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August 1, 2016

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

*Re: PJM Interconnection, L.L.C.; Docket No. ER16- 2350 -000  
PJM Operating Agreement, Schedule 12 Membership List Amendments  
PJM Reliability Assurance Agreement, Schedule 17 Amendments*

Dear Ms. 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") regulations, 18 C.F.R. Part 35, PJM Interconnection, L.L.C. ("PJM") submits for filing amendments to Schedule 12 of the Amended and Restated Operating Agreement of PJM Interconnection, L.L.C. ("PJM Operating Agreement") and Schedule 17 of the Reliability Assurance Agreement among Load Serving Entities in the PJM Region ("PJM RAA") to update those lists to include new members, delete withdrawing members, reflect updates to the list of signatories to the PJM RAA, and reflect corporate name changes.<sup>1</sup>

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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.

## **I. BACKGROUND**

On December 6, 2002, PJM submitted amendments to Section 11.6 of the PJM Operating Agreement (*Membership Requirements*) which sought (1) to delete the then-existing requirement that an Additional Member Agreement executed by a new PJM Member be filed with the Commission; and (2) to permit an entity to become a PJM Member as of the date the Additional Member Agreement is countersigned by the PJM President, rather than a date specified by the Commission.<sup>2</sup> PJM also sought to add Schedule 12 to the PJM Operating Agreement, which lists all the current PJM Members. On February 21, 2003, the Commission issued an order approving PJM's requested modifications.<sup>3</sup>

Moreover, on September 29, 2006, PJM submitted to the Commission a single PJM RAA to memorialize the obligations of respective Load Serving Entities in the PJM Region with respect to capacity resources and emergency operations as part of a larger settlement relating to the implementation by PJM of the Reliability Pricing Model ("RPM") to replace the existing capacity obligation rules.<sup>4</sup> As part of those modifications, PJM added Schedule 17 to the PJM RAA, which lists the current parties thereto. On December 22, 2006, FERC issued an order approving, with conditions, the PJM RAA, including Schedule 17 to the PJM RAA.<sup>5</sup>

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<sup>2</sup> See *PJM Interconnection L.L.C.*, Transmittal Letter, Docket No. ER03-254 (December 6, 2002) ("December 6 Filing").

<sup>3</sup> *PJM Interconnection, L.L.C.*, 102 FERC ¶ 61,191 (2003).

<sup>4</sup> See *PJM Interconnection, L.L.C.*, Settlement Agreement and Explanatory Statement of the Settling Parties Resolving All Issues in *PJM Interconnection L.L.C.*, Docket Nos. ER05-1410, *et al.* (September 29, 2011).

<sup>5</sup> *PJM Interconnection, L.L.C.*, 117 FERC ¶ 61,331 (2006).

## **II. DESCRIPTION OF FILING**

### ***A. Revised Schedule 12 to the PJM Operating Agreement***

PJM hereby submits for filing a revised Schedule 12 of the PJM Operating Agreement, which lists all the current PJM Members and includes updates to reflect (1) the addition of new PJM Members; (2) the deletion of withdrawing PJM Members; and (3) PJM Members' corporate name changes up to, and including, June 30, 2016.

Included in the revisions to Schedule 12 of the PJM Operating Agreement are revisions to correct punctuation and typographical errors which were inadvertently made in PJM's prior quarterly filings.

### ***B. Revised Schedule 17 to the PJM RAA***

PJM hereby submits for filing a revised Schedule 17 of the PJM RAA, which lists all the current PJM RAA signatories and includes updates to reflect (1) the addition of new PJM RAA signatories; (2) the deletion of withdrawing parties; and (3) PJM RAA signatories' corporate name changes up to, and including, June 30, 2016.

Included in the revisions to Schedule 17 of the PJM RAA are revisions to correct punctuation and typographical errors which were inadvertently made in PJM's prior quarterly filings, as well as to correct revisions which were inadvertently omitted from prior quarterly filings.

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

Pursuant to Section 35.15 of the Commission's regulations, 18 C.F.R. Part 35, and Section 4.1(c) and 18.18.2 of the PJM Operating Agreement, PJM submits a notice of entities that have withdrawn from membership in PJM. As set forth in those sections, a "...member may withdraw from [the PJM Operating Agreement] upon 90 days notice," provided, however, that

such withdrawal shall not be effective until approved by the Commission. Additionally, PJM 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 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 90 days prior to the effective date noted for the respective entity as shown in Attachment 3.

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

PJM requests a waiver of the Commission's notice requirements to permit a June 30, 2016 effective date, a date which includes the last member withdrawal following the requisite 90 days prior notice, for the revised Schedule 12 to the PJM Operating Agreement and the last amendment to the list of parties to Schedule 17 to the PJM RAA. Waiver is appropriate in this circumstance to allow new PJM Members, withdrawing Members, and corporate name changes to be reflected in the revised Schedule 12 to the PJM Operating Agreement, as of the requested effective date; a date that is tied to the effective date of the last membership withdrawal (*i.e.*, June 30, 2016). Waiver is appropriate with respect to Schedule 17 to the PJM RAA as to allow new parties, withdrawing parties, and corporate name changes to be reflected accurately therein. Additionally, PJM requests that the Commission make the eTariff record effective on June 30, 2016.

### **IV. DOCUMENTS SUBMITTED**

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

1. Attachment 1: Electronic versions of revised Schedule 12 to the Operating Agreement and Schedule 17 to the PJM RAA in marked form (i.e., reflecting changes)(Marked Tariff);
2. Attachment 2: Electronic versions of revised Schedule 12 to the Operating Agreement and Schedule 17 to the PJM RAA in clean form (Clean Tariff);
3. Attachment 3: List of Member Withdrawals, with effective dates;
4. Attachment 4: List of New Members, with effective dates; and
5. Attachment 5: List of Member Corporate Name Changes, with effective dates.

## **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:

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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>6</sup> pursuant to

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<sup>6</sup> See, 18 C.F.R. §§ 35.2, 154.2, 154.208 and 341.2.

Order No. 714<sup>7</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 the its internet site, located at the following link: <http://www.pjm.com/documents/ferc-manuals/ferc-filings.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>8</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,



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

James Burlew  
Counsel  
PJM Interconnection, L.L.C.

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<sup>7</sup> *Electronic Tariff Filings*, Order No. 714, 124 FERC ¶ 61,270

<sup>8</sup> PJM already maintains updates and regularly uses e-mail lists for all PJM Members and affected commissions.

# **Attachment 1**

Revisions to the PJM Operating Agreement and  
PJM Reliability Assurance Agreement  
(Identified by Additional Cover Pages)

(Marked/Redline Format)

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



**SCHEDULE 12 -  
PJM MEMBER LIST**

A2A Energy International, LLC  
Abest Power & Gas, LLC  
AC Energy, LLC  
Acciona Energy North America Corporation (AENAC)  
Achieving Equilibrium LLC  
Acorn Energy Trading, LLC  
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 Beaver Valley LLC  
AES Energy Storage, LLC  
AES ES Holdings, LLC  
Aesir Power, LLC  
AES Laurel Mountain, LLC  
AES Ohio Generation, LLC  
A.F. Mensah Inc.  
Agera Energy LLC  
Aggressive Energy LLC  
Agway Energy Services, LLC  
Air Liquide Industrial US, LP  
Air Products & Chemicals, Inc.  
AK Steel Corporation  
Alabama Power Company  
Alegria Fund, LP  
Algonquin Energy Services, Inc.  
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  
Altus Power America, Inc.  
Amazon Energy LLC  
Ambit Northeast, LLC  
American Edison LLC  
American Illuminating Company, LLC  
American Municipal Power, Inc.

American Power & Gas of Ohio, LLC  
American Power & Gas of Pennsylvania, LLC  
American Power & Gas of NJ, LLC  
American Power Partners, LLC  
American PowerNet Management, L.P.  
American Transmission Company, LLC  
American Transmission Systems Inc.  
Amerigreen Energy, Inc.  
Ames Energy, LLC  
Amity Energy LLC  
Anahau Energy, LLC  
Anbaric Northeast Transmission Development Company, 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  
Appalachian Power Company  
Appian Way Energy Partners MidAtlantic, LLC  
Apple Group LLC  
Appomattox River Associates, L.P.  
APX, Inc.  
Aquenergy Systems Inc.  
ArcelorMittal USA, LLC  
ArcLight Energy Marketing, L.L.C.  
Armada Power, LLC  
Armenia Mountain Wind, LLC  
Arrow Energy RRH, LLC  
~~Aspurity Energy Mid-States, LLC~~  
Aspurity Energy, LLC  
Associated Electric Cooperative, Inc.  
Astral Energy LLC  
Atlantic City Electric Company  
Atlantic Energy MD, LLC  
Atlantic Grid Operations A, LLC  
ATNV Energy, LP  
Automated Algorithms, LLC  
Avangrid Renewables, LLC  
AXPO U.S. LLC  
Baker Boy, LLC  
Baltimore Gas and Electric Company  
Baltimore Power Company LLC  
Barclays Capital Services, Inc  
Bargain Energy, LLC  
Bartram Lane, LLC

Battery Utility of Ohio, LLC  
Bayles Energy LLC  
Bayonne Plant Holding, L.L.C.  
Bazinga, LLC  
BBPC LLC d/b/a/ Great Eastern Energy  
Beacon Power, LLC  
Bear Island Paper WB LLC  
Beaver Dam Energy LLC  
Beech Ridge Energy LLC  
Beech Ridge Energy Storage LLC  
Berks Hollow Energy Associates, LLC  
Bernards Solar, LLC  
[Big Bend Trading, LLC](#)  
Big Rivers Electric Corporation  
Big Sandy Peaker Plant, LLC  
Big Savage, LLC  
Big Sky Wind, LLC  
Biogas Energy Solutions LLC  
BioUrja Power, LLC  
[Birdsboro Power LLC](#)  
Bishop Hill Energy LLC  
BIF II Safe Harbor Holding LLC  
BIF III Holtwood LLC  
BITH Solar I, LLC  
BJ Energy, LLC  
Black Oak Capital, LLC  
Black Oak Energy, LLC  
Blackout Power Trading Inc.  
Blackstone Wind Farm II, LLC  
Blackstone Wind Farm, LLC  
Blue Ridge Power Agency, Inc.  
Bluegrass Generating Company, LLC  
BlueRock Energy, Inc.  
BNP Paribas Energy Trading GP  
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  
Bounce Energy PA, LLC  
BP Energy Company  
Brandon Shores LLC  
Brick Standard LLC  
Brighten Energy, LLC  
Brookfield Energy Marketing, LP  
Brookfield Power Piney & Deep Creek LLC  
Brookfield Renewable Energy Marketing US LLC  
Bruce Power Inc.  
Brunner Island, LLC

BTG Pactual Commodities (US) LLC

Buckeye Power, Inc.  
C.P. Crane LLC  
Cahaya Power Marketing LLC  
Calpine Bethlehem, LLC  
Calpine Energy Services, L.P.  
Calpine Mid Atlantic Marketing, LLC  
Calvert Cliffs Nuclear Power Plant, LLC  
Cambria Cogen Company  
Camden Plant Holding, L.L.C.  
Camp Grove Wind Farm, LLC  
Canadian Wood Products – Montreal, Inc. dba CWP Energy  
Capacity Markets Partners, LLC  
Cape May County Municipal Utilities Authority  
Capital Energy LLC  
Cargill Power Markets, LLC  
Carroll County Energy LLC  
Casterbridge Advisory, L.L.C.  
Castleton Commodities Merchant Trading L.P.  
CenStar Energy Corp.  
Central Transmission, LLC  
Central Virginia Electric Cooperative

Centre Lane Trading Limited

CES Retail Energy Supply, LLC

Champion Energy Marketing LLC  
Champion Energy Services, LLC  
Champion Energy, LLC  
Charleston Clean Energy LLC  
Chesapeake Trading Group, LLC  
Chesapeake Transmission LLC  
Chief Conemaugh Power, LLC  
Chief Keystone Power, LLC  
Choice Energy, LLC dba 4 Choice Energy, LLC  
Church Hill Solar Farm, LLC

Cincinnati Bell Energy, LLC  
Cinnamon Bay, LLC  
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 New Martinsville – WV  
City of Philadelphia  
City of Philippi – West VA  
City of Rochelle  
CleanChoice Energy, Inc.  
Clean Energy Future – Lordstown, LLC  
CleanLight Power + Energy, LLC  
Clear Power LLC  
Clearview Electric, Inc.  
Cleveland Electric Illuminating Company  
Climaton Research Company  
CMS Energy Resource Management Company  
Coaltrain Energy LP  
Coastal Strategies, LLC  
~~Coastal Wind Resources, LLC~~  
Coastal Wind and Solar Resources, LLC  
Cogen Technologies Linden Venture, L.P.  
Cogentrix Virginia Financing Holding Company, LLC  
Cognovi Analytics, LLC  
Collegiate Clean Energy, LLC  
Commerce Energy Inc.  
Commonwealth Chesapeake Company, LLC  
Commonwealth Edison Company  
Community Energy, Inc.  
Comperio Energy LLC dba ClearChoice Energy  
Conch Energy Trading, LLC  
Conectiv Energy Supply, Inc.  
ConocoPhillips Company  
Consolidated Edison Company of New York, Inc.  
Consolidated Edison Energy, Inc.  
Consolidated Edison Solutions, Inc.  
Constellation Energy Power Choice, LLC  
Constellation Energy Services, Inc.  
Constellation NewEnergy, Inc.  
Constellation Power Source Generation, LLC  
Consumers Energy Company  
Cordova Energy Company LLC  
Corona Power LLC

~~Corporate Services Support Corp.~~

County of Frederick, VA  
Covanta Delaware Valley, L.P.  
Covanta Energy Group, LLC  
Covanta Essex Company

~~Covanta Union, Inc~~Covanta Union, LLC

CP Energy Marketing (US) Inc.  
CPV MARYLAND, LLC  
CPV Shore, LLC  
Credit Suisse (USA), Inc.  
Crescent Ridge LLC  
Crete Energy Venture, LLC

~~CSC Arbitrage Group LLC~~Cube Hydro Partners, LLC

Cumulus Master Fund  
Current Power & Gas Inc.  
Customized Energy Solutions, Ltd.  
Cygus Energy Futures, LLC  
Darby Energy, LLLP  
Dart Container Corporation of Pennsylvania  
Dayton Power & Light Company (The)  
DC Energy LLC  
DC Energy Mid-Atlantic, LLC  
DCO Energy, LLC  
Decatur Energy Center, LLC  
DEL LIGHT INC.  
Delaware Division of the Public Advocate  
Delaware Municipal Electric Corporation  
Delmarva Power & Light Company  
Demansys Energy, LLC  
Denver Energy, LLC  
Devonshire 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 Marketing, Inc.  
Domtar Paper Company, LLC  
Doswell Limited Partnership  
Downes Associates, Inc.  
DPL Energy Resources, LLC  
DTE Energy Trading, Inc.  
Dufossat Capital I, LLC  
Duke-American Transmission Company, LLC  
Duke Energy Business Services, LLC

Duke Energy Carolinas, LLC  
Duke Energy Commercial Enterprises, Inc.  
Duke Energy Florida, LLC  
Duke Energy Kentucky, Inc.  
Duke Energy Ohio, Inc.  
Duke Energy Progress, LLC  
Duke Energy Renewable Services, LLC  
Duke Energy Retail Sales, LLC  
Duquesne Conemaugh LLC  
Duquesne Keystone LLC  
Duquesne Light Company  
Duquesne Light Energy, LLC  
Duquesne Power LLC  
Dynasty Energy Group LLC  
Dynasty Power Inc.  
Dynergy Energy Services, LLC  
Dynergy Kendall Energy, LLC  
Dynergy Marketing and Trade, LLC  
Dynergy Power Marketing, LLC  
Dyon, LLC  
E Minus LLC  
E.ON Climate & Renewables North America Inc.  
Eagle Point Power Generation LLC  
Eagle's View Multi-Strategy, LLC  
Earth Networks, Inc.  
[East Coast Power & Gas of New Jersey, 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  
Ebrfuel, LLC  
eCap Network, LLC  
Ecesis LLC  
EcoGrove Wind, LLC  
EDF Trading North America, LLC  
Edison Transmission, LLC  
EDP Energy Services, LLC  
EDP Renewables North America, LLC  
EF Kenilworth LLC  
EFS Parlin Holdings, LLC  
El Paso Marketing, L.P.  
Elgin Energy Center, LLC  
Eligo Energy, LLC  
Elliot Bay Energy Trading, LLC

Elmagin Power Fund LLC  
Elmwood Park Power, LLC  
Elwood Energy LLC  
EMC Development Company, Inc.  
Emera Energy Services, Inc.  
Emporia Hydropower Limited Partnership  
ENBALA Power Networks, Inc.  
Encentiv Energy, LLC  
Endurance Energy Midwest LLC  
Energetix, Inc.  
Energy Algorithms LLC  
Energy America, LLC  
Energy Answers Baltimore, LLC  
Energy Authority, Inc. (The)  
Energy Consulting Services, LLC  
Energy Cooperative Association of Pennsylvania  
Energy Cooperative of America, Inc.  
Energy Limited Inc.  
Energy Plus Holdings LLC  
Energy Power Investment Company, LLC  
Energy Service Providers, Inc.  
Energy Technology Savings, Inc.  
Energy Transfer Retail Power, LLC  
Energy.me Midwest llc d/b/a energy.me  
Energya VM Gestion de Energia S.L.U.  
EnergyConnect, Inc.  
EnerNOC, Inc.  
EnerPenn USA, LLC  
Enerwise Global Technologies, Inc.  
Engage Energy America LLC  
Engelhart CTP (US) LLC  
Entegra Power Services LLC  
Entrust Energy East, Inc.  
EPP Renewable Energy, LLC  
Essential Power OPP, LLC  
Essential Power Rock Springs, LLC  
Essential Power, LLC  
ETC Endure Energy, L.L.C.  
~~Ethical Electric, Inc.~~  
Evergreen Community Power  
Evergreen Gas & Electric, LLC  
EverPower Commercial Services, LLC  
Everyday Energy, LLC  
Exel Power Sources, LLC  
Exelon Business Services Company, LLC  
Exelon Generation Company, LLC



Exion Energy Inc.  
Falcon Energy, LLC  
Fantods LLC  
Fermata, LLC  
First Point Power, LLC  
FirstEnergy Solutions Corp.  
Florey Knob Energy LLC  
Florida Power & Light Company  
Forest Investment Group, LLC  
Forked River Power LLC  
Fowler Ridge II Wind Farm LLC  
Fowler Ridge III Wind Farm LLC  
Fowler Ridge IV Wind Farm LLC  
Fowler Ridge Wind Farm LLC  
FPL Energy Marcus Hook LP  
Franklin Power LLC  
Freeport Commodities LLC  
Frontier Utilities Northeast, LLC  
Future Power PA LLC  
G&G Energy, Inc.  
G&S Wantage Solar, LLC  
Gallus Capital LLC  
Galt Power, Inc.  
Gateway Energy Services Corporation  
GBE Energy Marketing Inc.  
GDF SUEZ Energy Marketing NA, Inc.  
GDF SUEZ Energy Resources NA, Inc.  
GDF Suez Retail Energy Solutions, LLC  
Gen IV Investment Opportunities, LLC  
Genbright LLC  
GenOn Energy Management, LLC  
Gen Ops, LLC  
Georgia Power Company  
Gerdau Ameristeel Energy, Inc  
Glacial Energy of New Jersey, Inc.  
Grain Belt Express Clean Line LLC  
Grand Ridge Energy II LLC  
Grand Ridge Energy III LLC  
Grand Ridge Energy IV LLC  
Grand Ridge Energy LLC  
Grand Ridge Energy V LLC  
Grand Ridge Energy Storage, LLC  
Granger Energy of Honey Brook, LLC  
Grays Ferry Cogeneration Partnership  
Great American Power, LLC  
Great Barrington Energy Fund LP

Great Bay Energy I, LLC  
Great Bay Energy VII LLC  
Great Bear Hydropower, Inc.  
Great Falls Hydroelectric Company, Limited Partnership  
GreenHat Energy, LLC  
Greenlight Energy Inc.  
Green Mountain Energy Company  
Greene Energy, LLC  
greeNEWit, LLC  
GRG ENERGY LLC  
Gridforce Energy Management, LLC  
GSG, LLC  
GSG 6, LLC  
Gulf Power Company  
Guttman Energy, Inc.  
Guzman Energy LLC  
H.A. Wagner LLC  
H.Q. Energy Services (U.S.), Inc.  
Hagerstown Light Department  
Half Moon Ventures, LLC  
Handsome Lake Energy, LLC  
Harborside Energy, LLC  
Harrison REA, Inc. – Clarkesburg, WV

Hawks Nest Hydro LLC  
Hazle Spindle, LLC  
Hazleton Generation LLC  
Headwaters Wind Farm LLC  
Hemsworth Capital LP  
Hemsworth Capital Midwest LP  
Hexis Energy Trading, LLC  
Hickory Run Energy, LLC  
Highland North LLC  
High Resolution Energy, LLC  
High Resolution Energy VT Fund I, LP  
HIKO Energy, LLC  
Hill Energy Resource & Services, LLC  
Hill Top Energy Center, LLC  
Holcim (US), Inc.  
Holtwood, LLC  
Homer City Generation, LP  
Hoosier Energy REC, Inc.  
Hop Bottom Energy LLC  
Horizon Energy Investments, Inc.  
Horizon Power and Light, LLC  
H-P Energy Resources, LLC

HSBC Technology & Services (USA), Inc.  
Hudson Energy Services, LLC  
Hudson Transmission Partners, LLC  
~~Herdrola Renewables, LLC~~  
Icetec.com, Inc.  
Icetec Energy Services, Inc.  
IDT Energy, Inc.  
Illinois Citizens Utility Board  
Illinois Municipal Electric Agency  
Illinois Power Marketing Company  
IMG Midstream 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)  
Industrial Energy Users-Ohio  
Inertia Power I, LLC  
Ingenco Holdings, LLC  
Ingenco Wholesale Power, LLC  
Innovari Market Solutions LLC  
Innovation Tap LLC d/b/a Innotap  
Innoventive Power LLC  
Inspire Energy Holdings, LLC  
Intelligent Generation, LLC  
International Paper Company  
Interstate Gas Supply, Inc.  
Interstate Power and Light Company  
Invenergy LLC  
Invenergy Nelson LLC  
Ioway Energy, LLC  
IPKeys Power Partners LLC  
Iron Energy LLC  
iSigma, Inc.  
ITC Interconnection LLC  
ITC Mid-Atlantic Development LLC  
J. Aron & Company  
Jack Rich, Inc. d/b/a Anthracite Power & Light Company  
James River Genco, LLC  
Jane Street Energy Trading, LLC  
Jersey Central Power & Light Company  
Jersey Green Energy, LLC  
Jersey-Atlantic Wind, LLC  
Joliet Battery Storage LLC  
Josco Energy USA, LLC  
JP Morgan Ventures Energy Corporation

JPTC, LLC  
Kansas City Power & Light Company  
KASS Commodities, LLC  
KDC Solar Green Power LLC  
Kentucky Power Company  
~~Keys Energy Center LLC~~  
KeyTex Energy LLC  
KeyTex Energy Solutions LLC  
KFW Energy, LLC  
Kimberly-Clark Corporation  
Kincaid Generation, LLC  
Kingsport Power Company  
Kiyoshi Technologies, LLC  
KMC Thermo, LLC  
Koch Energy Services, LLC  
KOREnergy, Ltd.  
Krayn Wind LLC  
Kuehne Chemical Company, Inc.  
Kupper Engineering, Inc.  
L&P Electric Inc., d/b/a Leggett & Platt Electric Inc.  
Lackawanna Energy Center LLC  
Lancaster County Solid Waste Management Authority  
Land O'Lakes, Inc.  
Lantar Energy LLC  
LCG Consulting  
Lee River Proprietary Strategies, Inc.  
Leeward Asset Management, LLC  
Legacy Energy Group, LLC (The)  
Lehigh Portland Cement Company  
Lehman Brothers Commodity Services, Inc.  
Letterkenny Industrial Development Authority – PA  
Levelsail Trading, LLC  
Liberty Electric Power, LLC  
Liberty Hill Power LLC  
Liberty Power Corp., L.L.C.  
Liberty Power Delaware, LLC  
Liberty Power District of Columbia LLC  
Liberty Power Holdings LLC  
Liberty Power Maryland, LLC  
LifeEnergy, LLC  
Lincoln Generating Facility, LLC  
Linde Energy Services, Inc.  
Linde, LLC  
Linden VFT LLC  
Links EP LLC  
LM Power, LLC

Long Island Lighting Company d/b/a LIPA  
Longview Power, LLC  
Louisville Gas and Electric Company/Kentucky Utilities Company  
Lower Electric, LLC  
Lower Mount Bethel Energy, LLC  
LQA, LLC  
LSP University Park, LLC  
LTSTE Investments, LLC  
Lykins Oil Company d/b/a Lykins Energy Solutions  
Mac Trading, Inc.  
Macquarie Energy, LLC  
Madison Gas and Electric Co.  
MAG Energy Solution, Inc.  
Mahoning Creek Hydroelectric Company, LLC  
Major Energy Electric Services, LLC  
Manatee Transmission LLC  
Mansfield Power and Gas, LLC  
Maple Analytics, LLC  
Marathon Power LLC  
Marina Energy, LLC  
Martins Creek, LLC  
Maryland Office of People's Counsel  
Mattawoman Energy, LLC  
MC Squared Energy Services, LLC  
Meadow Lake Wind Farm II, LLC  
Meadow Lake Wind Farm III, LLC  
Meadow Lake Wind Farm IV, LLC  
Meadow Lake Wind Farm, LLC  
MeadWestvaco Corporation  
Mega Energy Holdings, LLC  
MEG Generating Company, LLC  
Mehoopany Wind Energy LLC  
Mendota Hills, LLC  
Mercuria Energy America, Inc.  
Mercuria SJAK Trading, LLC  
Merrill Lynch Commodities, Inc.  
MET MA LLC  
Metropolitan Edison Company  
Miami Valley Lighting, LLC  
Michigan Department of Attorney General, Environment, Natural Resources & Agriculture  
Division  
Michigan Public Power Agency  
Microsoft Corporation  
MidAmerican Energy Company  
MidAmerican Energy Services, LLC  
MidAtlantic Power Partners, LLC

Mid-Atlantic Renewable Energy Coalition  
Middlesex County Utilities Authorities  
Middlesex Energy Center, LLC  
Midwest Energy Trading East LLC  
Midwest Generation, LLC  
Milan Energy LLC  
Milford Solar LLC  
Mint Energy, LLC  
Mississippi Power Company  
Monmouth Energy, Inc.  
Monongahela Power Company d/b/a/ Allegheny Power  
Monterey MA, LLC  
Monterey MAF, LLC  
Montour, LLC  
Morgan Stanley Capital Group, Inc.  
[Morgan Stanley Services Group Inc.](#)  
Morgans Corner Solar Energy LLC  
Morris Cogeneration, L.L.C  
Mosaic Power, LLC  
Moundsville Power, LLC  
Moxie Freedom LLC  
MP2 Energy NE, LLC  
MP2 Energy, LLC  
MPCF I, LLC  
MPower Energy NJ LLC  
Mt. Carmel Cogeneration Inc.  
Nalcor Energy Marketing Corporation  
NATGASCO d/b/a/ Supreme Energy, Inc.  
National Gas & Electric, LLC  
Natural Gas Exchange Inc.  
Nautilus Solar Energy, LLC  
NedPower Mount Storm, LLC  
[NE Energy Trading Company, LLC](#)  
Negawatt Business Solutions  
Negawatt Business Solutions, Inc.  
NEPM II, LLC  
Neptune Regional Transmission System, LLC  
NERC-Middlesex Solar I, LLC  
Newark Energy Center, LLC  
New Covert Generating Company, LLC  
New Jersey Division of the Ratepayer Advocate  
New York Power Authority  
New York State Electric & Gas Corporation  
Newark Bay Cogeneration Partnership, L.P.  
NextEra Energy Power Marketing, LLC  
NextEra Energy Services Illinois, LLC

NextEra Energy Services New Jersey, LLC  
NextEra Energy Transmission, LLC  
Nittany Energy, LLC  
NJR Clean Energy Ventures Corporation  
NJR Clean Energy Ventures II Corporation  
Noble Americas Energy Solutions, LLC  
Noble Americas Gas & Power Corp.  
Nordic Energy Services LLC  
North American Natural Resources – SBL, 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.  
Northeast Maryland Waste Disposal Authority  
Northeast Transmission Development, LLC  
Northeastern REMC  
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.  
NRG Curtailment Solutions, Inc.  
NRG Potomac River LLC  
NRG Power Marketing, LLC  
NRG Power Midwest LP  
NRGStream LLC  
NTE Carolinas, LLC  
NTE Ohio, LLC  
NuEnergen, LLC  
NYSEG Solutions, Inc.  
Oasis Power, LLC dba Oasis Energy  
Occidental Power Services, Inc.  
Oceanside Power, LLC  
OCI Solar Power, LLC  
Office of the Attorney General, Kentucky  
Office of the People’s Counsel for the District of Columbia  
Ohio Consumer’s Counsel  
Ohio Edison Company  
Ohio Power Company  
Ohio Valley Electric Corporation  
Old Dominion Electric Cooperative  
Olympus Power, LLC  
Ontario Power Generation Energy Trading, Inc.  
Ontario Power Generation Inc.

Ontelaunee Power Operating Company  
Oregon Clean Energy, LLC  
Orthogonal Energy, LLC  
Owensboro Municipal Utilities  
Oxbow Creek Energy LLC  
Oxford Energy Services, LLC  
Ozark International, Inc.  
P.H. Glatfelter Company  
Pacific Summit Energy LLC  
Palmco Power DC, LLC  
PALMco Power DE, LLC  
Palmco Power IL, LLC  
Palmco Power MD, LLC  
Palmco Power NJ, LLC  
Palmco Power OH, LLC  
Palmco Power PA, LLC  
PALMco Power VA, LLC  
Pan Capital Management, Ltd.  
Panda Hummel Station LLC  
Panda Liberty LLC  
Panda Patriot LLC  
Panda Stonewall LLC  
Panther Creek Power Operating, LLC  
Park Power LLC  
Parma Energy LLC  
PATH Allegheny Transmission Company, LLC  
PATH West Virginia Transmission Company, LLC  
Patton Wind Farm, LLC  
Paulding Wind Farm II LLC  
PBF Power Marketing, LLC  
PECO Energy Company  
Pedricktown Cogeneration Company LP  
PEI Power Corporation  
PEI Power II, LLC  
Peninsula Power, LLC  
Penncat Corporation  
Pennsylvania Electric Company  
Pennsylvania Office of Consumer Advocate  
Pennsylvania Power Company  
Pennsylvania Renewable Resources, Associates  
Pentacles Electric, LLLP  
Pepco Energy Services, Inc.  
Perigee Energy, LLC  
PG Energy Services Inc. d/b/a/ PG Energy Power Plus  
Philadelphia Energy Solutions Refining and Marketing LLC  
Physical Systems Integration LLC



Piedmont Energy Fund, L.P.  
Pine Hill Energy LLC  
Pinnacle Power LLC  
PJLB LLC  
PJS Capital, LLC  
Plain Rights, LLC  
Planet Energy (Maryland) Corp.  
Planet Energy (Pennsylvania) Corp.  
Planet Energy (USA) Corp.  
Plant-E Corp.  
Plymouth Rock Energy, LLC  
Plutus Trading Company, LP  
Portsmouth Genco, LLC  
Potomac Edison Company (The) d/b/a/ Allegheny Power  
Potomac Electric Power Company  
Power Dave Fund LLC  
Power Engineers, Incorporated  
Power Generation Services, Inc.  
Powerex Corporation  
Power Supply Services, LLC  
PPGI Fund A/B Development, LLC  
PPL Electric Utilities Corporation dba PPL Utilities  
Prairieland Energy, Inc.  
Praxair, Inc.  
Precept Power LLC  
Procter & Gamble Paper Products Company (The)  
Property Endeavors LLC  
Providence Heights Wind, LLC  
Provision Power and Gas, LLC  
PSEG Energy Resources & Trade LLC  
PSEG Fossil LLC  
PSEG Nuclear LLC  
Public Power, LLC(CT)  
Public Service Electric and Gas Company  
Public Staff – North Carolina Utilities Commission  
Pure Energy, Inc.  
Quasar Energy Group, LLC  
Raiden Commodities LP  
Rainbow Energy Marketing Corporation  
Rainbow Energy Ventures LLC  
Raven Power Marketing LLC  
RBC Energy Services LP  
RC Cape May Holdings, LLC  
Realgy, LLC  
Recurrent Energy, LLC  
Red Glen Energy LLC

Red Oak Power, LLC  
Red Wolf Energy Trading, LLC  
Red Wolf PT, LLC  
Reliant Energy Northeast, LLC  
Renaissance Power, LLC  
Renaissance Power & Gas, Inc.  
Repsol Energy North America Corporation  
RES America Developments Inc.  
ResCom Energy, LLC  
Residents Energy, L.L.C.  
Respond Power, LLC  
Richland-Stryker Generation LLC  
RI-Corp. Development, Inc.  
Ringer Hill Wind, LLC  
Riverside Generating Company, L.L.C.  
RJUMR Energy Partners Corp.  
Robinson Power Company, LLC  
Rochester Gas and Electric Corporation  
Rock Island Clean Line LLC  
Rockland Electric Company  
Rolling Hills Generating, L.L.C.  
Roth Rock Wind Farm, LLC  
Roundtop Energy LLC  
Royal Bank of Canada  
RPA Energy, Inc.  
R.R. Donnelley & Sons Company  
RRI Energy Services, LLC  
RRI Energy Solutions East, LLC  
RTP Controls, Inc  
Rushmore Energy, LLC (new).  
S.J. Energy Partners, Inc.  
Sabot Energy, LLC  
Safe Harbor Water Power Corporation  
Safeway Inc.  
Santanna Energy Services  
Sapphire Power Marketing LLC  
Saracen Energy East LP  
Saracen Energy Midwest LP  
Saracen Energy West LP  
Saracen Power LP  
Saugatuck River Power Trading LLC  
Schuylkill Energy Resources, Inc.  
Scrubgrass Generating Company, L.P.  
Scylla Energy LLC  
SESCO ENTERPRISES LLC  
Severn River Power LLC

Seward Generation, LLC  
SFE Energy Pennsylvania, Inc.  
SFE Energy, Inc.  
SFE Energy NJ, Inc.  
Shell Energy North America (U.S.), L.P.  
Shiple Choice LLC  
Siemens Industry, Inc.  
Smart Wire Grid, Inc.  
SmartEnergy Holdings, LLC  
SNC-Lavalin Constructors, Inc.  
Solea Energy, LLC  
Solios Power Mid-Atlantic Trading, LLC  
Solios Power Mid-Atlantic Virtual LLC  
Source Power & Gas LLC  
South Carolina Electric & Gas Company  
South Field Energy LLC  
South Jersey Energy Company  
Southard Energy Partners LLC  
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  
Southland Industries  
Spark Energy, LLC  
Sperian Energy Corp  
Spring Energy RRH, LLC dba Spring Power & Gas  
Star Energy Partners LLC  
Starion Energy PA, Inc.  
STATARB INVESTMENTS LLC  
St. Joseph Energy Center, LLC  
Stoney Creek Wind Farm, LLC  
Strategic Transmission LLC  
Stream Energy Columbia, LLC  
Stream Energy Maryland, LLC  
Stream Energy New Jersey, LLC  
Stream Energy Pennsylvania, LLC  
Suffolk Fund LLC  
Summer Energy of Ohio LLC  
SunCoke Energy, Inc  
~~SunEdison Storage Solutions, LLC~~  
Sunico LLC  
Sunwave USA Holdings Inc.  
Susquehanna Nuclear, LLC  
Sustaining Power Solutions LLC  
Switch Energy, LLC

Syncarpha Solar, LLC  
Talen Energy Marketing, LLC  
~~Talen Ironwood, LLC~~  
Tangent Energy Solutions, Inc.  
TAQA Gen X LLC  
Targray Americas Inc.  
Tatanka Wind Power, LLC  
TEC Energy Inc.  
TEC Trading, Inc.  
Tenaska Pennsylvania Partners, LLC  
Tenaska Power Services Co.  
Tenaska Virginia Partners, L.P.  
Tennessee Valley Authority (The)  
TERM Power & Gas, LLC  
Texas Retail Energy, LLC  
The Hartz Group  
The Highlands Energy Group, LLC  
~~The Mobility House, LLC~~  
THG Energy Solutions, LLC  
Thurmont Municipal Light Company  
Tilton Energy, LLC  
Titan Gas and Power  
TJM, Inc.  
~~Tokamak Energy Fund I, LP~~  
Toledo Edison Company (The)  
Torofino Trading, LLC  
Town of Berlin, Maryland  
Town of Front Royal, Virginia  
Town of Williamsport  
Town Square Energy East, LLC  
TrailStone Power, LLC  
Trans-Allegheny Interstate Line Company  
TransAlta Energy Marketing (US) Inc.  
TransCanada Power Marketing, Ltd.  
TranSource, LLC  
Transource Energy, LLC  
Transource West Virginia, LLC  
Tri-County Rural Electric Cooperative, Inc.  
Trident Retail Energy, LLC  
TriEagle Energy, LP  
Triolith Energy Fund, LP  
TrueLight Commodities, LLC  
TrueLight Energy Fund, LP  
Trumpet Trading Group, LLC  
Trustees of the University of Pennsylvania  
Twin Cities Power, LLC

Twin Eagle Resource Management, LLC  
Tyne Hill Investments LP  
UGI Development Company  
UGI Energy Services, LLC  
UGI Utilities, Inc.  
Uncia Energy LP – Series B  
Union Electric Company d/b/a Ameren Missouri  
Union Power Partners, L.P.  
Uniper Global Commodities North America, LLC  
University Park Energy, LLC  
Valent Energy, LLC  
Valley Group, Inc., a Nexans Company  
VCharge, Inc.  
VECO Power Trading, LLC  
Vel Energy, LP  
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 State Corporation Commission  
Viridian Energy PA, LLC  
Viridity Energy, Inc.  
Virtual Power Hedging, LLC  
Vitol, Inc.  
Wabash Valley Power Association, Inc.  
Volunteer Energy Services, Inc.  
Wellsboro Electric Company  
West Chicago Battery Storage LLC  
West Deptford Energy II, LLC  
West Deptford Energy, LLC  
West Oaks Energy, L.P.  
West Penn Power Company d/b/a/ Allegheny Power  
West Virginia Consumer Advocate Division  
Westar Energy, Inc.  
Western Reserve Energy Services, LLC  
Westmoreland Partners  
Weston Solutions, Inc.  
Westwood Generation, LLC  
WGL Energy Services, Inc.  
Wheelabrator Baltimore, L.P.  
Wheelabrator Falls Inc.

Wheelabrator Frackville Energy Co Inc.  
Wheelabrator Gloucester Company, L.P.  
Wheelabrator Portsmouth, Inc.  
Wheeling Power Company  
Wildcat Wind Farm I, LLC  
Willey Battery Utility, LLC  
Windy Bay Power LLC  
Wisconsin Electric Power Company  
Wisconsin Power and Light Company  
WM Renewable Energy, LLC  
Wolf Hills Energy, LLC  
Wolverine Holdings, L.P.  
Wolverine Power Supply Cooperative, Inc.  
Wolverine Trading, LLC  
WPPI Energy  
Wyandot Solar LLC  
Wylan Energy, L.L.C.  
XO Energy CAL2 LP  
XO Energy MA, LP  
XO Energy MA2, LP  
XO Energy NY2 LP  
Xoom Energy Maryland, LLC  
Xoom Energy New Jersey, LLC  
XOOM Energy Ohio, LLC  
XOOM Energy Washington D.C., LLC  
Xoom Energy, LLC  
Yasmin Partners LLC  
Yes Energy LLC  
York County Solid Waste and Refuse Authority  
York Generation Company LLC  
York Haven Power Company, LLC  
ZF Energy Development, 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  
Abest Power & Gas, LLC  
Agway Energy Services, LLC  
Algonquin Energy Services Inc.  
Allegheny Electric Cooperative, Inc.  
Allegheny Energy Supply Company, L.L.C.  
Alpaca Energy LLC  
Alpha Gas and Electric LLC  
Ambit Northeast, LLC  
American Edison 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 Illuminating Company, LLC  
American Municipal Power, Inc.  
American Power & Gas of Ohio, LLC  
American Power & Gas of Pennsylvania, LLC  
American Power & Gas of NJ, LLC  
American Power Partners LLC  
American PowerNet Management, L.P.  
American Transmission Systems, Inc.  
AP Gas and Electric (PA), LLC  
APN Starfirst, LP  
ArcelorMittal USA LLC  
Arrow Energy RRH, LLC  
~~Aspirity Energy Mid-States, LLC~~  
Aspirity Energy, LLC  
Atlantic City Electric Company  
Atlantic Energy MD, LLC  
Baltimore Gas and Electric Company  
Baltimore Power Company LLC  
Barclays Capital Services, Inc  
Bargain Energy, LLC  
Batavia, IL (City of)  
BBPC LLC d/b/a Great Eastern Energy



Blackstone Wind Farm, LLC  
Blue Ridge Power Agency, Inc.  
BlueRock Energy, 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  
Brighten Energy LLC  
BTG Pactual Commodities (US) LLC  
Capital Energy, LLC  
Cargill Power Markets LLC  
Central Virginia Electric Cooperative  
Centre Lane Trading Limited  
[CES Retail Energy Supply, LLC](#)  
Champion Energy Marketing LLC  
Champion Energy, LLC  
Choice Energy, LLC dba 4 Choice Energy, LLC  
Cincinnati Bell 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 Philippi - West VA  
City of Rochelle  
Clearview Electric, Inc.  
Cleveland Electric Illuminating Company Collegiate Clean Energy, LLC  
Commerce Energy, Inc.  
Commonwealth Edison Company  
Conectiv Energy Supply, Inc.  
ConocoPhillips Company  
Consolidated Edison Energy, Inc.  
Consolidated Edison Solutions, Inc.  
Constellation Energy Power Choice, LLC  
Constellation Energy Services, Inc.  
Constellation NewEnergy, Inc.  
Constellation Power Source Generation, LLC

~~Corporate Services Support Corp~~

Credit Suisse (USA), Inc.  
Current Power & Gas Inc.  
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 Business Marketing, LLC  
Direct Energy Services, LLC  
Discount Power, Inc.  
Downes Associates, Inc.  
DPL Energy Resources, Inc.  
DTE Energy Trading, Inc.  
Duke Energy Kentucky, Inc.  
Duke Energy Ohio, Inc.  
Duke Energy Retail Sales, LLC  
Duquesne Light Company  
Duquesne Light Energy, LLC  
Dynegy Energy Services, LLC  
Dynegy Kendall Energy, LLC

East Coast Power & Gas of New Jersey, LLC

East Kentucky Power Cooperative, Inc.  
Easton Utilities Commission  
EDF Energy Services, LLC  
EDF Trading North America, LLC  
Eligio Energy, LLC  
Energetix, Inc.  
Energy America, LLC  
Energy Cooperative Association of Pennsylvania (The)  
Energy Cooperative of America, Inc.  
Energy Plus Holdings LLC  
Energy Services Providers, Inc.  
Energy Technology Savings, Inc.  
Energy Transfer Retail Power, LLC  
Energy.me Midwest llc d/b/a energy.me  
EnerPenn USA, LLC  
Entrust Energy East, Inc.  
Evergreen Gas & Electric, LLC  
Everyday Energy, LLC  
Exelon Generation Co., LLC  
First Point Power, LLC  
FirstEnergy Solutions Corp.  
Front Royal (Town of)

Galt Power Inc.  
Gateway Energy Services Corporation  
GDF Suez Retail Energy Solutions, LLC  
GenOn Power Midwest, LP  
Gerdau Ameristeel Energy, Inc.  
Glacial Energy of New Jersey, Inc.  
Great American Power, LLC  
Greenlight Energy Inc.  
Green Mountain Energy Company  
Guttman Energy, Inc.  
Hagerstown Light Department  
Harborside Energy, LLC  
Harrison REA, Inc. - Clarksburg, WV  
HIKO Energy, LLC  
Holcim (US) Inc.  
Hoosier Energy REC, Inc.  
HSBC Technology & Services (USA), Inc.  
Hudson Energy Services, LLC  
IDT Energy, Inc.  
Illinois Municipal Electric Agency  
Illinois Power Marketing Company  
Ingenco Holdings, LLC  
Inspire Energy Holdings, LLC  
Iron Energy LLC  
J. Aron & Company  
J.P. Morgan Ventures Energy Corporation  
Jack Rich, Inc. d/b/a Anthracite Power & Light Company  
Jersey Central Power & Light Company  
Josco Energy USA, LLC  
Kuehne Chemical Company, Inc.  
L & P Electric Inc., d/b/a Leggett & Platt Electric Inc.  
Land O'Lakes, Inc.  
Liberty Power Corp., L.L.C.  
Liberty Power Delaware LLC  
Liberty Power Holdings LLC  
LifeEnergy, LLC  
Linde Energy Services, Inc.  
Lower Electric, LLC  
Lykins Oil Company d/b/a Lykins Energy Solutions  
Macquarie Cook Energy LLC  
Mansfield Power and Gas, LLC  
Major Energy Electric Services LLC  
MC Squared Energy Services, LLC  
Meadow Lake Wind Farm II LLC  
Meadow Lake Wind Farm III LLC  
Meadow Lake Wind Farm IV LLC

Meadow Lake Wind Farm LLC  
MeadWestvaco Corporation  
Mega Energy Holdings, LLC  
Metropolitan Edison Company  
MidAmerican Energy Company  
MidAmerican Energy Services, LLC  
Mint Energy, LLC  
Morgan Stanley Capital Group, Inc.  
Morgan Stanley Services Group Inc.  
MP2 Energy NE, LLC  
MPower NJ LLC  
NATGASCO d/b/a/ Supreme Energy, Inc.  
National Gas & Electric, LLC  
Nextera Energy Services New Jersey, LLC  
Nextera Energy Services, Illinois, LLC  
Nittany Energy, LLC  
Noble Americas Energy Solutions LLC  
Noble Americas Gas & Power Corp.  
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 Virginia Electric Cooperative – NOVEC  
NRG Power Marketing, L.L.C.  
NYSEG Solutions, Inc.  
Oasis Power, LLC dba Oasis Energy  
Occidental Power Services, Inc.  
Ohio Edison Company  
Old Dominion Electric Cooperative  
Oxford Energy Services, LLC  
Palmco Power DC, LLC  
PALMco Power DE, LLC  
Palmco Power IL, LLC  
Palmco Power MD, LLC  
Palmco Power NJ, LLC  
Palmco Power OH, LLC  
Palmco Power PA, LLC  
PALMco Power VA, LLC  
Park Power LLC  
Parma Energy, LLC  
PBF Power Marketing LLC  
PECO Energy Company  
Pennsylvania Electric Company  
Pennsylvania Power Company  
PEPCO Energy Services, Inc.

Pinnacle Power LLC  
Planet Energy (Maryland) Corp.  
Planet Energy (Pennsylvania) Corp.  
Planet Energy (USA) Corp.  
Plymouth Rock Energy, LLC  
Potomac Electric Power Company  
PPL Electric Utilities Corporation d/b/a PPL Utilities  
Prairieland Energy, Inc.  
Provision Power and Gas, LLC  
PSEG Energy Resources and Trade LLC  
Public Power, LLC (CT)  
Public Service Electric & Gas Company  
Realgy, LLC  
Red Oak Power, LLC  
Renaissance Power & Gas, Inc.  
ResCom Energy, LLC  
Residents Energy, L.L.C.  
Respond Power LLC  
Riverside Generating, LLC  
Rolling Hills Generating, LLC  
RPA Energy, Inc.  
R.R. Donnelley & Sons Company  
RRI Energy Services, LLC  
RRI Energy Solutions East, LLC  
Rushmore Energy, LLC (new)  
S.J. Energy Partners, Inc.  
Santanna Energy Services  
SFE Energy, Inc.  
SFE Energy NJ, Inc.  
Shipley Choice LLC  
Solios Power Mid-Atlantic Trading LLC  
Source Power & Gas LLC  
South Jersey Energy Company  
Southeastern Power Administration  
Southern Indiana Gas & Electric  
Southern Maryland Electric Cooperative, Inc.  
Spark Energy, LLC  
Sperian Energy Corp  
Spring Energy RRH, LLC dba Spring Power & Gas  
Star Energy Partners LLC  
Starion Energy PA Inc.  
Stream Energy Columbia, LLC  
Stream Energy Maryland, LLC  
Stream Energy New Jersey, LLC  
Stream Energy Pennsylvania, LLC  
Summer Energy of Ohio LLC

Sunwave USA Holdings LLC  
Switch Energy, LLC  
Talen Energy Marketing, LLC  
Tenaska Power Services Co.  
TERM Power & Gas, LLC  
Texas Retail Energy, LLC  
Thurmont Municipal Light Company  
Titan Gas and Power  
Toledo Edison Company (The)  
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.  
Trident Retail Energy, LLC  
TriEagle Energy, LP  
Trustees of the University of Pennsylvania  
Twin Eagle Resource Management, LLC  
UGI Energy Services, LLC  
UGI Utilities, Inc. - Electric Division  
VCharge, Inc.  
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  
Wabash Valley Power Association, Inc.  
Wellsboro Electric Company  
West Penn Power Company d/b/a Allegheny Power  
WGL Energy Services, Inc.  
Xoom Energy Maryland, LLC  
Xoom Energy New Jersey, LLC  
XOOM Energy Ohio, LLC  
Xoom Energy, LLC  
York Generation Company, LLC

## **Attachment 2**

Revisions to the PJM Operating Agreement and  
PJM Reliability Assurance Agreement  
(Identified by Additional Cover Pages)

(Clean Format)

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



**SCHEDULE 12 -  
PJM MEMBER LIST**

A2A Energy International, LLC  
Abest Power & Gas, LLC  
AC Energy, LLC  
Acciona Energy North America Corporation (AENAC)  
Achieving Equilibrium LLC  
Acorn Energy Trading, LLC  
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 Beaver Valley LLC  
AES Energy Storage, LLC  
AES ES Holdings, LLC  
Aesir Power, LLC  
AES Laurel Mountain, LLC  
AES Ohio Generation, LLC  
A.F. Mensah Inc.  
Agera Energy LLC  
Aggressive Energy LLC  
Agway Energy Services, LLC  
Air Liquide Industrial US, LP  
Air Products & Chemicals, Inc.  
AK Steel Corporation  
Alabama Power Company  
Alegria Fund, LP  
Algonquin Energy Services, Inc.  
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  
Altus Power America, Inc.  
Amazon Energy LLC  
Ambit Northeast, LLC  
American Edison LLC  
American Illuminating Company, LLC  
American Municipal Power, Inc.

American Power & Gas of Ohio, LLC  
American Power & Gas of Pennsylvania, LLC  
American Power & Gas of NJ, LLC  
American Power Partners, LLC  
American PowerNet Management, L.P.  
American Transmission Company, LLC  
American Transmission Systems Inc.  
Amerigreen Energy, Inc.  
Ames Energy, LLC  
Amity Energy LLC  
Anahau Energy, LLC  
Anbaric Northeast Transmission Development Company, 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  
Appalachian Power Company  
Appian Way Energy Partners MidAtlantic, LLC  
Apple Group LLC  
Appomattox River Associates, L.P.  
APX, Inc.  
Aquenergy Systems Inc.  
ArcelorMittal USA, LLC  
ArcLight Energy Marketing, L.L.C.  
Armada Power, LLC  
Armenia Mountain Wind, LLC  
Arrow Energy RRH, LLC  
Aspurity Energy, LLC  
Associated Electric Cooperative, Inc.  
Astral Energy LLC  
Atlantic City Electric Company  
Atlantic Energy MD, LLC  
Atlantic Grid Operations A, LLC  
ATNV Energy, LP  
Automated Algorithms, LLC  
Avangrid Renewables, LLC  
AXPO U.S. LLC  
Baker Boy, LLC  
Baltimore Gas and Electric Company  
Baltimore Power Company LLC  
Barclays Capital Services, Inc  
Bargain Energy, LLC  
Bartram Lane, LLC  
Battery Utility of Ohio, LLC

Bayles Energy LLC  
Bayonne Plant Holding, L.L.C.  
Bazinga, LLC  
BBPC LLC d/b/a/ Great Eastern Energy  
Beacon Power, LLC  
Bear Island Paper WB LLC  
Beaver Dam Energy LLC  
Beech Ridge Energy LLC  
Beech Ridge Energy Storage LLC  
Berks Hollow Energy Associates, LLC  
Bernards Solar, LLC  
Big Bend Trading, LLC  
Big Rivers Electric Corporation  
Big Sandy Peaker Plant, LLC  
Big Savage, LLC  
Big Sky Wind, LLC  
Biogas Energy Solutions LLC  
BioUrja Power, LLC  
Birdsboro Power LLC  
Bishop Hill Energy LLC  
BIF II Safe Harbor Holding LLC  
BIF III Holtwood LLC  
BITH Solar I, LLC  
BJ Energy, LLC  
Black Oak Capital, LLC  
Black Oak Energy, LLC  
Blackout Power Trading Inc.  
Blackstone Wind Farm II, LLC  
Blackstone Wind Farm, LLC  
Blue Ridge Power Agency, Inc.  
Bluegrass Generating Company, LLC  
BlueRock Energy, Inc.  
BNP Paribas Energy Trading GP  
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  
Bounce Energy PA, LLC  
BP Energy Company  
Brandon Shores LLC  
Brick Standard LLC  
Brighten Energy, LLC  
Brookfield Energy Marketing, LP  
Brookfield Power Piney & Deep Creek LLC  
Brookfield Renewable Energy Marketing US LLC  
Bruce Power Inc.  
Brunner Island, LLC  
Buckeye Power, Inc.  
C.P. Crane LLC  
Cahaya Power Marketing LLC  
Calpine Bethlehem, LLC  
Calpine Energy Services, L.P.  
Calpine Mid Atlantic Marketing, LLC  
Calvert Cliffs Nuclear Power Plant, LLC  
Cambria Cogen Company  
Camden Plant Holding, L.L.C.  
Camp Grove Wind Farm, LLC  
Canadian Wood Products – Montreal, Inc. dba CWP Energy  
Capacity Markets Partners, LLC  
Cape May County Municipal Utilities Authority  
Capital Energy LLC  
Cargill Power Markets, LLC  
Carroll County Energy LLC  
Casterbridge Advisory, L.L.C.  
Castleton Commodities Merchant Trading L.P.  
CenStar Energy Corp.  
Central Transmission, LLC  
Central Virginia Electric Cooperative  
Centre Lane Trading Limited  
CES Retail Energy Supply, LLC  
Champion Energy Marketing LLC  
Champion Energy Services, LLC  
Champion Energy, LLC  
Charleston Clean Energy LLC  
Chesapeake Trading Group, LLC  
Chesapeake Transmission LLC  
Chief Conemaugh Power, LLC  
Chief Keystone Power, LLC  
Choice Energy, LLC dba 4 Choice Energy, LLC  
Church Hill Solar Farm, LLC  
Cincinnati Bell Energy, LLC  
Cinnamon Bay, LLC

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 New Martinsville – WV  
City of Philadelphia  
City of Philippi – West VA  
City of Rochelle  
CleanChoice Energy, Inc.  
Clean Energy Future – Lordstown, LLC  
CleanLight Power + Energy, LLC  
Clear Power LLC  
Clearview Electric, Inc.  
Cleveland Electric Illuminating Company  
Climaton Research Company  
CMS Energy Resource Management Company  
Coaltrain Energy LP  
Coastal Strategies, LLC  
Coastal Wind and Solar Resources, LLC  
Cogen Technologies Linden Venture, L.P.  
Cogentrix Virginia Financing Holding Company, LLC  
Cognovi Analytics, LLC  
Collegiate Clean Energy, LLC  
Commerce Energy Inc.  
Commonwealth Chesapeake Company, LLC  
Commonwealth Edison Company  
Community Energy, Inc.  
Comperio Energy LLC dba ClearChoice Energy  
Conch Energy Trading, LLC  
Conectiv Energy Supply, Inc.  
ConocoPhillips Company  
Consolidated Edison Company of New York, Inc.  
Consolidated Edison Energy, Inc.  
Consolidated Edison Solutions, Inc.  
Constellation Energy Power Choice, LLC  
Constellation Energy Services, Inc.  
Constellation NewEnergy, Inc.  
Constellation Power Source Generation, LLC  
Consumers Energy Company  
Cordova Energy Company LLC  
Corona Power LLC  
County of Frederick, VA  
Covanta Delaware Valley, L.P.  
Covanta Energy Group, LLC

Covanta Essex Company  
Covanta Union, LLC  
CP Energy Marketing (US) Inc.  
CPV MARYLAND, LLC  
CPV Shore, LLC  
Credit Suisse (USA), Inc.  
Crescent Ridge LLC  
Crete Energy Venture, LLC  
Cube Hydro Partners, LLC  
Cumulus Master Fund  
Current Power & Gas Inc.  
Customized Energy Solutions, Ltd.  
Cygnus Energy Futures, LLC  
Darby Energy, LLLP  
Dart Container Corporation of Pennsylvania  
Dayton Power & Light Company (The)  
DC Energy LLC  
DC Energy Mid-Atlantic, LLC  
DCO Energy, LLC  
Decatur Energy Center, LLC  
DEL LIGHT INC.  
Delaware Division of the Public Advocate  
Delaware Municipal Electric Corporation  
Delmarva Power & Light Company  
Demansys Energy, LLC  
Denver Energy, LLC  
Devonshire 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 Marketing, Inc.  
Domtar Paper Company, LLC  
Doswell Limited Partnership  
Downes Associates, Inc.  
DPL Energy Resources, LLC  
DTE Energy Trading, Inc.  
Dufossat Capital I, LLC  
Duke-American Transmission Company, LLC  
Duke Energy Business Services, LLC  
Duke Energy Carolinas, LLC  
Duke Energy Commercial Enterprises, Inc.  
Duke Energy Florida, LLC  
Duke Energy Kentucky, Inc.

Duke Energy Ohio, Inc.  
Duke Energy Progress, LLC  
Duke Energy Renewable Services, LLC  
Duke Energy Retail Sales, LLC  
Duquesne Conemaugh LLC  
Duquesne Keystone LLC  
Duquesne Light Company  
Duquesne Light Energy, LLC  
Duquesne Power LLC  
Dynasty Energy Group LLC  
Dynasty Power Inc.  
Dynergy Energy Services, LLC  
Dynergy Kendall Energy, LLC  
Dynergy Marketing and Trade, LLC  
Dynergy Power Marketing, LLC  
Dyon, LLC  
E Minus LLC  
E.ON Climate & Renewables North America Inc.  
Eagle Point Power Generation LLC  
Eagle's View Multi-Strategy, LLC  
Earth Networks, Inc.  
East Coast Power & Gas of New Jersey, 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  
Ebrfuel, LLC  
eCap Network, LLC  
Ecesis LLC  
EcoGrove Wind, LLC  
EDF Trading North America, LLC  
Edison Transmission, LLC  
EDP Energy Services, LLC  
EDP Renewables North America, LLC  
EF Kenilworth LLC  
EFS Parlin Holdings, LLC  
El Paso Marketing, L.P.  
Elgin Energy Center, LLC  
Eligo Energy, LLC  
Elliot Bay Energy Trading, LLC  
Elmagin Power Fund LLC  
Elmwood Park Power, LLC  
Elwood Energy LLC  
EMC Development Company, Inc.

Emera Energy Services, Inc.  
Emporia Hydropower Limited Partnership  
ENBALA Power Networks, Inc.  
Encentiv Energy, LLC  
Endurance Energy Midwest LLC  
Energetix, Inc.  
Energy Algorithms LLC  
Energy America, LLC  
Energy Answers Baltimore, LLC  
Energy Authority, Inc. (The)  
Energy Consulting Services, LLC  
Energy Cooperative Association of Pennsylvania  
Energy Cooperative of America, Inc.  
Energy Limited Inc.  
Energy Plus Holdings LLC  
Energy Power Investment Company, LLC  
Energy Service Providers, Inc.  
Energy Technology Savings, Inc.  
Energy Transfer Retail Power, LLC  
Energy.me Midwest llc d/b/a energy.me  
Energia VM Gestion de Energia S.L.U.  
EnergyConnect, Inc.  
EnerNOC, Inc.  
EnerPenn USA, LLC  
Enerwise Global Technologies, Inc.  
Engage Energy America LLC  
Engelhart CTP (US) LLC  
Entegra Power Services LLC  
Entrust Energy East, Inc.  
EPP Renewable Energy, LLC  
Essential Power OPP, LLC  
Essential Power Rock Springs, LLC  
Essential Power, LLC  
ETC Endure Energy L.L.C.  
Evergreen Community Power  
Evergreen Gas & Electric, LLC  
EverPower Commercial Services, LLC  
Everyday Energy, LLC  
Exel Power Sources, LLC  
Exelon Business Services Company, LLC  
Exelon Generation Company, LLC  
Exion Energy Inc.  
Falcon Energy, LLC  
Fantods LLC  
Fermata, LLC  
First Point Power, LLC



FirstEnergy Solutions Corp.  
Florey Knob Energy LLC  
Florida Power & Light Company  
Forest Investment Group, LLC  
Forked River Power LLC  
Fowler Ridge II Wind Farm LLC  
Fowler Ridge III Wind Farm LLC  
Fowler Ridge IV Wind Farm LLC  
Fowler Ridge Wind Farm LLC  
FPL Energy Marcus Hook LP  
Franklin Power LLC  
Freepoint Commodities LLC  
Frontier Utilities Northeast, LLC  
Future Power PA LLC  
G&G Energy, Inc.  
G&S Wantage Solar, LLC  
Gallus Capital LLC  
Galt Power, Inc.  
Gateway Energy Services Corporation  
GBE Energy Marketing Inc.  
GDF SUEZ Energy Marketing NA, Inc.  
GDF SUEZ Energy Resources NA, Inc.  
GDF Suez Retail Energy Solutions, LLC  
Gen IV Investment Opportunities, LLC  
Genbright LLC  
GenOn Energy Management, LLC  
Gen Ops, LLC  
Georgia Power Company  
Gerdau Ameristeel Energy, Inc  
Glacial Energy of New Jersey, Inc.  
Grain Belt Express Clean Line LLC  
Grand Ridge Energy II LLC  
Grand Ridge Energy III LLC  
Grand Ridge Energy IV LLC  
Grand Ridge Energy LLC  
Grand Ridge Energy V LLC  
Grand Ridge Energy Storage, LLC  
Granger Energy of Honey Brook, LLC  
Grays Ferry Cogeneration Partnership  
Great American Power, LLC  
Great Barrington Energy Fund LP  
Great Bay Energy I, LLC  
Great Bay Energy VII LLC  
Great Bear Hydropower, Inc.  
Great Falls Hydroelectric Company, Limited Partnership  
GreenHat Energy, LLC

Greenlight Energy Inc.  
Green Mountain Energy Company  
Greene Energy, LLC  
greeNEWit, LLC  
GRG ENERGY LLC  
Gridforce Energy Management, LLC  
GSG, LLC  
GSG 6, LLC  
Gulf Power Company  
Guttman Energy, Inc.  
Guzman Energy LLC  
H.A. Wagner LLC  
H.Q. Energy Services (U.S.), Inc.  
Hagerstown Light Department  
Half Moon Ventures, LLC  
Handsome Lake Energy, LLC  
Harborside Energy, LLC  
Harrison REA, Inc. – Clarksburg, WV  
Hawks Nest Hydro LLC  
Hazle Spindle, LLC  
Hazleton Generation LLC  
Headwaters Wind Farm LLC  
Hemsworth Capital LP  
Hemsworth Capital Midwest LP  
Hexis Energy Trading, LLC  
Hickory Run Energy, LLC  
Highland North LLC  
High Resolution Energy, LLC  
High Resolution Energy VT Fund I, LP  
HIKO Energy, LLC  
Hill Energy Resource & Services, LLC  
Hill Top Energy Center, LLC  
Holcim (US), Inc.  
Holtwood, LLC  
Homer City Generation, LP  
Hoosier Energy REC, Inc.  
Hop Bottom Energy LLC  
Horizon Energy Investments, Inc.  
Horizon Power and Light, LLC  
H-P Energy Resources, LLC  
HSBC Technology & Services (USA), Inc.  
Hudson Energy Services, LLC  
Hudson Transmission Partners, LLC  
Icetec.com, Inc.  
Icetec Energy Services, Inc.  
IDT Energy, Inc.

Illinois Citizens Utility Board  
Illinois Municipal Electric Agency  
Illinois Power Marketing Company  
IMG Midstream 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)  
Industrial Energy Users-Ohio  
Inertia Power I, LLC  
Ingenco Holdings, LLC  
Ingenco Wholesale Power, LLC  
Innovari Market Solutions LLC  
Innovation Tap LLC d/b/a Innotap  
Innoventive Power LLC  
Inspire Energy Holdings, LLC  
Intelligent Generation, LLC  
International Paper Company  
Interstate Gas Supply, Inc.  
Interstate Power and Light Company  
Invenergy LLC  
Invenergy Nelson LLC  
Ioway Energy, LLC  
IPKeys Power Partners LLC  
Iron Energy LLC  
iSigma, Inc.  
ITC Interconnection LLC  
ITC Mid-Atlantic Development LLC  
J. Aron & Company  
Jack Rich, Inc. d/b/a Anthracite Power & Light Company  
James River Genco, LLC  
Jane Street Energy Trading, LLC  
Jersey Central Power & Light Company  
Jersey Green Energy, LLC  
Jersey-Atlantic Wind, LLC  
Joliet Battery Storage LLC  
Josco Energy USA, LLC  
JP Morgan Ventures Energy Corporation  
JPTC, LLC  
Kansas City Power & Light Company  
KASS Commodities, LLC  
KDC Solar Green Power LLC  
Kentucky Power Company  
KeyTex Energy LLC  
KeyTex Energy Solutions LLC

KFW Energy, LLC  
Kimberly-Clark Corporation  
Kincaid Generation, LLC  
Kingsport Power Company  
Kiyoshi Technologies, LLC  
KMC Thermo, LLC  
Koch Energy Services, LLC  
KOREnergy, Ltd.  
Krayn Wind LLC  
Kuehne Chemical Company, Inc.  
Kupper Engineering, Inc.  
L&P Electric Inc., d/b/a Leggett & Platt Electric Inc.  
Lackawanna Energy Center LLC  
Lancaster County Solid Waste Management Authority  
Land O'Lakes, Inc.  
Lantar Energy LLC  
LCG Consulting  
Lee River Proprietary Strategies, Inc.  
Leeward Asset Management, LLC  
Legacy Energy Group, LLC (The)  
Lehigh Portland Cement Company  
Lehman Brothers Commodity Services, Inc.  
Letterkenny Industrial Development Authority – PA  
Levelsail Trading, LLC  
Liberty Electric Power, LLC  
Liberty Hill Power LLC  
Liberty Power Corp., L.L.C.  
Liberty Power Delaware, LLC  
Liberty Power District of Columbia LLC  
Liberty Power Holdings LLC  
Liberty Power Maryland, LLC  
LifeEnergy, LLC  
Lincoln Generating Facility, LLC  
Linde Energy Services, Inc.  
Linde, LLC  
Linden VFT LLC  
Links EP LLC  
LM Power, LLC  
Long Island Lighting Company d/b/a LIPA  
Longview Power, LLC  
Louisville Gas and Electric Company/Kentucky Utilities Company  
Lower Electric, LLC  
Lower Mount Bethel Energy, LLC  
LQA, LLC  
LSP University Park, LLC  
LTSTE Investments, LLC

Lykins Oil Company d/b/a Lykins Energy Solutions  
Mac Trading, Inc.  
Macquarie Energy, LLC  
Madison Gas and Electric Co.  
MAG Energy Solution, Inc.  
Mahoning Creek Hydroelectric Company, LLC  
Major Energy Electric Services, LLC  
Manatee Transmission LLC  
Mansfield Power and Gas, LLC  
Maple Analytics, LLC  
Marathon Power LLC  
Marina Energy, LLC  
Martins Creek, LLC  
Maryland Office of People's Counsel  
Mattawoman Energy, LLC  
MC Squared Energy Services, LLC  
Meadow Lake Wind Farm II, LLC  
Meadow Lake Wind Farm III, LLC  
Meadow Lake Wind Farm IV, LLC  
Meadow Lake Wind Farm, LLC  
MeadWestvaco Corporation  
Mega Energy Holdings, LLC  
MEG Generating Company, LLC  
Mehoopany Wind Energy LLC  
Mendota Hills, LLC  
Mercuria Energy America, Inc.  
Mercuria SJAK Trading, LLC  
Merrill Lynch Commodities, Inc.  
MET MA LLC  
Metropolitan Edison Company  
Miami Valley Lighting, LLC  
Michigan Department of Attorney General, Environment, Natural Resources & Agriculture  
Division  
Michigan Public Power Agency  
Microsoft Corporation  
MidAmerican Energy Company  
MidAmerican Energy Services, LLC  
MidAtlantic Power Partners, LLC  
Mid-Atlantic Renewable Energy Coalition  
Middlesex County Utilities Authorities  
Middlesex Energy Center, LLC  
Midwest Energy Trading East LLC  
Midwest Generation, LLC  
Milan Energy LLC  
Milford Solar LLC  
Mint Energy, LLC

Mississippi Power Company  
Monmouth Energy, Inc.  
Monongahela Power Company d/b/a/ Allegheny Power  
Monterey MA, LLC  
Monterey MAF, LLC  
Montour, LLC  
Morgan Stanley Capital Group, Inc.  
Morgan Stanley Services Group Inc.  
Morgans Corner Solar Energy LLC  
Morris Cogeneration, L.L.C  
Mosaic Power, LLC  
Moundsville Power, LLC  
Moxie Freedom LLC  
MP2 Energy NE, LLC  
MP2 Energy, LLC  
MPCF I, LLC  
MPower Energy NJ LLC  
Mt. Carmel Cogeneration Inc.  
Nalcor Energy Marketing Corporation  
NATGASCO d/b/a/ Supreme Energy, Inc.  
National Gas & Electric, LLC  
Natural Gas Exchange Inc.  
Nautilus Solar Energy, LLC  
NedPower Mount Storm, LLC  
Negawatt Business Solutions  
Negawatt Business Solutions, Inc.  
NEPM II, LLC  
Neptune Regional Transmission System, LLC  
NERC-Middlesex Solar I, LLC  
Newark Energy Center, LLC  
New Covert Generating Company, LLC  
New Jersey Division of the Ratepayer Advocate  
New York Power Authority  
New York State Electric & Gas Corporation  
Newark Bay Cogeneration Partnership, L.P.  
NextEra Energy Power Marketing, LLC  
NextEra Energy Services Illinois, LLC  
NextEra Energy Services New Jersey, LLC  
NextEra Energy Transmission, LLC  
Nittany Energy, LLC  
NJR Clean Energy Ventures Corporation  
NJR Clean Energy Ventures II Corporation  
Noble Americas Energy Solutions, LLC  
Noble Americas Gas & Power Corp.  
Nordic Energy Services LLC  
North American Natural Resources – SBL, 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.  
Northeast Maryland Waste Disposal Authority  
Northeast Transmission Development, LLC  
Northeastern REMC  
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.  
NRG Curtailment Solutions, Inc.  
NRG Potomac River LLC  
NRG Power Marketing, LLC  
NRG Power Midwest LP  
NRGStream LLC  
NTE Carolinas, LLC  
NTE Ohio, LLC  
NuEnergen, LLC  
NYSEG Solutions, Inc.  
Oasis Power, LLC dba Oasis Energy  
Occidental Power Services, Inc.  
Oceanside Power, LLC  
OCI Solar Power, LLC  
Office of the Attorney General, Kentucky  
Office of the People's Counsel for the District of Columbia  
Ohio Consumer's Counsel  
Ohio Edison Company  
Ohio Power Company  
Ohio Valley Electric Corporation  
Old Dominion Electric Cooperative  
Olympus Power, LLC  
Ontario Power Generation Energy Trading, Inc.  
Ontario Power Generation Inc.  
Ontelaunee Power Operating Company  
Oregon Clean Energy, LLC  
Orthogonal Energy, LLC  
Owensboro Municipal Utilities  
Oxbow Creek Energy LLC  
Oxford Energy Services, LLC  
Ozark International, Inc.  
P.H. Glatfelter Company  
Pacific Summit Energy LLC

Palmco Power DC, LLC  
PALMco Power DE, LLC  
Palmco Power IL, LLC  
Palmco Power MD, LLC  
Palmco Power NJ, LLC  
Palmco Power OH, LLC  
Palmco Power PA, LLC  
PALMco Power VA, LLC  
Pan Capital Management, Ltd.  
Panda Hummel Station LLC  
Panda Liberty LLC  
Panda Patriot LLC  
Panda Stonewall LLC  
Panther Creek Power Operating, LLC  
Park Power LLC  
Parma Energy LLC  
PATH Allegheny Transmission Company, LLC  
PATH West Virginia Transmission Company, LLC  
Patton Wind Farm, LLC  
Paulding Wind Farm II LLC  
PBF Power Marketing, LLC  
PECO Energy Company  
Pedricktown Cogeneration Company LP  
PEI Power Corporation  
PEI Power II, LLC  
Peninsula Power, LLC  
Penncat Corporation  
Pennsylvania Electric Company  
Pennsylvania Office of Consumer Advocate  
Pennsylvania Power Company  
Pennsylvania Renewable Resources, Associates  
Pentacles Electric, LLLP  
Pepco Energy Services, Inc.  
Perigee Energy, LLC  
PG Energy Services Inc. d/b/a/ PG Energy Power Plus  
Philadelphia Energy Solutions Refining and Marketing LLC  
Physical Systems Integration LLC  
Piedmont Energy Fund, L.P.  
Pine Hill Energy LLC  
Pinnacle Power LLC  
PJLB LLC  
PJS Capital, LLC  
Plain Rights, LLC  
Planet Energy (Maryland) Corp.  
Planet Energy (Pennsylvania) Corp.  
Planet Energy (USA) Corp.



Plant-E Corp.  
Plymouth Rock Energy, LLC  
Plutus Trading Company, LP  
Portsmouth Genco, LLC  
Potomac Edison Company (The) d/b/a/ Allegheny Power  
Potomac Electric Power Company  
Power Dave Fund LLC  
Power Engineers, Incorporated  
Power Generation Services, Inc.  
Powerex Corporation  
Power Supply Services, LLC  
PPGI Fund A/B Development, LLC  
PPL Electric Utilities Corporation dba PPL Utilities  
Prairieland Energy, Inc.  
Praxair, Inc.  
Precept Power LLC  
Procter & Gamble Paper Products Company (The)  
Property Endeavors LLC  
Providence Heights Wind, LLC  
Provision Power and Gas, LLC  
PSEG Energy Resources & Trade LLC  
PSEG Fossil LLC  
PSEG Nuclear LLC  
Public Power, LLC(CT)  
Public Service Electric and Gas Company  
Public Staff – North Carolina Utilities Commission  
Pure Energy, Inc.  
Quasar Energy Group, LLC  
Raiden Commodities LP  
Rainbow Energy Marketing Corporation  
Rainbow Energy Ventures LLC  
Raven Power Marketing LLC  
RBC Energy Services LP  
RC Cape May Holdings, LLC  
Realgy, LLC  
Recurrent Energy, LLC  
Red Glen Energy LLC  
Red Oak Power, LLC  
Red Wolf Energy Trading, LLC  
Red Wolf PT, LLC  
Reliant Energy Northeast, LLC  
Renaissance Power, LLC  
Renaissance Power & Gas, Inc.  
Repsol Energy North America Corporation  
RES America Developments Inc.  
ResCom Energy, LLC

Residents Energy, L.L.C.  
Respond Power, LLC  
Richland-Stryker Generation LLC  
RI-Corp. Development, Inc.  
Ringer Hill Wind, LLC  
Riverside Generating Company, L.L.C.  
RJUMR Energy Partners Corp.  
Robinson Power Company, LLC  
Rochester Gas and Electric Corporation  
Rock Island Clean Line LLC  
Rockland Electric Company  
Rolling Hills Generating, L.L.C.  
Roth Rock Wind Farm, LLC  
Roundtop Energy LLC  
Royal Bank of Canada  
RPA Energy, Inc.  
R.R. Donnelley & Sons Company  
RRI Energy Services, LLC  
RRI Energy Solutions East, LLC  
RTP Controls, Inc  
Rushmore Energy, LLC (new).  
S.J. Energy Partners, Inc.  
Sabot Energy, LLC  
Safe Harbor Water Power Corporation  
Safeway Inc.  
Santanna Energy Services  
Sapphire Power Marketing LLC  
Saracen Energy East LP  
Saracen Energy Midwest LP  
Saracen Energy West LP  
Saracen Power LP  
Saugatuck River Power Trading LLC  
Schuylkill Energy Resources, Inc.  
Scrubgrass Generating Company, L.P.  
Scylla Energy LLC  
SESCO ENTERPRISES LLC  
Severn River Power LLC  
Seward Generation, LLC  
SFE Energy Pennsylvania, Inc.  
SFE Energy, Inc.  
SFE Energy NJ, Inc.  
Shell Energy North America (U.S.), L.P.  
ShIPLEY Choice LLC  
Siemens Industry, Inc.  
Smart Wire Grid, Inc.  
SmartEnergy Holdings, LLC

SNC-Lavalin Constructors, Inc.  
Solea Energy, LLC  
Solios Power Mid-Atlantic Trading, LLC  
Solios Power Mid-Atlantic Virtual LLC  
Source Power & Gas LLC  
South Carolina Electric & Gas Company  
South Field Energy LLC  
South Jersey Energy Company  
Southard Energy Partners LLC  
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  
Southland Industries  
Spark Energy, LLC  
Sperian Energy Corp  
Spring Energy RRH, LLC dba Spring Power & Gas  
Star Energy Partners LLC  
Starion Energy PA, Inc.  
STATARB INVESTMENTS LLC  
St. Joseph Energy Center, LLC  
Stoney Creek Wind Farm, LLC  
Strategic Transmission LLC  
Stream Energy Columbia, LLC  
Stream Energy Maryland, LLC  
Stream Energy New Jersey, LLC  
Stream Energy Pennsylvania, LLC  
Suffolk Fund LLC  
Summer Energy of Ohio LLC  
SunCoke Energy, Inc  
Sunico LLC  
Sunwave USA Holdings Inc.  
Susquehanna Nuclear, LLC  
Sustaining Power Solutions LLC  
Switch Energy, LLC  
Syncarpha Solar, LLC  
Talen Energy Marketing, LLC  
Tangent Energy Solutions, Inc.  
TAQA Gen X LLC  
Targray Americas Inc.  
Tatanka Wind Power, LLC  
TEC Energy Inc.  
TEC Trading, Inc.  
Tenaska Pennsylvania Partners, LLC  
Tenaska Power Services Co.

Tenaska Virginia Partners, L.P.  
Tennessee Valley Authority (The)  
TERM Power & Gas, LLC  
Texas Retail Energy, LLC  
The Hartz Group  
The Highlands Energy Group, LLC  
The Mobility House, LLC  
THG Energy Solutions, LLC  
Thurmont Municipal Light Company  
Tilton Energy, LLC  
Titan Gas and Power  
TJM, Inc.  
Toledo Edison Company (The)  
Torofino Trading, LLC  
Town of Berlin, Maryland  
Town of Front Royal, Virginia  
Town of Williamsport  
Town Square Energy East, LLC  
TrailStone Power, LLC  
Trans-Allegheny Interstate Line Company  
TransAlta Energy Marketing (US) Inc.  
TransCanada Power Marketing, Ltd.  
TranSource, LLC  
Transource Energy, LLC  
Transource West Virginia, LLC  
Tri-County Rural Electric Cooperative, Inc.  
Trident Retail Energy, LLC  
TriEagle Energy, LP  
Triolith Energy Fund, LP  
TrueLight Commodities, LLC  
TrueLight Energy Fund, LP  
Trumpet Trading Group, LLC  
Trustees of the University of Pennsylvania  
Twin Cities Power, LLC  
Twin Eagle Resource Management, LLC  
Tyne Hill Investments LP  
UGI Development Company  
UGI Energy Services, LLC  
UGI Utilities, Inc.  
Uncia Energy LP – Series B  
Union Electric Company d/b/a Ameren Missouri  
Union Power Partners, L.P.  
Uniper Global Commodities North America, LLC  
University Park Energy, LLC  
Valent Energy, LLC  
Valley Group, Inc., a Nexans Company

VCharge, Inc.  
VECO Power Trading, LLC  
Vel Energy, LP  
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 State Corporation Commission  
Viridian Energy PA, LLC  
Viridity Energy, Inc.  
Virtual Power Hedging, LLC  
Vitol, Inc.  
Wabash Valley Power Association, Inc.  
Volunteer Energy Services, Inc.  
Wellsboro Electric Company  
West Chicago Battery Storage LLC  
West Deptford Energy II, LLC  
West Deptford Energy, LLC  
West Oaks Energy, L.P.  
West Penn Power Company d/b/a/ Allegheny Power  
West Virginia Consumer Advocate Division  
Westar Energy, Inc.  
Western Reserve Energy Services, LLC  
Westmoreland Partners  
Weston Solutions, Inc.  
Westwood Generation, LLC  
WGL Energy Services, Inc.  
Wheelabrator Baltimore, L.P.  
Wheelabrator Falls Inc.  
Wheelabrator Frackville Energy Co Inc.  
Wheelabrator Gloucester Company, L.P.  
Wheelabrator Portsmouth, Inc.  
Wheeling Power Company  
Wildcat Wind Farm I, LLC  
Willey Battery Utility, LLC  
Windy Bay Power LLC  
Wisconsin Electric Power Company  
Wisconsin Power and Light Company  
WM Renewable Energy, LLC  
Wolf Hills Energy, LLC  
Wolverine Holdings, L.P.

Wolverine Power Supply Cooperative, Inc.  
Wolverine Trading, LLC  
WPPI Energy  
Wyandot Solar LLC  
Wylan Energy, L.L.C.  
XO Energy CAL2 LP  
XO Energy MA, LP  
XO Energy MA2, LP  
XO Energy NY2 LP  
Xoom Energy Maryland, LLC  
Xoom Energy New Jersey, LLC  
XOOM Energy Ohio, LLC  
XOOM Energy Washington D.C., LLC  
Xoom Energy, LLC  
Yasmin Partners LLC  
Yes Energy LLC  
York County Solid Waste and Refuse Authority  
York Generation Company LLC  
York Haven Power Company, LLC  
ZF Energy Development, 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  
Abest Power & Gas, LLC  
Agway Energy Services, LLC  
Algonquin Energy Services Inc.  
Allegheny Electric Cooperative, Inc.  
Allegheny Energy Supply Company, L.L.C.  
Alpaca Energy LLC  
Alpha Gas and Electric LLC  
Ambit Northeast, LLC  
American Edison 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 Illuminating Company, LLC  
American Municipal Power, Inc.  
American Power & Gas of Ohio, LLC  
American Power & Gas of Pennsylvania, LLC  
American Power & Gas of NJ, LLC  
American Power Partners LLC  
American PowerNet Management, L.P.  
American Transmission Systems, Inc.  
AP Gas and Electric (PA), LLC  
APN Starfirst, LP  
ArcelorMittal USA LLC  
Arrow Energy RRH, LLC  
Aspirity Energy, LLC  
Atlantic City Electric Company  
Atlantic Energy MD, LLC  
Baltimore Gas and Electric Company  
Baltimore Power Company LLC  
Barclays Capital Services, Inc  
Bargain Energy, LLC  
Batavia, IL (City of)  
BBPC LLC d/b/a Great Eastern Energy  
Blackstone Wind Farm, LLC



Blue Ridge Power Agency, Inc.  
BlueRock Energy, 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  
Brighten Energy LLC  
BTG Pactual Commodities (US) LLC  
Capital Energy, LLC  
Cargill Power Markets LLC  
Central Virginia Electric Cooperative  
Centre Lane Trading Limited  
CES Retail Energy Supply, LLC  
Champion Energy Marketing LLC  
Champion Energy, LLC  
Choice Energy, LLC dba 4 Choice Energy, LLC  
Cincinnati Bell 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 Philippi - West VA  
City of Rochelle  
Clearview Electric, Inc.  
Cleveland Electric Illuminating Company Collegiate Clean Energy, LLC  
Commerce Energy, Inc.  
Commonwealth Edison Company  
Conectiv Energy Supply, Inc.  
ConocoPhillips Company  
Consolidated Edison Energy, Inc.  
Consolidated Edison Solutions, Inc.  
Constellation Energy Power Choice, LLC  
Constellation Energy Services, Inc.  
Constellation NewEnergy, Inc.  
Constellation Power Source Generation, LLC  
Credit Suisse (USA), Inc.

Current Power & Gas Inc.  
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 Business Marketing, LLC  
Direct Energy Services, LLC  
Discount Power, Inc.  
Downes Associates, Inc.  
DPL Energy Resources, Inc.  
DTE Energy Trading, Inc.  
Duke Energy Kentucky, Inc.  
Duke Energy Ohio, Inc.  
Duke Energy Retail Sales, LLC  
Duquesne Light Company  
Duquesne Light Energy, LLC  
Dynegy Energy Services, LLC  
Dynegy Kendall Energy, LLC  
East Coast Power & Gas of New Jersey, LLC  
East Kentucky Power Cooperative, Inc.  
Easton Utilities Commission  
EDF Energy Services, LLC  
EDF Trading North America, LLC  
Eligio Energy, LLC  
Energetix, Inc.  
Energy America, LLC  
Energy Cooperative Association of Pennsylvania (The)  
Energy Cooperative of America, Inc.  
Energy Plus Holdings LLC  
Energy Services Providers, Inc.  
Energy Technology Savings, Inc.  
Energy Transfer Retail Power, LLC  
Energy.me Midwest llc d/b/a energy.me  
EnerPenn USA, LLC  
Entrust Energy East, Inc.  
Evergreen Gas & Electric, LLC  
Everyday Energy, LLC  
Exelon Generation Co., LLC  
First Point Power, LLC  
FirstEnergy Solutions Corp.  
Front Royal (Town of)  
Galt Power Inc.  
Gateway Energy Services Corporation

GDF Suez Retail Energy Solutions, LLC  
GenOn Power Midwest, LP  
Gerdau Ameristeel Energy, Inc.  
Glacial Energy of New Jersey, Inc.  
Great American Power, LLC  
Greenlight Energy Inc.  
Green Mountain Energy Company  
Guttman Energy, Inc.  
Hagerstown Light Department  
Harborside Energy, LLC  
Harrison REA, Inc. - Clarksburg, WV  
HIKO Energy, LLC  
Holcim (US) Inc.  
Hoosier Energy REC, Inc.  
HSBC Technology & Services (USA), Inc.  
Hudson Energy Services, LLC  
IDT Energy, Inc.  
Illinois Municipal Electric Agency  
Illinois Power Marketing Company  
Ingenco Holdings, LLC  
Inspire Energy Holdings, LLC  
Iron Energy LLC  
J. Aron & Company  
J.P. Morgan Ventures Energy Corporation  
Jack Rich, Inc. d/b/a Anthracite Power & Light Company  
Jersey Central Power & Light Company  
Josco Energy USA, LLC  
Kuehne Chemical Company, Inc.  
L & P Electric Inc., d/b/a Leggett & Platt Electric Inc.  
Land O'Lakes, Inc.  
Liberty Power Corp., L.L.C.  
Liberty Power Delaware LLC  
Liberty Power Holdings LLC  
LifeEnergy, LLC  
Linde Energy Services, Inc.  
Lower Electric, LLC  
Lykins Oil Company d/b/a Lykins Energy Solutions  
Macquarie Cook Energy LLC  
Mansfield Power and Gas, LLC  
Major Energy Electric Services LLC  
MC Squared Energy Services, LLC  
Meadow Lake Wind Farm II LLC  
Meadow Lake Wind Farm III LLC  
Meadow Lake Wind Farm IV LLC  
Meadow Lake Wind Farm LLC  
MeadWestvaco Corporation

Mega Energy Holdings, LLC  
Metropolitan Edison Company  
MidAmerican Energy Company  
MidAmerican Energy Services, LLC  
Mint Energy, LLC  
Morgan Stanley Capital Group, Inc.  
Morgan Stanley Services Group Inc.  
MP2 Energy NE, LLC  
MPower NJ LLC  
NATGASCO d/b/a/ Supreme Energy, Inc.  
National Gas & Electric, LLC  
Nextera Energy Services New Jersey, LLC  
Nextera Energy Services, Illinois, LLC  
Nittany Energy, LLC  
Noble Americas Energy Solutions LLC  
Noble Americas Gas & Power Corp.  
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 Virginia Electric Cooperative – NOVEC  
NRG Power Marketing, L.L.C.  
NYSEG Solutions, Inc.  
Oasis Power, LLC dba Oasis Energy  
Occidental Power Services, Inc.  
Ohio Edison Company  
Old Dominion Electric Cooperative  
Oxford Energy Services, LLC  
Palmco Power DC, LLC  
PALMco Power DE, LLC  
Palmco Power IL, LLC  
Palmco Power MD, LLC  
Palmco Power NJ, LLC  
Palmco Power OH, LLC  
Palmco Power PA, LLC  
PALMco Power VA, LLC  
Park Power LLC  
Parma Energy, LLC  
PBF Power Marketing LLC  
PECO Energy Company  
Pennsylvania Electric Company  
Pennsylvania Power Company  
PEPCO Energy Services, Inc.  
Pinnacle Power LLC  
Planet Energy (Maryland) Corp.

Planet Energy (Pennsylvania) Corp.  
Planet Energy (USA) Corp.  
Plymouth Rock Energy, LLC  
Potomac Electric Power Company  
PPL Electric Utilities Corporation d/b/a PPL Utilities  
Prairieland Energy, Inc.  
Provision Power and Gas, LLC  
PSEG Energy Resources and Trade LLC  
Public Power, LLC (CT)  
Public Service Electric & Gas Company  
Realgy, LLC  
Red Oak Power, LLC  
Renaissance Power & Gas, Inc.  
ResCom Energy, LLC  
Residents Energy, L.L.C.  
Respond Power LLC  
Riverside Generating, LLC  
Rolling Hills Generating, LLC  
RPA Energy, Inc.  
R.R. Donnelley & Sons Company  
RRI Energy Services, LLC  
RRI Energy Solutions East, LLC  
Rushmore Energy, LLC (new)  
S.J. Energy Partners, Inc.  
Santanna Energy Services  
SFE Energy, Inc.  
SFE Energy NJ, Inc.  
Shipley Choice LLC  
Solios Power Mid-Atlantic Trading LLC  
Source Power & Gas LLC  
South Jersey Energy Company  
Southeastern Power Administration  
Southern Indiana Gas & Electric  
Southern Maryland Electric Cooperative, Inc.  
Spark Energy, LLC  
Sperian Energy Corp  
Spring Energy RRH, LLC dba Spring Power & Gas  
Star Energy Partners LLC  
Starion Energy PA Inc.  
Stream Energy Columbia, LLC  
Stream Energy Maryland, LLC  
Stream Energy New Jersey, LLC  
Stream Energy Pennsylvania, LLC  
Summer Energy of Ohio LLC  
Sunwave USA Holdings LLC  
Switch Energy, LLC

Talen Energy Marketing, LLC  
Tenaska Power Services Co.  
TERM Power & Gas, LLC  
Texas Retail Energy, LLC  
Thurmont Municipal Light Company  
Titan Gas and Power  
Toledo Edison Company (The)  
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.  
Trident Retail Energy, LLC  
TriEagle Energy, LP  
Trustees of the University of Pennsylvania  
Twin Eagle Resource Management, LLC  
UGI Energy Services, LLC  
UGI Utilities, Inc. - Electric Division  
VCharge, Inc.  
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  
Wabash Valley Power Association, Inc.  
Wellsboro Electric Company  
West Penn Power Company d/b/a Allegheny Power  
WGL Energy Services, Inc.  
Xoom Energy Maryland, LLC  
Xoom Energy New Jersey, LLC  
XOOM Energy Ohio, LLC  
Xoom Energy, LLC  
York Generation Company, LLC

# **Attachment 3**

List of Member Withdrawals  
(with effective dates)

**PJM Interconnection, L.L.C.**  
**Withdrawn Members**  
**April 1, 2016 through June 30, 2016**

<b><u>Company Name</u></b>	<b><u>Effective Date</u></b>
Tokamak Energy Fund I, LP	4/3/2016
SunEdison Storage Solutions, LLC	4/7/2016
Talen Ironwood, LLC	5/3/2016
City Power Marketing, LLC	5/3/2016
Keys Energy Center LLC	6/5/2016
CSC Arbitrage Group LLC	6/7/2016
NE Energy Trading Company, LLC	6/8/2016



# **Attachment 4**

List of New Members  
(with effective dates)

**PJM Interconnection, L.L.C.**  
**New Members**  
**April 1, 2016 through June 30, 2016**

<b><u>Company Name</u></b>	<b><u>Effective Date</u></b>
Wolverine Holdings, L.P.	4/4/2016
Eastern Generation, LLC	4/11/2016
Suffolk Fund LLC	4/13/2016
York Haven Power Company, LLC	4/13/2016
Cube Hydro Partners, LLC	4/13/2016
The Mobility House, LLC	4/13/2016
AXPO U.S. LLC	4/20/2016
Birdsboro Power LLC	4/20/2016
Boston Energy Group, Inc.	5/3/2016
Pine Hill Energy LLC	5/3/2016
Clean Energy Future - Lordstown, LLC	5/3/2016
LQA, LLC	5/5/2016
Southland Industries	5/11/2016
North Hanover Solar W2-082, LLC	5/12/2016
South Field Energy LLC	5/12/2016
Severn River Power LLC	5/13/2016
Recurrent Energy, LLC	5/16/2016
Coastal Strategies, LLC	5/19/2016
Provision Power and Gas, LLC	5/20/2016
PALMco Power DE, LLC	5/25/2016
PALMco Power VA, LLC	5/25/2016
East Coast Power & Gas of New Jersey, LLC	6/1/2016
Eastern Shore Solar LLC	6/9/2016
Big Bend Trading, LLC	6/23/2016
CES Retail Energy Supply, LLC	6/23/2016

# **Attachment 5**

List of Member Corporate Name Changes  
(with effective dates)

**PJM Interconnection, L.L.C.**  
**Member Corporate Name Changes**  
**April 1, 2016 through June 30, 2016**

<u>New Company Name</u>	<u>Previous Company Name</u>	<u>Effective Date</u>
Aspirity Energy, LLC	Aspirity Energy Mid-States, LLC	04/25/16
Coastal Wind and Solar Resources, LLC	Coastal Wind Resources, LLC	04/28/16
Covanta Union, LLC	Covanta Union, Inc.	05/04/16
High Resolution Energy, LLC	High Resolution Energy	05/05/16
Morgan Stanley Services Group Inc.	Corporate Services Support Corp	05/12/16
Engelhart CTP (US) LLC	BTG Pactual Commodities (US) LLC	05/19/16
Brookfield Power Piney & Deep Creek LLC*	Brookfield Power Piney & Deep Creek, LLC	06/02/16
Hawks Nest Hydro LLC*	Hawks Nest Hydro, LLC	06/02/16
Avangrid Renewables, LLC	IBERDROLA RENEWABLES, LLC	06/07/16
CleanChoice Energy, Inc.	Ethical Electric, Inc.	06/24/16
ETC Endure Energy L.L.C.*	ETC Endure Energy, LLC	06/28/16

\* These name changes are simply PJM's corrections to punctuation, spelling, and/or corrections to make the member's corporate name match their corporate name exactly as it appears on their state filed documents.