x16 hours, the Lot Size equals 144 MWh. The definition of 2x16 hours is Hour Ending (HE) 0800 – 2300, Sunday, Saturday, and all NERC holidays, EPT.
Currency	US Dollars
Min Price Fluctuation	\$0.0001 per MWh
Minimum Tick	\$0.0001 per MWh
First Trading Day	The first business day after the last trading day of the current expiring contract
Last Trading Day	The sixth business day following the last calendar day of the month
Contract Series	49 months
Fixed Price	The traded price or the previous day's settlement price
Daily Settlement Price	Determined by the Exchange based on exchange activity, other market data, and extrapolation to traded contracts, as appropriate
Final Settlement Price	The final settlement price will be determined by the Exchange at approximately 3 pm EPT on the Last Trading Day. The final settlement price is the average of the day- ahead hourly Energy of PJM WESTERN HUB plus the day-ahead hourly Congestion price of PENELEC for all 2x16 hours in the contract month. These prices can be found at the following link or at successor location. https://dataminer2.pjm.com/feed/mnt_ftr_zonal_Imps (Zone references on this site are listed as _ZONE, e.g, the congestion components of contracts on JCPL would settle against price for JCPL_ZONE on this site)/feed/da_hrl_Imps
Final Settlement (Payment) Date	The first business day following the Last Trading Day
Position Limit	1278 MW
Margin Unit	US Dollars

# PJM PEPCO Monthly Day Ahead 2x16 Energy + Congestion Contract

ITEM	SPECIFICATION
Contract Description	Monthly Cash Settled Financial 2x16 Energy + Congestion PJM PEPCO, Day Ahead
Contract Code	SAV
Hours of Trading	As defined at http://www.nodalexchange.com
Unit of Trading	1 lot, which is equal to 1 MW for each hour of the contract
Lot Size	Variable, expressed in megawatt hour (MWh). The Lot Size will equal 1 MW multiplied by the number of 2x16 hours within the month traded, so in a month with 144 2x16 hours, the Lot Size equals 144 MWh. The definition of 2x16 hours is Hour Ending (HE) 0800 – 2300, Sunday, Saturday, and all NERC holidays, EPT.
Currency	US Dollars
Min Price Fluctuation	\$0.0001 per MWh
Minimum Tick	\$0.0001 per MWh
First Trading Day	The first business day after the last trading day of the current expiring contract
Last Trading Day	The sixth business day following the last calendar day of the month
Contract Series	49 months
Fixed Price	The traded price or the previous day's settlement price
Daily Settlement Price	Determined by the Exchange based on exchange activity, other market data, and extrapolation to traded contracts, as appropriate
Final Settlement Price	The final settlement price will be determined by the Exchange at approximately 3 pm EPT on the Last Trading Day. The final settlement price is the average of the day- ahead hourly Energy of PJM WESTERN HUB plus the day-ahead hourly Congestion price of PEPCO for all 2x16 hours in the contract month. These prices can be found at the following link or at successor location. https://dataminer2.pjm.com/feed/mnt_ftr_zonal_Imps (Zone references on this site are listed as _ZONE, e.g, the congestion components of contracts on JCPL would settle against price for JCPL_ZONE on this site)/feed/da_hrl_Imps
Final Settlement (Payment) Date	The first business day following the Last Trading Day
Position Limit	1019 MW
Margin Unit	US Dollars

# PJM PPL Monthly Day Ahead 2x16 Energy + Congestion Contract

ITEM	SPECIFICATION
Contract Description	Monthly Cash Settled Financial 2x16 Energy + Congestion PJM PPL, Day Ahead
Contract Code	SAW
Hours of Trading	As defined at http://www.nodalexchange.com
Unit of Trading	1 lot, which is equal to 1 MW for each hour of the contract
Lot Size	Variable, expressed in megawatt hour (MWh). The Lot Size will equal 1 MW multiplied by the number of 2x16 hours within the month traded, so in a month with 144 2x16 hours, the Lot Size equals 144 MWh. The definition of 2x16 hours is Hour Ending (HE) 0800 – 2300, Sunday, Saturday, and all NERC holidays, EPT.
Currency	US Dollars
Min Price Fluctuation	\$0.0001 per MWh
Minimum Tick	\$0.0001 per MWh
First Trading Day	The first business day after the last trading day of the current expiring contract
Last Trading Day	The sixth business day following the last calendar day of the month
Contract Series	49 months
Fixed Price	The traded price or the previous day's settlement price
Daily Settlement Price	Determined by the Exchange based on exchange activity, other market data, and extrapolation to traded contracts, as appropriate
Final Settlement Price	The final settlement price will be determined by the Exchange at approximately 3 pm EPT on the Last Trading Day. The final settlement price is the average of the day- ahead hourly Energy of PJM WESTERN HUB plus the day-ahead hourly Congestion price of PPL for all 2x16 hours in the contract month. These prices can be found at the following link or at successor location. https://dataminer2.pjm.com/feed/mnt_ftr_zonal_Imps (Zone references on this site are listed as _ZONE, e.g, the congestion components of contracts on JCPL would settle against price for JCPL_ZONE on this site)/feed/da_hrl_Imps
Final Settlement (Payment) Date	The first business day following the Last Trading Day
Position Limit	1920 MW
Margin Unit	US Dollars

## PJM PSEG Monthly Day Ahead 2x16 Energy + Congestion Contract

ITEM	SPECIFICATION
Contract Description	Monthly Cash Settled Financial 2x16 Energy + Congestion PJM PSEG, Day Ahead
Contract Code	SAX
Hours of Trading	As defined at http://www.nodalexchange.com
Unit of Trading	1 lot, which is equal to 1 MW for each hour of the contract
Lot Size	Variable, expressed in megawatt hour (MWh). The Lot Size will equal 1 MW multiplied by the number of 2x16 hours within the month traded, so in a month with 144 2x16 hours, the Lot Size equals 144 MWh. The definition of 2x16 hours is Hour Ending (HE) 0800 – 2300, Sunday, Saturday, and all NERC holidays, EPT.
Currency	US Dollars
Min Price Fluctuation	\$0.0001 per MWh
Minimum Tick	\$0.0001 per MWh
First Trading Day	The first business day after the last trading day of the current expiring contract
Last Trading Day	The sixth business day following the last calendar day of the month
Contract Series	49 months
Fixed Price	The traded price or the previous day's settlement price
Daily Settlement Price	Determined by the Exchange based on exchange activity, other market data, and extrapolation to traded contracts, as appropriate
Final Settlement Price	The final settlement price will be determined by the Exchange at approximately 3 pm EPT on the Last Trading Day. The final settlement price is the average of the day- ahead hourly Energy of PJM WESTERN HUB plus the day-ahead hourly Congestion price of PSEG for all 2x16 hours in the contract month. These prices can be found at the following link or at successor location. https://dataminer2.pjm.com/feed/mnt_ftr_zonal_Imps (Zone references on this site are listed as _ZONE, e.g, the congestion components of contracts on JCPL would settle against price for JCPL_ZONE on this site)/feed/da_hrl_Imps
Final Settlement (Payment) Date	The first business day following the Last Trading Day
Position Limit	1548 MW
Margin Unit	US Dollars

# PJM RECO Monthly Day Ahead 2x16 Energy + Congestion Contract

ITEM	SPECIFICATION
Contract Description	Monthly Cash Settled Financial 2x16 Energy + Congestion PJM RECO, Day Ahead
Contract Code	SAY
Hours of Trading	As defined at http://www.nodalexchange.com
Unit of Trading	1 lot, which is equal to 1 MW for each hour of the contract
Lot Size	Variable, expressed in megawatt hour (MWh). The Lot Size will equal 1 MW multiplied by the number of 2x16 hours within the month traded, so in a month with 144 2x16 hours, the Lot Size equals 144 MWh. The definition of 2x16 hours is Hour Ending (HE) 0800 – 2300, Sunday, Saturday, and all NERC holidays, EPT.
Currency	US Dollars
Min Price Fluctuation	\$0.0001 per MWh
Minimum Tick	\$0.0001 per MWh
First Trading Day	The first business day after the last trading day of the current expiring contract
Last Trading Day	The sixth business day following the last calendar day of the month
Contract Series	49 months
Fixed Price	The traded price or the previous day's settlement price
Daily Settlement Price	Determined by the Exchange based on exchange activity, other market data, and extrapolation to traded contracts, as appropriate
Final Settlement Price	The final settlement price will be determined by the Exchange at approximately 3 pm EPT on the Last Trading Day. The final settlement price is the average of the day- ahead hourly Energy of PJM WESTERN HUB plus the day-ahead hourly Congestion price of RECO for all 2x16 hours in the contract month. These prices can be found at the following link or at successor location. https://dataminer2.pjm.com/feed/mnt_ftr_zonal_Imps (Zone references on this site are listed as _ZONE, e.g, the congestion components of contracts on JCPL would settle against price for JCPL_ZONE on this site)/feed/da_hrl_Imps
Final Settlement (Payment) Date	The first business day following the Last Trading Day
Position Limit	47 MW
Margin Unit	US Dollars

#### PJM WESTERN HUB Monthly Day Ahead 2x16 Energy + Congestion Contract

ITEM	SPECIFICATION
Contract Description	Monthly Cash Settled Financial 2x16 Energy + Congestion PJM WESTERN HUB, Day Ahead
Contract Code	SAZ
Hours of Trading	As defined at http://www.nodalexchange.com
Unit of Trading	1 lot, which is equal to 1 MW for each hour of the contract
Lot Size	Variable, expressed in megawatt hour (MWh). The Lot Size will equal 1 MW multiplied by the number of 2x16 hours within the month traded, so in a month with 144 2x16 hours, the Lot Size equals 144 MWh. The definition of 2x16 hours is Hour Ending (HE) 0800 – 2300, Sunday, Saturday, and all NERC holidays, EPT.
Currency	US Dollars
Min Price Fluctuation	\$0.0001 per MWh
Minimum Tick	\$0.0001 per MWh
First Trading Day	The first business day after the last trading day of the current expiring contract
Last Trading Day	The sixth business day following the last calendar day of the month
Contract Series	49 months
Fixed Price	The traded price or the previous day's settlement price
Daily Settlement Price	Determined by the Exchange based on exchange activity, other market data, and extrapolation to traded contracts, as appropriate
Final Settlement Price	The final settlement price will be determined by the Exchange at approximately 3 pm EPT on the Last Trading Day. The final settlement price is the average of the day- ahead hourly Energy of PJM WESTERN HUB plus the day-ahead hourly Congestion price of WESTERN HUB for all 2x16 hours in the contract month. These prices can be found at the following link or at successor location https://dataminer2.pjm.com/feed/da_hrl_lmps
Final Settlement (Payment) Date	The first business day following the Last Trading Day
Position Limit	9389 MW
Margin Unit	US Dollars

# PJM FE OHIO Monthly Day Ahead 2x16 Energy + Congestion Contract

ITEM	SPECIFICATION
Contract Description	Monthly Cash Settled Financial 2x16 Energy + Congestion PJM FE OHIO, Day Ahead
Contract Code	SBA
Hours of Trading	As defined at http://www.nodalexchange.com
Unit of Trading	1 lot, which is equal to 1 MW for each hour of the contract
Lot Size	Variable, expressed in megawatt hour (MWh). The Lot Size will equal 1 MW multiplied by the number of 2x16 hours within the month traded, so in a month with 144 2x16 hours, the Lot Size equals 144 MWh. The definition of 2x16 hours is Hour Ending (HE) 0800 – 2300, Sunday, Saturday, and all NERC holidays, EPT.
Currency	US Dollars
Min Price Fluctuation	\$0.0001 per MWh
Minimum Tick	\$0.0001 per MWh
First Trading Day	The first business day after the last trading day of the current expiring contract
Last Trading Day	The sixth business day following the last calendar day of the month
Contract Series	49 months
Fixed Price	The traded price or the previous day's settlement price
Daily Settlement Price	Determined by the Exchange based on exchange activity, other market data, and extrapolation to traded contracts, as appropriate
Final Settlement Price	The final settlement price will be determined by the Exchange at approximately 3 pm EPT on the Last Trading Day. The final settlement price is the average of the day- ahead hourly Energy of PJM WESTERN HUB plus the day-ahead hourly Congestion price of FE OHIO for all 2x16 hours in the contract month. These prices can be found at the following link or at successor location. https://dataminer2.pjm.com/feed/mnt_ftr_zonal_Imps (Zone references on this site are listed as _ZONE, e.g, the congestion components of contracts on JCPL would settle against price for JCPL_ZONE on this site)/feed/da_hrl_Imps
Final Settlement (Payment) Date	The first business day following the Last Trading Day
Position Limit	2005 MW
Margin Unit	US Dollars

## PJM SOUTH Monthly Day Ahead 2x16 Energy + Congestion Contract

ITEM	SPECIFICATION
Contract Description	Monthly Cash Settled Financial 2x16 Energy + Congestion PJM SOUTH, Day Ahead
Contract Code	SBC
Hours of Trading	As defined at http://www.nodalexchange.com
Unit of Trading	1 lot, which is equal to 1 MW for each hour of the contract
Lot Size	Variable, expressed in megawatt hour (MWh). The Lot Size will equal 1 MW multiplied by the number of 2x16 hours within the month traded, so in a month with 144 2x16 hours, the Lot Size equals 144 MWh. The definition of 2x16 hours is Hour Ending (HE) 0800 – 2300, Sunday, Saturday, and all NERC holidays, EPT.
Currency	US Dollars
Min Price Fluctuation	\$0.0001 per MWh
Minimum Tick	\$0.0001 per MWh
First Trading Day	The first business day after the last trading day of the current expiring contract
Last Trading Day	The sixth business day following the last calendar day of the month
Contract Series	49 months
Fixed Price	The traded price or the previous day's settlement price
Daily Settlement Price	Determined by the Exchange based on exchange activity, other market data, and extrapolation to traded contracts, as appropriate
Final Settlement Price	The final settlement price will be determined by the Exchange at approximately 3 pm EPT on the Last Trading Day. The final settlement price is the average of the day- ahead hourly Energy of PJM WESTERN HUB plus the day-ahead hourly Congestion price of SOUTH for all 2x16 hours in the contract month. These prices can be found at the following link or at successor location https://dataminer2.pjm.com/feed/da_hrl_lmps
Final Settlement (Payment) Date	The first business day following the Last Trading Day
Position Limit	1781 MW
Margin Unit	US Dollars

## PJM AECO Monthly Day Ahead 7x8 Energy + Congestion Contract

ITEM	SPECIFICATION
Contract Description	Monthly Cash Settled Financial 7x8 Energy + Congestion PJM AECO, Day Ahead
Contract Code	SBD
Hours of Trading	As defined at http://www.nodalexchange.com
Unit of Trading	1 lot, which is equal to 1 MW for each hour of the contract
Lot Size	Variable, expressed in megawatt hour (MWh). The Lot Size will equal 1 MW multiplied by the number of 7x8 hours within the month traded, so in a month with 248 7x8 hours, the Lot Size equals 248 MWh. The definition of 7x8 hours is Hour Ending (HE) 0100 – 0700 and HE 2400, Sunday through Saturday, EPT.
Currency	US Dollars
Min Price Fluctuation	\$0.0001 per MWh
Minimum Tick	\$0.0001 per MWh
First Trading Day	The first business day after the last trading day of the current expiring contract
Last Trading Day	The sixth business day following the last calendar day of the month
Contract Series	49 months
Fixed Price	The traded price or the previous day's settlement price
Daily Settlement Price	Determined by the Exchange based on exchange activity, other market data, and extrapolation to traded contracts, as appropriate
Final Settlement Price	The final settlement price will be determined by the Exchange at approximately 3 pm EPT on the Last Trading Day. The final settlement price is the average of the day- ahead hourly Energy of PJM WESTERN HUB plus the day-ahead hourly Congestion price of AECO for all 7x8 hours in the contract month. These prices can be found at the following link or at successor location. https://dataminer2.pjm.com/feed/mnt_ftr_zonal_Imps (Zone references on this site are listed as _ZONE, e.g, the congestion components of contracts on JCPL would settle against price for JCPL_ZONE on this site)/feed/da_hrl_Imps
Final Settlement (Payment) Date	The first business day following the Last Trading Day
Position Limit	292 MW
Margin Unit	US Dollars

# PJM AEP Monthly Day Ahead 7x8 Energy + Congestion Contract

ITEM	SPECIFICATION
Contract Description	Monthly Cash Settled Financial 7x8 Energy + Congestion PJM AEP, Day Ahead
Contract Code	SBE
Hours of Trading	As defined at http://www.nodalexchange.com
Unit of Trading	1 lot, which is equal to 1 MW for each hour of the contract
Lot Size	Variable, expressed in megawatt hour (MWh). The Lot Size will equal 1 MW multiplied by the number of 7x8 hours within the month traded, so in a month with 248 7x8 hours, the Lot Size equals 248 MWh. The definition of 7x8 hours is Hour Ending (HE) 0100 – 0700 and HE 2400, Sunday through Saturday, EPT.
Currency	US Dollars
Min Price Fluctuation	\$0.0001 per MWh
Minimum Tick	\$0.0001 per MWh
First Trading Day	The first business day after the last trading day of the current expiring contract
Last Trading Day	The sixth business day following the last calendar day of the month
Contract Series	49 months
Fixed Price	The traded price or the previous day's settlement price
Daily Settlement Price	Determined by the Exchange based on exchange activity, other market data, and extrapolation to traded contracts, as appropriate
Final Settlement Price	The final settlement price will be determined by the Exchange at approximately 3 pm EPT on the Last Trading Day. The final settlement price is the average of the day- ahead hourly Energy of PJM WESTERN HUB plus the day-ahead hourly Congestion price of AEP for all 7x8 hours in the contract month. These prices can be found at the following link or at successor location. https://dataminer2.pjm.com/feed/mnt_ftr_zonal_Imps (Zone references on this site are listed as _ZONE, e.g, the congestion components of contracts on JCPL would settle against price for JCPL_ZONE on this site)/feed/da_hrl_Imps
Final Settlement (Payment) Date	The first business day following the Last Trading Day
Position Limit	9000 MW
Margin Unit	US Dollars

## PJM AEP-DAYTON HUB Monthly Day Ahead 7x8 Energy + Congestion Contract

ITEM	SPECIFICATION
Contract Description	Monthly Cash Settled Financial 7x8 Energy + Congestion PJM AEP-DAYTON HUB, Day Ahead
Contract Code	SBF
Hours of Trading	As defined at http://www.nodalexchange.com
Unit of Trading	1 lot, which is equal to 1 MW for each hour of the contract
Lot Size	Variable, expressed in megawatt hour (MWh). The Lot Size will equal 1 MW multiplied by the number of 7x8 hours within the month traded, so in a month with 248 7x8 hours, the Lot Size equals 248 MWh. The definition of 7x8 hours is Hour Ending (HE) 0100 – 0700 and HE 2400, Sunday through Saturday, EPT.
Currency	US Dollars
Min Price Fluctuation	\$0.0001 per MWh
Minimum Tick	\$0.0001 per MWh
First Trading Day	The first business day after the last trading day of the current expiring contract
Last Trading Day	The sixth business day following the last calendar day of the month
Contract Series	49 months
Fixed Price	The traded price or the previous day's settlement price
Daily Settlement Price	Determined by the Exchange based on exchange activity, other market data, and extrapolation to traded contracts, as appropriate
Final Settlement Price	The final settlement price will be determined by the Exchange at approximately 3 pm EPT on the Last Trading Day. The final settlement price is the average of the day- ahead hourly Energy of PJM WESTERN HUB plus the day-ahead hourly Congestion price of AEP-DAYTON HUB for all 7x8 hours in the contract month. These prices can be found at the following link or at successor location https://dataminer2.pjm.com/feed/da_hrl_Imps
Final Settlement (Payment) Date	The first business day following the Last Trading Day
Position Limit	6535 MW
Margin Unit	US Dollars

# PJM APS Monthly Day Ahead 7x8 Energy + Congestion Contract

ITEM	SPECIFICATION
Contract Description	Monthly Cash Settled Financial 7x8 Energy + Congestion PJM APS, Day Ahead
Contract Code	SBG
Hours of Trading	As defined at http://www.nodalexchange.com
Unit of Trading	1 lot, which is equal to 1 MW for each hour of the contract
Lot Size	Variable, expressed in megawatt hour (MWh). The Lot Size will equal 1 MW multiplied by the number of 7x8 hours within the month traded, so in a month with 248 7x8 hours, the Lot Size equals 248 MWh. The definition of 7x8 hours is Hour Ending (HE) 0100 – 0700 and HE 2400, Sunday through Saturday, EPT.
Currency	US Dollars
Min Price Fluctuation	\$0.0001 per MWh
Minimum Tick	\$0.0001 per MWh
First Trading Day	The first business day after the last trading day of the current expiring contract
Last Trading Day	The sixth business day following the last calendar day of the month
Contract Series	49 months
Fixed Price	The traded price or the previous day's settlement price
Daily Settlement Price	Determined by the Exchange based on exchange activity, other market data, and extrapolation to traded contracts, as appropriate
Final Settlement Price	The final settlement price will be determined by the Exchange at approximately 3 pm EPT on the Last Trading Day. The final settlement price is the average of the day- ahead hourly Energy of PJM WESTERN HUB plus the day-ahead hourly Congestion price of APS for all 7x8 hours in the contract month. These prices can be found at the following link or at successor location. https://dataminer2.pjm.com/feed/mnt_ftr_zonal_Imps (Zone references on this site are listed as _ZONE, e.g, the congestion components of contracts on JCPL would settle against price for JCPL_ZONE on this site)/feed/da_hrl_Imps
Final Settlement (Payment) Date	The first business day following the Last Trading Day
Position Limit	1310 MW
Margin Unit	US Dollars

# PJM ATSI Monthly Day Ahead 7x8 Energy + Congestion Contract

ITEM	SPECIFICATION
Contract Description	Monthly Cash Settled Financial 7x8 Energy + Congestion PJM ATSI, Day Ahead
Contract Code	SBH
Hours of Trading	As defined at http://www.nodalexchange.com
Unit of Trading	1 lot, which is equal to 1 MW for each hour of the contract
Lot Size	Variable, expressed in megawatt hour (MWh). The Lot Size will equal 1 MW multiplied by the number of 7x8 hours within the month traded, so in a month with 248 7x8 hours, the Lot Size equals 248 MWh. The definition of 7x8 hours is Hour Ending (HE) 0100 – 0700 and HE 2400, Sunday through Saturday, EPT.
Currency	US Dollars
Min Price Fluctuation	\$0.0001 per MWh
Minimum Tick	\$0.0001 per MWh
First Trading Day	The first business day after the last trading day of the current expiring contract
Last Trading Day	The sixth business day following the last calendar day of the month
Contract Series	49 months
Fixed Price	The traded price or the previous day's settlement price
Daily Settlement Price	Determined by the Exchange based on exchange activity, other market data, and extrapolation to traded contracts, as appropriate
Final Settlement Price	The final settlement price will be determined by the Exchange at approximately 3 pm EPT on the Last Trading Day. The final settlement price is the average of the day- ahead hourly Energy of PJM WESTERN HUB plus the day-ahead hourly Congestion price of ATSI for all 7x8 hours in the contract month. These prices can be found at the following link or at successor location. https://dataminer2.pjm.com/feed/mnt_ftr_zonal_Imps (Zone references on this site are listed as _ZONE, e.g, the congestion components of contracts on JCPL would settle against price for JCPL_ZONE on this site)/feed/da_hrl_Imps
Final Settlement (Payment) Date	The first business day following the Last Trading Day
Position Limit	1754 MW
Margin Unit	US Dollars

# PJM BGE Monthly Day Ahead 7x8 Energy + Congestion Contract

ITEM	SPECIFICATION
Contract Description	Monthly Cash Settled Financial 7x8 Energy + Congestion PJM BGE, Day Ahead
Contract Code	SBI
Hours of Trading	As defined at http://www.nodalexchange.com
Unit of Trading	1 lot, which is equal to 1 MW for each hour of the contract
Lot Size	Variable, expressed in megawatt hour (MWh). The Lot Size will equal 1 MW multiplied by the number of 7x8 hours within the month traded, so in a month with 248 7x8 hours, the Lot Size equals 248 MWh. The definition of 7x8 hours is Hour Ending (HE) 0100 – 0700 and HE 2400, Sunday through Saturday, EPT.
Currency	US Dollars
Min Price Fluctuation	\$0.0001 per MWh
Minimum Tick	\$0.0001 per MWh
First Trading Day	The first business day after the last trading day of the current expiring contract
Last Trading Day	The sixth business day following the last calendar day of the month
Contract Series	49 months
Fixed Price	The traded price or the previous day's settlement price
Daily Settlement Price	Determined by the Exchange based on exchange activity, other market data, and extrapolation to traded contracts, as appropriate
Final Settlement Price	The final settlement price will be determined by the Exchange at approximately 3 pm EPT on the Last Trading Day. The final settlement price is the average of the day- ahead hourly Energy of PJM WESTERN HUB plus the day-ahead hourly Congestion price of BGE for all 7x8 hours in the contract month. These prices can be found at the following link or at successor location. https://dataminer2.pjm.com/feed/mnt_ftr_zonal_Imps (Zone references on this site are listed as _ZONE, e.g, the congestion components of contracts on JCPL would settle against price for JCPL_ZONE on this site)/feed/da_hrl_Imps
Final Settlement (Payment) Date	The first business day following the Last Trading Day
Position Limit	897 MW
Margin Unit	US Dollars

# PJM COMED Monthly Day Ahead 7x8 Energy + Congestion Contract

ITEM	SPECIFICATION
Contract Description	Monthly Cash Settled Financial 7x8 Energy + Congestion PJM COMED, Day Ahead
Contract Code	SBJ
Hours of Trading	As defined at http://www.nodalexchange.com
Unit of Trading	1 lot, which is equal to 1 MW for each hour of the contract
Lot Size	Variable, expressed in megawatt hour (MWh). The Lot Size will equal 1 MW multiplied by the number of 7x8 hours within the month traded, so in a month with 248 7x8 hours, the Lot Size equals 248 MWh. The definition of 7x8 hours is Hour Ending (HE) 0100 – 0700 and HE 2400, Sunday through Saturday, EPT.
Currency	US Dollars
Min Price Fluctuation	\$0.0001 per MWh
Minimum Tick	\$0.0001 per MWh
First Trading Day	The first business day after the last trading day of the current expiring contract
Last Trading Day	The sixth business day following the last calendar day of the month
Contract Series	49 months
Fixed Price	The traded price or the previous day's settlement price
Daily Settlement Price	Determined by the Exchange based on exchange activity, other market data, and extrapolation to traded contracts, as appropriate
Final Settlement Price	The final settlement price will be determined by the Exchange at approximately 3 pm EPT on the Last Trading Day. The final settlement price is the average of the day- ahead hourly Energy of PJM WESTERN HUB plus the day-ahead hourly Congestion price of COMED for all 7x8 hours in the contract month. These prices can be found at the following link or at successor location. https://dataminer2.pjm.com/feed/mnt_ftr_zonal_Imps (Zone references on this site are listed as _ZONE, e.g, the congestion components of contracts on JCPL would settle against price for JCPL_ZONE on this site)/feed/da_hrl_Imps
Final Settlement (Payment) Date	The first business day following the Last Trading Day
Position Limit	3407 MW
Margin Unit	US Dollars

# PJM DAY Monthly Day Ahead 7x8 Energy + Congestion Contract

ITEM	SPECIFICATION
Contract Description	Monthly Cash Settled Financial 7x8 Energy + Congestion PJM DAY, Day Ahead
Contract Code	SBK
Hours of Trading	As defined at http://www.nodalexchange.com
Unit of Trading	1 lot, which is equal to 1 MW for each hour of the contract
Lot Size	Variable, expressed in megawatt hour (MWh). The Lot Size will equal 1 MW multiplied by the number of 7x8 hours within the month traded, so in a month with 248 7x8 hours, the Lot Size equals 248 MWh. The definition of 7x8 hours is Hour Ending (HE) 0100 – 0700 and HE 2400, Sunday through Saturday, EPT.
Currency	US Dollars
Min Price Fluctuation	\$0.0001 per MWh
Minimum Tick	\$0.0001 per MWh
First Trading Day	The first business day after the last trading day of the current expiring contract
Last Trading Day	The sixth business day following the last calendar day of the month
Contract Series	49 months
Fixed Price	The traded price or the previous day's settlement price
Daily Settlement Price	Determined by the Exchange based on exchange activity, other market data, and extrapolation to traded contracts, as appropriate
Final Settlement Price	The final settlement price will be determined by the Exchange at approximately 3 pm EPT on the Last Trading Day. The final settlement price is the average of the day- ahead hourly Energy of PJM WESTERN HUB plus the day-ahead hourly Congestion price of DAY for all 7x8 hours in the contract month. These prices can be found at the following link or at successor location. https://dataminer2.pjm.com/feed/mnt_ftr_zonal_Imps (Zone references on this site are listed as _ZONE, e.g, the congestion components of contracts on JCPL would settle against price for JCPL_ZONE on this site)/feed/da_hrl_Imps
Final Settlement (Payment) Date	The first business day following the Last Trading Day
Position Limit	1100 MW
Margin Unit	US Dollars

## PJM DEOK Monthly Day Ahead 7x8 Energy + Congestion Contract

ITEM	SPECIFICATION
Contract Description	Monthly Cash Settled Financial 7x8 Energy + Congestion PJM DEOK, Day Ahead
Contract Code	SBL
Hours of Trading	As defined at http://www.nodalexchange.com
Unit of Trading	1 lot, which is equal to 1 MW for each hour of the contract
Lot Size	Variable, expressed in megawatt hour (MWh). The Lot Size will equal 1 MW multiplied by the number of 7x8 hours within the month traded, so in a month with 248 7x8 hours, the Lot Size equals 248 MWh. The definition of 7x8 hours is Hour Ending (HE) 0100 – 0700 and HE 2400, Sunday through Saturday, EPT.
Currency	US Dollars
Min Price Fluctuation	\$0.0001 per MWh
Minimum Tick	\$0.0001 per MWh
First Trading Day	The first business day after the last trading day of the current expiring contract
Last Trading Day	The sixth business day following the last calendar day of the month
Contract Series	49 months
Fixed Price	The traded price or the previous day's settlement price
Daily Settlement Price	Determined by the Exchange based on exchange activity, other market data, and extrapolation to traded contracts, as appropriate
Final Settlement Price	The final settlement price will be determined by the Exchange at approximately 3 pm EPT on the Last Trading Day. The final settlement price is the average of the day- ahead hourly Energy of PJM WESTERN HUB plus the day-ahead hourly Congestion price of DEOK for all 7x8 hours in the contract month. These prices can be found at the following link or at successor location. https://dataminer2.pjm.com/feed/mnt_ftr_zonal_Imps (Zone references on this site are listed as _ZONE, e.g, the congestion components of contracts on JCPL would settle against price for JCPL_ZONE on this site)/feed/da_hrl_Imps
Final Settlement (Payment) Date	The first business day following the Last Trading Day
Position Limit	704 MW
Margin Unit	US Dollars

## PJM DOM Monthly Day Ahead 7x8 Energy + Congestion Contract

ITEM	SPECIFICATION
Contract Description	Monthly Cash Settled Financial 7x8 Energy + Congestion PJM DOM, Day Ahead
Contract Code	SBM
Hours of Trading	As defined at http://www.nodalexchange.com
Unit of Trading	1 lot, which is equal to 1 MW for each hour of the contract
Lot Size	Variable, expressed in megawatt hour (MWh). The Lot Size will equal 1 MW multiplied by the number of 7x8 hours within the month traded, so in a month with 248 7x8 hours, the Lot Size equals 248 MWh. The definition of 7x8 hours is Hour Ending (HE) 0100 – 0700 and HE 2400, Sunday through Saturday, EPT.
Currency	US Dollars
Min Price Fluctuation	\$0.0001 per MWh
Minimum Tick	\$0.0001 per MWh
First Trading Day	The first business day after the last trading day of the current expiring contract
Last Trading Day	The sixth business day following the last calendar day of the month
Contract Series	49 months
Fixed Price	The traded price or the previous day's settlement price
Daily Settlement Price	Determined by the Exchange based on exchange activity, other market data, and extrapolation to traded contracts, as appropriate
Final Settlement Price	The final settlement price will be determined by the Exchange at approximately 3 pm EPT on the Last Trading Day. The final settlement price is the average of the day- ahead hourly Energy of PJM WESTERN HUB plus the day-ahead hourly Congestion price of DOM for all 7x8 hours in the contract month. These prices can be found at the following link or at successor location. https://dataminer2.pjm.com/feed/mnt_ftr_zonal_Imps (Zone references on this site are listed as _ZONE, e.g, the congestion components of contracts on JCPL would settle against price for JCPL_ZONE on this site)/feed/da_hrl_Imps
Final Settlement (Payment) Date	The first business day following the Last Trading Day
Position Limit	6300 MW
Margin Unit	US Dollars

### PJM DOMINION HUB Monthly Day Ahead 7x8 Energy + Congestion Contract

ITEM	SPECIFICATION
Contract Description	Monthly Cash Settled Financial 7x8 Energy + Congestion PJM DOMINION HUB, Day Ahead
Contract Code	SBN
Hours of Trading	As defined at http://www.nodalexchange.com
Unit of Trading	1 lot, which is equal to 1 MW for each hour of the contract
Lot Size	Variable, expressed in megawatt hour (MWh). The Lot Size will equal 1 MW multiplied by the number of 7x8 hours within the month traded, so in a month with 248 7x8 hours, the Lot Size equals 248 MWh. The definition of 7x8 hours is Hour Ending (HE) 0100 – 0700 and HE 2400, Sunday through Saturday, EPT.
Currency	US Dollars
Min Price Fluctuation	\$0.0001 per MWh
Minimum Tick	\$0.0001 per MWh
First Trading Day	The first business day after the last trading day of the current expiring contract
Last Trading Day	The sixth business day following the last calendar day of the month
Contract Series	49 months
Fixed Price	The traded price or the previous day's settlement price
Daily Settlement Price	Determined by the Exchange based on exchange activity, other market data, and extrapolation to traded contracts, as appropriate
Final Settlement Price	The final settlement price will be determined by the Exchange at approximately 3 pm EPT on the Last Trading Day. The final settlement price is the average of the day- ahead hourly Energy of PJM WESTERN HUB plus the day-ahead hourly Congestion price of DOMINION HUB for all 7x8 hours in the contract month. These prices can be found at the following link or at successor location https://dataminer2.pjm.com/feed/da_hrl_Imps
Final Settlement (Payment) Date	The first business day following the Last Trading Day
Position Limit	12966 MW
Margin Unit	US Dollars

# PJM DPL Monthly Day Ahead 7x8 Energy + Congestion Contract

ITEM	SPECIFICATION
Contract Description	Monthly Cash Settled Financial 7x8 Energy + Congestion PJM DPL, Day Ahead
Contract Code	SBO
Hours of Trading	As defined at http://www.nodalexchange.com
Unit of Trading	1 lot, which is equal to 1 MW for each hour of the contract
Lot Size	Variable, expressed in megawatt hour (MWh). The Lot Size will equal 1 MW multiplied by the number of 7x8 hours within the month traded, so in a month with 248 7x8 hours, the Lot Size equals 248 MWh. The definition of 7x8 hours is Hour Ending (HE) 0100 – 0700 and HE 2400, Sunday through Saturday, EPT.
Currency	US Dollars
Min Price Fluctuation	\$0.0001 per MWh
Minimum Tick	\$0.0001 per MWh
First Trading Day	The first business day after the last trading day of the current expiring contract
Last Trading Day	The sixth business day following the last calendar day of the month
Contract Series	49 months
Fixed Price	The traded price or the previous day's settlement price
Daily Settlement Price	Determined by the Exchange based on exchange activity, other market data, and extrapolation to traded contracts, as appropriate
Final Settlement Price	The final settlement price will be determined by the Exchange at approximately 3 pm EPT on the Last Trading Day. The final settlement price is the average of the day- ahead hourly Energy of PJM WESTERN HUB plus the day-ahead hourly Congestion price of DPL for all 7x8 hours in the contract month. These prices can be found at the following link or at successor location. https://dataminer2.pjm.com/feed/mnt_ftr_zonal_Imps (Zone references on this site are listed as _ZONE, e.g, the congestion components of contracts on JCPL would settle against price for JCPL_ZONE on this site)/feed/da_hrl_Imps
Final Settlement (Payment) Date	The first business day following the Last Trading Day
Position Limit	513 MW
Margin Unit	US Dollars

# PJM DUQ Monthly Day Ahead 7x8 Energy + Congestion Contract

ITEM	SPECIFICATION
Contract Description	Monthly Cash Settled Financial 7x8 Energy + Congestion PJM DUQ, Day Ahead
Contract Code	SBP
Hours of Trading	As defined at http://www.nodalexchange.com
Unit of Trading	1 lot, which is equal to 1 MW for each hour of the contract
Lot Size	Variable, expressed in megawatt hour (MWh). The Lot Size will equal 1 MW multiplied by the number of 7x8 hours within the month traded, so in a month with 248 7x8 hours, the Lot Size equals 248 MWh. The definition of 7x8 hours is Hour Ending (HE) 0100 – 0700 and HE 2400, Sunday through Saturday, EPT.
Currency	US Dollars
Min Price Fluctuation	\$0.0001 per MWh
Minimum Tick	\$0.0001 per MWh
First Trading Day	The first business day after the last trading day of the current expiring contract
Last Trading Day	The sixth business day following the last calendar day of the month
Contract Series	49 months
Fixed Price	The traded price or the previous day's settlement price
Daily Settlement Price	Determined by the Exchange based on exchange activity, other market data, and extrapolation to traded contracts, as appropriate
Final Settlement Price	The final settlement price will be determined by the Exchange at approximately 3 pm EPT on the Last Trading Day. The final settlement price is the average of the day- ahead hourly Energy of PJM WESTERN HUB plus the day-ahead hourly Congestion price of DUQ for all 7x8 hours in the contract month. These prices can be found at the following link or at successor location. https://dataminer2.pjm.com/feed/mnt_ftr_zonal_Imps (Zone references on this site are listed as _ZONE, e.g, the congestion components of contracts on JCPL would settle against price for JCPL_ZONE on this site)/feed/da_hrl_Imps
Final Settlement (Payment) Date	The first business day following the Last Trading Day
Position Limit	420 MW
Margin Unit	US Dollars

### PJM EASTERN HUB Monthly Day Ahead 7x8 Energy + Congestion Contract

ITEM	SPECIFICATION
Contract Description	Monthly Cash Settled Financial 7x8 Energy + Congestion PJM EASTERN HUB, Day Ahead
Contract Code	SBQ
Hours of Trading	As defined at http://www.nodalexchange.com
Unit of Trading	1 lot, which is equal to 1 MW for each hour of the contract
Lot Size	Variable, expressed in megawatt hour (MWh). The Lot Size will equal 1 MW multiplied by the number of 7x8 hours within the month traded, so in a month with 248 7x8 hours, the Lot Size equals 248 MWh. The definition of 7x8 hours is Hour Ending (HE) 0100 – 0700 and HE 2400, Sunday through Saturday, EPT.
Currency	US Dollars
Min Price Fluctuation	\$0.0001 per MWh
Minimum Tick	\$0.0001 per MWh
First Trading Day	The first business day after the last trading day of the current expiring contract
Last Trading Day	The sixth business day following the last calendar day of the month
Contract Series	49 months
Fixed Price	The traded price or the previous day's settlement price
Daily Settlement Price	Determined by the Exchange based on exchange activity, other market data, and extrapolation to traded contracts, as appropriate
Final Settlement Price	The final settlement price will be determined by the Exchange at approximately 3 pm EPT on the Last Trading Day. The final settlement price is the average of the day- ahead hourly Energy of PJM WESTERN HUB plus the day-ahead hourly Congestion price of EASTERN HUB for all 7x8 hours in the contract month. These prices can be found at the following link or at successor location https://dataminer2.pjm.com/feed/da_hrl_Imps
Final Settlement (Payment) Date	The first business day following the Last Trading Day
Position Limit	9551 MW
Margin Unit	US Dollars

# PJM JCPL Monthly Day Ahead 7x8 Energy + Congestion Contract

ITEM	SPECIFICATION
Contract Description	Monthly Cash Settled Financial 7x8 Energy + Congestion PJM JCPL, Day Ahead
Contract Code	SBR
Hours of Trading	As defined at http://www.nodalexchange.com
Unit of Trading	1 lot, which is equal to 1 MW for each hour of the contract
Lot Size	Variable, expressed in megawatt hour (MWh). The Lot Size will equal 1 MW multiplied by the number of 7x8 hours within the month traded, so in a month with 248 7x8 hours, the Lot Size equals 248 MWh. The definition of 7x8 hours is Hour Ending (HE) 0100 – 0700 and HE 2400, Sunday through Saturday, EPT.
Currency	US Dollars
Min Price Fluctuation	\$0.0001 per MWh
Minimum Tick	\$0.0001 per MWh
First Trading Day	The first business day after the last trading day of the current expiring contract
Last Trading Day	The sixth business day following the last calendar day of the month
Contract Series	49 months
Fixed Price	The traded price or the previous day's settlement price
Daily Settlement Price	Determined by the Exchange based on exchange activity, other market data, and extrapolation to traded contracts, as appropriate
Final Settlement Price	The final settlement price will be determined by the Exchange at approximately 3 pm EPT on the Last Trading Day. The final settlement price is the average of the day- ahead hourly Energy of PJM WESTERN HUB plus the day-ahead hourly Congestion price of JCPL for all 7x8 hours in the contract month. These prices can be found at the following link or at successor location. https://dataminer2.pjm.com/feed/mnt_ftr_zonal_Imps (Zone references on this site are listed as _ZONE, e.g, the congestion components of contracts on JCPL would settle against price for JCPL_ZONE on this site)/feed/da_hrl_Imps
Final Settlement (Payment) Date	The first business day following the Last Trading Day
Position Limit	609 MW
Margin Unit	US Dollars

# PJM METED Monthly Day Ahead 7x8 Energy + Congestion Contract

ITEM	SPECIFICATION
Contract Description	Monthly Cash Settled Financial 7x8 Energy + Congestion PJM METED, Day Ahead
Contract Code	SBT
Hours of Trading	As defined at http://www.nodalexchange.com
Unit of Trading	1 lot, which is equal to 1 MW for each hour of the contract
Lot Size	Variable, expressed in megawatt hour (MWh). The Lot Size will equal 1 MW multiplied by the number of 7x8 hours within the month traded, so in a month with 248 7x8 hours, the Lot Size equals 248 MWh. The definition of 7x8 hours is Hour Ending (HE) 0100 – 0700 and HE 2400, Sunday through Saturday, EPT.
Currency	US Dollars
Min Price Fluctuation	\$0.0001 per MWh
Minimum Tick	\$0.0001 per MWh
First Trading Day	The first business day after the last trading day of the current expiring contract
Last Trading Day	The sixth business day following the last calendar day of the month
Contract Series	49 months
Fixed Price	The traded price or the previous day's settlement price
Daily Settlement Price	Determined by the Exchange based on exchange activity, other market data, and extrapolation to traded contracts, as appropriate
Final Settlement Price	The final settlement price will be determined by the Exchange at approximately 3 pm EPT on the Last Trading Day. The final settlement price is the average of the day- ahead hourly Energy of PJM WESTERN HUB plus the day-ahead hourly Congestion price of METED for all 7x8 hours in the contract month. These prices can be found at the following link or at successor location. https://dataminer2.pjm.com/feed/mnt_ftr_zonal_Imps (Zone references on this site are listed as _ZONE, e.g, the congestion components of contracts on JCPL would settle against price for JCPL_ZONE on this site)/feed/da_hrl_Imps
Final Settlement (Payment) Date	The first business day following the Last Trading Day
Position Limit	563 MW
Margin Unit	US Dollars

### PJM N ILLINOIS HUB Monthly Day Ahead 7x8 Energy + Congestion Contract

ITEM	SPECIFICATION
Contract Description	Monthly Cash Settled Financial 7x8 Energy + Congestion PJM N ILLINOIS HUB, Day Ahead
Contract Code	SBU
Hours of Trading	As defined at http://www.nodalexchange.com
Unit of Trading	1 lot, which is equal to 1 MW for each hour of the contract
Lot Size	Variable, expressed in megawatt hour (MWh). The Lot Size will equal 1 MW multiplied by the number of 7x8 hours within the month traded, so in a month with 248 7x8 hours, the Lot Size equals 248 MWh. The definition of 7x8 hours is Hour Ending (HE) 0100 – 0700 and HE 2400, Sunday through Saturday, EPT.
Currency	US Dollars
Min Price Fluctuation	\$0.0001 per MWh
Minimum Tick	\$0.0001 per MWh
First Trading Day	The first business day after the last trading day of the current expiring contract
Last Trading Day	The sixth business day following the last calendar day of the month
Contract Series	49 months
Fixed Price	The traded price or the previous day's settlement price
Daily Settlement Price	Determined by the Exchange based on exchange activity, other market data, and extrapolation to traded contracts, as appropriate
Final Settlement Price	The final settlement price will be determined by the Exchange at approximately 3 pm EPT on the Last Trading Day. The final settlement price is the average of the day- ahead hourly Energy of PJM WESTERN HUB plus the day-ahead hourly Congestion price of N ILLINOIS HUB for all 7x8 hours in the contract month. These prices can be found at the following link or at successor location https://dataminer2.pjm.com/feed/da_hrl_Imps
Final Settlement (Payment) Date	The first business day following the Last Trading Day
Position Limit	5196 MW
Margin Unit	US Dollars

## PJM PECO Monthly Day Ahead 7x8 Energy + Congestion Contract

ITEM	SPECIFICATION
Contract Description	Monthly Cash Settled Financial 7x8 Energy + Congestion PJM PECO, Day Ahead
Contract Code	SBV
Hours of Trading	As defined at http://www.nodalexchange.com
Unit of Trading	1 lot, which is equal to 1 MW for each hour of the contract
Lot Size	Variable, expressed in megawatt hour (MWh). The Lot Size will equal 1 MW multiplied by the number of 7x8 hours within the month traded, so in a month with 248 7x8 hours, the Lot Size equals 248 MWh. The definition of 7x8 hours is Hour Ending (HE) 0100 – 0700 and HE 2400, Sunday through Saturday, EPT.
Currency	US Dollars
Min Price Fluctuation	\$0.0001 per MWh
Minimum Tick	\$0.0001 per MWh
First Trading Day	The first business day after the last trading day of the current expiring contract
Last Trading Day	The sixth business day following the last calendar day of the month
Contract Series	49 months
Fixed Price	The traded price or the previous day's settlement price
Daily Settlement Price	Determined by the Exchange based on exchange activity, other market data, and extrapolation to traded contracts, as appropriate
Final Settlement Price	The final settlement price will be determined by the Exchange at approximately 3 pm EPT on the Last Trading Day. The final settlement price is the average of the day- ahead hourly Energy of PJM WESTERN HUB plus the day-ahead hourly Congestion price of PECO for all 7x8 hours in the contract month. These prices can be found at the following link or at successor location. https://dataminer2.pjm.com/feed/mnt_ftr_zonal_Imps (Zone references on this site are listed as _ZONE, e.g, the congestion components of contracts on JCPL would settle against price for JCPL_ZONE on this site)/feed/da_hrl_Imps
Final Settlement (Payment) Date	The first business day following the Last Trading Day
Position Limit	1815 MW
Margin Unit	US Dollars

## PJM PENELEC Monthly Day Ahead 7x8 Energy + Congestion Contract

ITEM	SPECIFICATION
Contract Description	Monthly Cash Settled Financial 7x8 Energy + Congestion PJM PENELEC, Day Ahead
Contract Code	SBW
Hours of Trading	As defined at http://www.nodalexchange.com
Unit of Trading	1 lot, which is equal to 1 MW for each hour of the contract
Lot Size	Variable, expressed in megawatt hour (MWh). The Lot Size will equal 1 MW multiplied by the number of 7x8 hours within the month traded, so in a month with 248 7x8 hours, the Lot Size equals 248 MWh. The definition of 7x8 hours is Hour Ending (HE) 0100 – 0700 and HE 2400, Sunday through Saturday, EPT.
Currency	US Dollars
Min Price Fluctuation	\$0.0001 per MWh
Minimum Tick	\$0.0001 per MWh
First Trading Day	The first business day after the last trading day of the current expiring contract
Last Trading Day	The sixth business day following the last calendar day of the month
Contract Series	49 months
Fixed Price	The traded price or the previous day's settlement price
Daily Settlement Price	Determined by the Exchange based on exchange activity, other market data, and extrapolation to traded contracts, as appropriate
Final Settlement Price	The final settlement price will be determined by the Exchange at approximately 3 pm EPT on the Last Trading Day. The final settlement price is the average of the day- ahead hourly Energy of PJM WESTERN HUB plus the day-ahead hourly Congestion price of PENELEC for all 7x8 hours in the contract month. These prices can be found at the following link or at successor location. https://dataminer2.pjm.com/feed/mnt_ftr_zonal_Imps (Zone references on this site are listed as _ZONE, e.g, the congestion components of contracts on JCPL would settle against price for JCPL_ZONE on this site)/feed/da_hrl_Imps
Final Settlement (Payment) Date	The first business day following the Last Trading Day
Position Limit	1055 MW
Margin Unit	US Dollars

# PJM PEPCO Monthly Day Ahead 7x8 Energy + Congestion Contract

ITEM	SPECIFICATION
Contract Description	Monthly Cash Settled Financial 7x8 Energy + Congestion PJM PEPCO, Day Ahead
Contract Code	SBX
Hours of Trading	As defined at http://www.nodalexchange.com
Unit of Trading	1 lot, which is equal to 1 MW for each hour of the contract
Lot Size	Variable, expressed in megawatt hour (MWh). The Lot Size will equal 1 MW multiplied by the number of 7x8 hours within the month traded, so in a month with 248 7x8 hours, the Lot Size equals 248 MWh. The definition of 7x8 hours is Hour Ending (HE) 0100 – 0700 and HE 2400, Sunday through Saturday, EPT.
Currency	US Dollars
Min Price Fluctuation	\$0.0001 per MWh
Minimum Tick	\$0.0001 per MWh
First Trading Day	The first business day after the last trading day of the current expiring contract
Last Trading Day	The sixth business day following the last calendar day of the month
Contract Series	49 months
Fixed Price	The traded price or the previous day's settlement price
Daily Settlement Price	Determined by the Exchange based on exchange activity, other market data, and extrapolation to traded contracts, as appropriate
Final Settlement Price	The final settlement price will be determined by the Exchange at approximately 3 pm EPT on the Last Trading Day. The final settlement price is the average of the day- ahead hourly Energy of PJM WESTERN HUB plus the day-ahead hourly Congestion price of PEPCO for all 7x8 hours in the contract month. These prices can be found at the following link or at successor location. https://dataminer2.pjm.com/feed/mnt_ftr_zonal_Imps (Zone references on this site are listed as _ZONE, e.g, the congestion components of contracts on JCPL would settle against price for JCPL_ZONE on this site)/feed/da_hrl_Imps
Final Settlement (Payment) Date	The first business day following the Last Trading Day
Position Limit	833 MW
Margin Unit	US Dollars

# PJM PPL Monthly Day Ahead 7x8 Energy + Congestion Contract

ITEM	SPECIFICATION
Contract Description	Monthly Cash Settled Financial 7x8 Energy + Congestion PJM PPL, Day Ahead
Contract Code	SBY
Hours of Trading	As defined at http://www.nodalexchange.com
Unit of Trading	1 lot, which is equal to 1 MW for each hour of the contract
Lot Size	Variable, expressed in megawatt hour (MWh). The Lot Size will equal 1 MW multiplied by the number of 7x8 hours within the month traded, so in a month with 248 7x8 hours, the Lot Size equals 248 MWh. The definition of 7x8 hours is Hour Ending (HE) 0100 – 0700 and HE 2400, Sunday through Saturday, EPT.
Currency	US Dollars
Min Price Fluctuation	\$0.0001 per MWh
Minimum Tick	\$0.0001 per MWh
First Trading Day	The first business day after the last trading day of the current expiring contract
Last Trading Day	The sixth business day following the last calendar day of the month
Contract Series	49 months
Fixed Price	The traded price or the previous day's settlement price
Daily Settlement Price	Determined by the Exchange based on exchange activity, other market data, and extrapolation to traded contracts, as appropriate
Final Settlement Price	The final settlement price will be determined by the Exchange at approximately 3 pm EPT on the Last Trading Day. The final settlement price is the average of the day- ahead hourly Energy of PJM WESTERN HUB plus the day-ahead hourly Congestion price of PPL for all 7x8 hours in the contract month. These prices can be found at the following link or at successor location. https://dataminer2.pjm.com/feed/mnt_ftr_zonal_Imps (Zone references on this site are listed as _ZONE, e.g, the congestion components of contracts on JCPL would settle against price for JCPL_ZONE on this site)/feed/da_hrl_Imps
Final Settlement (Payment) Date	The first business day following the Last Trading Day
Position Limit	1593 MW
Margin Unit	US Dollars

# PJM PSEG Monthly Day Ahead 7x8 Energy + Congestion Contract

ITEM	SPECIFICATION
Contract Description	Monthly Cash Settled Financial 7x8 Energy + Congestion PJM PSEG, Day Ahead
Contract Code	SBZ
Hours of Trading	As defined at http://www.nodalexchange.com
Unit of Trading	1 lot, which is equal to 1 MW for each hour of the contract
Lot Size	Variable, expressed in megawatt hour (MWh). The Lot Size will equal 1 MW multiplied by the number of 7x8 hours within the month traded, so in a month with 248 7x8 hours, the Lot Size equals 248 MWh. The definition of 7x8 hours is Hour Ending (HE) 0100 – 0700 and HE 2400, Sunday through Saturday, EPT.
Currency	US Dollars
Min Price Fluctuation	\$0.0001 per MWh
Minimum Tick	\$0.0001 per MWh
First Trading Day	The first business day after the last trading day of the current expiring contract
Last Trading Day	The sixth business day following the last calendar day of the month
Contract Series	49 months
Fixed Price	The traded price or the previous day's settlement price
Daily Settlement Price	Determined by the Exchange based on exchange activity, other market data, and extrapolation to traded contracts, as appropriate
Final Settlement Price	The final settlement price will be determined by the Exchange at approximately 3 pm EPT on the Last Trading Day. The final settlement price is the average of the day- ahead hourly Energy of PJM WESTERN HUB plus the day-ahead hourly Congestion price of PSEG for all 7x8 hours in the contract month. These prices can be found at the following link or at successor location. https://dataminer2.pjm.com/feed/mnt_ftr_zonal_Imps (Zone references on this site are listed as _ZONE, e.g, the congestion components of contracts on JCPL would settle against price for JCPL_ZONE on this site)/feed/da_hrl_Imps
Final Settlement (Payment) Date	The first business day following the Last Trading Day
Position Limit	1168 MW
Margin Unit	US Dollars

## PJM RECO Monthly Day Ahead 7x8 Energy + Congestion Contract

ITEM	SPECIFICATION
Contract Description	Monthly Cash Settled Financial 7x8 Energy + Congestion PJM RECO, Day Ahead
Contract Code	SCA
Hours of Trading	As defined at http://www.nodalexchange.com
Unit of Trading	1 lot, which is equal to 1 MW for each hour of the contract
Lot Size	Variable, expressed in megawatt hour (MWh). The Lot Size will equal 1 MW multiplied by the number of 7x8 hours within the month traded, so in a month with 248 7x8 hours, the Lot Size equals 248 MWh. The definition of 7x8 hours is Hour Ending (HE) 0100 – 0700 and HE 2400, Sunday through Saturday, EPT.
Currency	US Dollars
Min Price Fluctuation	\$0.0001 per MWh
Minimum Tick	\$0.0001 per MWh
First Trading Day	The first business day after the last trading day of the current expiring contract
Last Trading Day	The sixth business day following the last calendar day of the month
Contract Series	49 months
Fixed Price	The traded price or the previous day's settlement price
Daily Settlement Price	Determined by the Exchange based on exchange activity, other market data, and extrapolation to traded contracts, as appropriate
Final Settlement Price	The final settlement price will be determined by the Exchange at approximately 3 pm EPT on the Last Trading Day. The final settlement price is the average of the day- ahead hourly Energy of PJM WESTERN HUB plus the day-ahead hourly Congestion price of RECO for all 7x8 hours in the contract month. These prices can be found at the following link or at successor location. https://dataminer2.pjm.com/feed/mnt_ftr_zonal_Imps (Zone references on this site are listed as _ZONE, e.g, the congestion components of contracts on JCPL would settle against price for JCPL_ZONE on this site)/feed/da_hrl_Imps
Final Settlement (Payment) Date	The first business day following the Last Trading Day
Position Limit	36 MW
Margin Unit	US Dollars

### PJM WESTERN HUB Monthly Day Ahead 7x8 Energy + Congestion Contract

ITEM	SPECIFICATION
Contract Description	Monthly Cash Settled Financial 7x8 Energy + Congestion PJM WESTERN HUB, Day Ahead
Contract Code	SCB
Hours of Trading	As defined at http://www.nodalexchange.com
Unit of Trading	1 lot, which is equal to 1 MW for each hour of the contract
Lot Size	Variable, expressed in megawatt hour (MWh). The Lot Size will equal 1 MW multiplied by the number of 7x8 hours within the month traded, so in a month with 248 7x8 hours, the Lot Size equals 248 MWh. The definition of 7x8 hours is Hour Ending (HE) 0100 – 0700 and HE 2400, Sunday through Saturday, EPT.
Currency	US Dollars
Min Price Fluctuation	\$0.0001 per MWh
Minimum Tick	\$0.0001 per MWh
First Trading Day	The first business day after the last trading day of the current expiring contract
Last Trading Day	The sixth business day following the last calendar day of the month
Contract Series	49 months
Fixed Price	The traded price or the previous day's settlement price
Daily Settlement Price	Determined by the Exchange based on exchange activity, other market data, and extrapolation to traded contracts, as appropriate
Final Settlement Price	The final settlement price will be determined by the Exchange at approximately 3 pm EPT on the Last Trading Day. The final settlement price is the average of the day- ahead hourly Energy of PJM WESTERN HUB plus the day-ahead hourly Congestion price of WESTERN HUB for all 7x8 hours in the contract month. These prices can be found at the following link or at successor location https://dataminer2.pjm.com/feed/da_hrl_lmps
Final Settlement (Payment) Date	The first business day following the Last Trading Day
Position Limit	9190 MW
Margin Unit	US Dollars

## PJM FE OHIO Monthly Day Ahead 7x8 Energy + Congestion Contract

ITEM	SPECIFICATION
Contract Description	Monthly Cash Settled Financial 7x8 Energy + Congestion PJM FE OHIO, Day Ahead
Contract Code	SCD
Hours of Trading	As defined at http://www.nodalexchange.com
Unit of Trading	1 lot, which is equal to 1 MW for each hour of the contract
Lot Size	Variable, expressed in megawatt hour (MWh). The Lot Size will equal 1 MW multiplied by the number of 7x8 hours within the month traded, so in a month with 248 7x8 hours, the Lot Size equals 248 MWh. The definition of 7x8 hours is Hour Ending (HE) 0100 – 0700 and HE 2400, Sunday through Saturday, EPT.
Currency	US Dollars
Min Price Fluctuation	\$0.0001 per MWh
Minimum Tick	\$0.0001 per MWh
First Trading Day	The first business day after the last trading day of the current expiring contract
Last Trading Day	The sixth business day following the last calendar day of the month
Contract Series	49 months
Fixed Price	The traded price or the previous day's settlement price
Daily Settlement Price	Determined by the Exchange based on exchange activity, other market data, and extrapolation to traded contracts, as appropriate
Final Settlement Price	The final settlement price will be determined by the Exchange at approximately 3 pm EPT on the Last Trading Day. The final settlement price is the average of the day- ahead hourly Energy of PJM WESTERN HUB plus the day-ahead hourly Congestion price of FE OHIO for all 7x8 hours in the contract month. These prices can be found at the following link or at successor location. https://dataminer2.pjm.com/feed/mnt_ftr_zonal_Imps (Zone references on this site are listed as _ZONE, e.g, the congestion components of contracts on JCPL would settle against price for JCPL_ZONE on this site)/feed/da_hrl_Imps
Final Settlement (Payment) Date	The first business day following the Last Trading Day
Position Limit	1614 MW
Margin Unit	US Dollars

# PJM SOUTH Monthly Day Ahead 7x8 Energy + Congestion Contract

ITEM	SPECIFICATION
Contract Description	Monthly Cash Settled Financial 7x8 Energy + Congestion PJM SOUTH, Day Ahead
Contract Code	SCE
Hours of Trading	As defined at http://www.nodalexchange.com
Unit of Trading	1 lot, which is equal to 1 MW for each hour of the contract
Lot Size	Variable, expressed in megawatt hour (MWh). The Lot Size will equal 1 MW multiplied by the number of 7x8 hours within the month traded, so in a month with 248 7x8 hours, the Lot Size equals 248 MWh. The definition of 7x8 hours is Hour Ending (HE) 0100 – 0700 and HE 2400, Sunday through Saturday, EPT.
Currency	US Dollars
Min Price Fluctuation	\$0.0001 per MWh
Minimum Tick	\$0.0001 per MWh
First Trading Day	The first business day after the last trading day of the current expiring contract
Last Trading Day	The sixth business day following the last calendar day of the month
Contract Series	49 months
Fixed Price	The traded price or the previous day's settlement price
Daily Settlement Price	Determined by the Exchange based on exchange activity, other market data, and extrapolation to traded contracts, as appropriate
Final Settlement Price	The final settlement price will be determined by the Exchange at approximately 3 pm EPT on the Last Trading Day. The final settlement price is the average of the day- ahead hourly Energy of PJM WESTERN HUB plus the day-ahead hourly Congestion price of SOUTH for all 7x8 hours in the contract month. These prices can be found at the following link or at successor location https://dataminer2.pjm.com/feed/da_hrl_Imps
Final Settlement (Payment) Date	The first business day following the Last Trading Day
Position Limit	1781 MW
Margin Unit	US Dollars

## PJM AECO Monthly Day Ahead 2x16 Power Contract

ITEM	SPECIFICATION
Contract Description	Monthly Cash Settled Financial 2x16 Power, PJM AECO, Day Ahead
Contract Code	SCF
Hours of Trading	As defined at http://www.nodalexchange.com
Unit of Trading	1 lot, based on 1 MW for each hour of the contract
Lot Size	Variable, expressed in megawatt hour (MWh). The Lot Size will equal 1 MW multiplied by the number of 2x16 hours within the month traded, so in a month with 144 2x16 hours, the Lot Size equals 144 MWh. The definition of 2x16 hours is Hour Ending (HE) 0800 – 2300, Sunday, Saturday, and all NERC holidays, EPT.
Currency	US Dollars
Min Price Fluctuation	\$0.0001 per MWh
Minimum Tick	\$0.0001 per MWh
First Trading Day	The first business day after the last trading day of the current expiring contract
Last Trading Day	The third business day following the last calendar day of the month
Contract Series	69 months
Fixed Price	The traded price or the previous day's settlement price
Daily Settlement Price	Determined by the Exchange based on exchange activity, other market data, and extrapolation to traded contracts, as appropriate
Final Settlement Price	The final settlement price will be determined by the Exchange at approximately 3 pm EPT on the Last Trading Day. The final settlement price is the average of the Day Ahead hourly LMP for all 2x16 hours. These prices can be found at the following link or at successor location https://dataminer2.pjm.com/feed/da_hrl_lmps
Final Settlement (Payment) Date	The first business day following the Last Trading Day
Position Limit	476 MW
Margin Unit	US Dollars

## PJM AEP Monthly Day Ahead 2x16 Power Contract

ITEM	SPECIFICATION
Contract Description	Monthly Cash Settled Financial 2x16 Power, PJM AEP, Day Ahead
Contract Code	SCG
Hours of Trading	As defined at http://www.nodalexchange.com
Unit of Trading	1 lot, based on 1 MW for each hour of the contract
Lot Size	Variable, expressed in megawatt hour (MWh). The Lot Size will equal 1 MW multiplied by the number of 2x16 hours within the month traded, so in a month with 144 2x16 hours, the Lot Size equals 144 MWh. The definition of 2x16 hours is Hour Ending (HE) 0800 – 2300, Sunday, Saturday, and all NERC holidays, EPT.
Currency	US Dollars
Min Price Fluctuation	\$0.0001 per MWh
Minimum Tick	\$0.0001 per MWh
First Trading Day	The first business day after the last trading day of the current expiring contract
Last Trading Day	The third business day following the last calendar day of the month
Contract Series	69 months
Fixed Price	The traded price or the previous day's settlement price
Daily Settlement Price	Determined by the Exchange based on exchange activity, other market data, and extrapolation to traded contracts, as appropriate
Final Settlement Price	The final settlement price will be determined by the Exchange at approximately 3 pm EPT on the Last Trading Day. The final settlement price is the average of the Day Ahead hourly LMP for all 2x16 hours. These prices can be found at the following link or at successor location https://dataminer2.pjm.com/feed/da_hrl_lmps
Final Settlement (Payment) Date	The first business day following the Last Trading Day
Position Limit	9000 MW
Margin Unit	US Dollars

## PJM APS Monthly Day Ahead 2x16 Power Contract

ITEM	SPECIFICATION
Contract Description	Monthly Cash Settled Financial 2x16 Power, PJM APS, Day Ahead
Contract Code	SCH
Hours of Trading	As defined at http://www.nodalexchange.com
Unit of Trading	1 lot, based on 1 MW for each hour of the contract
Lot Size	Variable, expressed in megawatt hour (MWh). The Lot Size will equal 1 MW multiplied by the number of 2x16 hours within the month traded, so in a month with 144 2x16 hours, the Lot Size equals 144 MWh. The definition of 2x16 hours is Hour Ending (HE) 0800 – 2300, Sunday, Saturday, and all NERC holidays, EPT.
Currency	US Dollars
Min Price Fluctuation	\$0.0001 per MWh
Minimum Tick	\$0.0001 per MWh
First Trading Day	The first business day after the last trading day of the current expiring contract
Last Trading Day	The third business day following the last calendar day of the month
Contract Series	69 months
Fixed Price	The traded price or the previous day's settlement price
Daily Settlement Price	Determined by the Exchange based on exchange activity, other market data, and extrapolation to traded contracts, as appropriate
Final Settlement Price	The final settlement price will be determined by the Exchange at approximately 3 pm EPT on the Last Trading Day. The final settlement price is the average of the Day Ahead hourly LMP for all 2x16 hours. These prices can be found at the following link or at successor location https://dataminer2.pjm.com/feed/da_hrl_Imps
Final Settlement (Payment) Date	The first business day following the Last Trading Day
Position Limit	1528 MW
Margin Unit	US Dollars

## PJM ATSI Monthly Day Ahead 2x16 Power Contract

ITEM	SPECIFICATION
Contract Description	Monthly Cash Settled Financial 2x16 Power, PJM ATSI, Day Ahead
Contract Code	SCI
Hours of Trading	As defined at http://www.nodalexchange.com
Unit of Trading	1 lot, based on 1 MW for each hour of the contract
Lot Size	Variable, expressed in megawatt hour (MWh). The Lot Size will equal 1 MW multiplied by the number of 2x16 hours within the month traded, so in a month with 144 2x16 hours, the Lot Size equals 144 MWh. The definition of 2x16 hours is Hour Ending (HE) 0800 – 2300, Sunday, Saturday, and all NERC holidays, EPT.
Currency	US Dollars
Min Price Fluctuation	\$0.0001 per MWh
Minimum Tick	\$0.0001 per MWh
First Trading Day	The first business day after the last trading day of the current expiring contract
Last Trading Day	The third business day following the last calendar day of the month
Contract Series	69 months
Fixed Price	The traded price or the previous day's settlement price
Daily Settlement Price	Determined by the Exchange based on exchange activity, other market data, and extrapolation to traded contracts, as appropriate
Final Settlement Price	The final settlement price will be determined by the Exchange at approximately 3 pm EPT on the Last Trading Day. The final settlement price is the average of the Day Ahead hourly LMP for all 2x16 hours. These prices can be found at the following link or at successor location https://dataminer2.pjm.com/feed/da_hrl_lmps
Final Settlement (Payment) Date	The first business day following the Last Trading Day
Position Limit	2180 MW
Margin Unit	US Dollars

# PJM BGE Monthly Day Ahead 2x16 Power Contract

ITEM	SPECIFICATION
Contract Description	Monthly Cash Settled Financial 2x16 Power, PJM BGE, Day Ahead
Contract Code	SCJ
Hours of Trading	As defined at http://www.nodalexchange.com
Unit of Trading	1 lot, based on 1 MW for each hour of the contract
Lot Size	Variable, expressed in megawatt hour (MWh). The Lot Size will equal 1 MW multiplied by the number of 2x16 hours within the month traded, so in a month with 144 2x16 hours, the Lot Size equals 144 MWh. The definition of 2x16 hours is Hour Ending (HE) 0800 – 2300, Sunday, Saturday, and all NERC holidays, EPT.
Currency	US Dollars
Min Price Fluctuation	\$0.0001 per MWh
Minimum Tick	\$0.0001 per MWh
First Trading Day	The first business day after the last trading day of the current expiring contract
Last Trading Day	The third business day following the last calendar day of the month
Contract Series	69 months
Fixed Price	The traded price or the previous day's settlement price
Daily Settlement Price	Determined by the Exchange based on exchange activity, other market data, and extrapolation to traded contracts, as appropriate
Final Settlement Price	The final settlement price will be determined by the Exchange at approximately 3 pm EPT on the Last Trading Day. The final settlement price is the average of the Day Ahead hourly LMP for all 2x16 hours. These prices can be found at the following link or at successor location https://dataminer2.pjm.com/feed/da_hrl_lmps
Final Settlement (Payment) Date	The first business day following the Last Trading Day
Position Limit	1143 MW
Margin Unit	US Dollars

## PJM COMED Monthly Day Ahead 2x16 Power Contract

ITEM	SPECIFICATION
Contract Description	Monthly Cash Settled Financial 2x16 Power, PJM COMED, Day Ahead
Contract Code	SCK
Hours of Trading	As defined at http://www.nodalexchange.com
Unit of Trading	1 lot, based on 1 MW for each hour of the contract
Lot Size	Variable, expressed in megawatt hour (MWh). The Lot Size will equal 1 MW multiplied by the number of 2x16 hours within the month traded, so in a month with 144 2x16 hours, the Lot Size equals 144 MWh. The definition of 2x16 hours is Hour Ending (HE) 0800 – 2300, Sunday, Saturday, and all NERC holidays, EPT.
Currency	US Dollars
Min Price Fluctuation	\$0.0001 per MWh
Minimum Tick	\$0.0001 per MWh
First Trading Day	The first business day after the last trading day of the current expiring contract
Last Trading Day	The third business day following the last calendar day of the month
Contract Series	69 months
Fixed Price	The traded price or the previous day's settlement price
Daily Settlement Price	Determined by the Exchange based on exchange activity, other market data, and extrapolation to traded contracts, as appropriate
Final Settlement Price	The final settlement price will be determined by the Exchange at approximately 3 pm EPT on the Last Trading Day. The final settlement price is the average of the Day Ahead hourly LMP for all 2x16 hours. These prices can be found at the following link or at successor location https://dataminer2.pjm.com/feed/da_hrl_Imps
Final Settlement (Payment) Date	The first business day following the Last Trading Day
Position Limit	4146 MW
Margin Unit	US Dollars

# PJM DAY Monthly Day Ahead 2x16 Power Contract

ITEM	SPECIFICATION
Contract Description	Monthly Cash Settled Financial 2x16 Power, PJM DAY, Day Ahead
Contract Code	SCL
Hours of Trading	As defined at http://www.nodalexchange.com
Unit of Trading	1 lot, based on 1 MW for each hour of the contract
Lot Size	Variable, expressed in megawatt hour (MWh). The Lot Size will equal 1 MW multiplied by the number of 2x16 hours within the month traded, so in a month with 144 2x16 hours, the Lot Size equals 144 MWh. The definition of 2x16 hours is Hour Ending (HE) 0800 – 2300, Sunday, Saturday, and all NERC holidays, EPT.
Currency	US Dollars
Min Price Fluctuation	\$0.0001 per MWh
Minimum Tick	\$0.0001 per MWh
First Trading Day	The first business day after the last trading day of the current expiring contract
Last Trading Day	The third business day following the last calendar day of the month
Contract Series	69 months
Fixed Price	The traded price or the previous day's settlement price
Daily Settlement Price	Determined by the Exchange based on exchange activity, other market data, and extrapolation to traded contracts, as appropriate
Final Settlement Price	The final settlement price will be determined by the Exchange at approximately 3 pm EPT on the Last Trading Day. The final settlement price is the average of the Day Ahead hourly LMP for all 2x16 hours. These prices can be found at the following link or at successor location https://dataminer2.pjm.com/feed/da_hrl_lmps
Final Settlement (Payment) Date	The first business day following the Last Trading Day
Position Limit	1100 MW
Margin Unit	US Dollars

## PJM DEOK Monthly Day Ahead 2x16 Power Contract

ITEM	SPECIFICATION
Contract Description	Monthly Cash Settled Financial 2x16 Power, PJM DEOK, Day Ahead
Contract Code	SCM
Hours of Trading	As defined at http://www.nodalexchange.com
Unit of Trading	1 lot, based on 1 MW for each hour of the contract
Lot Size	Variable, expressed in megawatt hour (MWh). The Lot Size will equal 1 MW multiplied by the number of 2x16 hours within the month traded, so in a month with 144 2x16 hours, the Lot Size equals 144 MWh. The definition of 2x16 hours is Hour Ending (HE) 0800 – 2300, Sunday, Saturday, and all NERC holidays, EPT.
Currency	US Dollars
Min Price Fluctuation	\$0.0001 per MWh
Minimum Tick	\$0.0001 per MWh
First Trading Day	The first business day after the last trading day of the current expiring contract
Last Trading Day	The third business day following the last calendar day of the month
Contract Series	69 months
Fixed Price	The traded price or the previous day's settlement price
Daily Settlement Price	Determined by the Exchange based on exchange activity, other market data, and extrapolation to traded contracts, as appropriate
Final Settlement Price	The final settlement price will be determined by the Exchange at approximately 3 pm EPT on the Last Trading Day. The final settlement price is the average of the Day Ahead hourly LMP for all 2x16 hours. These prices can be found at the following link or at successor location https://dataminer2.pjm.com/feed/da_hrl_Imps
Final Settlement (Payment) Date	The first business day following the Last Trading Day
Position Limit	840 MW
Margin Unit	US Dollars

## PJM DOM Monthly Day Ahead 2x16 Power Contract

ITEM	SPECIFICATION
Contract Description	Monthly Cash Settled Financial 2x16 Power, PJM DOM, Day Ahead
Contract Code	SCN
Hours of Trading	As defined at http://www.nodalexchange.com
Unit of Trading	1 lot, based on 1 MW for each hour of the contract
Lot Size	Variable, expressed in megawatt hour (MWh). The Lot Size will equal 1 MW multiplied by the number of 2x16 hours within the month traded, so in a month with 144 2x16 hours, the Lot Size equals 144 MWh. The definition of 2x16 hours is Hour Ending (HE) 0800 – 2300, Sunday, Saturday, and all NERC holidays, EPT.
Currency	US Dollars
Min Price Fluctuation	\$0.0001 per MWh
Minimum Tick	\$0.0001 per MWh
First Trading Day	The first business day after the last trading day of the current expiring contract
Last Trading Day	The third business day following the last calendar day of the month
Contract Series	69 months
Fixed Price	The traded price or the previous day's settlement price
Daily Settlement Price	Determined by the Exchange based on exchange activity, other market data, and extrapolation to traded contracts, as appropriate
Final Settlement Price	The final settlement price will be determined by the Exchange at approximately 3 pm EPT on the Last Trading Day. The final settlement price is the average of the Day Ahead hourly LMP for all 2x16 hours. These prices can be found at the following link or at successor location https://dataminer2.pjm.com/feed/da_hrl_Imps
Final Settlement (Payment) Date	The first business day following the Last Trading Day
Position Limit	6300 MW
Margin Unit	US Dollars

## PJM DOMINION HUB Monthly Day Ahead 2x16 Power Contract

ITEM	SPECIFICATION
Contract Description	Monthly Cash Settled Financial 2x16 Power, PJM DOMINION HUB, Day Ahead
Contract Code	SCO
Hours of Trading	As defined at http://www.nodalexchange.com
Unit of Trading	1 lot, based on 1 MW for each hour of the contract
Lot Size	Variable, expressed in megawatt hour (MWh). The Lot Size will equal 1 MW multiplied by the number of 2x16 hours within the month traded, so in a month with 144 2x16 hours, the Lot Size equals 144 MWh. The definition of 2x16 hours is Hour Ending (HE) 0800 – 2300, Sunday, Saturday, and all NERC holidays, EPT.
Currency	US Dollars
Min Price Fluctuation	\$0.0001 per MWh
Minimum Tick	\$0.0001 per MWh
First Trading Day	The first business day after the last trading day of the current expiring contract
Last Trading Day	The third business day following the last calendar day of the month
Contract Series	69 months
Fixed Price	The traded price or the previous day's settlement price
Daily Settlement Price	Determined by the Exchange based on exchange activity, other market data, and extrapolation to traded contracts, as appropriate
Final Settlement Price	The final settlement price will be determined by the Exchange at approximately 3 pm EPT on the Last Trading Day. The final settlement price is the average of the Day Ahead hourly LMP for all 2x16 hours. These prices can be found at the following link or at successor location https://dataminer2.pjm.com/feed/da_hrl_Imps
Final Settlement (Payment) Date	The first business day following the Last Trading Day
Position Limit	13200 MW
Margin Unit	US Dollars

## PJM DPL Monthly Day Ahead 2x16 Power Contract

ITEM	SPECIFICATION
Contract Description	Monthly Cash Settled Financial 2x16 Power, PJM DPL, Day Ahead
Contract Code	SCP
Hours of Trading	As defined at http://www.nodalexchange.com
Unit of Trading	1 lot, based on 1 MW for each hour of the contract
Lot Size	Variable, expressed in megawatt hour (MWh). The Lot Size will equal 1 MW multiplied by the number of 2x16 hours within the month traded, so in a month with 144 2x16 hours, the Lot Size equals 144 MWh. The definition of 2x16 hours is Hour Ending (HE) 0800 – 2300, Sunday, Saturday, and all NERC holidays, EPT.
Currency	US Dollars
Min Price Fluctuation	\$0.0001 per MWh
Minimum Tick	\$0.0001 per MWh
First Trading Day	The first business day after the last trading day of the current expiring contract
Last Trading Day	The third business day following the last calendar day of the month
Contract Series	69 months
Fixed Price	The traded price or the previous day's settlement price
Daily Settlement Price	Determined by the Exchange based on exchange activity, other market data, and extrapolation to traded contracts, as appropriate
Final Settlement Price	The final settlement price will be determined by the Exchange at approximately 3 pm EPT on the Last Trading Day. The final settlement price is the average of the Day Ahead hourly LMP for all 2x16 hours. These prices can be found at the following link or at successor location https://dataminer2.pjm.com/feed/da_hrl_Imps
Final Settlement (Payment) Date	The first business day following the Last Trading Day
Position Limit	643 MW
Margin Unit	US Dollars

## PJM DUQ Monthly Day Ahead 2x16 Power Contract

ITEM	SPECIFICATION
Contract Description	Monthly Cash Settled Financial 2x16 Power, PJM DUQ, Day Ahead
Contract Code	SCQ
Hours of Trading	As defined at http://www.nodalexchange.com
Unit of Trading	1 lot, based on 1 MW for each hour of the contract
Lot Size	Variable, expressed in megawatt hour (MWh). The Lot Size will equal 1 MW multiplied by the number of 2x16 hours within the month traded, so in a month with 144 2x16 hours, the Lot Size equals 144 MWh. The definition of 2x16 hours is Hour Ending (HE) 0800 – 2300, Sunday, Saturday, and all NERC holidays, EPT.
Currency	US Dollars
Min Price Fluctuation	\$0.0001 per MWh
Minimum Tick	\$0.0001 per MWh
First Trading Day	The first business day after the last trading day of the current expiring contract
Last Trading Day	The third business day following the last calendar day of the month
Contract Series	69 months
Fixed Price	The traded price or the previous day's settlement price
Daily Settlement Price	Determined by the Exchange based on exchange activity, other market data, and extrapolation to traded contracts, as appropriate
Final Settlement Price	The final settlement price will be determined by the Exchange at approximately 3 pm EPT on the Last Trading Day. The final settlement price is the average of the Day Ahead hourly LMP for all 2x16 hours. These prices can be found at the following link or at successor location https://dataminer2.pjm.com/feed/da_hrl_Imps
Final Settlement (Payment) Date	The first business day following the Last Trading Day
Position Limit	501 MW
Margin Unit	US Dollars

## PJM EASTERN HUB Monthly Day Ahead 2x16 Power Contract

ITEM	SPECIFICATION
Contract Description	Monthly Cash Settled Financial 2x16 Power, PJM EASTERN HUB, Day Ahead
Contract Code	SCR
Hours of Trading	As defined at http://www.nodalexchange.com
Unit of Trading	1 lot, based on 1 MW for each hour of the contract
Lot Size	Variable, expressed in megawatt hour (MWh). The Lot Size will equal 1 MW multiplied by the number of 2x16 hours within the month traded, so in a month with 144 2x16 hours, the Lot Size equals 144 MWh. The definition of 2x16 hours is Hour Ending (HE) 0800 – 2300, Sunday, Saturday, and all NERC holidays, EPT.
Currency	US Dollars
Min Price Fluctuation	\$0.0001 per MWh
Minimum Tick	\$0.0001 per MWh
First Trading Day	The first business day after the last trading day of the current expiring contract
Last Trading Day	The third business day following the last calendar day of the month
Contract Series	69 months
Fixed Price	The traded price or the previous day's settlement price
Daily Settlement Price	Determined by the Exchange based on exchange activity, other market data, and extrapolation to traded contracts, as appropriate
Final Settlement Price	The final settlement price will be determined by the Exchange at approximately 3 pm EPT on the Last Trading Day. The final settlement price is the average of the Day Ahead hourly LMP for all 2x16 hours. These prices can be found at the following link or at successor location https://dataminer2.pjm.com/feed/da_hrl_lmps
Final Settlement (Payment) Date	The first business day following the Last Trading Day
Position Limit	10275 MW
Margin Unit	US Dollars

## PJM METED Monthly Day Ahead 2x16 Power Contract

ITEM	SPECIFICATION
Contract Description	Monthly Cash Settled Financial 2x16 Power, PJM METED, Day Ahead
Contract Code	SCT
Hours of Trading	As defined at http://www.nodalexchange.com
Unit of Trading	1 lot, based on 1 MW for each hour of the contract
Lot Size	Variable, expressed in megawatt hour (MWh). The Lot Size will equal 1 MW multiplied by the number of 2x16 hours within the month traded, so in a month with 144 2x16 hours, the Lot Size equals 144 MWh. The definition of 2x16 hours is Hour Ending (HE) 0800 – 2300, Sunday, Saturday, and all NERC holidays, EPT.
Currency	US Dollars
Min Price Fluctuation	\$0.0001 per MWh
Minimum Tick	\$0.0001 per MWh
First Trading Day	The first business day after the last trading day of the current expiring contract
Last Trading Day	The third business day following the last calendar day of the month
Contract Series	69 months
Fixed Price	The traded price or the previous day's settlement price
Daily Settlement Price	Determined by the Exchange based on exchange activity, other market data, and extrapolation to traded contracts, as appropriate
Final Settlement Price	The final settlement price will be determined by the Exchange at approximately 3 pm EPT on the Last Trading Day. The final settlement price is the average of the Day Ahead hourly LMP for all 2x16 hours. These prices can be found at the following link or at successor location https://dataminer2.pjm.com/feed/da_hrl_Imps
Final Settlement (Payment) Date	The first business day following the Last Trading Day
Position Limit	688 MW
Margin Unit	US Dollars

# PJM PECO Monthly Day Ahead 2x16 Power Contract

ITEM	SPECIFICATION
Contract Description	Monthly Cash Settled Financial 2x16 Power, PJM PECO, Day Ahead
Contract Code	SCU
Hours of Trading	As defined at http://www.nodalexchange.com
Unit of Trading	1 lot, based on 1 MW for each hour of the contract
Lot Size	Variable, expressed in megawatt hour (MWh). The Lot Size will equal 1 MW multiplied by the number of 2x16 hours within the month traded, so in a month with 144 2x16 hours, the Lot Size equals 144 MWh. The definition of 2x16 hours is Hour Ending (HE) 0800 – 2300, Sunday, Saturday, and all NERC holidays, EPT.
Currency	US Dollars
Min Price Fluctuation	\$0.0001 per MWh
Minimum Tick	\$0.0001 per MWh
First Trading Day	The first business day after the last trading day of the current expiring contract
Last Trading Day	The third business day following the last calendar day of the month
Contract Series	69 months
Fixed Price	The traded price or the previous day's settlement price
Daily Settlement Price	Determined by the Exchange based on exchange activity, other market data, and extrapolation to traded contracts, as appropriate
Final Settlement Price	The final settlement price will be determined by the Exchange at approximately 3 pm EPT on the Last Trading Day. The final settlement price is the average of the Day Ahead hourly LMP for all 2x16 hours. These prices can be found at the following link or at successor location https://dataminer2.pjm.com/feed/da_hrl_Imps
Final Settlement (Payment) Date	The first business day following the Last Trading Day
Position Limit	2189 MW
Margin Unit	US Dollars

### PJM PENELEC Monthly Day Ahead 2x16 Power Contract

ITEM	SPECIFICATION
Contract Description	Monthly Cash Settled Financial 2x16 Power, PJM PENELEC, Day Ahead
Contract Code	SCV
Hours of Trading	As defined at http://www.nodalexchange.com
Unit of Trading	1 lot, based on 1 MW for each hour of the contract
Lot Size	Variable, expressed in megawatt hour (MWh). The Lot Size will equal 1 MW multiplied by the number of 2x16 hours within the month traded, so in a month with 144 2x16 hours, the Lot Size equals 144 MWh. The definition of 2x16 hours is Hour Ending (HE) 0800 – 2300, Sunday, Saturday, and all NERC holidays, EPT.
Currency	US Dollars
Min Price Fluctuation	\$0.0001 per MWh
Minimum Tick	\$0.0001 per MWh
First Trading Day	The first business day after the last trading day of the current expiring contract
Last Trading Day	The third business day following the last calendar day of the month
Contract Series	69 months
Fixed Price	The traded price or the previous day's settlement price
Daily Settlement Price	Determined by the Exchange based on exchange activity, other market data, and extrapolation to traded contracts, as appropriate
Final Settlement Price	The final settlement price will be determined by the Exchange at approximately 3 pm EPT on the Last Trading Day. The final settlement price is the average of the Day Ahead hourly LMP for all 2x16 hours. These prices can be found at the following link or at successor location https://dataminer2.pjm.com/feed/da_hrl_Imps
Final Settlement (Payment) Date	The first business day following the Last Trading Day
Position Limit	1278 MW
Margin Unit	US Dollars

### PJM PEPCO Monthly Day Ahead 2x16 Power Contract

ITEM	SPECIFICATION
Contract Description	Monthly Cash Settled Financial 2x16 Power, PJM PEPCO, Day Ahead
Contract Code	SCW
Hours of Trading	As defined at http://www.nodalexchange.com
Unit of Trading	1 lot, based on 1 MW for each hour of the contract
Lot Size	Variable, expressed in megawatt hour (MWh). The Lot Size will equal 1 MW multiplied by the number of 2x16 hours within the month traded, so in a month with 144 2x16 hours, the Lot Size equals 144 MWh. The definition of 2x16 hours is Hour Ending (HE) 0800 – 2300, Sunday, Saturday, and all NERC holidays, EPT.
Currency	US Dollars
Min Price Fluctuation	\$0.0001 per MWh
Minimum Tick	\$0.0001 per MWh
First Trading Day	The first business day after the last trading day of the current expiring contract
Last Trading Day	The third business day following the last calendar day of the month
Contract Series	69 months
Fixed Price	The traded price or the previous day's settlement price
Daily Settlement Price	Determined by the Exchange based on exchange activity, other market data, and extrapolation to traded contracts, as appropriate
Final Settlement Price	The final settlement price will be determined by the Exchange at approximately 3 pm EPT on the Last Trading Day. The final settlement price is the average of the Day Ahead hourly LMP for all 2x16 hours. These prices can be found at the following link or at successor location https://dataminer2.pjm.com/feed/da_hrl_Imps
Final Settlement (Payment) Date	The first business day following the Last Trading Day
Position Limit	1019 MW
Margin Unit	US Dollars

### PJM PSEG Monthly Day Ahead 2x16 Power Contract

ITEM	SPECIFICATION
Contract Description	Monthly Cash Settled Financial 2x16 Power, PJM PSEG, Day Ahead
Contract Code	SCX
Hours of Trading	As defined at http://www.nodalexchange.com
Unit of Trading	1 lot, based on 1 MW for each hour of the contract
Lot Size	Variable, expressed in megawatt hour (MWh). The Lot Size will equal 1 MW multiplied by the number of 2x16 hours within the month traded, so in a month with 144 2x16 hours, the Lot Size equals 144 MWh. The definition of 2x16 hours is Hour Ending (HE) 0800 – 2300, Sunday, Saturday, and all NERC holidays, EPT.
Currency	US Dollars
Min Price Fluctuation	\$0.0001 per MWh
Minimum Tick	\$0.0001 per MWh
First Trading Day	The first business day after the last trading day of the current expiring contract
Last Trading Day	The third business day following the last calendar day of the month
Contract Series	69 months
Fixed Price	The traded price or the previous day's settlement price
Daily Settlement Price	Determined by the Exchange based on exchange activity, other market data, and extrapolation to traded contracts, as appropriate
Final Settlement Price	The final settlement price will be determined by the Exchange at approximately 3 pm EPT on the Last Trading Day. The final settlement price is the average of the Day Ahead hourly LMP for all 2x16 hours. These prices can be found at the following link or at successor location https://dataminer2.pjm.com/feed/da_hrl_Imps
Final Settlement (Payment) Date	The first business day following the Last Trading Day
Position Limit	1548 MW
Margin Unit	US Dollars

# PJM RECO Monthly Day Ahead 2x16 Power Contract

ITEM	SPECIFICATION
Contract Description	Monthly Cash Settled Financial 2x16 Power, PJM RECO, Day Ahead
Contract Code	SCY
Hours of Trading	As defined at http://www.nodalexchange.com
Unit of Trading	1 lot, based on 1 MW for each hour of the contract
Lot Size	Variable, expressed in megawatt hour (MWh). The Lot Size will equal 1 MW multiplied by the number of 2x16 hours within the month traded, so in a month with 144 2x16 hours, the Lot Size equals 144 MWh. The definition of 2x16 hours is Hour Ending (HE) 0800 – 2300, Sunday, Saturday, and all NERC holidays, EPT.
Currency	US Dollars
Min Price Fluctuation	\$0.0001 per MWh
Minimum Tick	\$0.0001 per MWh
First Trading Day	The first business day after the last trading day of the current expiring contract
Last Trading Day	The third business day following the last calendar day of the month
Contract Series	69 months
Fixed Price	The traded price or the previous day's settlement price
Daily Settlement Price	Determined by the Exchange based on exchange activity, other market data, and extrapolation to traded contracts, as appropriate
Final Settlement Price	The final settlement price will be determined by the Exchange at approximately 3 pm EPT on the Last Trading Day. The final settlement price is the average of the Day Ahead hourly LMP for all 2x16 hours. These prices can be found at the following link or at successor location https://dataminer2.pjm.com/feed/da_hrl_lmps
Final Settlement (Payment) Date	The first business day following the Last Trading Day
Position Limit	47 MW
Margin Unit	US Dollars

### PJM FE OHIO Monthly Day Ahead 2x16 Power Contract

ITEM	SPECIFICATION
Contract Description	Monthly Cash Settled Financial 2x16 Power, PJM FE OHIO, Day Ahead
Contract Code	SCZ
Hours of Trading	As defined at http://www.nodalexchange.com
Unit of Trading	1 lot, based on 1 MW for each hour of the contract
Lot Size	Variable, expressed in megawatt hour (MWh). The Lot Size will equal 1 MW multiplied by the number of 2x16 hours within the month traded, so in a month with 144 2x16 hours, the Lot Size equals 144 MWh. The definition of 2x16 hours is Hour Ending (HE) 0800 – 2300, Sunday, Saturday, and all NERC holidays, EPT.
Currency	US Dollars
Min Price Fluctuation	\$0.0001 per MWh
Minimum Tick	\$0.0001 per MWh
First Trading Day	The first business day after the last trading day of the current expiring contract
Last Trading Day	The third business day following the last calendar day of the month
Contract Series	69 months
Fixed Price	The traded price or the previous day's settlement price
Daily Settlement Price	Determined by the Exchange based on exchange activity, other market data, and extrapolation to traded contracts, as appropriate
Final Settlement Price	The final settlement price will be determined by the Exchange at approximately 3 pm EPT on the Last Trading Day. The final settlement price is the average of the Day Ahead hourly LMP for all 2x16 hours. These prices can be found at the following link or at successor location https://dataminer2.pjm.com/feed/da_hrl_Imps
Final Settlement (Payment) Date	The first business day following the Last Trading Day
Position Limit	2005 MW
Margin Unit	US Dollars

### PJM SOUTH Monthly Day Ahead 2x16 Power Contract

ITEM	SPECIFICATION
Contract Description	Monthly Cash Settled Financial 2x16 Power, PJM SOUTH, Day Ahead
Contract Code	SDA
Hours of Trading	As defined at http://www.nodalexchange.com
Unit of Trading	1 lot, based on 1 MW for each hour of the contract
Lot Size	Variable, expressed in megawatt hour (MWh). The Lot Size will equal 1 MW multiplied by the number of 2x16 hours within the month traded, so in a month with 144 2x16 hours, the Lot Size equals 144 MWh. The definition of 2x16 hours is Hour Ending (HE) 0800 – 2300, Sunday, Saturday, and all NERC holidays, EPT.
Currency	US Dollars
Min Price Fluctuation	\$0.0001 per MWh
Minimum Tick	\$0.0001 per MWh
First Trading Day	The first business day after the last trading day of the current expiring contract
Last Trading Day	The third business day following the last calendar day of the month
Contract Series	49 months
Fixed Price	The traded price or the previous day's settlement price
Daily Settlement Price	Determined by the Exchange based on exchange activity, other market data, and extrapolation to traded contracts, as appropriate
Final Settlement Price	The final settlement price will be determined by the Exchange at approximately 3 pm EPT on the Last Trading Day. The final settlement price is the average of the Day Ahead hourly LMP for all 2x16 hours. These prices can be found at the following link or at successor location https://dataminer2.pjm.com/feed/da_hrl_lmps
Final Settlement (Payment) Date	The first business day following the Last Trading Day
Position Limit	1781 MW
Margin Unit	US Dollars

# PJM AECO Monthly Day Ahead 7x8 Power Contract

ITEM	SPECIFICATION
Contract Description	Monthly Cash Settled Financial 7x8 Power, PJM AECO, Day Ahead
Contract Code	SDB
Hours of Trading	As defined at http://www.nodalexchange.com
Unit of Trading	1 lot, based on 1 MW for each hour of the contract
Lot Size	Variable, expressed in megawatt hour (MWh). The Lot Size will equal 1 MW multiplied by the number of 7x8 hours within the month traded, so in a month with 248 7x8 hours, the Lot Size equals 248 MWh. The definition of 7x8 hours is Hour Ending (HE) 0100 – 0700 and HE 2400, Sunday through Saturday, EPT.
Currency	US Dollars
Min Price Fluctuation	\$0.0001 per MWh
Minimum Tick	\$0.0001 per MWh
First Trading Day	The first business day after the last trading day of the current expiring contract
Last Trading Day	The third business day following the last calendar day of the month
Contract Series	69 months
Fixed Price	The traded price or the previous day's settlement price
Daily Settlement Price	Determined by the Exchange based on exchange activity, other market data, and extrapolation to traded contracts, as appropriate
Final Settlement Price	The final settlement price will be determined by the Exchange at approximately 3 pm EPT on the Last Trading Day. The final settlement price is the average of the Day Ahead hourly LMP for all 7x8 hours. These prices can be found at the following link or at successor location https://dataminer2.pjm.com/feed/da_hrl_Imps
Final Settlement (Payment) Date	The first business day following the Last Trading Day
Position Limit	292 MW
Margin Unit	US Dollars

### PJM AEP Monthly Day Ahead 7x8 Power Contract

ITEM	SPECIFICATION
Contract Description	Monthly Cash Settled Financial 7x8 Power, PJM AEP, Day Ahead
Contract Code	SDC
Hours of Trading	As defined at http://www.nodalexchange.com
Unit of Trading	1 lot, based on 1 MW for each hour of the contract
Lot Size	Variable, expressed in megawatt hour (MWh). The Lot Size will equal 1 MW multiplied by the number of 7x8 hours within the month traded, so in a month with 248 7x8 hours, the Lot Size equals 248 MWh. The definition of 7x8 hours is Hour Ending (HE) 0100 – 0700 and HE 2400, Sunday through Saturday, EPT.
Currency	US Dollars
Min Price Fluctuation	\$0.0001 per MWh
Minimum Tick	\$0.0001 per MWh
First Trading Day	The first business day after the last trading day of the current expiring contract
Last Trading Day	The third business day following the last calendar day of the month
Contract Series	69 months
Fixed Price	The traded price or the previous day's settlement price
Daily Settlement Price	Determined by the Exchange based on exchange activity, other market data, and extrapolation to traded contracts, as appropriate
Final Settlement Price	The final settlement price will be determined by the Exchange at approximately 3 pm EPT on the Last Trading Day. The final settlement price is the average of the Day Ahead hourly LMP for all 7x8 hours. These prices can be found at the following link or at successor location https://dataminer2.pjm.com/feed/da_hrl_lmps
Final Settlement (Payment) Date	The first business day following the Last Trading Day
Position Limit	9000 MW
Margin Unit	US Dollars

### PJM APS Monthly Day Ahead 7x8 Power Contract

ITEM	SPECIFICATION
Contract Description	Monthly Cash Settled Financial 7x8 Power, PJM APS, Day Ahead
Contract Code	SDE
Hours of Trading	As defined at http://www.nodalexchange.com
Unit of Trading	1 lot, based on 1 MW for each hour of the contract
Lot Size	Variable, expressed in megawatt hour (MWh). The Lot Size will equal 1 MW multiplied by the number of 7x8 hours within the month traded, so in a month with 248 7x8 hours, the Lot Size equals 248 MWh. The definition of 7x8 hours is Hour Ending (HE) 0100 – 0700 and HE 2400, Sunday through Saturday, EPT.
Currency	US Dollars
Min Price Fluctuation	\$0.0001 per MWh
Minimum Tick	\$0.0001 per MWh
First Trading Day	The first business day after the last trading day of the current expiring contract
Last Trading Day	The third business day following the last calendar day of the month
Contract Series	69 months
Fixed Price	The traded price or the previous day's settlement price
Daily Settlement Price	Determined by the Exchange based on exchange activity, other market data, and extrapolation to traded contracts, as appropriate
Final Settlement Price	The final settlement price will be determined by the Exchange at approximately 3 pm EPT on the Last Trading Day. The final settlement price is the average of the Day Ahead hourly LMP for all 7x8 hours. These prices can be found at the following link or at successor location https://dataminer2.pjm.com/feed/da_hrl_Imps
Final Settlement (Payment) Date	The first business day following the Last Trading Day
Position Limit	1310 MW
Margin Unit	US Dollars

### PJM ATSI Monthly Day Ahead 7x8 Power Contract

ITEM	SPECIFICATION
Contract Description	Monthly Cash Settled Financial 7x8 Power, PJM ATSI, Day Ahead
Contract Code	SDF
Hours of Trading	As defined at http://www.nodalexchange.com
Unit of Trading	1 lot, based on 1 MW for each hour of the contract
Lot Size	Variable, expressed in megawatt hour (MWh). The Lot Size will equal 1 MW multiplied by the number of 7x8 hours within the month traded, so in a month with 248 7x8 hours, the Lot Size equals 248 MWh. The definition of 7x8 hours is Hour Ending (HE) 0100 – 0700 and HE 2400, Sunday through Saturday, EPT.
Currency	US Dollars
Min Price Fluctuation	\$0.0001 per MWh
Minimum Tick	\$0.0001 per MWh
First Trading Day	The first business day after the last trading day of the current expiring contract
Last Trading Day	The third business day following the last calendar day of the month
Contract Series	69 months
Fixed Price	The traded price or the previous day's settlement price
Daily Settlement Price	Determined by the Exchange based on exchange activity, other market data, and extrapolation to traded contracts, as appropriate
Final Settlement Price	The final settlement price will be determined by the Exchange at approximately 3 pm EPT on the Last Trading Day. The final settlement price is the average of the Day Ahead hourly LMP for all 7x8 hours. These prices can be found at the following link or at successor location https://dataminer2.pjm.com/feed/da_hrl_Imps
Final Settlement (Payment) Date	The first business day following the Last Trading Day
Position Limit	1754 MW
Margin Unit	US Dollars

# PJM BGE Monthly Day Ahead 7x8 Power Contract

ITEM	SPECIFICATION
Contract Description	Monthly Cash Settled Financial 7x8 Power, PJM BGE, Day Ahead
Contract Code	SDG
Hours of Trading	As defined at http://www.nodalexchange.com
Unit of Trading	1 lot, based on 1 MW for each hour of the contract
Lot Size	Variable, expressed in megawatt hour (MWh). The Lot Size will equal 1 MW multiplied by the number of 7x8 hours within the month traded, so in a month with 248 7x8 hours, the Lot Size equals 248 MWh. The definition of 7x8 hours is Hour Ending (HE) 0100 – 0700 and HE 2400, Sunday through Saturday, EPT.
Currency	US Dollars
Min Price Fluctuation	\$0.0001 per MWh
Minimum Tick	\$0.0001 per MWh
First Trading Day	The first business day after the last trading day of the current expiring contract
Last Trading Day	The third business day following the last calendar day of the month
Contract Series	69 months
Fixed Price	The traded price or the previous day's settlement price
Daily Settlement Price	Determined by the Exchange based on exchange activity, other market data, and extrapolation to traded contracts, as appropriate
Final Settlement Price	The final settlement price will be determined by the Exchange at approximately 3 pm EPT on the Last Trading Day. The final settlement price is the average of the Day Ahead hourly LMP for all 7x8 hours. These prices can be found at the following link or at successor location https://dataminer2.pjm.com/feed/da_hrl_lmps
Final Settlement (Payment) Date	The first business day following the Last Trading Day
Position Limit	897 MW
Margin Unit	US Dollars

### PJM COMED Monthly Day Ahead 7x8 Power Contract

ITEM	SPECIFICATION
Contract Description	Monthly Cash Settled Financial 7x8 Power, PJM COMED, Day Ahead
Contract Code	SDH
Hours of Trading	As defined at http://www.nodalexchange.com
Unit of Trading	1 lot, based on 1 MW for each hour of the contract
Lot Size	Variable, expressed in megawatt hour (MWh). The Lot Size will equal 1 MW multiplied by the number of 7x8 hours within the month traded, so in a month with 248 7x8 hours, the Lot Size equals 248 MWh. The definition of 7x8 hours is Hour Ending (HE) 0100 – 0700 and HE 2400, Sunday through Saturday, EPT.
Currency	US Dollars
Min Price Fluctuation	\$0.0001 per MWh
Minimum Tick	\$0.0001 per MWh
First Trading Day	The first business day after the last trading day of the current expiring contract
Last Trading Day	The third business day following the last calendar day of the month
Contract Series	69 months
Fixed Price	The traded price or the previous day's settlement price
Daily Settlement Price	Determined by the Exchange based on exchange activity, other market data, and extrapolation to traded contracts, as appropriate
Final Settlement Price	The final settlement price will be determined by the Exchange at approximately 3 pm EPT on the Last Trading Day. The final settlement price is the average of the Day Ahead hourly LMP for all 7x8 hours. These prices can be found at the following link or at successor location https://dataminer2.pjm.com/feed/da_hrl_Imps
Final Settlement (Payment) Date	The first business day following the Last Trading Day
Position Limit	3407 MW
Margin Unit	US Dollars

# PJM DAY Monthly Day Ahead 7x8 Power Contract

ITEM	SPECIFICATION
Contract Description	Monthly Cash Settled Financial 7x8 Power, PJM DAY, Day Ahead
Contract Code	SDI
Hours of Trading	As defined at http://www.nodalexchange.com
Unit of Trading	1 lot, based on 1 MW for each hour of the contract
Lot Size	Variable, expressed in megawatt hour (MWh). The Lot Size will equal 1 MW multiplied by the number of 7x8 hours within the month traded, so in a month with 248 7x8 hours, the Lot Size equals 248 MWh. The definition of 7x8 hours is Hour Ending (HE) 0100 – 0700 and HE 2400, Sunday through Saturday, EPT.
Currency	US Dollars
Min Price Fluctuation	\$0.0001 per MWh
Minimum Tick	\$0.0001 per MWh
First Trading Day	The first business day after the last trading day of the current expiring contract
Last Trading Day	The third business day following the last calendar day of the month
Contract Series	69 months
Fixed Price	The traded price or the previous day's settlement price
Daily Settlement Price	Determined by the Exchange based on exchange activity, other market data, and extrapolation to traded contracts, as appropriate
Final Settlement Price	The final settlement price will be determined by the Exchange at approximately 3 pm EPT on the Last Trading Day. The final settlement price is the average of the Day Ahead hourly LMP for all 7x8 hours. These prices can be found at the following link or at successor location https://dataminer2.pjm.com/feed/da_hrl_Imps
Final Settlement (Payment) Date	The first business day following the Last Trading Day
Position Limit	1100 MW
Margin Unit	US Dollars

# PJM DEOK Monthly Day Ahead 7x8 Power Contract

ITEM	SPECIFICATION
Contract Description	Monthly Cash Settled Financial 7x8 Power, PJM DEOK, Day Ahead
Contract Code	SDJ
Hours of Trading	As defined at http://www.nodalexchange.com
Unit of Trading	1 lot, based on 1 MW for each hour of the contract
Lot Size	Variable, expressed in megawatt hour (MWh). The Lot Size will equal 1 MW multiplied by the number of 7x8 hours within the month traded, so in a month with 248 7x8 hours, the Lot Size equals 248 MWh. The definition of 7x8 hours is Hour Ending (HE) 0100 – 0700 and HE 2400, Sunday through Saturday, EPT.
Currency	US Dollars
Min Price Fluctuation	\$0.0001 per MWh
Minimum Tick	\$0.0001 per MWh
First Trading Day	The first business day after the last trading day of the current expiring contract
Last Trading Day	The third business day following the last calendar day of the month
Contract Series	69 months
Fixed Price	The traded price or the previous day's settlement price
Daily Settlement Price	Determined by the Exchange based on exchange activity, other market data, and extrapolation to traded contracts, as appropriate
Final Settlement Price	The final settlement price will be determined by the Exchange at approximately 3 pm EPT on the Last Trading Day. The final settlement price is the average of the Day Ahead hourly LMP for all 7x8 hours. These prices can be found at the following link or at successor location https://dataminer2.pjm.com/feed/da_hrl_Imps
Final Settlement (Payment) Date	The first business day following the Last Trading Day
Position Limit	704 MW
Margin Unit	US Dollars

### PJM DOM Monthly Day Ahead 7x8 Power Contract

ITEM	SPECIFICATION
Contract Description	Monthly Cash Settled Financial 7x8 Power, PJM DOM, Day Ahead
Contract Code	SDK
Hours of Trading	As defined at http://www.nodalexchange.com
Unit of Trading	1 lot, based on 1 MW for each hour of the contract
Lot Size	Variable, expressed in megawatt hour (MWh). The Lot Size will equal 1 MW multiplied by the number of 7x8 hours within the month traded, so in a month with 248 7x8 hours, the Lot Size equals 248 MWh. The definition of 7x8 hours is Hour Ending (HE) 0100 – 0700 and HE 2400, Sunday through Saturday, EPT.
Currency	US Dollars
Min Price Fluctuation	\$0.0001 per MWh
Minimum Tick	\$0.0001 per MWh
First Trading Day	The first business day after the last trading day of the current expiring contract
Last Trading Day	The third business day following the last calendar day of the month
Contract Series	69 months
Fixed Price	The traded price or the previous day's settlement price
Daily Settlement Price	Determined by the Exchange based on exchange activity, other market data, and extrapolation to traded contracts, as appropriate
Final Settlement Price	The final settlement price will be determined by the Exchange at approximately 3 pm EPT on the Last Trading Day. The final settlement price is the average of the Day Ahead hourly LMP for all 7x8 hours. These prices can be found at the following link or at successor location https://dataminer2.pjm.com/feed/da_hrl_Imps
Final Settlement (Payment) Date	The first business day following the Last Trading Day
Position Limit	6300 MW
Margin Unit	US Dollars

### PJM DOMINION HUB Monthly Day Ahead 7x8 Power Contract

ITEM	SPECIFICATION
Contract Description	Monthly Cash Settled Financial 7x8 Power, PJM DOMINION HUB, Day Ahead
Contract Code	SDL
Hours of Trading	As defined at http://www.nodalexchange.com
Unit of Trading	1 lot, based on 1 MW for each hour of the contract
Lot Size	Variable, expressed in megawatt hour (MWh). The Lot Size will equal 1 MW multiplied by the number of 7x8 hours within the month traded, so in a month with 248 7x8 hours, the Lot Size equals 248 MWh. The definition of 7x8 hours is Hour Ending (HE) 0100 – 0700 and HE 2400, Sunday through Saturday, EPT.
Currency	US Dollars
Min Price Fluctuation	\$0.0001 per MWh
Minimum Tick	\$0.0001 per MWh
First Trading Day	The first business day after the last trading day of the current expiring contract
Last Trading Day	The third business day following the last calendar day of the month
Contract Series	69 months
Fixed Price	The traded price or the previous day's settlement price
Daily Settlement Price	Determined by the Exchange based on exchange activity, other market data, and extrapolation to traded contracts, as appropriate
Final Settlement Price	The final settlement price will be determined by the Exchange at approximately 3 pm EPT on the Last Trading Day. The final settlement price is the average of the Day Ahead hourly LMP for all 7x8 hours. These prices can be found at the following link or at successor location https://dataminer2.pjm.com/feed/da_hrl_Imps
Final Settlement (Payment) Date	The first business day following the Last Trading Day
Position Limit	12966 MW
Margin Unit	US Dollars

### PJM DPL Monthly Day Ahead 7x8 Power Contract

ITEM	SPECIFICATION
Contract Description	Monthly Cash Settled Financial 7x8 Power, PJM DPL, Day Ahead
Contract Code	SDM
Hours of Trading	As defined at http://www.nodalexchange.com
Unit of Trading	1 lot, based on 1 MW for each hour of the contract
Lot Size	Variable, expressed in megawatt hour (MWh). The Lot Size will equal 1 MW multiplied by the number of 7x8 hours within the month traded, so in a month with 248 7x8 hours, the Lot Size equals 248 MWh. The definition of 7x8 hours is Hour Ending (HE) 0100 – 0700 and HE 2400, Sunday through Saturday, EPT.
Currency	US Dollars
Min Price Fluctuation	\$0.0001 per MWh
Minimum Tick	\$0.0001 per MWh
First Trading Day	The first business day after the last trading day of the current expiring contract
Last Trading Day	The third business day following the last calendar day of the month
Contract Series	69 months
Fixed Price	The traded price or the previous day's settlement price
Daily Settlement Price	Determined by the Exchange based on exchange activity, other market data, and extrapolation to traded contracts, as appropriate
Final Settlement Price	The final settlement price will be determined by the Exchange at approximately 3 pm EPT on the Last Trading Day. The final settlement price is the average of the Day Ahead hourly LMP for all 7x8 hours. These prices can be found at the following link or at successor location https://dataminer2.pjm.com/feed/da_hrl_Imps
Final Settlement (Payment) Date	The first business day following the Last Trading Day
Position Limit	513 MW
Margin Unit	US Dollars

### PJM DUQ Monthly Day Ahead 7x8 Power Contract

ITEM	SPECIFICATION
Contract Description	Monthly Cash Settled Financial 7x8 Power, PJM DUQ, Day Ahead
Contract Code	SDN
Hours of Trading	As defined at http://www.nodalexchange.com
Unit of Trading	1 lot, based on 1 MW for each hour of the contract
Lot Size	Variable, expressed in megawatt hour (MWh). The Lot Size will equal 1 MW multiplied by the number of 7x8 hours within the month traded, so in a month with 248 7x8 hours, the Lot Size equals 248 MWh. The definition of 7x8 hours is Hour Ending (HE) 0100 – 0700 and HE 2400, Sunday through Saturday, EPT.
Currency	US Dollars
Min Price Fluctuation	\$0.0001 per MWh
Minimum Tick	\$0.0001 per MWh
First Trading Day	The first business day after the last trading day of the current expiring contract
Last Trading Day	The third business day following the last calendar day of the month
Contract Series	69 months
Fixed Price	The traded price or the previous day's settlement price
Daily Settlement Price	Determined by the Exchange based on exchange activity, other market data, and extrapolation to traded contracts, as appropriate
Final Settlement Price	The final settlement price will be determined by the Exchange at approximately 3 pm EPT on the Last Trading Day. The final settlement price is the average of the Day Ahead hourly LMP for all 7x8 hours. These prices can be found at the following link or at successor location https://dataminer2.pjm.com/feed/da_hrl_Imps
Final Settlement (Payment) Date	The first business day following the Last Trading Day
Position Limit	420 MW
Margin Unit	US Dollars

### PJM EASTERN HUB Monthly Day Ahead 7x8 Power Contract

ITEM	SPECIFICATION
Contract Description	Monthly Cash Settled Financial 7x8 Power, PJM EASTERN HUB, Day Ahead
Contract Code	SDO
Hours of Trading	As defined at http://www.nodalexchange.com
Unit of Trading	1 lot, based on 1 MW for each hour of the contract
Lot Size	Variable, expressed in megawatt hour (MWh). The Lot Size will equal 1 MW multiplied by the number of 7x8 hours within the month traded, so in a month with 248 7x8 hours, the Lot Size equals 248 MWh. The definition of 7x8 hours is Hour Ending (HE) 0100 – 0700 and HE 2400, Sunday through Saturday, EPT.
Currency	US Dollars
Min Price Fluctuation	\$0.0001 per MWh
Minimum Tick	\$0.0001 per MWh
First Trading Day	The first business day after the last trading day of the current expiring contract
Last Trading Day	The third business day following the last calendar day of the month
Contract Series	69 months
Fixed Price	The traded price or the previous day's settlement price
Daily Settlement Price	Determined by the Exchange based on exchange activity, other market data, and extrapolation to traded contracts, as appropriate
Final Settlement Price	The final settlement price will be determined by the Exchange at approximately 3 pm EPT on the Last Trading Day. The final settlement price is the average of the Day Ahead hourly LMP for all 7x8 hours. These prices can be found at the following link or at successor location https://dataminer2.pjm.com/feed/da_hrl_lmps
Final Settlement (Payment) Date	The first business day following the Last Trading Day
Position Limit	9551 MW
Margin Unit	US Dollars

### PJM METED Monthly Day Ahead 7x8 Power Contract

ITEM	SPECIFICATION
Contract Description	Monthly Cash Settled Financial 7x8 Power, PJM METED, Day Ahead
Contract Code	SDP
Hours of Trading	As defined at http://www.nodalexchange.com
Unit of Trading	1 lot, based on 1 MW for each hour of the contract
Lot Size	Variable, expressed in megawatt hour (MWh). The Lot Size will equal 1 MW multiplied by the number of 7x8 hours within the month traded, so in a month with 248 7x8 hours, the Lot Size equals 248 MWh. The definition of 7x8 hours is Hour Ending (HE) 0100 – 0700 and HE 2400, Sunday through Saturday, EPT.
Currency	US Dollars
Min Price Fluctuation	\$0.0001 per MWh
Minimum Tick	\$0.0001 per MWh
First Trading Day	The first business day after the last trading day of the current expiring contract
Last Trading Day	The third business day following the last calendar day of the month
Contract Series	69 months
Fixed Price	The traded price or the previous day's settlement price
Daily Settlement Price	Determined by the Exchange based on exchange activity, other market data, and extrapolation to traded contracts, as appropriate
Final Settlement Price	The final settlement price will be determined by the Exchange at approximately 3 pm EPT on the Last Trading Day. The final settlement price is the average of the Day Ahead hourly LMP for all 7x8 hours. These prices can be found at the following link or at successor location https://dataminer2.pjm.com/feed/da_hrl_Imps
Final Settlement (Payment) Date	The first business day following the Last Trading Day
Position Limit	563 MW
Margin Unit	US Dollars

### PJM PECO Monthly Day Ahead 7x8 Power Contract

ITEM	SPECIFICATION
Contract Description	Monthly Cash Settled Financial 7x8 Power, PJM PECO, Day Ahead
Contract Code	SDQ
Hours of Trading	As defined at http://www.nodalexchange.com
Unit of Trading	1 lot, based on 1 MW for each hour of the contract
Lot Size	Variable, expressed in megawatt hour (MWh). The Lot Size will equal 1 MW multiplied by the number of 7x8 hours within the month traded, so in a month with 248 7x8 hours, the Lot Size equals 248 MWh. The definition of 7x8 hours is Hour Ending (HE) 0100 – 0700 and HE 2400, Sunday through Saturday, EPT.
Currency	US Dollars
Min Price Fluctuation	\$0.0001 per MWh
Minimum Tick	\$0.0001 per MWh
First Trading Day	The first business day after the last trading day of the current expiring contract
Last Trading Day	The third business day following the last calendar day of the month
Contract Series	69 months
Fixed Price	The traded price or the previous day's settlement price
Daily Settlement Price	Determined by the Exchange based on exchange activity, other market data, and extrapolation to traded contracts, as appropriate
Final Settlement Price	The final settlement price will be determined by the Exchange at approximately 3 pm EPT on the Last Trading Day. The final settlement price is the average of the Day Ahead hourly LMP for all 7x8 hours. These prices can be found at the following link or at successor location https://dataminer2.pjm.com/feed/da_hrl_lmps
Final Settlement (Payment) Date	The first business day following the Last Trading Day
Position Limit	1815 MW
Margin Unit	US Dollars

### PJM PENELEC Monthly Day Ahead 7x8 Power Contract

ITEM	SPECIFICATION
Contract Description	Monthly Cash Settled Financial 7x8 Power, PJM PENELEC, Day Ahead
Contract Code	SDR
Hours of Trading	As defined at http://www.nodalexchange.com
Unit of Trading	1 lot, based on 1 MW for each hour of the contract
Lot Size	Variable, expressed in megawatt hour (MWh). The Lot Size will equal 1 MW multiplied by the number of 7x8 hours within the month traded, so in a month with 248 7x8 hours, the Lot Size equals 248 MWh. The definition of 7x8 hours is Hour Ending (HE) 0100 – 0700 and HE 2400, Sunday through Saturday, EPT.
Currency	US Dollars
Min Price Fluctuation	\$0.0001 per MWh
Minimum Tick	\$0.0001 per MWh
First Trading Day	The first business day after the last trading day of the current expiring contract
Last Trading Day	The third business day following the last calendar day of the month
Contract Series	69 months
Fixed Price	The traded price or the previous day's settlement price
Daily Settlement Price	Determined by the Exchange based on exchange activity, other market data, and extrapolation to traded contracts, as appropriate
Final Settlement Price	The final settlement price will be determined by the Exchange at approximately 3 pm EPT on the Last Trading Day. The final settlement price is the average of the Day Ahead hourly LMP for all 7x8 hours. These prices can be found at the following link or at successor location https://dataminer2.pjm.com/feed/da_hrl_Imps
Final Settlement (Payment) Date	The first business day following the Last Trading Day
Position Limit	1055 MW
Margin Unit	US Dollars

### PJM PEPCO Monthly Day Ahead 7x8 Power Contract

ITEM	SPECIFICATION
Contract Description	Monthly Cash Settled Financial 7x8 Power, PJM PEPCO, Day Ahead
Contract Code	SDT
Hours of Trading	As defined at http://www.nodalexchange.com
Unit of Trading	1 lot, based on 1 MW for each hour of the contract
Lot Size	Variable, expressed in megawatt hour (MWh). The Lot Size will equal 1 MW multiplied by the number of 7x8 hours within the month traded, so in a month with 248 7x8 hours, the Lot Size equals 248 MWh. The definition of 7x8 hours is Hour Ending (HE) 0100 – 0700 and HE 2400, Sunday through Saturday, EPT.
Currency	US Dollars
Min Price Fluctuation	\$0.0001 per MWh
Minimum Tick	\$0.0001 per MWh
First Trading Day	The first business day after the last trading day of the current expiring contract
Last Trading Day	The third business day following the last calendar day of the month
Contract Series	69 months
Fixed Price	The traded price or the previous day's settlement price
Daily Settlement Price	Determined by the Exchange based on exchange activity, other market data, and extrapolation to traded contracts, as appropriate
Final Settlement Price	The final settlement price will be determined by the Exchange at approximately 3 pm EPT on the Last Trading Day. The final settlement price is the average of the Day Ahead hourly LMP for all 7x8 hours. These prices can be found at the following link or at successor location https://dataminer2.pjm.com/feed/da_hrl_Imps
Final Settlement (Payment) Date	The first business day following the Last Trading Day
Position Limit	833 MW
Margin Unit	US Dollars

### PJM PSEG Monthly Day Ahead 7x8 Power Contract

ITEM	SPECIFICATION			
Contract Description	Monthly Cash Settled Financial 7x8 Power, PJM PSEG, Day Ahead			
Contract Code	SDU			
Hours of Trading	As defined at http://www.nodalexchange.com			
Unit of Trading	1 lot, based on 1 MW for each hour of the contract			
Lot Size	Variable, expressed in megawatt hour (MWh). The Lot Size will equal 1 MW multiplied by the number of 7x8 hours within the month traded, so in a month with 248 7x8 hours, the Lot Size equals 248 MWh. The definition of 7x8 hours is Hour Ending (HE) 0100 – 0700 and HE 2400, Sunday through Saturday, EPT.			
Currency	US Dollars			
Min Price Fluctuation	\$0.0001 per MWh			
Minimum Tick	\$0.0001 per MWh			
First Trading Day	The first business day after the last trading day of the current expiring contract			
Last Trading Day	The third business day following the last calendar day of the month			
Contract Series	s 69 months			
Fixed Price	Price The traded price or the previous day's settlement price			
Daily Settlement Price	Determined by the Exchange based on exchange activity, other market data, and extrapolation to traded contracts, as appropriate			
Final Settlement Price	The final settlement price will be determined by the Exchange at approximately 3 pm EPT on the Last Trading Day. The final settlement price is the average of the Day Ahead hourly LMP for all 7x8 hours. These prices can be found at the following link or at successor location https://dataminer2.pjm.com/feed/da_hrl_Imps			
Final Settlement (Payment) Date	The first business day following the Last Trading Day			
Position Limit	1168 MW			
Margin Unit	US Dollars			

### PJM RECO Monthly Day Ahead 7x8 Power Contract

ITEM	SPECIFICATION			
Contract Description	Monthly Cash Settled Financial 7x8 Power, PJM RECO, Day Ahead			
Contract Code	SDV			
Hours of Trading	As defined at http://www.nodalexchange.com			
Unit of Trading	1 lot, based on 1 MW for each hour of the contract			
Lot Size	Variable, expressed in megawatt hour (MWh). The Lot Size will equal 1 MW multiplied by the number of 7x8 hours within the month traded, so in a month with 248 7x8 hours, the Lot Size equals 248 MWh. The definition of 7x8 hours is Hour Ending (HE) 0100 – 0700 and HE 2400, Sunday through Saturday, EPT.			
Currency	US Dollars			
Min Price Fluctuation	\$0.0001 per MWh			
Minimum Tick	\$0.0001 per MWh			
First Trading Day	The first business day after the last trading day of the current expiring contract			
Last Trading Day	The third business day following the last calendar day of the month			
Contract Series	69 months			
Fixed Price	The traded price or the previous day's settlement price			
Daily Settlement Price	Determined by the Exchange based on exchange activity, other market data, and extrapolation to traded contracts, as appropriate			
Final Settlement Price	The final settlement price will be determined by the Exchange at approximately 3 pm EPT on the Last Trading Day. The final settlement price is the average of the Day Ahead hourly LMP for all 7x8 hours. These prices can be found at the following link or at successor location https://dataminer2.pjm.com/feed/da_hrl_lmps			
Final Settlement (Payment) Date	The first business day following the Last Trading Day			
Position Limit	36 MW			
Margin Unit	US Dollars			

### PJM FE OHIO Monthly Day Ahead 7x8 Power Contract

ITEM	SPECIFICATION		
Contract Description	Monthly Cash Settled Financial 7x8 Power, PJM FE OHIO, Day Ahead		
Contract Code	SDW		
Hours of Trading	As defined at http://www.nodalexchange.com		
Unit of Trading 1 lot, based on 1 MW for each hour of the contract			
Lot Size	Variable, expressed in megawatt hour (MWh). The Lot Size will equal 1 MW multiplied by the number of 7x8 hours within the month traded, so in a month with 248 7x8 hours, the Lot Size equals 248 MWh. The definition of 7x8 hours is Hour Ending (HE) 0100 – 0700 and HE 2400, Sunday through Saturday, EPT.		
Currency	US Dollars		
Min Price Fluctuation	\$0.0001 per MWh		
Minimum Tick	\$0.0001 per MWh		
First Trading Day	The first business day after the last trading day of the current expiring contract		
Last Trading Day	The third business day following the last calendar day of the month		
Contract Series	69 months		
Fixed Price	The traded price or the previous day's settlement price		
Daily Settlement Price	Determined by the Exchange based on exchange activity, other market data, and extrapolation to traded contracts, as appropriate		
Final Settlement Price	The final settlement price will be determined by the Exchange at approximately 3 pm EPT on the Last Trading Day. The final settlement price is the average of the Day Ahead hourly LMP for all 7x8 hours. These prices can be found at the following link or at successor location https://dataminer2.pjm.com/feed/da_hrl_lmps		
Final Settlement (Payment) Date	The first business day following the Last Trading Day		
Position Limit	1614 MW		
Margin Unit	US Dollars		

### PJM SOUTH Monthly Day Ahead 7x8 Power Contract

ITEM	SPECIFICATION			
Contract Description	Monthly Cash Settled Financial 7x8 Power, PJM SOUTH, Day Ahead			
Contract Code	SDX			
Hours of Trading	As defined at http://www.nodalexchange.com			
Unit of Trading	1 lot, based on 1 MW for each hour of the contract			
Lot Size	Variable, expressed in megawatt hour (MWh). The Lot Size will equal 1 MW multiplied by the number of 7x8 hours within the month traded, so in a month with 248 7x8 hours, the Lot Size equals 248 MWh. The definition of 7x8 hours is Hour Ending (HE) 0100 – 0700 and HE 2400, Sunday through Saturday, EPT.			
Currency	US Dollars			
Min Price Fluctuation	\$0.0001 per MWh			
Minimum Tick	\$0.0001 per MWh			
First Trading Day	The first business day after the last trading day of the current expiring contract			
Last Trading Day	The third business day following the last calendar day of the month			
Contract Series	49 months			
Fixed Price	The traded price or the previous day's settlement price			
Daily Settlement Price	Determined by the Exchange based on exchange activity, other market data, and extrapolation to traded contracts, as appropriate			
Final Settlement Price	The final settlement price will be determined by the Exchange at approximately 3 pm EPT on the Last Trading Day. The final settlement price is the average of the Day Ahead hourly LMP for all 7x8 hours. These prices can be found at the following link or at successor location https://dataminer2.pjm.com/feed/da_hrl_Imps			
Final Settlement (Payment) Date	The first business day following the Last Trading Day			
Position Limit	1781 MW			
Margin Unit	US Dollars			

# Nodal Exchange, LLC Rulebook Appendix C: Reporting Levels, Accountability Levels and Position Limits

Physical Commodity       Contract Name       Reporting Level       Spot Month Month Spot Month (tot)       Spot Month Scoursbilling (tot)       All Month Accountability Level (tot)         SBD       PIM AECD month 7x8 dac       25       9000       9000       108600         SBF       PIM AEP month 7x8 dac       25       6533       6533       782420         SBG       PIM AEP month 7x8 dac       25       1314       1310       15720         SBH       PIM AEP month 7x8 dac       25       3407       3407       40864         SBI       PIM AEG month 7x8 dac       25       3407       3407       40864         SBR       PIM DECM month 7x8 dac       25       1000       1100       131200         SBR       PIM DECM month 7x8 dac       25       1000       1010       13200         SBR       PIM DDM_month 7x8 dac       25       1000       1100       13200         SBR       PIM DDM_month 7x8 dac       25       131       513       6315         SBR       PIM DDM_month 7x8 dac       25       5600       6630       75800         SBR       PIM DDM_month 7x8 dac       25       5196 <th>23 25 38 42 46 58 64 58 64 58 64 58 75 83 83 85 83 85 91 91 93 125 5150 166 184</th> <th>0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0</th>	23 25 38 42 46 58 64 58 64 58 64 58 75 83 83 85 83 85 91 91 93 125 5150 166 184	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0
EVE       PIM.AEP_MONTH, 7x8_dac       25       9000       9000         SBF       PIM.AFS_mONTH, 7x8_dac       25       6535       6535       78420         SBH       PIM.AFS_mONTH, 7x8_dac       25       1310       13200       1310       1310       1310       1310       1310       1310       1310       1310       1310       1310       1310       1310	23 25 38 42 46 58 64 58 64 58 64 58 75 83 83 85 83 85 91 91 93 125 5150 166 184	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0
SPF       PIM.AEP.DAYTON HUB_month_7x8_dac       25       6635       6735       6735         SBG       PIM.APS_month_7x8_dac       25       1310       1310       15720         SBH       PIM.ASIE_month_7x8_dac       25       1754       11754       21048         SBI       PIM.NOCMME_month_7x8_dac       25       3407       3407       40884         SBK       PIM.DOV_month_7x8_dac       25       100       1100       13200         SBK       PIM.DOV_month_7x8_dac       25       100       100       3407         SBN       PIM.DOV_month_7x8_dac       25       12966       15592         SBO       PIM.DOV_month_7x8_dac       25       12966       15592         SBO       PIM.DUQ_month_7x8_dac       25       951       1314512         SBR       PIM.DUQ_month_7x8_dac       25       603       6030       7500         SBR       PIM.DUQ_month_7x8_dac       25       603       6063       7505         SBR       PIM.DUQ_month_7x8_dac       25       603       6063       7505         SBR       PIM.MEETC_month_7x8_dac       25       5163 <td>25 38 42 46 58 64 58 64 58 64 58 75 83 83 85 83 85 87 91 93 93 125 5150 166 184</td> <td>0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0</td>	25 38 42 46 58 64 58 64 58 64 58 75 83 83 85 83 85 87 91 93 93 125 5150 166 184	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0
SBG       PIM.APS_month_7x8_dac       25       1310       1370       13724         SBH       PIM.BGE_month_7x8_dac       25       1754       1754       21048         SB       PIM.BGE_month_7x8_dac       25       387       387       387       387       387       387       387       387       387       387       387       387       387       388       PIM.DOM_month_7x8_dac       25       304       704       4848       488       PIM.DOM_month_7x8_dac       25       510       510       513       514       51	38       42       46       58       64       75       83       83       83       93       125       150       166       184	0 0 0 0 0 0 0 0 0 0 0 0 0 0
SBH       PIM ATSI month 7x8 dac       25       1754       1754       12108         SBI       PIM.BGE_month 7x8 dac       25       897       897       10764         SBI       PIM.DACMED month 7x8 dac       25       3407       3407       40884         SBK       PIM.DACMED month 7x8 dac       25       1010       11000       12300         SBK       PIM.DOCMED month 7x8 dac       25       6300       6300       75000         SBN       PIM.DOMINION NUB_month 7x8 dac       25       12066       12066       15592         SBO       PIM.DPL_month 7x8 dac       25       420       420       5040         SBR       PIM.NETO_month 7x8 dac       25       603       603       7308         SBR       PIM.NETO_month 7x8 dac       25       563       563       5755         SBV       PIM.NETO_month 7x8 dac       25       1315       11451         SBR       PIM.NETO_month 7x8 dac       25       1315       12660         SBV       PIM.NETO_month 7x8 dac       25       1315       12660         SBV       PIM.NETO_month 7x8 dac       25	42 46 58 64 75 83 83 85 87 91 91 93 91 93 125 5 150 166 184	0 0 0 0 0 0 0 0 0 0 0
SBI       PIM.BGE_month_7x8_dac       25       307       10764         SB       PIM.COMED_month_7x8_dac       25       3407       34084         SBK       PIM.DAY_month_7x8_dac       25       1100       1100       1320         SBL       PIM.DEQK_month_7x8_dac       25       6300       6300       75600         SBM       PIM.DOM_month_7x8_dac       25       531       513       6155         SBV       PIM.DUQ_month_7x8_dac       25       420       420       500         SBR       PIM.DUQ_month_7x8_dac       25       609       609       7380         SBR       PIM.MEDF_month_7x8_dac       25       563       563       6756         SBU       PIM.MELTP_month_7x8_dac       25       1815       114612       580       FIM.METP_month_7x8_dac       25       1815       6159       62352       581       91414       114012       580       FIM.METP_month_7x8_dac       25       1815       11815       21780       5816       61596       61596       596       596       6196       62352       581       91416       553       1561       12660	46 58 64 575 83 83 85 87 91 91 93 93 125 150 166 184	0 0 0 0 0 0 0 0 0
SBK       PIM DAY month 7x8 dac       25       1100       1100       13200         SBL       PIM.DECK month 7x8 dac       25       704       704       8448         SBM       PIM.DOM month 7x8 dac       25       6300       6300       7560       704       8448         SBN       PIM.DOMINION HUB month 7x8 dac       25       5133       513       6515       559       9551       114612       5569       9551       114612       5640       7560       7560       7560       7560       7560       7560       7560       7560       7560       7560       7560       7560       7560       7560       7560       7560       7560       7563       5630       6633       6756       5580       7561       7560       66332       7560       66332       7560       5800       7104       748 dac       25       5150       5151       61515       61535       12660       582       1910       17108       1780       1780       1780       1780       1780       1780       1780       1816       16161       16161       16161       16161       16161       <	64 75 83 85 85 87 91 91 93 93 125 150 166 184	0 0 0 0 0 0
SBL       PIM.DEOX_month_78_dac       25       704       704       8448         SBM       PIM.DOM_month_78_dac       25       6300       6300       75600         SBN       PIM.DDM_month_78_dac       25       12966       12966       15392         SBO       PIM.DUP_month_78_dac       25       420       420       5400         SBQ       PIM.DLQ_month_78_dac       25       9551       9551       114612         SBR       PIM.DLQ_month_78_dac       25       563       563       6756         SBU       PIM.METED_month_78_dac       25       5196       5196       6036         SBW       PIM.METEQ_month_78_dac       25       1315       1815       21780         SBW       PIM.PECO_month_78_dac       25       1055       1055       1055         SBW       PIM.PECO_month_78_dac       25       133       833       996         SPV       PIM.PECO_month_78_dac       25       164       164       1401         SAC       PIM.RECO_month_78_dac       25       9100       110280       553         SCA       PIM.RECO_month_78_dac	75 83 85 87 91 93 93 125 150 166 184	0 0 0 0 0
SBM       PIM.DOM_month_7x8_dac       25       6300       6300       75600         SBN       PIM.DOM_month_7x8_dac       25       12966       12966       15592         SBO       PIM.DUQ_month_7x8_dac       25       513       513       6156         SBP       PIM.DUQ_month_7x8_dac       25       420       420       504         SBQ       PIM.LEXTERN HUB_month_7x8_dac       25       609       609       7308         SBT       PIM.MICLINUM_month_7x8_dac       25       563       563       663       66352         SBU       PIM.NILLINOTH_7x8_dac       25       1815       1815       21780         SBW       PIM.PECO_month_7x8_dac       25       1833       333       9996         SBW       PIM.PELEC_month_7x8_dac       25       1168       1168       14016         SCA       PIM.PECO_month_7x8_dac       25       36       36       432         SCB       PIM.PECO_month_7x8_dac       25       36       36       432         SCE       PIM.PECO_month_7x8_dac       25       36       36       432         SCE	83 85 87 91 93 93 125 5 150 166 184	0 0 0 0
PIM.DOMINON HUB.month_7x8_dac       25       12966       15552         SBO       PIM.DPL_month_7x8_dac       25       513       513       6156         SBP       PIM.DUQ_month_7x8_dac       25       420       5040         SBQ       PIM.DUQ_month_7x8_dac       25       420       5040         SBR       PIM.JCPL_month_7x8_dac       25       699       609       7308         SBT       PIM.METED_month_7x8_dac       25       516       5196       62352         SBV       PIM.PEC_month_7x8_dac       25       1815       1815       21780         SBW       PIM.PEC_month_7x8_dac       25       1835       1055       12660         SBX       PIM.PEC_month_7x8_dac       25       133       1393       1916         SBX       PIM.PEC_month_7x8_dac       25       153       1593       1911       168       14010         SCA       PIM.PEC_month_7x8_dac       25       1618       11618       14016         SCA       PIM.REC_month_7x8_dac       25       1614       1614       19368         SCA       PIM.SPEC_month_7x8_dac       25	85 87 91 93 93 125 150 166 184	0 0 0
SBD       PIM.DPL_month_7x8_dac       25       513       513       6156         SBP       PIM.DUQ_month_7x8_dac       25       420       420       5040         SBQ       PIM.EASTERN.HUB_month_7x8_dac       25       9551       114612         SBR       PIM.CATERN.HUB_month_7x8_dac       25       563       563       6756         SBU       PIM.NELCO_month_7x8_dac       25       5166       5196       62352         SBV       PIM.PEREC_month_7x8_dac       25       1055       1055       1055         SBW       PIM.PERCO_month_7x8_dac       25       1168       1168       14016         SCA       PIM.PEQ_month_7x8_dac       25       1168       1168       14016         SCA       PIM.PEQ_month_7x8_dac       25       1614       1168       14016         SCA       PIM.PEGO_month_7x8_dac       25       1614       1614       19368         SCA       PIM.SEGT_month_7x8_dac       25       1614       1614       1614         SCA       PIM.SEGT_month_7x8_dac       25       36       36       432         SCB       PIM.EONTO_month_7x8_dac<	87 91 93 125 150 166 184	0
SBP       PIM_DUQ_month_7x8_dac       25       420       420       5040         SBQ       PIM_ESTERN HUB_month_7x8_dac       25       9551       114612         SBR       PIM_JCPL_month_7x8_dac       25       609       609       7308         SBT       PIM_NETCD_month_7x8_dac       25       516       5196       62352         SBV       PIM_PEC_month_7x8_dac       25       1815       11151       21780         SBW       PIM_PEC_C_month_7x8_dac       25       1833       833       9966         SBX       PIM_PPECO_month_7x8_dac       25       1638       1055       12660         SBX       PIM_PPECO_month_7x8_dac       25       1593       1593       19116         SCA       PIM_PPEC_month_7x8_dac       25       1618       11018       101280         SCA       PIM_RECO_month_7x8_dac       25       910       9190       110280         SCB       PIM_KESTRN HUB_month_7x8_dac       25       1781       1781       21372         SDC       PIM_RECO_month_7x8_dap       25       292       292       354         SDC       PIM_AST_MONT_7x	91 93 125 150 166 184	0
SEQ       PIM.EASTERN HUB_month_7x8_dac       25       9551       9141421         SBR       PIM.VETED_month_7x8_dac       25       609       609       7308         SBT       PIM.METED_month_7x8_dac       25       563       563       6755         SBU       PIM.PEED_month_7x8_dac       25       5196       5196       62352         SBW       PIM.PEECO_month_7x8_dac       25       1055       1055       11266         SBW       PIM.PEPCO_month_7x8_dac       25       1053       11933       19116         SBZ       PIM.PEPCO_month_7x8_dac       25       1168       1168       14016         SCA       PIM.PER_month_7x8_dac       25       1164       1164       14016         SCA       PIM.RECO_month_7x8_dac       25       1164       1164       1936         SCA       PIM.RECO_month_7x8_dac       25       1614       1614       1936         SCA       PIM.RECO_month_7x8_dac       25       1614       1614       1936         SCA       PIM.RECO_month_7x8_dac       25       1781       1781       21372         SDA       PIM.SOUTH_month	93 125 150 166 184	
SBT       PIM.METED_month_7x8_dac       25       563       563       6756         SBU       PIM.NILLINCIS HUB_month_7x8_dac       25       5196       5196       62332         SBV       PIM.PECD_month_7x8_dac       25       1815       1815       21780         SBW       PIM.PENELEC_month_7x8_dac       25       1055       1055       12660         SBX       PIM.PEC_O_month_7x8_dac       25       1333       833       9996         SBY       PIM.PEC_C_month_7x8_dac       25       1168       11168       14016         SCA       PIM.PEC_month_7x8_dac       25       36       36       432         SCB       PIM.MECO_month_7x8_dac       25       9190       9190       110280         SCC       PIM.ECOHID_month_7x8_dac       25       9190       9100       10280         SCD       PIM.AECO_month_7x8_dac       25       1614       1614       19368         SCE       PIM.AECO_month_7x8_dap       25       292       292       3504         SDE       PIM.AECO_month_7x8_dap       25       1310       1310       15720         SDE	150 166 184	. 0
SBU       PJM.N ILLINOIS HUB_month_7x8_dac       25       5196       5196       62352         SBV       PJM.PECO_month_7x8_dac       25       1815       1815       21780         SBW       PJM.PENELEC_month_7x8_dac       25       1055       1055       12660         SBW       PJM.PECO_month_7x8_dac       25       1533       1533       19116         SBZ       PJM.PEC_month_7x8_dac       25       168       1168       14016         SCA       PJM.REC_month_7x8_dac       25       36       36       432         SCB       PJM.RECO_month_7x8_dac       25       168       1168       14016         SCA       PJM.RECO_month_7x8_dac       25       1781       1781       21372         SCB       PJM.VESTERN HUB_month_7x8_dac       25       1781       1731       21372         SDB       PJM.AECO_month_7x8_dap       25       292       292       3504         SDE       PJM.AECO_month_7x8_dap       25       1731       1731       21372         SDB       PJM.AECO_month_7x8_dap       25       3000       90000       108000         SDF	166 184	0
SBV       PJM.PECO_month_7x8_dac       25       1815       1815       21780         SBW       PJM.PENELEC_month_7x8_dac       25       1055       1055       12660         SBX       PJM.PEPCO_month_7x8_dac       25       833       833       9996         SBY       PJM.PPL_month_7x8_dac       25       1593       1593       19116         SZ       PJM.PECO_month_7x8_dac       25       1688       1168       14001         SA       PJM.RECO_month_7x8_dac       25       9190       9100       110280         SCA       PJM.RECO_month_7x8_dac       25       1614       1614       19368         SCE       PJM.SECO_month_7x8_dac       25       292       292       3504         SDC       PJM.AECO_month_7x8_dap       25       292       292       3504         SDC       PJM.AECO_month_7x8_dap       25       1754       1754       1754       10754         SDF       PJM.ASE_month_7x8_dap       25       3007       3407       40848         SDI       PJM.ASE_month_7x8_dap       25       100       1100       13200         SDI <td>184</td> <td></td>	184	
SBW       PJM.PENELEC_month_7x8_dac       25       1055       1055       12660         SBX       PJM.PEPC_month_7x8_dac       25       833       833       9996         SBY       PJM.PPL_month_7x8_dac       25       1593       1593       19116         SBZ       PJM.PSE_month_7x8_dac       25       1168       1168       14016         SCA       PJM.SECO_month_7x8_dac       25       36       36       432         SCB       PJM.WESTERN HUB_month_7x8_dac       25       1614       1614       13936         SCD       PJM.FEOLO_month_7x8_dac       25       1781       1781       21372         SDB       PJM.AECO_month_7x8_dap       25       9000       9000       108000         SDC       PJM.AECO_month_7x8_dap       25       9000       9000       108000         SDE       PJM.AECO_month_7x8_dap       25       1310       1310       15720         SDF       PJM.AECO_month_7x8_dap       25       3407       3407       40448         SDF       PJM.AGMED_month_7x8_dap       25       3407       3407       3407         SDF		
SBX       PJM.PEPCO_month_7x8_dac       25       833       833       9996         SBY       PJM.PSEG_month_7x8_dac       25       1593       11916         SBZ       PJM.PSEG_month_7x8_dac       25       168       1168       14016         SCA       PJM.RECO_month_7x8_dac       25       36       36       432         SCB       PJM.RECO_month_7x8_dac       25       1614       1614       19368         SCC       PJM.FE OHIO_month_7x8_dac       25       1781       1781       21372         SDB       PJM.AECO_month_7x8_dap       25       292       292       3504         SDC       PJM.AFE OHIO_month_7x8_dap       25       1310       1310       15720         SDB       PJM.AFS_month_7x8_dap       25       1754       1754       21048         SDG       PJM.AFS_month_7x8_dap       25       897       897       10764         SDG       PJM.BEG_month_7x8_dap       25       3407       3407       40884         SDI       PJM.DOM_month_7x8_dap       25       100       1100       13200         SDI       PJM.DOM_month_7x8_dap	100	
SBY       PJM.PPL_month_7x8_dac       25       1593       19116         SBZ       PJM.PSEG_month_7x8_dac       25       1168       1168       14016         SCA       PJM.RECO_month_7x8_dac       25       36       36       432         SCB       PJM.WESTERN HUB_month_7x8_dac       25       9190       9190       110280         SCD       PJM.FE OHIO_month_7x8_dac       25       1614       1614       19368         SCE       PJM.SUTH_month_7x8_dac       25       292       292       3504         SDB       PIM.AECO_month_7x8_dap       25       9000       9000       108000         SDE       PIM.AFP_month_7x8_dap       25       1310       1310       15720         SDF       PJM.AFS_month_7x8_dap       25       3407       3407       40884         SDG       PJM.COMED_month_7x8_dap       25       3407       3407       40884         SDH       PJM.DOME_month_7x8_dap       25       100       1100       13200         SDL       PJM.DOME_month_7x8_dap       25       6300       6300       75600         SDL       PJM.DOM_month_7x8_da		
SCA       PIM.RECO_month_7x8_dac       25       36       36       432         SCB       PJM.WESTERN HUB_month_7x8_dac       25       9190       9190       110280         SCD       PIM.FE OHIO_month_7x8_dac       25       1614       1614       19368         SCE       PJM.SOUTH_month_7x8_dac       25       1781       17781       21372         SDB       PJM.AEP_month_7x8_dap       25       292       292       3504         SDC       PJM.AEP_month_7x8_dap       25       1310       1310       15720         SDF       PJM.AFS_month_7x8_dap       25       1754       17754       21048         SDG       PJM.AFS_month_7x8_dap       25       3407       3407       40848         SDG       PJM.COMED_month_7x8_dap       25       100       1100       13200         SDI       PJM.COMED_month_7x8_dap       25       704       704       8448         SDK       PJM.DOMINION HUB_month_7x8_dap       25       704       704       8448         SDK       PJM.DOMINION HUB_month_7x8_dap       25       513       513       6136         SDN		
SCB       PIM.WESTERN HUB_month_7x8_dac       25       9190       9190       110280         SCD       PIM.FE OHIO_month_7x8_dac       25       1614       1614       19388         SCE       PIM.SOUTH_month_7x8_dac       25       1781       1781       21372         SDB       PIM.AECO_month_7x8_dap       25       292       292       3504         SDC       PIM.AEP_month_7x8_dap       25       9000       9000       108000         SDE       PIM.AEP_month_7x8_dap       25       1310       1310       15720         SDF       PIM.ATSI_month_7x8_dap       25       3407       3407       40884         SDG       PIM.EOM_month_7x8_dap       25       3407       3407       40884         SDI       PIM.DAY_month_7x8_dap       25       704       704       8448         SDL       PIM.DOM_month_7x8_dap       25       513       513       513       6156         SDN       PIM.DOM_month_7x8_dap       25       513       513       6156       5592       5513       513       61616       5592         SDN       PIM.DOM_month_7x8_dap		
SCD       PJM.FE OHIO_month_7x8_dac       25       1614       1614       19368         SCE       PJM.SOUTH_month_7x8_dac       25       1781       1781       21372         SDB       PJM.AECO_month_7x8_dap       25       292       292       3504         SDC       PJM.AEP_month_7x8_dap       25       9000       9000       108000         SDE       PJM.AFS_month_7x8_dap       25       1310       1310       15720         SDF       PJM.AFS_month_7x8_dap       25       1754       1754       21048         SDG       PJM.BEE_month_7x8_dap       25       897       897       10764         SDH       PJM.COMED_month_7x8_dap       25       3407       3407       40884         SDI       PJM.DAY_month_7x8_dap       25       704       704       8448         SDK       PJM.DOM_month_7x8_dap       25       6300       6300       75600         SDL       PJM.DOM_month_7x8_dap       25       513       513       6156         SDN       PJM.DUQ_month_7x8_dap       25       563       563       563         SDN       PJM.DUQ_month_7	198	0
SCE       PIM.SOUTH_month_7x8_dac       25       1781       1781       21372         SDB       PIM.AECO_month_7x8_dap       25       292       292       3504         SDC       PIM.AEF_month_7x8_dap       25       9000       9000       108000         SDE       PIM.AFS_month_7x8_dap       25       1310       1310       15720         SDF       PIM.AFSI_month_7x8_dap       25       1754       1754       21048         SDG       PIM.BGE_month_7x8_dap       25       3407       3407       40884         SDH       PIM.COMED_month_7x8_dap       25       100       1100       13200         SDI       PIM.DAY_month_7x8_dap       25       704       704       8448         SDI       PIM.DOK_month_7x8_dap       25       6300       6300       75600         SDL       PIM.DOM_month_7x8_dap       25       513       513       6156         SDN       PIM.DOM_month_7x8_dap       25       513       513       6156         SDN       PIM.DOU_month_7x8_dap       25       513       513       6156         SDN       PIM.DU_month_7x8_da		
SDB       PJM.AECO_month_7x8_dap       25       292       292       3504         SDC       PJM.AEP_month_7x8_dap       25       9000       9000       108000         SDE       PJM.AFP_month_7x8_dap       25       1310       1310       15720         SDF       PJM.ATSI_month_7x8_dap       25       1754       1754       21048         SDG       PJM.BGE_month_7x8_dap       25       897       897       10764         SDG       PJM.BGE_month_7x8_dap       25       3407       3407       40884         SDH       PJM.COMED_month_7x8_dap       25       100       1100       13200         SDJ       PJM.DAY_month_7x8_dap       25       704       704       8448         SDK       PJM.DOM_month_7x8_dap       25       6300       6300       75600         SDL       PJM.DOM_month_7x8_dap       25       513       513       6136         SDN       PJM.DU_month_7x8_dap       25       5420       420       5044         SDN       PJM.DU_month_7x8_dap       25       5551       9551       114612         SDO       PJM.KASTERN HUB_mont		
SDC       PJM.AEP_month_7x8_dap       25       9000       9000       108000         SDE       PJM.APS_month_7x8_dap       25       1310       1310       15720         SDF       PJM.ATSI_month_7x8_dap       25       1754       1754       21048         SDG       PJM.BGE_month_7x8_dap       25       3407       3407       40884         SDH       PJM.DOW_month_7x8_dap       25       1100       11100       13200         SDI       PJM.DOK_month_7x8_dap       25       704       704       8448         SDK       PJM.DOM_month_7x8_dap       25       6300       6300       75600         SDL       PJM.DOM_month_7x8_dap       25       513       513       6156         SDN       PJM.DOM_month_7x8_dap       25       9551       9551       114612         SDD       PJM.DU_month_7x8_dap       25       563       563       6756         SDN       PJM.DU_month_7x8_dap       25       9551       114612         SDP       PJM.METED_month_7x8_dap       25       563       563       67563         SDQ       PJM.EASTERN HUB_month_7x8_dap		
SDE       PJM.APS_month_7x8_dap       25       1310       1310       15720         SDF       PJM.ATSI_month_7x8_dap       25       1754       1754       21048         SDG       PJM.BGE_month_7x8_dap       25       897       897       10764         SDH       PJM.COMED_month_7x8_dap       25       3407       3407       40884         SDI       PJM.DAY_month_7x8_dap       25       1100       1100       13200         SDJ       PJM.DOK_month_7x8_dap       25       704       704       8448         SDK       PJM.DOM_month_7x8_dap       25       6300       6300       75600         SDL       PJM.DOM_month_7x8_dap       25       513       513       6156         SDN       PJM.DUP_month_7x8_dap       25       513       513       6156         SDN       PJM.DUQ_month_7x8_dap       25       563       563       6756         SDN       PJM.DUQ_month_7x8_dap       25       9551       114612       1780         SDP       PJM.METED_month_7x8_dap       25       1055       1055       12660         SDQ       PJM.PENELEC_month_		-
SDG       PJM.BGE_month_7x8_dap       25       897       897       10764         SDH       PJM.COMED_month_7x8_dap       25       3407       3407       40884         SDI       PJM.DAY_month_7x8_dap       25       1100       1100       13200         SDJ       PJM.DEOK_month_7x8_dap       25       704       704       8448         SDK       PJM.DOM_month_7x8_dap       25       6300       6300       75600         SDL       PJM.DOM_month_7x8_dap       25       12966       12966       155592         SDM       PJM.DUQ_month_7x8_dap       25       513       513       6136         SDN       PJM.DUQ_month_7x8_dap       25       420       420       5040         SDO       PJM.EASTERN HUB_month_7x8_dap       25       9551       9551       114612         SDP       PJM.METED_month_7x8_dap       25       1815       1815       21780         SDQ       PJM.EASTERN HUB_month_7x8_dap       25       1815       1815       21780         SDQ       PJM.PECO_month_7x8_dap       25       1833       833       9996         SDQ       <		
SDH       PJM.COMED_month_7x8_dap       25       3407       3407       40884         SDI       PJM.DAY_month_7x8_dap       25       1100       1100       13200         SDJ       PJM.DEOK_month_7x8_dap       25       704       704       8448         SDK       PJM.DOM_month_7x8_dap       25       6300       6300       75600         SDL       PJM.DOMINION HUB_month_7x8_dap       25       513       513       6156         SDN       PJM.DUQ_month_7x8_dap       25       513       513       6156         SDN       PJM.DUQ_month_7x8_dap       25       9551       9551       114612         SDO       PJM.EASTERN HUB_month_7x8_dap       25       563       563       6756         SDQ       PJM.METED_month_7x8_dap       25       1815       1815       21780         SDQ       PJM.METED_month_7x8_dap       25       1055       1055       12660         SDQ       PJM.PECO_month_7x8_dap       25       1055       1055       12660         SDR       PJM.PECO_month_7x8_dap       25       1055       1055       12660         SDV	42	0
SDI       PJM.DAY_month_7x8_dap       25       1100       1100       13200         SDJ       PJM.DEOK_month_7x8_dap       25       704       704       8448         SDK       PJM.DOM_month_7x8_dap       25       6300       6300       75600         SDL       PJM.DOMINION HUB_month_7x8_dap       25       12966       12966       155592         SDM       PJM.DUQ_month_7x8_dap       25       513       513       6156         SDN       PJM.DUQ_month_7x8_dap       25       420       420       5040         SDO       PJM.EASTERN HUB_month_7x8_dap       25       9551       9551       114612         SDP       PJM.METED_month_7x8_dap       25       563       563       6756         SDQ       PJM.PECO_month_7x8_dap       25       1815       1815       21780         SDR       PJM.PENELEC_month_7x8_dap       25       1055       1055       12660         SDT       PJM.PEPCO_month_7x8_dap       25       1168       1168       14016         SDV       PJM.PECO_month_7x8_dap       25       36       36       432         SDV		
SDJ       PJM.DEOL_month_7x8_dap       25       704       704       8448         SDK       PJM.DOM_month_7x8_dap       25       6300       6300       75600         SDL       PJM.DOMINION HUB_month_7x8_dap       25       12966       12966       15592         SDM       PJM.DPL_month_7x8_dap       25       513       513       6156         SDN       PJM.DUQ_month_7x8_dap       25       420       420       5040         SDO       PJM.EASTERN HUB_month_7x8_dap       25       9551       9551       114612         SDP       PJM.METED_month_7x8_dap       25       563       563       6756         SDQ       PJM.PECO_month_7x8_dap       25       1815       1815       21780         SDR       PJM.PECO_month_7x8_dap       25       1055       1055       12660         SDR       PJM.PENELEC_month_7x8_dap       25       833       833       9996         SDU       PJM.PECO_month_7x8_dap       25       1168       1168       14016         SDV       PJM.RECO_month_7x8_dap       25       36       36       432         SDV		
SDK       PJM.DOM_month_7x8_dap       25       6300       6300       75600         SDL       PJM.DOMINION HUB_month_7x8_dap       25       12966       12966       155592         SDM       PJM.DPL_month_7x8_dap       25       513       513       6156         SDN       PJM.DUQ_month_7x8_dap       25       420       420       5040         SDO       PJM.EASTERN HUB_month_7x8_dap       25       9551       9551       114612         SDP       PJM.METED_month_7x8_dap       25       563       563       6756         SDQ       PJM.PECO_month_7x8_dap       25       1815       1815       21780         SDR       PJM.PECO_month_7x8_dap       25       1055       1055       12660         SDT       PJM.PENELEC_month_7x8_dap       25       1055       1055       12660         SDT       PJM.PECO_month_7x8_dap       25       1168       1168       14016         SDV       PJM.PECO_month_7x8_dap       25       1168       1168       14016         SDV       PJM.PECO_month_7x8_dap       25       36       36       432         SDV		
SDL       PJM.DOMINION HUB_month_7x8_dap       25       12966       12966       15592         SDM       PJM.DPL_month_7x8_dap       25       513       513       6156         SDN       PJM.DUQ_month_7x8_dap       25       420       420       5040         SDO       PJM.EASTERN HUB_month_7x8_dap       25       9551       9551       114612         SDP       PJM.METED_month_7x8_dap       25       563       563       6756         SDQ       PJM.PECO_month_7x8_dap       25       1815       1815       21780         SDR       PJM.PECO_month_7x8_dap       25       1055       1055       12660         SDR       PJM.PERCLEC_month_7x8_dap       25       1168       1168       14016         SDT       PJM.PERCO_month_7x8_dap       25       1168       1168       14016         SDV       PJM.PECO_month_7x8_dap       25       36       36       432         SDV       PJM.RECO_month_7x8_dap       25       1168       1168       14016         SDV       PJM.RECO_month_7x8_dap       25       36       36       432         SDW <t< td=""><td></td><td></td></t<>		
SDM     PJM.DPL_month_7x8_dap     25     513     513     6156       SDN     PJM.DUQ_month_7x8_dap     25     420     420     5040       SDO     PJM.EASTERN HUB_month_7x8_dap     25     9551     9551     114612       SDP     PJM.METED_month_7x8_dap     25     563     563     6756       SDQ     PJM.PECO_month_7x8_dap     25     1815     1815     21780       SDR     PJM.PECO_month_7x8_dap     25     1055     1055     12660       SDR     PJM.PENELEC_month_7x8_dap     25     833     833     9996       SDT     PJM.PECO_month_7x8_dap     25     1168     1168     14016       SDV     PJM.PECO_month_7x8_dap     25     36     36     432       SDU     PJM.PEG_month_7x8_dap     25     1168     1168     14016       SDV     PJM.RECO_month_7x8_dap     25     36     36     432       SDW     PJM.FE OHIO_month_7x8_dap     25     1614     1614     19368       SDX     PJM.SOUTH_month_7x8_dap     25     1781     1781     21372		
SDO       PJM.EASTERN HUB_month_7x8_dap       25       9551       91412         SDP       PJM.METED_month_7x8_dap       25       563       563       6756         SDQ       PJM.PECO_month_7x8_dap       25       1815       1815       21780         SDR       PJM.PENELEC_month_7x8_dap       25       1055       1055       12660         SDT       PJM.PEPCO_month_7x8_dap       25       833       833       9996         SDU       PJM.PEEG_month_7x8_dap       25       1168       1168       14016         SDV       PJM.RECO_month_7x8_dap       25       36       36       432         SDV       PJM.RECO_month_7x8_dap       25       1614       1614       19368         SDX       PJM.SOUTH_month_7x8_dap       25       1781       1781       21372	87	0
SDP       PJM.METED_month_7x8_dap       25       563       563       6756         SDQ       PJM.PECO_month_7x8_dap       25       1815       1815       21780         SDR       PJM.PENELEC_month_7x8_dap       25       1055       1055       12660         SDR       PJM.PEPCO_month_7x8_dap       25       833       833       9996         SDT       PJM.PEPCO_month_7x8_dap       25       1168       1168       14016         SDV       PJM.RECO_month_7x8_dap       25       36       36       432         SDV       PJM.RECO_month_7x8_dap       25       1614       1614       19368         SDX       PJM.SOUTH_month_7x8_dap       25       1781       1781       21372		_
SDQ     PJM.PECO_month_7x8_dap     25     1815     1815     21780       SDR     PJM.PENELEC_month_7x8_dap     25     1055     1055     12660       SDT     PJM.PEPCO_month_7x8_dap     25     833     833     9996       SDU     PJM.PSEG_month_7x8_dap     25     1168     1168     14016       SDV     PJM.RECO_month_7x8_dap     25     36     36     432       SDV     PJM.FE OHIO_month_7x8_dap     25     1614     1614     19368       SDX     PJM.SOUTH_month_7x8_dap     25     1781     1781     21372		
SDR       PJM.PENELEC_month_7x8_dap       25       1055       12600         SDT       PJM.PEPCO_month_7x8_dap       25       833       833       9996         SDU       PJM.PSEG_month_7x8_dap       25       1168       1168       14016         SDV       PJM.RECO_month_7x8_dap       25       36       36       432         SDV       PJM.RECO_month_7x8_dap       25       1614       1614       19368         SDX       PJM.SOUTH_month_7x8_dap       25       1781       1781       21372		
SDT       PJM.PEPCO_month_7x8_dap       25       833       833       9996         SDU       PJM.PSEG_month_7x8_dap       25       1168       1168       14016         SDV       PJM.RECO_month_7x8_dap       25       36       36       432         SDV       PJM.RECO_month_7x8_dap       25       1614       1614       19368         SDW       PJM.FE OHIO_month_7x8_dap       25       1781       1781       21372		
SDV       PJM.RECO_month_7x8_dap       25       36       36       432         SDW       PJM.FE OHIO_month_7x8_dap       25       1614       1614       19368         SDX       PJM.SOUTH_month_7x8_dap       25       1781       1781       21372		
SDW       PJM.FE OHIO_month_7x8_dap       25       1614       19368         SDX       PJM.SOUTH_month_7x8_dap       25       1781       1781       21372	i 194	0
SDX       PJM.SOUTH_month_7x8_dap       25       1781       1781       21372		
		0
		0
SAB       PJM.AECO_month_2X16_dac       25       476       476       5712         SAC       PJM.AEP_month_2x16_dac       25       9000       9000       108000		
SAC       Fill       SAC       SOC       SOC <td></td> <td></td>		
SAE       PJM.APS_month_2x16_dac       25       1528       1528       18336		
SAF       PJM.ATSI_month_2x16_dac       25       2180       2180       26160	42	0
SAG       PJM.BGE_month_2x16_dac       25       1143       1143       13716		-
SAH       PJM.COMED_month_2x16_dac       25       4146       49752         SAH       PJM.COMED_month_2x16_dac       25       4146       49752		
SAI       PJM.DAY_month_2x16_dac       25       1100       1100       13200         SAJ       PJM.DEOK month 2x16 dac       25       840       840       10080		
SAG       PJM.DEOK_INDIAT_2X16_dat       25       840       840       10080         SAK       PJM.DOM_month_2x16_dat       25       6300       6300       75600		
SAL       PJM.DOMINION HUB_month_2x16 dac       25       13200       13200       158400		
SAM PJM.DPL_month_2x16_dac 25 643 643 7716		
SAN       PJM.DUQ_month_2x16_dac       25       501       6012	91	0
SAO       PJM.EASTERN HUB_month_2x16_dac       25       10275       10275       123300		
SAP       PJM.JCPL_month_2x16_dac       25       833       9996         SAO       PIM.METED month_2x16_dac       25       688       688       835       9956		
SAQ       PJM.METED_month_2x16_dac       25       688       688       8256         SAR       PJM.N ILLINOIS HUB_month_2x16_dac       25       5952       5952       71424		
SAK       PJM.N ILLINOIS HOB_month_2x16_dac       25       5952       5952       71424         SAT       PJM.PECO month_2x16_dac       25       2189       2189       26268		
SAU       PJM.PENELEC_month_2x16_dac       25       2189       21		
SAV       PJM.PEPCO_month_2x16_dac       25       1019       1019       12228		
SAW       PJM.PPL_month_2x16_dac       25       1920       1920       23040	188	
SAX       PJM.PSEG_month_2x16_dac       25       1548       1548       18576		
SAY       PJM.REC0_month_2x16_dac       25       47       47       564	192 194	
SAZ       PJM.WESTERN HUB_month_2x16_dac       25       9389       9389       112668         SBA       DIMATES OUND_month_2x16_dac       25       2005       2005       24050	192 194 198	
SBA       PJM.FE OHIO_month_2x16_dac       25       2005       24060         SBC       PJM.SOUTH_month_2x16_dac       25       1781       1781       21372	192 194 198 232	

# Nodal Exchange, LLC Rulebook Appendix C: Reporting Levels, Accountability Levels and Position Limits

Physical Commodity Code	Contract Name	Reporting Level	Spot Month Position Limit (lots)	Single Month Accountability Level (lots)	All Month Accountability Level (lots)	Aggregation Group*	CFTC Referenced Contract
SCF	PJM.AECO_month_2x16_dap	25	476	476	5712	21	0
SCG	PJM.AEP_month_2x16_dap	25	9000	9000	108000	23	0
SCH	PJM.APS_month_2x16_dap	25	1528	1528	18336	38	0
SCI	PJM.ATSI_month_2x16_dap	25	2180	2180	26160	42	0
SCJ	PJM.BGE_month_2x16_dap	25	1143	1143	13716	46	0
SCK	PJM.COMED_month_2x16_dap	25	4146	4146	49752	58	0
SCL	PJM.DAY_month_2x16_dap	25	1100	1100	13200	64	0
SCM	PJM.DEOK_month_2x16_dap	25	840	840	10080	75	0
SCN	PJM.DOM_month_2x16_dap	25	6300	6300	75600	83	0
SCO	PJM.DOMINION HUB_month_2x16_dap	25	13200	13200	158400	85	0
SCP	PJM.DPL_month_2x16_dap	25	643	643	7716	87	0
SCQ	PJM.DUQ_month_2x16_dap	25	501	501	6012	91	0
SCR	PJM.EASTERN HUB_month_2x16_dap	25	10275	10275	123300	93	0
SCT	PJM.METED_month_2x16_dap	25	688	688	8256	150	0
SCU	PJM.PECO_month_2x16_dap	25	2189	2189	26268	184	0
SCV	PJM.PENELEC_month_2x16_dap	25	1278	1278	15336	186	0
SCW	PJM.PEPCO_month_2x16_dap	25	1019	1019	12228	188	0
SCX	PJM.PSEG_month_2x16_dap	25	1548	1548	18576	194	0
SCY	PJM.RECO_month_2x16_dap	25	47	47	564	198	0
SCZ	PJM.FE OHIO_month_2x16_dap	25	2005	2005	24060	42	0
SDA	PJM.SOUTH_month_2x16_dap	25	1781	1781	21372	381	0