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November 20, 2023

Honorable Kimberly D. Bose  
Secretary  
Federal Energy Regulatory Commission  
888 First Street, N.E., Room 1A  
Washington, D.C. 20426

*Re: PJM Interconnection, L.L.C., Docket No. ER23- 450 -000  
PJM Operating Agreement, Schedule 12 Membership List Amendments  
PJM Reliability Assurance Agreement, Schedule 17 Amendments*

Dear Secretary Bose:

Pursuant to section 205 of the Federal Power Act, 16 U.S.C § 824d (2006), and section 35.13 of the Federal Energy Regulatory Commission's (the "Commission's" or "FERC's")<sup>1</sup> regulations, 18 C.F.R. Part 35, PJM Interconnection, L.L.C. ("PJM") submits for filing proposed revisions to the Amended and Restated Operating Agreement of PJM Interconnection, L.L.C. ("Operating Agreement"), Schedule 12, and Reliability Assurance Agreement among Load Serving Entities in the PJM Region ("RAA"), Schedule 17, to update these lists to include new members, remove withdrawn members, reflect the signatories to the RAA, and reflect Member corporate name changes for the third quarter of 2023.

## **I. BACKGROUND**

On December 6, 2002, as revised December 20, 2002, PJM filed amendments to the "Membership Requirements" provisions of the Operating Agreement (1) to delete the requirement that the Additional Member Agreements executed by new PJM Members be filed with the

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<sup>1</sup> Capitalized terms not otherwise defined herein have the meaning specified in the PJM Operating Agreement, PJM Open Access Transmission Tariff, and PJM RAA, as appropriate.

Commission; and (2) to permit entities to become PJM Members effective as of the date the Additional Members Agreements are countersigned by the president of PJM, rather than a date specified by the Commission.<sup>2</sup> PJM also added Operating Agreement, Schedule 12 that lists all current PJM Members.<sup>3</sup> The Commission accepted the December 6 Filing by order dated February 21, 2003.<sup>4</sup>

## **II. DESCRIPTION OF FILING**

### ***A. Revised Operating Agreement, Schedule 12***

PJM hereby submits for filing proposed revisions to the Operating Agreement, Schedule 12, which lists all the current PJM Members and includes updates to reflect (1) the addition of new PJM Members; (2) the removal of withdrawn PJM Members; and (3) PJM Members' corporate name changes up to, and including, September 30, 2023 the last new Member addition or Member name change amendments to the list of Members. Additionally, this filing includes ministerial clerical revisions to Operating Agreement, Schedule 12 to ensure that all members are listed in alphabetical order.

### ***B. Revised RAA, Schedule 17***

PJM hereby submits for filing proposed revisions to the RAA, Schedule 17, which lists all the current RAA signatories, and includes updates to reflect the removal of withdrawn PJM Members and PJM Members' corporate name changes up to, and through September 30, 2023. Additionally, this filing includes ministerial clerical revisions to RAA, Schedule 17 to ensure that all members are listed in alphabetical order.

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<sup>2</sup> See, PJM Transmittal Letter, Docket No. ER03-254-000, at 1 ("December 6 Filing").

<sup>3</sup> Q6 Filing at 2.

<sup>4</sup> *PJM Interconnection, L.L.C.*, 102 FERC ¶ 61,191 (2003).

### **C. *Membership Withdrawals***

Pursuant to section 35.15 of the Commission's regulations, 18 C.F.R. Part 35, and Operating Agreement, section 4.1(c) and Operating Agreement, section 18.18.2, PJM submits a notice of entities that have withdrawn from membership in PJM. As set forth in these sections, a "...member may withdraw from [the Operating Agreement] upon ninety days' notice," provided, however, that such withdrawal shall not be effective until approved by the Commission. Additionally, Operating Agreement, Schedule 3, specifies that each group of Affiliates, Related Parties or Member that does not timely pay its annual membership fee by January 1 shall be deemed to have given notice of its intent to withdraw from PJM Membership in accordance with Operating Agreement, section 18.18.2 as noted above. The withdrawing entities specified in this filing have either failed to pay their annual membership fees when due or notified PJM of their intent to withdraw from PJM Membership ninety days prior to the effective date noted for the respective entity as shown in Attachment C.

### **III. WAIVER AND EFFECTIVE DATE**

PJM requests a waiver of the Commission's notice requirements to permit a September 30, 2023 effective date, a date which includes the last member withdrawal following the requisite ninety days prior notice, the last new Member addition or Member name change amendments to the list of Members for the revised Operating Agreement, Schedule 12, and the last amendment to the list of parties to RAA, Schedule 17. Waiver is appropriate in this circumstance to allow new PJM Members, withdrawing Members, and corporate name changes to be reflected in the revised Operating Agreement, Schedule 12, as of the requested effective date (*i.e.*, September 30, 2023). Waiver is appropriate with respect to RAA, Schedule 17, as to allow new parties, withdrawing parties, and corporate name changes to be reflected accurately therein.

#### **IV. DOCUMENTS SUBMITTED**

Along with this transmittal letter, PJM submits the following attachments:

1. Attachment A: Revised Operating Agreement, Schedule 12 and RAA, Schedule 17 (*Marked Tariff*);
2. Attachment B: Revised Operating Agreement, Schedule 12 and RAA, Schedule 17 (*Clean Tariff*);
3. Attachment C: List of Member Withdrawals;
4. Attachment D: List of New Members;
5. Attachment E: List of Member Corporate Name Changes; and
6. Attachment F: List of New Signatories to the RAA.

#### **V. CORRESPONDENCE AND COMMUNICATION**

The following individuals are designated for inclusion on the official service list in this proceeding and for receipt of any communication regarding this filing:

Craig Glazer  
Vice President–Federal Government Policy  
PJM Interconnection, L.L.C.  
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#### **VI. SERVICE**

PJM has served a copy of this filing on all PJM Members and on all state utility regulatory commissions in the PJM Region by posting this filing electronically. Electronic service is permitted as of November 3, 2008, under the Commission’s regulations<sup>5</sup> pursuant to Order No.

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<sup>5</sup> See, 18 C.F.R. §§ 35.2, 154.2, 154.208 and 341.2.

714<sup>6</sup> and the Commission's Notice of Effectiveness of Regulations issued on October 28, 2008, in Docket No. RM01-5-000. In compliance with those regulations, PJM will post a copy of this filing to the FERC filings section of its internet site, located at the following link: <https://www.pjm.com/library/filing-order.aspx> with a specific link to the newly filed document, and will send an e-mail on the same date as this filing to all PJM Members and all state utility regulatory commissions in the PJM Region<sup>7</sup> alerting them that this filing has been made by PJM today and available by following such link. If the document is not immediately available by using the referenced link, the document will be available through the referenced link within 24 hours of the filing. Also, a copy of this filing will be available on the Commission's eLibrary website located at the following link: <http://www.ferc.gov/docs-filing/elibrary.asp> in accordance with the Commission's regulations and Order No. 714.

Respectfully submitted,

*/s/ Steven R. Pincus*

Craig Glazer  
Vice President – Federal Government Policy  
PJM Interconnection, L.L.C.

Steven R. Pincus  
Managing Counsel, Sr. Director  
PJM Interconnection, L.L.C.

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<sup>6</sup> *Electronic Tariff Filings*, Order No. 714, 124 FERC ¶ 61,270 (2008).

<sup>7</sup> PJM already maintains, updates, and regularly uses e-mail lists for all PJM Members and affected commissions.

# **Attachment A**

Revisions to the PJM Operating Agreement and  
PJM Reliability Assurance Agreement  
(Marked/Redline Format)

Section(s) of the  
PJM Operating Agreement  
(Marked/Redline Format)

**SCHEDULE 12 -  
PJM MEMBER LIST**

7 Bridges Solar, LLC  
AC Energy, LLC  
Acciona Energy North America Corporation (AENAC)  
ACT Commodities Inc.  
Advanced Energy Economy Inc.  
AEP Appalachian Transmission Company, Inc.  
AEP Energy Partners, Inc.  
AEP Energy, Inc.  
AEP Indiana Michigan Transmission Company, Inc.  
AEP Kentucky Transmission Company, Inc.  
AEP Ohio Transmission Company, Inc.  
AEP Retail Energy Partners, LLC  
AEP West Virginia Transmission Company, Inc.  
AES Energy Storage, LLC  
AES ES Holdings, LLC  
Aesir Power, LLC  
AES Integrated Energy, LLC  
AES Laurel Mountain, LLC  
AES Ohio Generation, LLC  
AES Solutions Management, LLC  
AEUG Madison Solar, LLC  
Affirmed Energy LLC  
Aggressive Energy LLC  
Agile Energy Trading LLC  
Agway Energy Services, LLC  
Air Products & Chemicals, Inc.  
Alabama Power Company  
Alameda Solar I, LLC  
Alegria Fund, LP  
Algonquin Energy Services, Inc.  
All American Power and Gas, LLC  
All Choice Energy MidAmerica LLC dba Raava Energy  
Allegheny Electric Cooperative, Inc.  
Allegheny Energy Supply Company, LLC  
ALLETE, Inc. d/b/a Minnesota Power  
Alliant Energy Corporate Services, Inc.  
Alliant Energy Resources, LLC  
Alpaca Energy LLC  
Alpha Gas and Electric, LLC  
Alphataraxia Palladium LLC  
Alternative Transmission Inc.  
Altop Energy Trading LLC  
Altop Energy Trading MidAtlantic LLC



Altrock LLC  
Altro Power LLC  
Altus Power, Inc.  
Amazand, LLC  
Amazon Energy LLC  
Ambit Northeast, LLC  
American Municipal Power, Inc.  
American Power & Gas of IL, LLC  
American Power & Gas of MD, LLC  
American Power & Gas of NJ, LLC  
American Power & Gas of Ohio, LLC  
American Power & Gas of Pennsylvania, LLC  
American PowerNet Management, L.P.  
American Transmission Systems Inc.  
Ames Energy, LLC  
AMP Transmission, LLC  
Anbaric Development Partners, LLC  
AM Trading Solutions, LLC  
AP Gas & Electric (IL), LLC  
AP Gas & Electric (MD), LLC  
AP Gas & Electric (OH), LLC  
AP Gas and Electric (NJ), LLC  
AP Gas and Electric (PA), LLC  
APN Starfirst, LP  
Apogee Energy Trading LLC  
Appalachian Power Company  
Appian Way Energy Partners MidAtlantic, LLC  
Approved Energy II LLC  
Aquenergy Systems LLC  
Archer Energy, LLC  
Armada Power, LLC  
Armenia Mountain Wind, LLC  
Aspen Generating, LLC  
Aspen Gen Funding, LLC  
Aspire Power Ventures, LP  
Associated Electric Cooperative, Inc.  
Astral Energy LLC  
Atlantic City Electric Company  
Atlantic Energy MD, LLC  
ATNV Energy, LP  
Aurora Energy Research LLC  
Automated Algorithms, LLC  
Avangrid Networks, Inc.  
Avangrid Renewables, LLC  
Axpo U.S. LLC  
Baltimore Gas and Electric Company

Baltimore Power Company LLC  
Bancroft Energy LLC  
Barclays Capital Services Corporation  
Bath County Energy, LLC  
Battery Utility of Ohio, LLC  
Bazinga, LLC  
Beaver Dam Energy LLC  
Beech Ridge Energy LLC  
Beech Ridge Energy II LLC  
Beech Ridge Energy Storage LLC  
Bellflower Solar 1, LLC  
Bernards Solar, LLC  
BIF II Safe Harbor Holding LLC  
BIF III Holtwood LLC  
Big Bend Trading, LLC  
Big Level Wind LLC  
Big Plain Solar, LLC  
Big Rivers Electric Corporation  
Big Sandy Peaker Plant, LLC  
~~Big Savage, LLC~~  
Big Sky Wind, LLC  
Birchwood Power Partners, L.P.  
Birdsboro Power LLC  
Bishop Hill Energy LLC  
BITH Solar I, LLC  
Bitter Ridge Wind Farm, LLC  
BJ Energy, LLC  
Black Oak Capital, LLC  
Blackout Power Trading Inc.  
Black Rock Wind Force, LLC  
Blackstone Wind Farm II, LLC  
Blackstone Wind Farm, LLC  
Blooming Grove Wind Energy Center LLC  
Blossom Solar, LLC  
Blue Harvest Solar Park LLC  
Blue Ridge Power Agency, Inc.  
Borough of Butler, Butler Electric Division  
Borough of Chambersburg  
Borough of Columbia, PA  
Borough of Lavallette, New Jersey  
Borough of Madison, New Jersey  
Borough of Milltown  
Borough of Mont Alto  
Borough of Park Ridge, New Jersey  
Borough of Pemberton  
Borough of Pitcairn, Pennsylvania

Borough of Seaside Heights  
Borough of South River, New Jersey  
Boston Energy Group, Inc.  
Boston Energy Trading and Marketing LLC  
Bowfin KeyCon Energy, LLC  
Bowfin KeyCon Power, LLC  
BP Alternative Energy North America Inc.  
BP Energy Company  
BP Energy Retail Company LLC  
BP Energy Holding Company LLC  
Brandon Shores LLC  
BREG Aggregator LLC  
Brick Standard LLC  
~~Brookfield Energy Marketing, LP~~  
Brookfield Power Piney & Deep Creek LLC  
Brookfield Renewable Energy Marketing US LLC  
Brookfield Renewable Trading and Marketing LP  
~~Bruce Power Inc.~~  
Brunner Island, LLC  
Buckeye Power, Inc.  
~~C4GT LLC~~  
Caden Energix Axton LLC  
Calpine Bethlehem, LLC  
Calpine Energy Services, L.P.  
Calpine Energy Solutions, LLC  
Calpine Mid Atlantic Marketing, LLC  
Calvert Cliffs Nuclear Power Plant, LLC  
Cambria Wind LLC  
Camden Plant Holding, L.L.C.  
Camden Solar LLC  
Camp Grove Wind Farm, LLC  
Capacity Markets Partners, LLC  
Cape May County Municipal Utilities Authority  
Carolina Power Partners, LLC  
Carroll County Energy LLC  
Castleton Commodities Merchant Trading L.P.  
Catalyst Power & Gas LLC  
CCI U.S. Power Trading LLC  
Central Electric Power Cooperative, Inc.  
Central Transmission, LLC  
Central Virginia Electric Cooperative  
Centre Lane Trading Limited  
Champion Energy, LLC  
Champion Energy Marketing LLC  
Champion Energy Services, LLC  
Chesapeake Transmission LLC

Chief Conemaugh Power, LLC  
Chief Conemaugh Power II, LLC  
Chief Keystone Power, LLC  
Chief Keystone Power II, LLC  
Choice Energy, LLC dba 4 Choice Energy, LLC  
Cinnamon Bay, LLC  
Citadel FNGE Ltd.  
Citigroup Energy Inc.  
Citizens' Electric Company of Lewisburg, PA  
City of Batavia, Illinois  
City of Cleveland, Department of Public Utilities, Division of Cleveland Public Power  
City of Dover, Delaware  
City of Geneva (The)  
City of Hamilton  
City of Rochelle  
City Power & Gas, LLC  
CleanChoice Energy, Inc.  
Clean Energy Future – Lordstown, LLC  
Clearview Electric Inc.  
Clearview Solar I, LLC  
Cleveland-Cliffs Steel Corporation  
Cleveland-Cliffs Steel LLC  
Cleveland Electric Illuminating Company  
Click Energy, LLC  
CL-Viaduct Holding LLC  
CMS Energy Resource Management Company  
Comity Inc.  
Coaltrain Energy LP  
Coastal Strategies, LLC  
COI Energy Services, Inc.  
Collegiate Clean Energy, LLC  
Commonwealth Chesapeake Company, LLC  
Commonwealth Edison Company  
Community Energy, Inc.  
ConocoPhillips Company  
Consolidated Edison Company of New York, Inc.  
Constellation Energy Generation, LLC  
Constellation NewEnergy, Inc.  
Consumer Protection and Advocate Division of the Tennessee Attorney General  
Consumers Energy Company  
Convergent Energy and Power LP  
Cordova Energy Company LLC  
Cork Oak Solar LLC  
Cornerstone Gas, L.L.C.  
Corona Power LLC  
Cottontail Solar 1, LLC

Cottontail Solar 2, LLC  
Cottontail Solar 3, LLC  
Cottontail Solar 4, LLC  
Cottontail Solar 5, LLC  
Cottontail Solar 6, LLC  
Cottontail Solar 7, LLC  
Cottontail Solar 8, LLC  
County of Frederick, VA  
Covanta Energy Marketing LLC  
Covanta Union, LLC  
CP Energy Marketing (US) Inc.  
CPV Backbone Solar, LLC  
CPV Fairview, LLC  
CPV Keasbey, LLC  
CPV Maple Hill Solar, LLC  
CPV MARYLAND, LLC  
CPV Power Holdings, LP  
CPV Retail Energy LP  
CPV Shore, LLC  
CPV Three Rivers, LLC  
CPV Rogue's Wind, LLC  
Crescent Ridge LLC  
Crete Energy Venture, LLC  
Crossroads Solar I, LLC  
Cube Hydro Partners, LLC  
Current Energy and Renewables Inc.  
Customized Energy Solutions, Ltd.  
CWP Energy Inc.  
Cypress Creek Renewables, LLC  
Danske Commodities US LLC  
Darby Energy, LLLP  
Darby Power, LLC  
Dart Container Corporation of Pennsylvania  
David Energy Supply, LLC  
Dayton Power & Light Company (The)  
DC Energy LLC  
DC Energy Mid-Atlantic, LLC  
DCO Energy, LLC  
Decatur Energy Center, LLC  
Delaware Division of the Public Advocate  
Delaware Municipal Electric Corporation  
Delmarva Power & Light Company  
Denver Energy, LLC  
Devonshire Energy, LLC  
~~Diamond Energy East, LLC~~  
~~Diamond Retail Energy, LLC~~

Diamond State Generation Partners, LLC  
Direct Energy Business, LLC  
~~Direct Energy Business Marketing, LLC~~  
Direct Energy Services, LLC  
Discount Power, Inc.  
Divine Power, Inc.  
Dominion Energy Generation Marketing, Inc.  
Dominion Energy South Carolina, Inc.  
Domtar Paper Company, LLC  
Doral Renewables LLC  
Doswell Limited Partnership  
DPL Energy Resources, LLC  
Drake Power, LLC  
DTE Atlantic, LLC  
DTE Energy Trading, Inc.  
DTN, LLC  
Duke-American Transmission Company, LLC  
Duke Energy Business Services, LLC  
Duke Energy Carolinas, LLC  
Duke Energy Florida, LLC  
Duke Energy Kentucky, Inc.  
Duke Energy Ohio, Inc.  
Duke Energy Progress, LLC  
Duke Energy Renewable Services, LLC  
Duquesne Light Company  
Duquesne Light Energy, LLC  
Duquesne Power LLC  
DV Trading, LLC  
DXT Commodities North America Inc.  
Dynamix Energy Services Company, LLC  
Dynasty Energy California Inc.  
Dynasty Power Inc.  
Dynergy Energy Services, LLC  
Dynergy Marketing and Trade, LLC  
Dynergy Power Marketing, LLC  
Eagle Creek Hydro Holdings, LLC  
Eagle Point Power Generation LLC  
East Coast Power Linden Holdings L.L.C.  
Eastern Generation, LLC  
Eastern Shore Solar LLC  
East Kentucky Power Cooperative, Inc.  
Easton Utilities Commission  
Ebensburg Power Company  
eCap Network, LLC  
EcoGrove Wind, LLC  
EcoPlus Power, LLC

EDF Trading North America, LLC  
Edgecombe Solar LLC  
EDP Renewables North America, LLC  
EF Kenilworth LLC  
EFS Parlin Holdings, LLC  
Electranet REP I, LLC  
Elgin Energy Center, LLC  
Eligo Energy, LLC  
Elk Hill Solar 1, LLC  
Elk Hill Solar 2, LLC  
Elk Run Storage LLC  
Elliot Bay Energy Trading, LLC  
Elmagin Power Fund LLC  
Elm Line LLC  
Elmwood Park Power, LLC  
Elwood Energy LLC  
Emera Energy Services, Inc.  
Emporia Hydropower Limited Partnership  
Endurance Energy Midwest LLC  
Enel Green Power Hilltopper Wind, LLC  
Enel Trading North America, LLC  
Enel X North America, Inc.  
Energo Power & Gas LLC dba Energo  
Energy Authority, Inc. (The)  
Energy Center Dover LLC  
Energy Cooperative Association of Pennsylvania  
Energy Cooperative of America, Inc.  
Energy Harbor LLC  
EnergyMark, LLC  
Energy Plus Holdings LLC  
Energy Power Investment Company, LLC  
Energy Service Providers, Inc.  
Energy Technology Savings, Inc.  
Energy Transfer Retail Power, LLC  
EnerPenn USA, LLC  
Enerwise Global Technologies, LLC  
Engelhart CTP (US) LLC  
ENGIE Energy Marketing NA, Inc.  
ENGIE Power & Gas LLC  
ENGIE Resources LLC  
EnPowered USA Inc.  
Entergrid Fund I LLC  
EPP Renewable Energy, LLC  
ESC Harrison County Power, LLC  
Essential Power OPP, LLC  
Essential Power Rock Springs, LLC

ETC Endure Energy L.L.C.  
Evergreen Gas & Electric, LLC  
Evergy Kansas Central, Inc.  
Evergy Metro, Inc.  
Everyday Energy, LLC  
Exelon Business Services Company, LLC  
Fairless Energy, L.L.C.  
Fantods LLC  
Fermata Energy, LLC  
Fern Solar LLC  
First Point Power, LLC  
FiTran Fund LP  
Five Elements Energy LLC  
Five Forks Solar, LLC  
Florida Power & Light Company  
Forest Investment Group, LLC  
Forked River Power LLC  
Fowler Ridge Wind Farm LLC  
Fowler Ridge II Wind Farm LLC  
~~Fowler Ridge III Wind Farm LLC~~  
Fowler Ridge IV Wind Farm LLC  
Foxhound Solar, LLC  
FP East Capital Partners LLC  
Franklin Power LLC  
Frasier Solar, LLC  
Freepoint Commodities LLC  
Freepoint Energy Solutions LLC  
Fresh Air Energy XVIII, LLC  
Fresh Air Energy XXXV, LLC  
G&G Energy, Inc.  
G&S Wantage Solar, LLC  
Galilean Electricae LLC  
Gallus Capital LLC  
Galt Power, Inc.  
Gavin Power, LLC  
GBE Energy Marketing Inc.  
GDF SUEZ Energy Resources NA, Inc.  
Genex Solar LLC  
~~Genbright LLC~~  
Gen IV Investment Opportunities, LLC  
GenOn Energy Management, LLC  
GenOn Mid-Atlantic, LLC  
GenOn Power Midwest, LP  
GenOn REMA, LLC  
Gen Ops, LLC  
Geodesic 2 LLC



Georgia Power Company  
Gerdau Ameristeel Energy, Inc  
GlidePath Power Operations LLC  
Goldin LLC  
Grand Ridge Energy LLC  
Grand Ridge Energy II LLC  
Grand Ridge Energy III LLC  
Grand Ridge Energy IV LLC  
Grand Ridge Energy Storage, LLC  
Grange Solar, LLC  
Granger Energy of Honey Brook, LLC  
Grantham Energy Corporation  
Grasshopper Energy LLC  
Grays Ferry Cogeneration Partnership  
Great American Gas & Electric, LLC  
Great American Power, LLC  
Great Barrington Energy Fund LP  
Great Cove Solar I LLC  
Great Cove Solar II LLC  
Great Falls Hydroelectric Company Limited Partnership  
Green Energy NE LLC  
Greenlight Energy Inc.  
Green Mountain Energy Company  
Green River Holdings, LLC  
Greenville County Solar Project, LLC  
GRG ENERGY LLC  
GridBeyond US, LLC  
Gridforce Energy Management, LLC  
Gridmatic Inc.  
Gridmatic Panicum LLC  
Grid Power Direct, LLC  
Group628, LLC  
GSG, LLC  
GSG 6, LLC  
Guernsey Power Station LLC  
Guidehouse Inc.  
Gunvor USA LLC  
Guzman Energy LLC  
H.A. Wagner LLC  
H.Q. Energy Services (U.S.), Inc.  
Hagerstown Light Department  
Half Moon Ventures, LLC  
Hamilton Liberty LLC  
Hamilton Patriot LLC  
Hammond Solar, LLC  
Handsome Lake Energy, LLC

Harborside Energy, LLC  
Hardin Solar Energy LLC  
Hardin Wind LLC  
Harrison REA, Inc. – Clarksburg, WV  
Hartree Partners, LP  
Harts Mill Solar, LLC  
Harvey Solar I, LLC  
Hawks Nest Hydro LLC  
Hazle Spindle, LLC  
Hazleton Generation LLC  
HD Project One, LLC  
Headwaters Wind Farm LLC  
Headwaters Wind Farm II LLC  
Hecate Energy Highland LLC  
Helix Ironwood, LLC  
Hemlock Solar, LLC  
Hemsworth Capital LP  
Hemsworth Capital Midwest LP  
Heritage Power Marketing, LLC  
Hexis Energy Trading, LLC  
Hickory Run Energy, LLC  
Highland North LLC  
High Point Solar LLC  
High Trail Wind Farm LLC  
Hillcrest Solar I, LLC  
Hill Top Energy Center, LLC  
Holcim (US), Inc.  
Holocene Finance, LLC  
Homer City Generation, LP  
Hoosier Energy REC, Inc.  
Horizon Power and Light, LLC  
H-P Energy Resources, LLC  
Hudson Energy Services LLC  
Hudson Transmission Partners, LLC  
Hummel Station, LLC  
HXNAir Solar One, LLC  
Icetec.com, Inc.  
Icetec Energy Services, Inc.  
IDT Energy, Inc.  
IHG Core Holdings, Ltd.  
IHS Global Inc.  
Illinois Citizens Utility Board  
Illinois Municipal Electric Agency  
Illinois Power Marketing Company  
IMG Midstream LLC  
In Commodities US LLC

Indeck Niles, LLC  
Independence Energy Group, LLC  
Independent Energy Consultants, Inc.  
Indiana Michigan Power Company  
Indiana Municipal Power Agency  
Indiana Office of Utility Consumer Counselor (IN OUCC)  
Inerci Capital Inc.  
Inertia Power I, LLC  
Ingenco Wholesale Power, LLC  
Innergex Renewable USA LLC  
Innoventive Power LLC  
Inspire Energy Holdings, LLC  
Intelligent Generation LLC  
International Paper Company  
Interstate Gas Supply, LLC  
Interstate Power and Light Company  
Invenergy Energy Management LLC  
Invenergy LLC  
Invenergy Nelson Expansion LLC  
Invenergy Nelson LLC  
IPKeys Power Partners, Inc.  
IR Energy Management LLC  
ISO 1, LLC  
ITC Mid-Atlantic Development LLC  
Jack Rich, Inc. d/b/a Anthracite Power & Light Company  
Jackson Generation, LLC  
Jane Street Energy Trading, LLC  
Janus Power LLC  
J. Aron & Company LLC  
Jersey-Atlantic Wind, LLC  
Jersey Central Power & Light Company  
Jersey Green Energy, LLC  
Josco Energy IL LLC  
Josco Energy USA, LLC  
JP Morgan Ventures Energy Corporation  
Jupiter Power LLC  
Just Energy Limited  
Just Energy Solutions Inc.  
KDC Solar Green Power LLC  
Kendall Power Company LLC  
Keni Energy LLC  
Kentucky Municipal Energy Agency  
Kentucky Power Company  
Kestrel Acquisition, LLC  
KeyCon Power Holdings LLC  
[Keystone Appalachian Transmission Company](#)

Keystone-Conemaugh Projects, LLC  
KeyTex Energy LLC  
KeyTex Energy Solutions LLC  
KFW Energy, LLC  
Kimberly-Clark Corporation  
Kincaid Generation, LLC  
Kingsport Power Company  
Kiwi Energy NY LLC  
KMC Thermo, LLC  
KOREnergy, Ltd.  
Kuehne Chemical Company, Inc.  
kWantix Trading Fund I,LP  
L&P Electric Inc., d/b/a Leggett & Platt Electric Inc.  
Lackawanna Energy Center LLC  
Lafayette Power LLC  
Lancaster County Solid Waste Management Authority  
Landaj Investment, LLC  
Land O'Lakes, Inc.  
Lantar Energy LLC  
Lawrenceberg Power, LLC  
Lanyard Power Holdings, LLC  
LCP Energy LP  
Leapfrog Power, Inc.  
Lee County Generating Station, LLC  
Leeward Asset Management, LLC  
Legacy Energy Group, LLC (The)  
Lehigh Portland Cement Company  
Letterkenny Industrial Development Authority – PA  
Lexington Chenoa Wind Farm LLC  
Liberty Electric Power, LLC  
Liberty Madison Storage LLC  
Lightstone Marketing LLC  
Lily Pond Solar, LLC  
Lincoln Generating Facility, LLC  
Linden VFT LLC  
LM Power, LLC  
LMBE Project Company LLC  
Lone Tree Wind, LLC  
Long Island Lighting Company d/b/a LIPA  
Long Ridge Energy Generation LLC  
Longview Power, LLC  
Louisville Gas and Electric Company/Kentucky Utilities Company  
~~Lower Electric, LLC~~  
LQA, LLC  
LSP University Park, LLC  
LTSTE Investments, LLC

Lyons Solar, LLC  
Macquarie Energy LLC  
Macquarie Energy Trading LLC  
MAG Energy Solution, Inc.  
Mahoning Creek Hydroelectric Company, LLC  
Major Energy Electric Services, LLC  
Manatee Transmission LLC  
Maple Analytics, LLC  
Marginal Unit, Inc.  
Marina Energy, LLC  
Martins Creek, LLC  
Marubeni Power International, Inc.  
Maryland Office of People's Counsel  
Maryland Solar LLC  
~~Mattawoman Energy, LLC~~  
MC Project Company LLC  
MC Squared Energy Services, LLC  
Meadow Lake Wind Farm, LLC  
Meadow Lake Wind Farm II, LLC  
Meadow Lake Wind Farm III, LLC  
Meadow Lake Wind Farm IV, LLC  
Meadow Lake Wind Farm V, LLC  
Meadow Lake Wind Farm VI LLC  
MeadWestvaco Corporation  
Median Energy Corp.  
Median Energy IL LLC  
Median Energy PA LLC  
Mega Energy of Illinois, LLC  
Mehoopany Wind Energy LLC  
Mendota Hills, LLC  
Mercuria Energy America, LLC  
Mercuria SJAK Trading, LLC  
Merrill Lynch Commodities, Inc.  
Messer LLCsouth  
Messer Energy Services, Inc.  
MeterGenius, Inc.  
Metropolitan Edison Company  
MFT Energy US 1 LLC  
Miami Valley Lighting, LLC  
Mianus River Energy, LLC  
Michigan Department of Attorney General, Environment, Natural Resources & Agriculture  
Division  
Michigan Public Power Agency  
MidAmerican Energy Company  
MidAmerican Energy Services, LLC  
Mid-Atlantic Interstate Transmission, LLC

MidAtlantic Power Partners, LLC  
Middlesex County Utilities Authorities  
Midwest Energy Trading East LLC  
Midwest Generation, LLC  
Milan Energy LLC  
Milford Solar LLC  
Mississippi Power Company  
Mitsui Bussan Commodities Ltd.  
Mitsui & Co. Energy Marketing and Services (USA), Inc.  
Monongahela Power Company d/b/a Allegheny Power  
Monterey MA LLC  
Montour, LLC  
Montpelier Generating Station, LLC  
Monument Generating Station, LLC  
Morgan Stanley Capital Group Inc.  
Morgan Stanley Services Group Inc.  
Morris Cogeneration, L.L.C  
Mosaic Power, LLC  
Moundsville Power, LLC  
Moxie Freedom LLC  
MP2 Energy LLC  
MP2 Energy NE LLC dba Shell Energy Solutions  
MPCF I, LLC  
MPower Energy NJ LLC  
Mt. Carmel Cogen, Inc.  
National Gas & Electric, LLC  
Nautilus Power, LLC  
Nautilus Solar Energy, LLC  
NDC Partners, LLC  
NedPower Mount Storm, LLC  
NEPM II, LLC  
Neptune Regional Transmission System, LLC  
Newark Energy Center, LLC  
New Covert Generating Company, LLC  
New Creek Wind LLC  
New Jersey Division of the Ratepayer Advocate  
New Jersey Transit Corporation  
New Wave Energy, LLC  
New York Power Authority  
New York State Electric & Gas Corporation  
Newark Bay Cogeneration Partnership, L.P.  
New Road Power, LLC  
NextEra Energy Bluff Point, LLC  
NextEra Energy Marketing, LLC  
NextEra Energy Services Illinois, LLC  
NextEra Energy Services New Jersey, LLC

NextEra Energy Transmission, LLC  
NextEra Energy Transmission MidAtlantic Indiana, Inc.  
NextPower III US Holdco Inc.  
Nexus Energy Inc.  
NG Renewables Energy Marketing, LLC  
NJR Clean Energy Ventures Corporation  
NJR Clean Energy Ventures II Corporation  
NJR Clean Energy Ventures III Corporation  
Nodal Exchange, LLC  
Nordic Energy Services LLC  
North 301 Solar, LLC  
North American Power and Gas, LLC  
North Carolina Electric Membership Corporation  
North Carolina Municipal Power Agency Number 1  
North Hanover Solar W2-082, LLC  
Northampton Generating Company, L.P.  
Northeastern REMC  
Northeast Maryland Waste Disposal Authority  
Northern Illinois Municipal Power Agency  
Northern Indiana Public Service Company  
Northern States Power Company  
Northern Virginia Electric Cooperative - NOVEC  
NorthPoint Energy Solutions, Inc.  
Northstar Trading Ltd.  
Northwest Ohio Wind, LLC  
NRG Business Marketing LLC  
NRG Curtailment Solutions, Inc.  
NRG Power Marketing, LLC  
NRGStream LLC  
NTE Ohio, LLC  
nTherm, LLC  
NuEnergen, LLC  
Oak Trail Solar, LLC  
OCI Solar Power, LLC  
Octopus Energy LLC  
Office of the Attorney General, Kentucky  
Office of the People's Counsel for the District of Columbia  
O.H. Hutchings CT, LLC  
Ohio Consumer's Counsel  
Ohio Edison Company  
Ohio Power Company  
Ohio Valley Electric Corporation  
Old Dominion Electric Cooperative  
Old Mission Energy Trading LLC  
Olympus Power, LLC  
One Energy Enterprises LLC

Ontario Power Generation Energy Trading, Inc.  
Ontario Power Generation Inc.  
Ontelaunee Power Operating Company, LLC  
Open Road Renewables, LLC  
Oregon Clean Energy, LLC  
Orennia US LLC  
Orsted Onshore North America, LLC  
Osaka Gas USA Corporation  
Owensboro Municipal Utilities  
Oxbow Creek Energy LLC  
Pacific Summit Energy LLC  
Palladium Energy, LLC  
Palm Energy LLC  
Palmco Power DC, LLC  
PALMco Power DE, LLC  
Palmco Power IL, LLC  
Palmco Power MD, LLC  
Palmco Power NJ, LLC  
Palmco Power PA, LLC  
PALMco Power VA, LLC  
Panther Creek Power Operating, LLC  
Park Power LLC  
Parkway Generation Operating LLC  
PATH Allegheny Transmission Company, LLC  
PATH West Virginia Transmission Company, LLC  
Patton Wind Farm, LLC  
Paulding Wind Farm II LLC  
Paulding Wind Farm III LLC  
Paulding Wind Farm IV LLC  
Pay Less Energy, LLC  
PBF Power Marketing, LLC  
Peak Energy Capital LP  
Peakstone Energy, LLC  
PECO Energy Company  
Pedricktown Cogeneration Company LP  
Pegasus Energy Futures LLC  
PEI Power LLC  
PEI Power II, LLC  
Peninsula Power, LLC  
Penncat Corporation  
Pennoni Associates Inc.  
Pennsylvania Electric Company  
Pennsylvania Grain Processing LLC  
Pennsylvania Office of Consumer Advocate  
Pennsylvania Power Company  
Pennsylvania Renewable Resources, Associates



Perast Fund LP  
Pharentram Energy Services, Ltd.  
Philadelphia Energy Solutions Refining and Marketing LLC  
Phillips 66 Energy Trading LLC  
Piedmont Energy Fund, L.P.  
Pine Gate Mid-Atlantic, LLC  
Pinesburg Solar LLC  
Pinnacle Power LLC  
Pixelle Specialty Solutions LLC  
Plains Solar, LLC  
Plant-E Corp.  
Polaris Power Services LLC  
Potomac Edison Company (The) d/b/a Allegheny Power  
Potomac Electric Power Company  
Potomac Energy Center, LLC  
Power Analytics Software, Inc.  
Power Engineers, Incorporated  
Power Supply Services, LLC  
Power Up Energy, LLC  
Powervine Energy, LLC  
PPL Electric Utilities Corporation dba PPL Utilities  
Prairieland Energy, Inc.  
Praxair, Inc.  
Precept Power LLC  
Procter & Gamble Paper Products Company (The)  
Prospect Power, LLC  
Providence Heights Wind, LLC  
Provision Power and Gas, LLC  
PSEG Energy Resources & Trade LLC  
PSEG Energy Solutions LLC  
PSEG Nuclear LLC  
Public Service Electric and Gas Company  
Public Staff – North Carolina Utilities Commission  
Pure Energy, Inc.  
Pure Energy USA IL, LLC  
Pure Energy USA, LLC  
Quattro Energy LP  
Radford's Run Wind Farm, LLC  
Rainbow Energy Marketing Corporation  
Rainbow Energy Ventures LLC  
Rausch Creek Electric Power Holdings, LLC  
Realgy, LLC  
Recurrent Energy, LLC  
Red Oak Power, LLC  
Red Wolf TX2, LLC  
Refinitiv US LLC

Reliant Energy Northeast, LLC  
Renaissance Power & Gas, Inc.  
Reenergy Inc.  
Renewable Energy Aggregators Inc.  
Rensselaer Generating LLC  
RES America Developments Inc.  
ResCom Energy, LLC  
Residents Energy, LLC  
Respond Power, LLC  
Rhei Energy Partners LP  
Richfield Solar Energy LLC  
Richland-Stryker Generation LLC  
RI-Corp. Development, Inc.  
River Bay Commodities, LLC  
RiverCrest Power-South, LLC  
Riverside Generating Company, L.L.C.  
Riverstart Solar Park LLC  
Rochester Gas and Electric Corporation  
Rockfish Solar LLC  
Rockland Electric Company  
Rocky Road Power, LLC  
Rodan Energy Solutions (USA) Inc.  
Rolling Hills Generating, L.L.C.  
Rose Gold Solar, LLC  
Roseton Generating LLC  
Roth Rock Wind Farm, LLC  
Roundtop Energy LLC  
Royal Bank of Canada  
RPA Energy, Inc.  
RTP Controls, Inc  
RTR Energy Solutions LLC  
Rushmore Energy, LLC (new)  
RWE Clean Energy Solutions, Inc.  
RWE Clean Energy Wholesale Services, Inc.  
RWE Renewables Americas, LLC  
Safe Harbor Water Power Corporation  
Sanitas Power, LLC  
Santanna Energy Services  
Saracen Energy East LP  
Saracen Energy Midwest LP  
Saracen Energy West LP  
Saracen Power LP  
Saugatuck River Power Trading LLC  
S.C. Energy Partners LLC  
Schuylkill Energy Resources, Inc.  
Scout Storage LLC

Scrubgrass Generating Company, L.P.  
Scylla Energy LLC  
Seneca Generation, LLC  
Seneca Trading LLC  
SESCO ENTERPRISES LLC  
Seven Islands Environmental Solutions, LLC  
Severn River Power LLC  
Seward Generation, LLC  
SFE Energy, Inc.  
Shell Energy North America (U.S.), L.P.  
Shepard's Neck Point LLC  
Shipley Choice LLC  
Sidney, LLC  
Siemens Industry, Inc.  
Silver Run Electric, LLC  
S.J. Energy Partners, Inc.  
SmartEnergy Holdings, LLC  
SmartestEnergy US LLC  
Smart Wires Inc.  
SociVolta Inc.  
Solios Power Mid-Atlantic Trading LLC  
Sol Madison Solar, LLC  
Southampton Solar LLC  
South Bay Energy Corp.  
Southeastern Chester County Refuse Authority  
Southeastern Power Administration  
Southern Indian Gas and Electric Company d/b/a Vectren Power Supply Inc.  
Southern Maryland Electric Cooperative, Inc.  
Southern Power Company  
South Field Energy LLC  
South Jersey Energy Company  
Spark Energy, LLC  
Spartacus Energy Services LLC  
Spotlight Power LLC  
sPower Energy Marketing, LLC  
Spring Energy RRH, LLC dba Spring Power & Gas  
Spruance Operating Services, LLC  
Spruce Power Trading, LLC  
Standard Gas & Electric, LLC  
Star Jasmine Houston LLC  
STATARB INVESTMENTS LLC  
Sterling Partners Energy Investors LLC  
St. Joseph Energy Center, LLC  
Stones DR, LLC  
Stoney Creek Wind Farm, LLC  
Stream Energy Columbia, LLC

Stream Energy Delaware, LLC  
Stream Energy Illinois, LLC  
Stream Energy Maryland, LLC  
Stream Energy New Jersey, LLC  
Stream Energy Pennsylvania, LLC  
Stream Ohio Gas & Electric, LLC  
Strom Power, LLC  
Summer Energy Midwest, LLC  
Summit Farms Solar, LLC  
SunCoke Energy, Inc  
Sunflower Solar LLC  
SunSea Energy LLC  
Sunshaw Power Trading, LLC  
Sun Tribe Development LLC  
Susquehanna Nuclear, LLC  
Sustaining Power Solutions LLC  
Syncarpha Solar, LLC  
SYSO Inc.  
Tait Electric Generating Station, LLC  
Talen Energy Marketing, LLC  
Tangent Energy Solutions, Inc.  
Tatanka Wind Power, LLC  
TC Energy Marketing Inc.  
TEC Energy Inc.  
TEC Trading, Inc.  
Tenaska Pennsylvania Partners, LLC  
Tenaska Power Management, LLC  
Tenaska Power Services Co.  
Tenaska Virginia Partners, L.P.  
Tennessee Valley Authority (The)  
TerraForm IWG Acquisition Holdings II, LLC  
Texas Retail Energy, LLC  
Teza Technologies LLC  
The Hartz Group  
The Highlands Energy Group, LLC  
Think Energy, LLC  
Thordin ApS  
Thurmont Municipal Light Company  
Tidal Energy Marketing (U.S.) L.L.C.  
Tilton Energy LLC  
Timber Road Solar Park LLC  
TimberRock Consulting LLC  
Tios Capital, LLC  
Titan Gas and Power  
Todd Solar LLC  
Toledo Edison Company (The)

Tomorrow Energy Corp  
Town of Berlin, Maryland  
Town of Williamsport  
Town Square Energy East, LLC  
Tradewind Energy, Inc.  
Trafigura Trading LLC  
TrailStone Energy Marketing, LLC  
Trans-Allegheny Interstate Line Company  
TransAlta Energy Marketing (US) Inc.  
Transource Energy, LLC  
Transource Maryland, LLC  
Transource Pennsylvania, LLC  
Transource West Virginia, LLC  
Tri-County Rural Electric Cooperative, Inc.  
TriEagle Energy, LP  
Tri Global Energy, LLC  
TrueLight Commodities, LLC  
Trustees of the University of Pennsylvania  
Tupelo Solar I, LLC  
TWE Myrtle Solar Project, LLC  
Twin Eagle Resource Management, LLC  
Twin Ridges LLC  
Tyne Hill Investments LP  
Tyr Energy, LLC  
UGI Development Company  
UGI Energy Services, LLC  
UGI Utilities, Inc.  
Uncia Energy LP – Series B  
Union Electric Company d/b/a Ameren Missouri  
Union Ridge Solar, LLC  
University Park Energy, LLC  
UN-School House Holding LLC  
Urban Grid Solar Projects, LLC  
V3 Commodities Group, LLC  
VCIOM, LLC  
VECO Power Trading, LLC  
Velocity American Energy Master I, LP  
Verde Energy USA DC, LLC  
Verde Energy USA Illinois, LLC  
Verde Energy USA Maryland, LLC  
Verde Energy USA Ohio, LLC  
Verde Energy USA, Inc.  
Vineland Municipal Electric Utility  
Virginia Division of Consumer Counsel  
Virginia Electric and Power Company  
Virginia Solar 2017 Projects LLC

Virginia State Corporation Commission  
Viribus Fund LP  
Viridian Energy Ohio LLC  
Viridian Energy PA, LLC  
Viridity Energy Solutions Inc.  
Vista Energy Marketing, L.P.  
Vitol, Inc.  
Voltus, Inc.  
Wabash Valley Power Association, Inc.  
Volunteer Energy Services, Inc.  
Walden Renewables Development LLC  
Walnut Ridge Wind, LLC  
Walleye Power, LLC  
Waterford Power, LLC  
Waverly Solar, LLC  
Wellsboro Electric Company  
West Deptford Energy, LLC  
Western Reserve Energy Services, LLC  
West Penn Power Company d/b/a Allegheny Power  
West Virginia Consumer Advocate Division  
WGL Energy Services, Inc.  
Wheelabrator Baltimore, L.P.  
Wheelabrator Falls Inc.  
Wheelabrator Frackville Energy Company, Inc.  
Wheelabrator Gloucester Company, L.P.  
Wheelabrator Portsmouth, Inc.  
Wheeling Power Company  
White Peak Energy LLC  
Whitetail Solar 1, LLC  
Whitetail Solar 2, LLC  
Whitetail Solar 3, LLC  
Whitmore Solar, LL  
Whitney Hill Wind Power, LLC  
Wildcat Wind Farm I, LLC  
Wilkinson Solar LLC  
Willey Battery Utility, LLC  
WinPower LLC  
Wisconsin Power and Light Company  
WM Renewable Energy, LLC  
Wolf Hills Energy, LLC  
Wolf Run Energy LLC  
Wolverine Holdings, L.P.  
Wolverine Power Supply Cooperative, Inc.  
Wolverine Trading, LLC  
WP&G Holdings, LLC  
WPPI Energy

Wrigley Capital LLC  
Wyandot Solar LLC  
XO Energy MA, LP  
XO Energy MA2, LP  
~~XO Energy MA3, LP~~  
Xoom Energy Maryland, LLC  
Xoom Energy New Jersey, LLC  
XOOM Energy Ohio, LLC  
XOOM Energy Washington D.C., LLC  
Xoom Energy, LLC  
Yankee Street, LLC  
Yellow Jacket Energy, LLC  
Yes Energy LLC  
York County Solid Waste and Refuse Authority  
York Generation Company LLC  
York Haven Power Company, LLC  
Zongyi Solar America Co. Ltd.

Section(s) of the  
PJM Reliability Assurance Agreement  
(Marked/Redline Format)



## SCHEDULE 17

### PARTIES TO THE RELIABILITY ASSURANCE AGREEMENT

This Schedule sets forth the Parties to the Agreement:

AEP Energy, Inc.  
AEP Retail Energy Partners LLC  
AES Ohio Generation, LLC  
AES Solutions Management, LLC  
Aggressive Energy LLC  
Agway Energy Services, LLC  
Algonquin Energy Services Inc.  
All American Power and Gas, LLC  
All Choice Mid America LLC dba Raava Energy  
Allegheny Electric Cooperative, Inc.  
Allegheny Energy Supply Company, L.L.C.  
Alpaca Energy LLC  
Alpha Gas and Electric LLC  
Ambit Northeast, LLC  
American Electric Power Service Corporation on behalf of its affiliates:  
    Appalachian Power Company  
    Indiana Michigan Power Company  
    Kentucky Power Company  
    Kingsport Power Company  
    Ohio Power Company  
    Wheeling Power Company.  
American Municipal Power, Inc.  
American Power & Gas of IL, LLC  
American Power & Gas of MD, LLC  
American Power & Gas of NJ, LLC  
American Power & Gas of Ohio, LLC  
American Power & Gas of Pennsylvania, LLC  
American PowerNet Management, L.P.  
American Transmission Systems, Inc.  
AP Gas and Electric (PA), LLC  
APN Starfirst, LP  
Approved Energy II LLC  
Archer Energy, LLC  
Astral Energy LLC  
Atlantic City Electric Company  
Atlantic Energy MD, LLC  
Avangrid Renewables, LLC  
Axp0 U.S. LLC  
Baltimore Gas and Electric Company  
Baltimore Power Company LLC

Barclays Capital Services, Inc  
Batavia, IL (City of)  
BBPC LLC d/b/a Great Eastern Energy  
Blackstone Wind Farm, LLC  
Blue Ridge Power Agency, Inc.  
Borough of Butler, Butler Electric Division  
Borough of Chambersburg  
Borough of Columbia, PA  
Borough of Lavallette, New Jersey  
Borough of Milltown  
Borough of Mont Alto, PA  
Borough of Park Ridge, New Jersey  
Borough of Pemberton  
Borough of Pitcairn, Pennsylvania  
Borough of Seaside Heights, New Jersey  
Borough of South River, New Jersey  
Boston Energy Trading and Marketing LLC  
BP Energy Company  
BP Energy Retail Company LLC  
Brookfield Renewable Energy Marketing US LLC  
BTG Pactual Commodities (US) LLC  
Buckeye Power, Inc.  
Calpine Energy Service, L.P.  
Calpine Energy Solutions, LLC  
Catalyst Power  
Central Virginia Electric Cooperative  
Centre Lane Trading Limited  
Champion Energy Marketing LLC  
Champion Energy, LLC  
Choice Energy, LLC dba 4 Choice Energy, LLC  
Citigroup Energy Inc.  
Citizens' Electric Company of Lewisburg, PA  
City of Cleveland, Department of Public Utilities, Division of Cleveland Public Power  
City of Dover, Delaware  
City of New Martinsville - WV  
City of Rochelle  
CleanChoice Energy, Inc.  
Clearview Electric, Inc.  
Cleveland Electric Illuminating Company  
Click Energy, LLC  
CMS Resource Management Company  
Collegiate Clean Energy, LLC  
Commonwealth Edison Company  
ConocoPhillips Company  
Constellation Energy Generation, LLC  
Constellation NewEnergy, Inc.

Convanta Energy Marketing LLC  
CPV Retail Energy LP  
Current Energy and Renewables Inc.  
David Energy Supply, LLC  
Dayton Power & Light Company (The)  
DC Energy LLC  
Delaware Municipal Electric Corporation  
Delmarva Power & Light Company  
Denver Energy, LLC  
Devonshire Energy LLC  
~~Diamond Energy East, LLC~~  
Direct Energy Business, LLC  
~~Direct Energy Business Marketing, LLC~~  
Direct Energy Services, LLC  
Discount Power, Inc.  
DPL Energy Resources, Inc.  
DTE Atlantic, LLC  
DTE Energy Trading, Inc.  
Duke Energy Kentucky, Inc.  
Duke Energy Ohio, Inc.  
Duquesne Light Company  
Duquesne Light Energy, LLC  
DXT Commodities North America Inc.  
Dynegy Energy Services, LLC  
Dynegy Marketing and Trade, LLC  
East Kentucky Power Cooperative, Inc.  
Easton Utilities Commission  
EcoPlus Power, LLC  
EDF Trading North America, LLC  
Eligio Energy, LLC  
Enel Trading North America, LLC  
Energetix, Inc.  
Energo Power & Gas LLC dba Energo  
Energy Cooperative Association of Pennsylvania (The)  
Energy Cooperative of America, Inc.  
Energy Harbor LLC  
EnergyMark, LLC  
Energy Plus Holdings LLC  
Energy Services Providers, Inc.  
Energy Technology Savings, Inc.  
Energy Transfer Retail Power, LLC  
EnerPenn USA, LLC  
Engie Energy Marketing NA, Inc.  
EnPowered USA Inc.  
Evergreen Gas & Electric, LLC  
Everyday Energy, LLC

First Point Power, LLC  
Freepoint Energy Solutions LLC  
Front Royal (Town of)  
Galt Power Inc.  
GenOn Power Midwest, LP  
Gerdau Ameristeel Energy, Inc.  
Great American Gas & Electric, LLC  
Great American Power, LLC  
Greenlight Energy Inc.  
Green Mountain Energy Company  
Grid Power Direct, LLC  
Hagerstown Light Department  
Harborside Energy, LLC  
Harrison REA, Inc. - Clarksburg, WV  
Hartee Parnters, LP  
Holcim (US) Inc.  
Hoosier Energy REC, Inc.  
Horizon Power and Light LLC  
Hudson Energy Services, LLC  
IDT Energy, Inc.  
Illinois Municipal Electric Agency  
Illinois Power Marketing Company  
Inspire Energy Holdings, LLC  
Interstate Gas Supply, LLC  
J.P. Morgan Ventures Energy Corporation  
Jack Rich, Inc. d/b/a Anthracite Power & Light Company  
J. Aron & Company LLC  
Jersey Central Power & Light Company  
Josco Energy USA, LLC  
Just Energy Limited  
Just Energy Solutions Inc.  
Kentucky Municipal Energy Agency  
Kiwi Energy NY LLC  
Kuehne Chemical Company, Inc.  
L & P Electric Inc., d/b/a Leggett & Platt Electric Inc.  
Land O'Lakes, Inc.  
~~Lower Electric, LLC~~  
Macquarie Cook Energy LLC  
Major Energy Electric Services LLC  
MC Squared Energy Services, LLC  
Meadow Lake Wind Farm LLC  
Meadow Lake Wind Farm II LLC  
Meadow Lake Wind Farm III LLC  
Meadow Lake Wind Farm IV LLC  
MeadWestvaco Corporation  
Median Energy Corp.

Median Energy PA LLC  
Mega Energy Holdings, LLC  
Mercuria Energy America, Inc.  
Messer Energy Services, Inc.  
MeterGenius Inc.  
Metropolitan Edison Company  
MidAmerican Energy Company  
MidAmerican Energy Services, LLC  
Morgan Stanley Capital Group, Inc.  
Morgan Stanley Services Group Inc.  
MP2 Energy NE, LLC dba Shell Energy Solutions  
MPower NJ LLC  
National Gas & Electric, LLC  
NextEra Energy Marketing, LLC  
Nextera Energy Services New Jersey, LLC  
Nextera Energy Services, Illinois, LLC  
Nordic Energy Services LLC  
North American Power and Gas LLC.  
North Carolina Electric Membership Corporation  
North Carolina Municipal Power Agency Number 1  
Northeastern REMC  
Northern States Power Company  
Northern Virginia Electric Cooperative – NOVEC  
[NRG Business Marketing LLC](#)  
NRG Power Marketing, L.L.C.  
nTherm, LLC  
Octopus Energy LLC  
Ohio Edison Company  
Ohio Valley Electric Corporation  
Old Dominion Electric Cooperative  
Palmco Power DC, LLC  
PALMco Power DE, LLC  
Palmco Power IL, LLC  
Palmco Power MD, LLC  
Palmco Power NJ, LLC  
Palmco Power PA, LLC  
PALMco Power VA, LLC  
Park Power LLC  
Pay Less Energy, LLC  
PBF Power Marketing LLC  
PECO Energy Company  
Pennsylvania Electric Company  
Pennsylvania Grain Processing LLC  
Pennsylvania Power Company  
PEPCO Energy Services, Inc.  
Pinnacle Power LLC

Plymouth Rock Energy, LLC  
Polaris Power Services LLC  
Potomac Electric Power Company  
Power UP Energy, LLC  
Powervine Energy, LLC  
PPL Electric Utilities Corporation d/b/a PPL Utilities  
Prairieland Energy, Inc.  
Provision Power and Gas, LLC  
PSEG Energy Resources & Trade LLC  
PSEG Energy Solutions LLC  
Public Service Electric and Gas Company  
Pure Energy USA IL, LLC  
Pure Energy USA, LLC  
Realgy, LLC  
Red Oak Power, LLC  
Renaissance Power & Gas, Inc.  
ResCom Energy, LLC  
Residents Energy, L.L.C.  
Respond Power LLC  
Riverside Generating Company, LLC  
Rolling Hills Generating, LLC  
RPA Energy, Inc.  
Rushmore Energy, LLC (new)  
RWE Clean Energy Solutions, Inc.  
~~RWE Clean Energy Wholesale Services, Inc.~~  
S.J. Energy Partners, Inc.  
Santanna Energy Services  
Seward Generation, LLC  
SFE Energy, Inc.  
Shipley Choice LLC  
Smartest Energy US LLC  
Solios Power Mid-Atlantic Trading LLC  
South Bay Energy Corp.  
South Jersey Energy Company  
Southeastern Power Administration  
Southern Indiana Gas & Electric  
Southern Maryland Electric Cooperative, Inc.  
Spark Energy, LLC  
Spartacus Energy Services LLC  
Spring Energy RRH, LLC dba Spring Power & Gas  
Standard Gas & Electric, LLC  
Stream Energy Columbia, LLC  
Stream Energy Delaware, LLC  
Stream Energy Illinois, LLC  
Stream Energy Maryland, LLC  
Stream Energy New Jersey, LLC

Stream Energy Pennsylvania, LLC  
Stream Ohio Gas & Electric, LLC  
Summer Energy Midwest, LLC  
SunSea Energy LLC  
Talen Energy Marketing, LLC  
Tenaska Power Services Co.  
Texas Retail Energy, LLC  
Think Energy, LLC  
Thurmont Municipal Light Company  
Titan Gas and Power  
Toledo Edison Company (The)  
Tomorrow Energy Corp  
Town of Berlin, Maryland  
Town of Williamsport  
Town Square Energy East, LLC  
TransAlta Energy Marketing (U.S.) Inc.  
TransCanada Power Marketing Ltd.  
Tri-County Rural Electric Cooperative, Inc.  
TriEagle Energy, LP  
Trustees of the University of Pennsylvania  
Twin Eagle Resource Management, LLC  
UGI Energy Services, LLC  
UGI Utilities, Inc. - Electric Division  
Verde Energy USA DC, LLC  
Verde Energy USA Illinois, LLC  
Verde Energy USA Maryland, LLC  
Verde Energy USA Ohio, LLC  
Verde Energy USA, Inc.  
Vineland Municipal Electric Utility (City of Vineland)  
Virginia Electric & Power Company  
Viridian Energy PA LLC  
Viridian Energy Ohio LLC  
Vista Energy Marketing, L.P.  
Volunteer Energy Services, Inc.  
Wabash Valley Power Association, Inc.  
Wellsboro Electric Company  
West Penn Power Company d/b/a Allegheny Power  
WGL Energy Services, Inc.  
Wolverine Holdings, L.P.  
Wolverine Power Supply Cooperative, Inc.  
Xoom Energy Maryland, LLC  
Xoom Energy New Jersey, LLC  
XOOM Energy Ohio, LLC  
Xoom Energy, LLC  
York Generation Company, LLC

## **Attachment B**

Revisions to the PJM Operating Agreement and  
PJM Reliability Assurance Agreement  
(Clean Format)



Section(s) of the  
PJM Operating Agreement  
(Clean Format)

**SCHEDULE 12 -  
PJM MEMBER LIST**

7 Bridges Solar, LLC  
AC Energy, LLC  
Acciona Energy North America Corporation (AENAC)  
ACT Commodities Inc.  
Advanced Energy Economy Inc.  
AEP Appalachian Transmission Company, Inc.  
AEP Energy Partners, Inc.  
AEP Energy, Inc.  
AEP Indiana Michigan Transmission Company, Inc.  
AEP Kentucky Transmission Company, Inc.  
AEP Ohio Transmission Company, Inc.  
AEP Retail Energy Partners, LLC  
AEP West Virginia Transmission Company, Inc.  
AES Energy Storage, LLC  
AES ES Holdings, LLC  
Aesir Power, LLC  
AES Integrated Energy, LLC  
AES Laurel Mountain, LLC  
AES Ohio Generation, LLC  
AES Solutions Management, LLC  
AEUG Madison Solar, LLC  
Affirmed Energy LLC  
Aggressive Energy LLC  
Agile Energy Trading LLC  
Agway Energy Services, LLC  
Air Products & Chemicals, Inc.  
Alabama Power Company  
Alameda Solar I, LLC  
Alegria Fund, LP  
Algonquin Energy Services, Inc.  
All American Power and Gas, LLC  
All Choice Energy MidAmerica LLC dba Raava Energy  
Allegheny Electric Cooperative, Inc.  
Allegheny Energy Supply Company, LLC  
ALLETE, Inc. d/b/a Minnesota Power  
Alliant Energy Corporate Services, Inc.  
Alliant Energy Resources, LLC  
Alpaca Energy LLC  
Alpha Gas and Electric, LLC  
Alphataraxia Palladium LLC  
Alternative Transmission Inc.  
Altop Energy Trading LLC  
Altop Energy Trading MidAtlantic LLC

Altrock LLC  
Altro Power LLC  
Altus Power, Inc.  
Amazand, LLC  
Amazon Energy LLC  
Ambit Northeast, LLC  
American Municipal Power, Inc.  
American Power & Gas of IL, LLC  
American Power & Gas of MD, LLC  
American Power & Gas of NJ, LLC  
American Power & Gas of Ohio, LLC  
American Power & Gas of Pennsylvania, LLC  
American PowerNet Management, L.P.  
American Transmission Systems Inc.  
Ames Energy, LLC  
AMP Transmission, LLC  
Anbaric Development Partners, LLC  
AM Trading Solutions, LLC  
AP Gas & Electric (IL), LLC  
AP Gas & Electric (MD), LLC  
AP Gas & Electric (OH), LLC  
AP Gas and Electric (NJ), LLC  
AP Gas and Electric (PA), LLC  
APN Starfirst, LP  
Apogee Energy Trading LLC  
Appalachian Power Company  
Appian Way Energy Partners MidAtlantic, LLC  
Approved Energy II LLC  
Aquenergy Systems LLC  
Archer Energy, LLC  
Armada Power, LLC  
Armenia Mountain Wind, LLC  
Aspen Generating, LLC  
Aspen Gen Funding, LLC  
Aspire Power Ventures, LP  
Associated Electric Cooperative, Inc.  
Astral Energy LLC  
Atlantic City Electric Company  
Atlantic Energy MD, LLC  
ATNV Energy, LP  
Aurora Energy Research LLC  
Automated Algorithms, LLC  
Avangrid Networks, Inc.  
Avangrid Renewables, LLC  
Axpo U.S. LLC  
Baltimore Gas and Electric Company

Baltimore Power Company LLC  
Bancroft Energy LLC  
Barclays Capital Services Corporation  
Bath County Energy, LLC  
Battery Utility of Ohio, LLC  
Bazinga, LLC  
Beaver Dam Energy LLC  
Beech Ridge Energy LLC  
Beech Ridge Energy II LLC  
Beech Ridge Energy Storage LLC  
Bellflower Solar 1, LLC  
Bernards Solar, LLC  
BIF II Safe Harbor Holding LLC  
BIF III Holtwood LLC  
Big Bend Trading, LLC  
Big Level Wind LLC  
Big Plain Solar, LLC  
Big Rivers Electric Corporation  
Big Sandy Peaker Plant, LLC  
Big Sky Wind, LLC  
Birchwood Power Partners, L.P.  
Birdsboro Power LLC  
Bishop Hill Energy LLC  
BITH Solar I, LLC  
Bitter Ridge Wind Farm, LLC  
BJ Energy, LLC  
Black Oak Capital, LLC  
Blackout Power Trading Inc.  
Black Rock Wind Force, LLC  
Blackstone Wind Farm II, LLC  
Blackstone Wind Farm, LLC  
Blooming Grove Wind Energy Center LLC  
Blossom Solar, LLC  
Blue Harvest Solar Park LLC  
Blue Ridge Power Agency, Inc.  
Borough of Butler, Butler Electric Division  
Borough of Chambersburg  
Borough of Columbia, PA  
Borough of Lavallette, New Jersey  
Borough of Madison, New Jersey  
Borough of Milltown  
Borough of Mont Alto  
Borough of Park Ridge, New Jersey  
Borough of Pemberton  
Borough of Pitcairn, Pennsylvania  
Borough of Seaside Heights

Borough of South River, New Jersey  
Boston Energy Group, Inc.  
Boston Energy Trading and Marketing LLC  
Bowfin KeyCon Energy, LLC  
Bowfin KeyCon Power, LLC  
BP Alternative Energy North America Inc.  
BP Energy Company  
BP Energy Retail Company LLC  
BP Energy Holding Company LLC  
Brandon Shores LLC  
BREG Aggregator LLC  
Brick Standard LLC  
Brookfield Power Piney & Deep Creek LLC  
Brookfield Renewable Energy Marketing US LLC  
Brookfield Renewable Trading and Marketing LP  
Brunner Island, LLC  
Buckeye Power, Inc.  
Caden Energix Axton LLC  
Calpine Bethlehem, LLC  
Calpine Energy Services, L.P.  
Calpine Energy Solutions, LLC  
Calpine Mid Atlantic Marketing, LLC  
Calvert Cliffs Nuclear Power Plant, LLC  
Cambria Wind LLC  
Camden Plant Holding, L.L.C.  
Camden Solar LLC  
Camp Grove Wind Farm, LLC  
Capacity Markets Partners, LLC  
Cape May County Municipal Utilities Authority  
Carolina Power Partners, LLC  
Carroll County Energy LLC  
Castleton Commodities Merchant Trading L.P.  
Catalyst Power & Gas LLC  
CCI U.S. Power Trading LLC  
Central Electric Power Cooperative, Inc.  
Central Transmission, LLC  
Central Virginia Electric Cooperative  
Centre Lane Trading Limited  
Champion Energy, LLC  
Champion Energy Marketing LLC  
Champion Energy Services, LLC  
Chesapeake Transmission LLC  
Chief Conemaugh Power, LLC  
Chief Conemaugh Power II, LLC  
Chief Keystone Power, LLC  
Chief Keystone Power II, LLC

Choice Energy, LLC dba 4 Choice Energy, LLC  
Cinnamon Bay, LLC  
Citadel FNGE Ltd.  
Citigroup Energy Inc.  
Citizens' Electric Company of Lewisburg, PA  
City of Batavia, Illinois  
City of Cleveland, Department of Public Utilities, Division of Cleveland Public Power  
City of Dover, Delaware  
City of Geneva (The)  
City of Hamilton  
City of Rochelle  
City Power & Gas, LLC  
CleanChoice Energy, Inc.  
Clean Energy Future – Lordstown, LLC  
Clearview Electric Inc.  
Clearview Solar I, LLC  
Cleveland-Cliffs Steel Corporation  
Cleveland-Cliffs Steel LLC  
Cleveland Electric Illuminating Company  
Click Energy, LLC  
CL-Viaduct Holding LLC  
CMS Energy Resource Management Company  
Comity Inc.  
Coaltrain Energy LP  
Coastal Strategies, LLC  
COI Energy Services, Inc.  
Collegiate Clean Energy, LLC  
Commonwealth Chesapeake Company, LLC  
Commonwealth Edison Company  
Community Energy, Inc.  
ConocoPhillips Company  
Consolidated Edison Company of New York, Inc.  
Constellation Energy Generation, LLC  
Constellation NewEnergy, Inc.  
Consumer Protection and Advocate Division of the Tennessee Attorney General  
Consumers Energy Company  
Convergent Energy and Power LP  
Cordova Energy Company LLC  
Cork Oak Solar LLC  
Cornerstone Gas, L.L.C.  
Corona Power LLC  
Cottontail Solar 1, LLC  
Cottontail Solar 2, LLC  
Cottontail Solar 3, LLC  
Cottontail Solar 4, LLC  
Cottontail Solar 5, LLC

Cottontail Solar 6, LLC  
Cottontail Solar 7, LLC  
Cottontail Solar 8, LLC  
County of Frederick, VA  
Covanta Energy Marketing LLC  
Covanta Union, LLC  
CP Energy Marketing (US) Inc.  
CPV Backbone Solar, LLC  
CPV Fairview, LLC  
CPV Keasbey, LLC  
CPV Maple Hill Solar, LLC  
CPV MARYLAND, LLC  
CPV Power Holdings, LP  
CPV Retail Energy LP  
CPV Shore, LLC  
CPV Three Rivers, LLC  
CPV Rogue's Wind, LLC  
Crescent Ridge LLC  
Crete Energy Venture, LLC  
Crossroads Solar I, LLC  
Cube Hydro Partners, LLC  
Current Energy and Renewables Inc.  
Customized Energy Solutions, Ltd.  
CWP Energy Inc.  
Cypress Creek Renewables, LLC  
Danske Commodities US LLC  
Darby Energy, LLLP  
Darby Power, LLC  
Dart Container Corporation of Pennsylvania  
David Energy Supply, LLC  
Dayton Power & Light Company (The)  
DC Energy LLC  
DC Energy Mid-Atlantic, LLC  
DCO Energy, LLC  
Decatur Energy Center, LLC  
Delaware Division of the Public Advocate  
Delaware Municipal Electric Corporation  
Delmarva Power & Light Company  
Denver Energy, LLC  
Devonshire Energy, LLC  
Diamond State Generation Partners, LLC  
Direct Energy Business, LLC  
Direct Energy Services, LLC  
Discount Power, Inc.  
Divine Power, Inc.  
Dominion Energy Generation Marketing, Inc.

Dominion Energy South Carolina, Inc.  
Domtar Paper Company, LLC  
Doral Renewables LLC  
Doswell Limited Partnership  
DPL Energy Resources, LLC  
Drake Power, LLC  
DTE Atlantic, LLC  
DTE Energy Trading, Inc.  
DTN, LLC  
Duke-American Transmission Company, LLC  
Duke Energy Business Services, LLC  
Duke Energy Carolinas, LLC  
Duke Energy Florida, LLC  
Duke Energy Kentucky, Inc.  
Duke Energy Ohio, Inc.  
Duke Energy Progress, LLC  
Duke Energy Renewable Services, LLC  
Duquesne Light Company  
Duquesne Light Energy, LLC  
Duquesne Power LLC  
DV Trading, LLC  
DXT Commodities North America Inc.  
Dynamix Energy Services Company, LLC  
Dynasty Energy California Inc.  
Dynasty Power Inc.  
Dynergy Energy Services, LLC  
Dynergy Marketing and Trade, LLC  
Dynergy Power Marketing, LLC  
Eagle Creek Hydro Holdings, LLC  
Eagle Point Power Generation LLC  
East Coast Power Linden Holdings L.L.C.  
Eastern Generation, LLC  
Eastern Shore Solar LLC  
East Kentucky Power Cooperative, Inc.  
Easton Utilities Commission  
Ebensburg Power Company  
eCap Network, LLC  
EcoGrove Wind, LLC  
EcoPlus Power, LLC  
EDF Trading North America, LLC  
Edgecombe Solar LLC  
EDP Renewables North America, LLC  
EF Kenilworth LLC  
EFS Parlin Holdings, LLC  
Electranet REP I, LLC  
Elgin Energy Center, LLC



Eligo Energy, LLC  
Elk Hill Solar 1, LLC  
Elk Hill Solar 2, LLC  
Elk Run Storage LLC  
Elliot Bay Energy Trading, LLC  
Elmagin Power Fund LLC  
Elm Line LLC  
Elmwood Park Power, LLC  
Elwood Energy LLC  
Emera Energy Services, Inc.  
Emporia Hydropower Limited Partnership  
Endurance Energy Midwest LLC  
Enel Green Power Hilltopper Wind, LLC  
Enel Trading North America, LLC  
Enel X North America, Inc.  
Energio Power & Gas LLC dba Energio  
Energy Authority, Inc. (The)  
Energy Center Dover LLC  
Energy Cooperative Association of Pennsylvania  
Energy Cooperative of America, Inc.  
Energy Harbor LLC  
EnergyMark, LLC  
Energy Plus Holdings LLC  
Energy Power Investment Company, LLC  
Energy Service Providers, Inc.  
Energy Technology Savings, Inc.  
Energy Transfer Retail Power, LLC  
EnerPenn USA, LLC  
Enerwise Global Technologies, LLC  
Engelhart CTP (US) LLC  
ENGIE Energy Marketing NA, Inc.  
ENGIE Power & Gas LLC  
ENGIE Resources LLC  
EnPowered USA Inc.  
Entergrid Fund I LLC  
EPP Renewable Energy, LLC  
ESC Harrison County Power, LLC  
Essential Power OPP, LLC  
Essential Power Rock Springs, LLC  
ETC Endure Energy L.L.C.  
Evergreen Gas & Electric, LLC  
Eversource Kansas Central, Inc.  
Eversource Metro, Inc.  
Everyday Energy, LLC  
Exelon Business Services Company, LLC  
Fairless Energy, L.L.C.

Fantods LLC  
Fermata Energy, LLC  
Fern Solar LLC  
First Point Power, LLC  
FiTran Fund LP  
Five Elements Energy LLC  
Five Forks Solar, LLC  
Florida Power & Light Company  
Forest Investment Group, LLC  
Forked River Power LLC  
Fowler Ridge Wind Farm LLC  
Fowler Ridge II Wind Farm LLC  
Fowler Ridge IV Wind Farm LLC  
Foxhound Solar, LLC  
FP East Capital Partners LLC  
Franklin Power LLC  
Frasier Solar, LLC  
Freepoint Commodities LLC  
Freepoint Energy Solutions LLC  
Fresh Air Energy XVIII, LLC  
Fresh Air Energy XXXV, LLC  
G&G Energy, Inc.  
G&S Wantage Solar, LLC  
Galilean Electricae LLC  
Gallus Capital LLC  
Galt Power, Inc.  
Gavin Power, LLC  
GBE Energy Marketing Inc.  
GDF SUEZ Energy Resources NA, Inc.  
Geenex Solar LLC  
Gen IV Investment Opportunities, LLC  
GenOn Energy Management, LLC  
GenOn Mid-Atlantic, LLC  
GenOn Power Midwest, LP  
GenOn REMA, LLC  
Gen Ops, LLC  
Geodesic 2 LLC  
Georgia Power Company  
Gerdau Ameristeel Energy, Inc  
GlidePath Power Operations LLC  
Goldin LLC  
Grand Ridge Energy LLC  
Grand Ridge Energy II LLC  
Grand Ridge Energy III LLC  
Grand Ridge Energy IV LLC  
Grand Ridge Energy Storage, LLC

Grange Solar, LLC  
Granger Energy of Honey Brook, LLC  
Grantham Energy Corporation  
Grasshopper Energy LLC  
Grays Ferry Cogeneration Partnership  
Great American Gas & Electric, LLC  
Great American Power, LLC  
Great Barrington Energy Fund LP  
Great Cove Solar I LLC  
Great Cove Solar II LLC  
Great Falls Hydroelectric Company Limited Partnership  
Green Energy NE LLC  
Greenlight Energy Inc.  
Green Mountain Energy Company  
Green River Holdings, LLC  
Greenville County Solar Project, LLC  
GRG ENERGY LLC  
GridBeyond US, LLC  
Gridforce Energy Management, LLC  
Gridmatic Inc.  
Gridmatic Panicum LLC  
Grid Power Direct, LLC  
Group628, LLC  
GSG, LLC  
GSG 6, LLC  
Guernsey Power Station LLC  
Guidehouse Inc.  
Gunvor USA LLC  
Guzman Energy LLC  
H.A. Wagner LLC  
H.Q. Energy Services (U.S.), Inc.  
Hagerstown Light Department  
Half Moon Ventures, LLC  
Hamilton Liberty LLC  
Hamilton Patriot LLC  
Hammond Solar, LLC  
Handsome Lake Energy, LLC  
Harborside Energy, LLC  
Hardin Solar Energy LLC  
Hardin Wind LLC  
Harrison REA, Inc. – Clarksburg, WV  
Hartree Partners, LP  
Harts Mill Solar, LLC  
Harvey Solar I, LLC  
Hawks Nest Hydro LLC  
Hazle Spindle, LLC

Hazleton Generation LLC  
HD Project One, LLC  
Headwaters Wind Farm LLC  
Headwaters Wind Farm II LLC  
Hecate Energy Highland LLC  
Helix Ironwood, LLC  
Hemlock Solar, LLC  
Hemsworth Capital LP  
Hemsworth Capital Midwest LP  
Heritage Power Marketing, LLC  
Hexis Energy Trading, LLC  
Hickory Run Energy, LLC  
Highland North LLC  
High Point Solar LLC  
High Trail Wind Farm LLC  
Hillcrest Solar I, LLC  
Hill Top Energy Center, LLC  
Holcim (US), Inc.  
Holocene Finance, LLC  
Homer City Generation, LP  
Hoosier Energy REC, Inc.  
Horizon Power and Light, LLC  
H-P Energy Resources, LLC  
Hudson Energy Services LLC  
Hudson Transmission Partners, LLC  
Hummel Station, LLC  
HXNAir Solar One, LLC  
Icetec.com, Inc.  
Icetec Energy Services, Inc.  
IDT Energy, Inc.  
IHG Core Holdings, Ltd.  
IHS Global Inc.  
Illinois Citizens Utility Board  
Illinois Municipal Electric Agency  
Illinois Power Marketing Company  
IMG Midstream LLC  
In Commodities US LLC  
Indeck Niles, LLC  
Independence Energy Group, LLC  
Independent Energy Consultants, Inc.  
Indiana Michigan Power Company  
Indiana Municipal Power Agency  
Indiana Office of Utility Consumer Counselor (IN OUCC)  
Inerci Capital Inc.  
Inertia Power I, LLC  
Ingenco Wholesale Power, LLC

Innergex Renewable USA LLC  
Innoventive Power LLC  
Inspire Energy Holdings, LLC  
Intelligent Generation LLC  
International Paper Company  
Interstate Gas Supply, LLC  
Interstate Power and Light Company  
Invenergy Energy Management LLC  
Invenergy LLC  
Invenergy Nelson Expansion LLC  
Invenergy Nelson LLC  
IPKeys Power Partners, Inc.  
IR Energy Management LLC  
ISO 1, LLC  
ITC Mid-Atlantic Development LLC  
Jack Rich, Inc. d/b/a Anthracite Power & Light Company  
Jackson Generation, LLC  
Jane Street Energy Trading, LLC  
Janus Power LLC  
J. Aron & Company LLC  
Jersey-Atlantic Wind, LLC  
Jersey Central Power & Light Company  
Jersey Green Energy, LLC  
Josco Energy IL LLC  
Josco Energy USA, LLC  
JP Morgan Ventures Energy Corporation  
Jupiter Power LLC  
Just Energy Limited  
Just Energy Solutions Inc.  
KDC Solar Green Power LLC  
Kendall Power Company LLC  
Keni Energy LLC  
Kentucky Municipal Energy Agency  
Kentucky Power Company  
Kestrel Acquisition, LLC  
KeyCon Power Holdings LLC  
Keystone Appalachian Transmission Company  
Keystone-Conemaugh Projects, LLC  
KeyTex Energy LLC  
KeyTex Energy Solutions LLC  
KFW Energy, LLC  
Kimberly-Clark Corporation  
Kincaid Generation, LLC  
Kingsport Power Company  
Kiwi Energy NY LLC  
KMC Thermo, LLC

KOREnergy, Ltd.  
Kuehne Chemical Company, Inc.  
kWantix Trading Fund I,LP  
L&P Electric Inc., d/b/a Leggett & Platt Electric Inc.  
Lackawanna Energy Center LLC  
Lafayette Power LLC  
Lancaster County Solid Waste Management Authority  
Landaj Investment, LLC  
Land O'Lakes, Inc.  
Lantar Energy LLC  
Lawrenceberg Power, LLC  
Lanyard Power Holdings, LLC  
LCP Energy LP  
Leapfrog Power, Inc.  
Lee County Generating Station, LLC  
Leeward Asset Management, LLC  
Legacy Energy Group, LLC (The)  
Lehigh Portland Cement Company  
Letterkenny Industrial Development Authority – PA  
Lexington Chenoa Wind Farm LLC  
Liberty Electric Power, LLC  
Liberty Madison Storage LLC  
Lightstone Marketing LLC  
Lily Pond Solar, LLC  
Lincoln Generating Facility, LLC  
Linden VFT LLC  
LM Power, LLC  
LMBE Project Company LLC  
Lone Tree Wind, LLC  
Long Island Lighting Company d/b/a LIPA  
Long Ridge Energy Generation LLC  
Longview Power, LLC  
Louisville Gas and Electric Company/Kentucky Utilities Company  
LQA, LLC  
LSP University Park, LLC  
LTSTE Investments, LLC  
Lyons Solar, LLC  
Macquarie Energy LLC  
Macquarie Energy Trading LLC  
MAG Energy Solution, Inc.  
Mahoning Creek Hydroelectric Company, LLC  
Major Energy Electric Services, LLC  
Manatee Transmission LLC  
Maple Analytics, LLC  
Marginal Unit, Inc.  
Marina Energy, LLC

Martins Creek, LLC  
Marubeni Power International, Inc.  
Maryland Office of People's Counsel  
Maryland Solar LLC  
MC Project Company LLC  
MC Squared Energy Services, LLC  
Meadow Lake Wind Farm, LLC  
Meadow Lake Wind Farm II, LLC  
Meadow Lake Wind Farm III, LLC  
Meadow Lake Wind Farm IV, LLC  
Meadow Lake Wind Farm V, LLC  
Meadow Lake Wind Farm VI LLC  
MeadWestvaco Corporation  
Median Energy Corp.  
Median Energy IL LLC  
Median Energy PA LLC  
Mega Energy of Illinois, LLC  
Mehoopany Wind Energy LLC  
Mendota Hills, LLC  
Mercuria Energy America, LLC  
Mercuria SJAK Trading, LLC  
Merrill Lynch Commodities, Inc.  
Messer LLCsouth  
Messer Energy Services, Inc.  
MeterGenius, Inc.  
Metropolitan Edison Company  
MFT Energy US 1 LLC  
Miami Valley Lighting, LLC  
Mianus River Energy, LLC  
Michigan Department of Attorney General, Environment, Natural Resources & Agriculture  
Division  
Michigan Public Power Agency  
MidAmerican Energy Company  
MidAmerican Energy Services, LLC  
Mid-Atlantic Interstate Transmission, LLC  
MidAtlantic Power Partners, LLC  
Middlesex County Utilities Authorities  
Midwest Energy Trading East LLC  
Midwest Generation, LLC  
Milan Energy LLC  
Milford Solar LLC  
Mississippi Power Company  
Mitsui Bussan Commodities Ltd.  
Mitsui & Co. Energy Marketing and Services (USA), Inc.  
Monongahela Power Company d/b/a Allegheny Power  
Monterey MA LLC

Montour, LLC  
Montpelier Generating Station, LLC  
Monument Generating Station, LLC  
Morgan Stanley Capital Group Inc.  
Morgan Stanley Services Group Inc.  
Morris Cogeneration, L.L.C  
Mosaic Power, LLC  
Moundsville Power, LLC  
Moxie Freedom LLC  
MP2 Energy LLC  
MP2 Energy NE LLC dba Shell Energy Solutions  
MPCF I, LLC  
MPower Energy NJ LLC  
Mt. Carmel Cogen, Inc.  
National Gas & Electric, LLC  
Nautilus Power, LLC  
Nautilus Solar Energy, LLC  
NDC Partners, LLC  
NedPower Mount Storm, LLC  
NEPM II, LLC  
Neptune Regional Transmission System, LLC  
Newark Energy Center, LLC  
New Covert Generating Company, LLC  
New Creek Wind LLC  
New Jersey Division of the Ratepayer Advocate  
New Jersey Transit Corporation  
New Wave Energy, LLC  
New York Power Authority  
New York State Electric & Gas Corporation  
Newark Bay Cogeneration Partnership, L.P.  
New Road Power, LLC  
NextEra Energy Bluff Point, LLC  
NextEra Energy Marketing, LLC  
NextEra Energy Services Illinois, LLC  
NextEra Energy Services New Jersey, LLC  
NextEra Energy Transmission, LLC  
NextEra Energy Transmission MidAtlantic Indiana, Inc.  
NextPower III US Holdco Inc.  
Nexus Energy Inc.  
NG Renewables Energy Marketing, LLC  
NJR Clean Energy Ventures Corporation  
NJR Clean Energy Ventures II Corporation  
NJR Clean Energy Ventures III Corporation  
Nodal Exchange, LLC  
Nordic Energy Services LLC  
North 301 Solar, LLC



North American Power and Gas, LLC  
North Carolina Electric Membership Corporation  
North Carolina Municipal Power Agency Number 1  
North Hanover Solar W2-082, LLC  
Northampton Generating Company, L.P.  
Northeastern REMC  
Northeast Maryland Waste Disposal Authority  
Northern Illinois Municipal Power Agency  
Northern Indiana Public Service Company  
Northern States Power Company  
Northern Virginia Electric Cooperative - NOVEC  
NorthPoint Energy Solutions, Inc.  
Northstar Trading Ltd.  
Northwest Ohio Wind, LLC  
NRG Business Marketing LLC  
NRG Curtailment Solutions, Inc.  
NRG Power Marketing, LLC  
NRGStream LLC  
NTE Ohio, LLC  
nTherm, LLC  
NuEnergen, LLC  
Oak Trail Solar, LLC  
OCI Solar Power, LLC  
Octopus Energy LLC  
Office of the Attorney General, Kentucky  
Office of the People's Counsel for the District of Columbia  
O.H. Hutchings CT, LLC  
Ohio Consumer's Counsel  
Ohio Edison Company  
Ohio Power Company  
Ohio Valley Electric Corporation  
Old Dominion Electric Cooperative  
Old Mission Energy Trading LLC  
Olympus Power, LLC  
One Energy Enterprises LLC  
Ontario Power Generation Energy Trading, Inc.  
Ontario Power Generation Inc.  
Ontelaunee Power Operating Company, LLC  
Open Road Renewables, LLC  
Oregon Clean Energy, LLC  
Orennia US LLC  
Orsted Onshore North America, LLC  
Osaka Gas USA Corporation  
Owensboro Municipal Utilities  
Oxbow Creek Energy LLC  
Pacific Summit Energy LLC

Palladium Energy, LLC  
Palm Energy LLC  
Palmco Power DC, LLC  
PALMco Power DE, LLC  
Palmco Power IL, LLC  
Palmco Power MD, LLC  
Palmco Power NJ, LLC  
Palmco Power PA, LLC  
PALMco Power VA, LLC  
Panther Creek Power Operating, LLC  
Park Power LLC  
Parkway Generation Operating LLC  
PATH Allegheny Transmission Company, LLC  
PATH West Virginia Transmission Company, LLC  
Patton Wind Farm, LLC  
Paulding Wind Farm II LLC  
Paulding Wind Farm III LLC  
Paulding Wind Farm IV LLC  
Pay Less Energy, LLC  
PBF Power Marketing, LLC  
Peak Energy Capital LP  
Peakstone Energy, LLC  
PECO Energy Company  
Pedricktown Cogeneration Company LP  
Pegasus Energy Futures LLC  
PEI Power LLC  
PEI Power II, LLC  
Peninsula Power, LLC  
Penncat Corporation  
Pennoni Associates Inc.  
Pennsylvania Electric Company  
Pennsylvania Grain Processing LLC  
Pennsylvania Office of Consumer Advocate  
Pennsylvania Power Company  
Pennsylvania Renewable Resources, Associates  
Perast Fund LP  
Pharentram Energy Services, Ltd.  
Philadelphia Energy Solutions Refining and Marketing LLC  
Phillips 66 Energy Trading LLC  
Piedmont Energy Fund, L.P.  
Pine Gate Mid-Atlantic, LLC  
Pinesburg Solar LLC  
Pinnacle Power LLC  
Pixelle Specialty Solutions LLC  
Plains Solar, LLC  
Plant-E Corp.

Polaris Power Services LLC  
Potomac Edison Company (The) d/b/a Allegheny Power  
Potomac Electric Power Company  
Potomac Energy Center, LLC  
Power Analytics Software, Inc.  
Power Engineers, Incorporated  
Power Supply Services, LLC  
Power Up Energy, LLC  
Powervine Energy, LLC  
PPL Electric Utilities Corporation dba PPL Utilities  
Prairieland Energy, Inc.  
Praxair, Inc.  
Precept Power LLC  
Procter & Gamble Paper Products Company (The)  
Prospect Power, LLC  
Providence Heights Wind, LLC  
Provision Power and Gas, LLC  
PSEG Energy Resources & Trade LLC  
PSEG Energy Solutions LLC  
PSEG Nuclear LLC  
Public Service Electric and Gas Company  
Public Staff – North Carolina Utilities Commission  
Pure Energy, Inc.  
Pure Energy USA IL, LLC  
Pure Energy USA, LLC  
Quattro Energy LP  
Radford's Run Wind Farm, LLC  
Rainbow Energy Marketing Corporation  
Rainbow Energy Ventures LLC  
Rausch Creek Electric Power Holdings, LLC  
Realgy, LLC  
Recurrent Energy, LLC  
Red Oak Power, LLC  
Red Wolf TX2, LLC  
Refinitiv US LLC  
Reliant Energy Northeast, LLC  
Renaissance Power & Gas, Inc.  
Renergy Inc.  
Renewable Energy Aggregators Inc.  
Rensselaer Generating LLC  
RES America Developments Inc.  
ResCom Energy, LLC  
Residents Energy, LLC  
Respond Power, LLC  
Rhei Energy Partners LP  
Richfield Solar Energy LLC

Richland-Stryker Generation LLC  
RI-Corp. Development, Inc.  
River Bay Commodities, LLC  
RiverCrest Power-South, LLC  
Riverside Generating Company, L.L.C.  
Riverstart Solar Park LLC  
Rochester Gas and Electric Corporation  
Rockfish Solar LLC  
Rockland Electric Company  
Rocky Road Power, LLC  
Rodan Energy Solutions (USA) Inc.  
Rolling Hills Generating, L.L.C.  
Rose Gold Solar, LLC  
Roseton Generating LLC  
Roth Rock Wind Farm, LLC  
Roundtop Energy LLC  
Royal Bank of Canada  
RPA Energy, Inc.  
RTP Controls, Inc  
RTR Energy Solutions LLC  
Rushmore Energy, LLC (new)  
RWE Clean Energy Solutions, Inc.  
RWE Clean Energy Wholesale Services, Inc.  
RWE Renewables Americas, LLC  
Safe Harbor Water Power Corporation  
Sanitas Power, LLC  
Santanna Energy Services  
Saracen Energy East LP  
Saracen Energy Midwest LP  
Saracen Energy West LP  
Saracen Power LP  
Saugatuck River Power Trading LLC  
S.C. Energy Partners LLC  
Schuylkill Energy Resources, Inc.  
Scout Storage LLC  
Scrubgrass Generating Company, L.P.  
Scylla Energy LLC  
Seneca Generation, LLC  
Seneca Trading LLC  
SESCO ENTERPRISES LLC  
Seven Islands Environmental Solutions, LLC  
Severn River Power LLC  
Seward Generation, LLC  
SFE Energy, Inc.  
Shell Energy North America (U.S.), L.P.  
Shepard's Neck Point LLC

Shipley Choice LLC  
Sidney, LLC  
Siemens Industry, Inc.  
Silver Run Electric, LLC  
S.J. Energy Partners, Inc.  
SmartEnergy Holdings, LLC  
SmartestEnergy US LLC  
Smart Wires Inc.  
SociVolta Inc.  
Solios Power Mid-Atlantic Trading LLC  
Sol Madison Solar, LLC  
Southampton Solar LLC  
South Bay Energy Corp.  
Southeastern Chester County Refuse Authority  
Southeastern Power Administration  
Southern Indian Gas and Electric Company d/b/a Vectren Power Supply Inc.  
Southern Maryland Electric Cooperative, Inc.  
Southern Power Company  
South Field Energy LLC  
South Jersey Energy Company  
Spark Energy, LLC  
Spartacus Energy Services LLC  
Spotlight Power LLC  
sPower Energy Marketing, LLC  
Spring Energy RRH, LLC dba Spring Power & Gas  
Spruance Operating Services, LLC  
Spruce Power Trading, LLC  
Standard Gas & Electric, LLC  
Star Jasmine Houston LLC  
STATARB INVESTMENTS LLC  
Sterling Partners Energy Investors LLC  
St. Joseph Energy Center, LLC  
Stones DR, LLC  
Stoney Creek Wind Farm, LLC  
Stream Energy Columbia, LLC  
Stream Energy Delaware, LLC  
Stream Energy Illinois, LLC  
Stream Energy Maryland, LLC  
Stream Energy New Jersey, LLC  
Stream Energy Pennsylvania, LLC  
Stream Ohio Gas & Electric, LLC  
Strom Power, LLC  
Summer Energy Midwest, LLC  
Summit Farms Solar, LLC  
SunCoke Energy, Inc  
Sunflower Solar LLC

SunSea Energy LLC  
Sunshaw Power Trading, LLC  
Sun Tribe Development LLC  
Susquehanna Nuclear, LLC  
Sustaining Power Solutions LLC  
Syncarpha Solar, LLC  
SYSO Inc.  
Tait Electric Generating Station, LLC  
Talen Energy Marketing, LLC  
Tangent Energy Solutions, Inc.  
Tatanka Wind Power, LLC  
TC Energy Marketing Inc.  
TEC Energy Inc.  
TEC Trading, Inc.  
Tenaska Pennsylvania Partners, LLC  
Tenaska Power Management, LLC  
Tenaska Power Services Co.  
Tenaska Virginia Partners, L.P.  
Tennessee Valley Authority (The)  
TerraForm IWG Acquisition Holdings II, LLC  
Texas Retail Energy, LLC  
Teza Technologies LLC  
The Hartz Group  
The Highlands Energy Group, LLC  
Think Energy, LLC  
Thordin ApS  
Thurmont Municipal Light Company  
Tidal Energy Marketing (U.S.) L.L.C.  
Tilton Energy LLC  
Timber Road Solar Park LLC  
TimberRock Consulting LLC  
Tios Capital, LLC  
Titan Gas and Power  
Todd Solar LLC  
Toledo Edison Company (The)  
Tomorrow Energy Corp  
Town of Berlin, Maryland  
Town of Williamsport  
Town Square Energy East, LLC  
Tradewind Energy, Inc.  
Trafigura Trading LLC  
TrailStone Energy Marketing, LLC  
Trans-Allegheny Interstate Line Company  
TransAlta Energy Marketing (US) Inc.  
Transource Energy, LLC  
Transource Maryland, LLC

Transource Pennsylvania, LLC  
Transource West Virginia, LLC  
Tri-County Rural Electric Cooperative, Inc.  
TriEagle Energy, LP  
Tri Global Energy, LLC  
TrueLight Commodities, LLC  
Trustees of the University of Pennsylvania  
Tupelo Solar I, LLC  
TWE Myrtle Solar Project, LLC  
Twin Eagle Resource Management, LLC  
Twin Ridges LLC  
Tyne Hill Investments LP  
Tyr Energy, LLC  
UGI Development Company  
UGI Energy Services, LLC  
UGI Utilities, Inc.  
Uncia Energy LP – Series B  
Union Electric Company d/b/a Ameren Missouri  
Union Ridge Solar, LLC  
University Park Energy, LLC  
UN-School House Holding LLC  
Urban Grid Solar Projects, LLC  
V3 Commodities Group, LLC  
VCIOM, LLC  
VECO Power Trading, LLC  
Velocity American Energy Master I, LP  
Verde Energy USA DC, LLC  
Verde Energy USA Illinois, LLC  
Verde Energy USA Maryland, LLC  
Verde Energy USA Ohio, LLC  
Verde Energy USA, Inc.  
Vineland Municipal Electric Utility  
Virginia Division of Consumer Counsel  
Virginia Electric and Power Company  
Virginia Solar 2017 Projects LLC  
Virginia State Corporation Commission  
Viribus Fund LP  
Viridian Energy Ohio LLC  
Viridian Energy PA, LLC  
Viridity Energy Solutions Inc.  
Vista Energy Marketing, L.P.  
Vitol, Inc.  
Voltus, Inc.  
Wabash Valley Power Association, Inc.  
Volunteer Energy Services, Inc.  
Walden Renewables Development LLC

Walnut Ridge Wind, LLC  
Walleye Power, LLC  
Waterford Power, LLC  
Waverly Solar, LLC  
Wellsboro Electric Company  
West Deptford Energy, LLC  
Western Reserve Energy Services, LLC  
West Penn Power Company d/b/a Allegheny Power  
West Virginia Consumer Advocate Division  
WGL Energy Services, Inc.  
Wheelabrator Baltimore, L.P.  
Wheelabrator Falls Inc.  
Wheelabrator Frackville Energy Company, Inc.  
Wheelabrator Gloucester Company, L.P.  
Wheelabrator Portsmouth, Inc.  
Wheeling Power Company  
White Peak Energy LLC  
Whitetail Solar 1, LLC  
Whitetail Solar 2, LLC  
Whitetail Solar 3, LLC  
Whitmore Solar, LL  
Whitney Hill Wind Power, LLC  
Wildcat Wind Farm I, LLC  
Wilkinson Solar LLC  
Willey Battery Utility, LLC  
WinPower LLC  
Wisconsin Power and Light Company  
WM Renewable Energy, LLC  
Wolf Hills Energy, LLC  
Wolf Run Energy LLC  
Wolverine Holdings, L.P.  
Wolverine Power Supply Cooperative, Inc.  
Wolverine Trading, LLC  
WP&G Holdings, LLC  
WPPI Energy  
Wrigley Capital LLC  
Wyandot Solar LLC  
XO Energy MA, LP  
XO Energy MA2, LP  
Xoom Energy Maryland, LLC  
Xoom Energy New Jersey, LLC  
XOOM Energy Ohio, LLC  
XOOM Energy Washington D.C., LLC  
Xoom Energy, LLC  
Yankee Street, LLC  
Yellow Jacket Energy, LLC



Yes Energy LLC  
York County Solid Waste and Refuse Authority  
York Generation Company LLC  
York Haven Power Company, LLC  
Zongyi Solar America Co. Ltd.

Section(s) of the  
PJM Reliability Assurance Agreement  
(Clean Format)

## SCHEDULE 17

### PARTIES TO THE RELIABILITY ASSURANCE AGREEMENT

This Schedule sets forth the Parties to the Agreement:

AEP Energy, Inc.  
AEP Retail Energy Partners LLC  
AES Ohio Generation, LLC  
AES Solutions Management, LLC  
Aggressive Energy LLC  
Agway Energy Services, LLC  
Algonquin Energy Services Inc.  
All American Power and Gas, LLC  
All Choice Mid America LLC dba Raava Energy  
Allegheny Electric Cooperative, Inc.  
Allegheny Energy Supply Company, L.L.C.  
Alpaca Energy LLC  
Alpha Gas and Electric LLC  
Ambit Northeast, LLC  
American Electric Power Service Corporation on behalf of its affiliates:  
    Appalachian Power Company  
    Indiana Michigan Power Company  
    Kentucky Power Company  
    Kingsport Power Company  
    Ohio Power Company  
    Wheeling Power Company.  
American Municipal Power, Inc.  
American Power & Gas of IL, LLC  
American Power & Gas of MD, LLC  
American Power & Gas of NJ, LLC  
American Power & Gas of Ohio, LLC  
American Power & Gas of Pennsylvania, LLC  
American PowerNet Management, L.P.  
American Transmission Systems, Inc.  
AP Gas and Electric (PA), LLC  
APN Starfirst, LP  
Approved Energy II LLC  
Archer Energy, LLC  
Astral Energy LLC  
Atlantic City Electric Company  
Atlantic Energy MD, LLC  
Avangrid Renewables, LLC  
Axp0 U.S. LLC  
Baltimore Gas and Electric Company  
Baltimore Power Company LLC

Barclays Capital Services, Inc  
Batavia, IL (City of)  
BBPC LLC d/b/a Great Eastern Energy  
Blackstone Wind Farm, LLC  
Blue Ridge Power Agency, Inc.  
Borough of Butler, Butler Electric Division  
Borough of Chambersburg  
Borough of Columbia, PA  
Borough of Lavallette, New Jersey  
Borough of Milltown  
Borough of Mont Alto, PA  
Borough of Park Ridge, New Jersey  
Borough of Pemberton  
Borough of Pitcairn, Pennsylvania  
Borough of Seaside Heights, New Jersey  
Borough of South River, New Jersey  
Boston Energy Trading and Marketing LLC  
BP Energy Company  
BP Energy Retail Company LLC  
Brookfield Renewable Energy Marketing US LLC  
BTG Pactual Commodities (US) LLC  
Buckeye Power, Inc.  
Calpine Energy Service, L.P.  
Calpine Energy Solutions, LLC  
Catalyst Power  
Central Virginia Electric Cooperative  
Centre Lane Trading Limited  
Champion Energy Marketing LLC  
Champion Energy, LLC  
Choice Energy, LLC dba 4 Choice Energy, LLC  
Citigroup Energy Inc.  
Citizens' Electric Company of Lewisburg, PA  
City of Cleveland, Department of Public Utilities, Division of Cleveland Public Power  
City of Dover, Delaware  
City of New Martinsville - WV  
City of Rochelle  
CleanChoice Energy, Inc.  
Clearview Electric, Inc.  
Cleveland Electric Illuminating Company  
Click Energy, LLC  
CMS Resource Management Company  
Collegiate Clean Energy, LLC  
Commonwealth Edison Company  
ConocoPhillips Company  
Constellation Energy Generation, LLC  
Constellation NewEnergy, Inc.

Convanta Energy Marketing LLC  
CPV Retail Energy LP  
Current Energy and Renewables Inc.  
David Energy Supply, LLC  
Dayton Power & Light Company (The)  
DC Energy LLC  
Delaware Municipal Electric Corporation  
Delmarva Power & Light Company  
Denver Energy, LLC  
Devonshire Energy LLC  
Direct Energy Business, LLC  
Direct Energy Services, LLC  
Discount Power, Inc.  
DPL Energy Resources, Inc.  
DTE Atlantic, LLC  
DTE Energy Trading, Inc.  
Duke Energy Kentucky, Inc.  
Duke Energy Ohio, Inc.  
Duquesne Light Company  
Duquesne Light Energy, LLC  
DXT Commodities North America Inc.  
Dynegy Energy Services, LLC  
Dynegy Marketing and Trade, LLC  
East Kentucky Power Cooperative, Inc.  
Easton Utilities Commission  
EcoPlus Power, LLC  
EDF Trading North America, LLC  
Eligio Energy, LLC  
Enel Trading North America, LLC  
Energetix, Inc.  
Energo Power & Gas LLC dba Energo  
Energy Cooperative Association of Pennsylvania (The)  
Energy Cooperative of America, Inc.  
Energy Harbor LLC  
EnergyMark, LLC  
Energy Plus Holdings LLC  
Energy Services Providers, Inc.  
Energy Technology Savings, Inc.  
Energy Transfer Retail Power, LLC  
EnerPenn USA, LLC  
Engie Energy Marketing NA, Inc.  
EnPowered USA Inc.  
Evergreen Gas & Electric, LLC  
Everyday Energy, LLC  
First Point Power, LLC  
Freepoint Energy Solutions LLC

Front Royal (Town of)  
Galt Power Inc.  
GenOn Power Midwest, LP  
Gerdau Ameristeel Energy, Inc.  
Great American Gas & Electric, LLC  
Great American Power, LLC  
Greenlight Energy Inc.  
Green Mountain Energy Company  
Grid Power Direct, LLC  
Hagerstown Light Department  
Harborside Energy, LLC  
Harrison REA, Inc. - Clarksburg, WV  
Hartee Parnters, LP  
Holcim (US) Inc.  
Hoosier Energy REC, Inc.  
Horizon Power and Light LLC  
Hudson Energy Services, LLC  
IDT Energy, Inc.  
Illinois Municipal Electric Agency  
Illinois Power Marketing Company  
Inspire Energy Holdings, LLC  
Interstate Gas Supply, LLC  
J.P. Morgan Ventures Energy Corporation  
Jack Rich, Inc. d/b/a Anthracite Power & Light Company  
J. Aron & Company LLC  
Jersey Central Power & Light Company  
Josco Energy USA, LLC  
Just Energy Limited  
Just Energy Solutions Inc.  
Kentucky Municipal Energy Agency  
Kiwi Energy NY LLC  
Kuehne Chemical Company, Inc.  
L & P Electric Inc., d/b/a Leggett & Platt Electric Inc.  
Land O'Lakes, Inc.  
Macquarie Cook Energy LLC  
Major Energy Electric Services LLC  
MC Squared Energy Services, LLC  
Meadow Lake Wind Farm LLC  
Meadow Lake Wind Farm II LLC  
Meadow Lake Wind Farm III LLC  
Meadow Lake Wind Farm IV LLC  
MeadWestvaco Corporation  
Median Energy Corp.  
Median Energy PA LLC  
Mega Energy Holdings, LLC  
Mercuria Energy America, Inc.

Messer Energy Services, Inc.  
MeterGenius Inc.  
Metropolitan Edison Company  
MidAmerican Energy Company  
MidAmerican Energy Services, LLC  
Morgan Stanley Capital Group, Inc.  
Morgan Stanley Services Group Inc.  
MP2 Energy NE, LLC dba Shell Energy Solutions  
MPower NJ LLC  
National Gas & Electric, LLC  
NextEra Energy Marketing, LLC  
Nextera Energy Services New Jersey, LLC  
Nextera Energy Services, Illinois, LLC  
Nordic Energy Services LLC  
North American Power and Gas LLC.  
North Carolina Electric Membership Corporation  
North Carolina Municipal Power Agency Number 1  
Northeastern REMC  
Northern States Power Company  
Northern Virginia Electric Cooperative – NOVEC  
NRG Business Marketing LLC  
NRG Power Marketing, L.L.C.  
nTherm, LLC  
Octopus Energy LLC  
Ohio Edison Company  
Ohio Valley Electric Corporation  
Old Dominion Electric Cooperative  
Palmco Power DC, LLC  
PALMco Power DE, LLC  
Palmco Power IL, LLC  
Palmco Power MD, LLC  
Palmco Power NJ, LLC  
Palmco Power PA, LLC  
PALMco Power VA, LLC  
Park Power LLC  
Pay Less Energy, LLC  
PBF Power Marketing LLC  
PECO Energy Company  
Pennsylvania Electric Company  
Pennsylvania Grain Processing LLC  
Pennsylvania Power Company  
PEPCO Energy Services, Inc.  
Pinnacle Power LLC  
Plymouth Rock Energy, LLC  
Polaris Power Services LLC  
Potomac Electric Power Company

Power UP Energy, LLC  
Powervine Energy, LLC  
PPL Electric Utilities Corporation d/b/a PPL Utilities  
Prairieland Energy, Inc.  
Provision Power and Gas, LLC  
PSEG Energy Resources & Trade LLC  
PSEG Energy Solutions LLC  
Public Service Electric and Gas Company  
Pure Energy USA IL, LLC  
Pure Energy USA, LLC  
Realgy, LLC  
Red Oak Power, LLC  
Renaissance Power & Gas, Inc.  
ResCom Energy, LLC  
Residents Energy, L.L.C.  
Respond Power LLC  
Riverside Generating Company, LLC  
Rolling Hills Generating, LLC  
RPA Energy, Inc.  
Rushmore Energy, LLC (new)  
RWE Clean Energy Solutions, Inc.  
S.J. Energy Partners, Inc.  
Santanna Energy Services  
Seward Generation, LLC  
SFE Energy, Inc.  
Shipley Choice LLC  
Smartest Energy US LLC  
Solios Power Mid-Atlantic Trading LLC  
South Bay Energy Corp.  
South Jersey Energy Company  
Southeastern Power Administration  
Southern Indiana Gas & Electric  
Southern Maryland Electric Cooperative, Inc.  
Spark Energy, LLC  
Spartacus Energy Services LLC  
Spring Energy RRH, LLC dba Spring Power & Gas  
Standard Gas & Electric, LLC  
Stream Energy Columbia, LLC  
Stream Energy Delaware, LLC  
Stream Energy Illinois, LLC  
Stream Energy Maryland, LLC  
Stream Energy New Jersey, LLC  
Stream Energy Pennsylvania, LLC  
Stream Ohio Gas & Electric, LLC  
Summer Energy Midwest, LLC  
SunSea Energy LLC



Talen Energy Marketing, LLC  
Tenaska Power Services Co.  
Texas Retail Energy, LLC  
Think Energy, LLC  
Thurmont Municipal Light Company  
Titan Gas and Power  
Toledo Edison Company (The)  
Tomorrow Energy Corp  
Town of Berlin, Maryland  
Town of Williamsport  
Town Square Energy East, LLC  
TransAlta Energy Marketing (U.S.) Inc.  
TransCanada Power Marketing Ltd.  
Tri-County Rural Electric Cooperative, Inc.  
TriEagle Energy, LP  
Trustees of the University of Pennsylvania  
Twin Eagle Resource Management, LLC  
UGI Energy Services, LLC  
UGI Utilities, Inc. - Electric Division  
Verde Energy USA DC, LLC  
Verde Energy USA Illinois, LLC  
Verde Energy USA Maryland, LLC  
Verde Energy USA Ohio, LLC  
Verde Energy USA, Inc.  
Vineland Municipal Electric Utility (City of Vineland)  
Virginia Electric & Power Company  
Viridian Energy PA LLC  
Viridian Energy Ohio LLC  
Vista Energy Marketing, L.P.  
Volunteer Energy Services, Inc.  
Wabash Valley Power Association, Inc.  
Wellsboro Electric Company  
West Penn Power Company d/b/a Allegheny Power  
WGL Energy Services, Inc.  
Wolverine Holdings, L.P.  
Wolverine Power Supply Cooperative, Inc.  
Xoom Energy Maryland, LLC  
Xoom Energy New Jersey, LLC  
XOOM Energy Ohio, LLC  
Xoom Energy, LLC  
York Generation Company, LLC

# **Attachment C**

List of Withdrawn  
Members  
(with effective dates)

**PJM Interconnection, LLC  
Withdrawn Members  
July 1, 2023 through September 30, 2023**

<b><u>Company Name</u></b>	<b><u>Withdraw Date</u></b>
C4GT LLC	11/24/2023
Lower Electric, LLC	12/6/2022
Mattawoman Energy, LLC	12/13/2022
XO Energy MA3, LP	7/11/2023
Genbright LLC	7/12/2023
Diamond Energy East, LLC	7/31/2023
Diamond Retail Energy, LLC	7/31/2023
Bruce Power Inc.	8/30/2023
Brookfield Energy Marketing LP	9/3/2023

# **Attachment D**

List of New Members  
(with effective dates)

**PJM Interconnection, LLC  
New Members  
July 1, 2023 through September 30, 2023**

<b><u>Company Name</u></b>	<b><u>Effective Date</u></b>
WinPower LLC	9/13/2023
Keystone Appalachian Transmission Company	9/19/2023

# **Attachment E**

List of Member Corporate Name Changes  
(with effective dates)

**PJM Interconnection, LLC**  
**Member Corporate Name Changes**  
**July 1, 2023 through September 30, 2023**

<b><u>Previous</u></b> <b><u>Company Name</u></b>	<b><u>New</u></b> <b><u>Company Name</u></b>	<b><u>Effective</u></b> <b><u>Date</u></b>
Big Savage, LLC	Twin Ridges LLC	7/10/2023
Direct Energy Business Marketing, LLC	NRG Business Marketing LLC	8/2/2023
Fowler Ridge III Wind Farm LLC	BP Alternative Energy North America Inc.	8/15/2023

# **Attachment F**

List of New Parties to PJM Reliability Assurance  
Agreement  
(with effective dates)



**PJM Interconnection, LLC  
New Parties to the RAA  
July 1, 2023 through September 30, 2023**

<b><u>Company Name</u></b>	<b><u>Effective Date</u></b>
Energo Power & Gas LLC dba	8/3/2023
Spartacus Energy Services LLC	8/4/2023