



PJM Interconnection, L.L.C.
2750 Monroe Boulevard
Audubon, PA 19403

Steven R. Pincus
Associate General Counsel
T: (610) 666-4438 | F: (610) 666-8211
steven.pincus@pjm.com

February 18, 2021

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. ER22-_____-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")¹ 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Load Serving Entities in the PJM Region ("RAA"), Schedule 17, to update these lists to include new members, remove withdrawn members, reflect the signatories to the RAA, and reflect Member corporate name changes for the third and fourth quarter of 2021.

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

¹ 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.² PJM also added Operating Agreement, Schedule 12 that lists all current PJM Members.³ The Commission accepted the December 6 Filing by order dated February 21, 2003.⁴

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all the current PJM Members and includes updates to reflect (1) the addition of new PJM Members; (2) the removal of withdrawn PJM Members; and (3) PJM Members' corporate name changes up to, and including, December 30, 2021 the last new Member addition or Member name change amendments to the list of Members.

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 December 30, 2021.

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

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

³ Q6 Filing at 2.

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

“...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 December 30, 2021 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.*, December 30, 2021). 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.
1200 G Street, N.W, Suite 600
Washington, D.C. 20005
(202) 423-4743
craig.glazer@pjm.com

Steven R. Pincus
Associate General Counsel
PJM Interconnection, L.L.C.
2750 Monroe Blvd.
Audubon, PA 19403
(610) 666-4438
steven.pincus@pjm.com

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 regulations⁵ pursuant to Order No. 714⁶ 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

⁵ See, 18 C.F.R. §§ 35.2, 154.2, 154.208 and 341.2.

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

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 Region⁷ 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
Associate General Counsel
PJM Interconnection, L.L.C.

⁷ 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**

527 Energy Inc.
7 Bridges Solar, LLC
AC Energy, LLC
Acciona Energy North America Corporation (AENAC)
ACT Commodities Inc.
~~ADG Group 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
Affirmed Energy LLC
Aggressive Energy LLC
Agile Energy Trading LLC
Agway Energy Services, LLC
Air Products & Chemicals, Inc.
Alabama Power Company
Alegria Fund, LP
Algonquin Energy Services, Inc.
All American Power and Gas, LLC
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
Altro Power LLC
Altus Power America, 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
Amity Energy LLC
AMP Transmission, LLC
Anbaric Development Partners, 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 Inc.~~
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
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
~~Berks Hollow Energy Associates, LLC~~
Bernards Solar, LLC
BIF II Safe Harbor Holding LLC
BIF III Holtwood LLC
Big Bend Trading, LLC
Big Level Wind LLC
Big Rivers Electric Corporation
Big Sandy Peaker Plant, LLC
Big Savage, LLC
Big Sky Wind, LLC
~~BioUrja Power, 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
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 Energy Company
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
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
Capital Energy PA LLC d/b/a Sunrise Power and Gas
Cardinality Energy LLC
Carolina Power Partners, LLC
~~Carolina Solar Energy III, LLC~~
Carroll County Energy LLC
Castleton Commodities Merchant Trading L.P.
[Catalyst Power & Gas LLC](#)
Central Electric Power Cooperative, Inc.
Central Transmission, LLC
Central Virginia Electric Cooperative
Centre Lane Trading Limited
Centrica Business Solutions Optimize, LLC
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
Cincinnati Bell 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
Clear Power LLC
Cleveland-Cliffs Steel Corporation
Cleveland-Cliffs Steel LLC
Cleveland Electric Illuminating Company
Click Energy, LLC
CMS Energy Resource Management Company
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.
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
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 Crane LLC
CP Energy Marketing (US) Inc.
CPV Fairview, LLC
CPV Keasbey, LLC
CPV MARYLAND, LLC
CPV Power Holdings, LP
CPV Shore, LLC
CPV Three Rivers, LLC
Credit Suisse (USA), Inc.
Crescent Ridge LLC
Crete Energy Venture, 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 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
Doswell Limited Partnership

DPL Energy Resources, LLC
DTE Atlantic, LLC
DTE Energy Trading, Inc.
~~DTN, LLC~~
~~Dufossat Capital I, 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. LLC~~
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
~~EcoFactor, Inc.~~
EcoGrove Wind, LLC
EDF Trading North America, LLC
EDP Energy Services, LLC
EDP Renewables North America, LLC
EF Kenilworth LLC
EFS Parlin Holdings, LLC
Elgin Energy Center, LLC
Eligo Energy, LLC
Elk Hill Solar 1, LLC
Elk Hill Solar 2, LLC
Elliot Bay Energy Trading, LLC
Elmagin Power Fund 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.
Energy Authority, Inc. (The)
Energy Center Dover LLC
Energy Cooperative Association of Pennsylvania
Energy Cooperative of America, Inc.
Energy Harbor LLC
~~EnergyHub, Inc.~~
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
ENGIE Retail, LLC
EnPowered USA Inc.
Entergrid Fund I LLC
EPP Renewable Energy, LLC
~~ESC Brook County Power I, LLC~~
ESC Harrison County Power, LLC
Essential Power OPP, LLC
Essential Power Rock Springs, LLC
ETC Endure Energy L.L.C.
Evergreen Community Power
Evergreen Gas & Electric, LLC
Eversource Kansas Central, Inc.
Eversource Metro, Inc.
Everyday Energy, LLC
Exelon Business Services Company, LLC
Exelon Generation Company, LLC
Fairless Energy, L.L.C.
Fantods LLC
Fermata, LLC
Fern Solar LLC

First Point Power, LLC
FiTran Fund LP
Five Elements Energy LLC
Five Forks Solar, LLC
Florey Knob Energy 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
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
Genbright LLC
Gen IV Investment Opportunities, LLC
GenOn Energy Management, LLC
GenOn Mid-Atlantic, LLC
GenOn Potomac River, 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
Go Energy LP
Grand Energy, LLC
Grand Ridge Energy LLC
Grand Ridge Energy II LLC
Grand Ridge Energy III LLC
Grand Ridge Energy IV LLC

Grand Ridge Energy V LLC
Grand Ridge Energy Storage, LLC
Granger Energy of Honey Brook, LLC
[Grantham Energy Corporation](#)
Grays Ferry Cogeneration Partnership
Great American Gas & Electric, LLC
Great American Power, LLC
Great Barrington Energy Fund LP
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.
Grid Power Direct, LLC
Group628, LLC
GSG, LLC
GSG 6, LLC
Guernsey Power Station LLC
[Guidehouse Inc.](#)
Gulf Power Company
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
Handsome Lake Energy, LLC
Harborside Energy, LLC
Hardin Solar Energy LLC
Hardin Wind LLC
Harrison REA, Inc. – Clarkesburg, WV
Hartree Partners, LP
Harts Mill Solar, LLC
Hawks Nest Hydro LLC
Hazle Spindle, LLC
Hazleton Generation LLC
Headwaters Wind Farm LLC
Headwaters Wind Farm II 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 Trail Wind Farm LLC
~~HKO Energy, LLC~~
Hillcrest Solar I, LLC
Hill Energy Resource & Services, LLC
Hill Top Energy Center, LLC
Holcim (US), Inc.
Holocene Finance, LLC
Homer City Generation, LP
Hoosier Energy REC, Inc.
Hop Bottom Energy LLC
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)
Industrial Energy Users-Ohio
Inertia Power I, LLC
Ingenco Wholesale Power, LLC
Innergex Renewable USA LLC
~~Innogy Energy Services LLC~~
Innoventive Power LLC
Inspire Energy Holdings, LLC
Intelligent Generation LLC

International Paper Company
Interstate Gas Supply, Inc.
Interstate Power and Light Company
Invenergy Energy Management LLC
Invenergy LLC
Invenergy Nelson Expansion LLC
Invenergy Nelson LLC
IPKeys Power Partners, Inc.
ISO 1, LLC
ITC Interconnection LLC
ITC Mid-Atlantic Development LLC
Jack Rich, Inc. d/b/a Anthracite Power & Light Company
Jackson Generation, LLC
Jane Street Energy Trading, LLC
J. Aron & Company LLC
Jersey-Atlantic Wind, LLC
Jersey Central Power & Light Company
Jersey Green Energy, LLC
Joliet Battery Storage LLC
Josco Energy IL LLC
Josco Energy USA, LLC
JP Morgan Ventures Energy Corporation
Just Energy Solutions Inc.
KDC Solar Green Power LLC
Kendall Power Company LLC
Keni Energy LLC
Kentucky Municipal Energy Agency
Kentucky Power Company
Kentucky Power Trading LLC (dba Kentucky Energy Trading Co.)
Kestrel Acquisition, LLC
KeyCon Power Holdings LLC
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
Kiyoshi Technologies, 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
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 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
Lightstone Marketing 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
~~LSC Communications US, LLC~~
LSP University Park, LLC
LTSTE Investments, LLC
~~Lykins Oil Company d/b/a Lykins Energy Solutions~~
Macquarie Energy LLC
Macquarie Energy Trading LLC
~~Madison Gas and Electric Co. MAF Trading, LLC~~
MAG Energy Solution, Inc.
Mahoning Creek Hydroelectric Company, LLC
Major Energy Electric Services, LLC
Manatee Transmission LLC
Maple Analytics, LLC
Marathon Power LLC DBA Marathon Energy
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 Holdings, 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
~~Metropolitan Water Reclamation District of Greater Chicago~~
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
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
Neighborhood Sun Benefit Corp.
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 Corp
New York Power Authority
New York State Electric & Gas Corporation
Newark Bay Cogeneration Partnership, L.P.
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.
~~Nittany Energy, 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

~~Northland Power Energy Marketing (US) Inc.~~

NorthPoint Energy Solutions, Inc.

Northstar Trading Ltd.

Northwest Ohio Wind, LLC

NRG Curtailment Solutions, Inc.

NRG Power Marketing, LLC

NRGStream LLC

NTE Ohio, LLC

nTherm, LLC

NuEnergen, LLC

~~Oasis Power, LLC dba Oasis Energy~~

OCI Solar Power, 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 River Partners Shareholder LLC~~

Ohio Valley Electric Corporation

Old Dominion Electric Cooperative

Olympus Power, LLC

One Energy Enterprises LLC

Ontario Power Generation Energy Trading, Inc.

Ontario Power Generation Inc.

Ontelaunee Power Operating Company, LLC

Oregon Clean Energy, LLC

Orencia US LLC

Orsted Onshore North America, LLC

~~Orsted US Trading LLC~~

Osaka Gas USA Corporation

Owensboro Municipal Utilities

Oxbow Creek Energy LLC
OYA Solar NY, L.P.
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 OH, LLC~~
Palmco Power PA, LLC
PALMco Power VA, LLC
~~Panda Stonewall LLC~~
Panther Creek Power Operating, LLC
Park Power 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
Piedmont Energy Fund, L.P.
Pilot Power Group, LLC
Pine Gate Mid-Atlantic, LLC
Pine Hill Energy LLC

Pinesburg Solar LLC
Pinnacle Power LLC
Pixelle Specialty Solutions 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
PPGI Fund A/B Development, LLC
PPL Electric Utilities Corporation dba PPL Utilities
Prairieland Energy, Inc.
Praxair, Inc.
Precept Power LLC
~~Presto Energy, LLC~~
Procter & Gamble Paper Products Company (The)
~~Prosionta LLC~~
Providence Heights Wind, LLC
Provision Power and Gas, LLC
PSEG Energy Resources & Trade LLC
PSEG Energy Solutions LLC
PSEG Fossil 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 Glen Energy LLC
Red Oak Power, LLC
Red Wolf ~~TX2PT~~, LLC
Refinitiv US LLC
Reliant Energy Northeast, LLC
Renaissance Power, 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
[Richfield Solar Energy LLC](#)
Richland-Stryker Generation LLC
RI-Corp. Development, Inc.
Ringer Hill Wind, LLC
[RiverCrest Power-South, LLC](#)
Riverside Generating Company, L.L.C.
[Riverstart Solar Park LLC](#)
Robinson Power Company, LLC
Robison Energy (Commercial) 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.
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 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
Schuylkill Energy Resources, Inc.
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
Southampton Solar LLC
South Bay Energy Corp.
Southeastern Chester County Refuse Authority
Southeastern Power Administration
[Southern Energy Solution Group LLC](#)
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
sPower Energy Marketing, LLC
Spring Energy RRH, LLC dba Spring Power & GasSpruance Genco, LLC
Spruance Operating Services, LLC
Spruce Power Trading, LLC
Standard Gas & Electric, LLC
Star Energy Partners LLC
Starion Energy PA, Inc.
Star Jasmine Houston LLC
STATARB INVESTMENTS LLC
[Sterling Partners Energy Investors LLC](#)
St. Joseph Energy Center, 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
~~Sun Tribe Solar, LLC~~
Sunwave USA Holdings Inc.
Susquehanna Nuclear, LLC
Sustaining Power Solutions LLC
Syncarpha Solar, LLC
SYSO LLC
Tait Electric Generating Station, LLC
Talen Energy Marketing, LLC
Taller Cube, LLC
Tangent Energy Solutions, Inc.
TAQA Gen X LLC
Tatanka Wind Power, LLC
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)
Texas Retail Energy, LLC
Teza Technologies LLC
The Hartz Group
The Highlands Energy Group, LLC
THG Energy Solutions, LLC
Thordin ApS
Thurmont Municipal Light Company
Tidal Energy Marketing Inc.
Tilton Energy 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
~~Trane Grid Services 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
TrueLight Commodities, LLC
TrueLight Energy Fund, LP
Trustees of the University of Pennsylvania
TWE Myrtle Solar Project, LLC
Twin Eagle Resource Management, 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
Uniper Global Commodities North America, LLC
University Park Energy, LLC
Urban Grid Solar Projects, LLC
V3 Commodities Group, LLC
VCIOM, LLC
VECO Power Trading, LLC
Velocity American Energy Master I, LP
~~Verano Energy Trading, 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 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
Wellsboro Electric Company
West Chicago Battery Storage LLC
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
Whitney Hill Wind Power, LLC
Wildcat Wind Farm I, LLC
Wilkinson Solar LLC
Willey Battery Utility, 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
World Fuel Services, Inc.
WP&G Holdings, LLC
WPPI Energy
Wrighter Energy LLC
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 Enegy 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
~~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
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
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

Bativa, 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
Brookfield Renewable Energy Marketing US LLC
BTG Pactual Commodities (US) LLC
Calpine Energy Service, L.P.
Calpine Energy Solutions, LLC
Capital Energy d/b/a Sunrise Power and Gas
Central Virginia Electric Cooperative
Centre Lane Trading Limited
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 Rochelle
Cleveland Electric Illuminating Company
Click Energy, LLC
CMS Resource Management Company
Collegiate Clean Energy, LLC
Commonwealth Edison Company
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

Convanta Energy Marketing LLC
Credit Suisse (USA), Inc.
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 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. LLC~~
Dynergy Energy Services, LLC
Dynergy Marketing and Trade, LLC
East Kentucky Power Cooperative, Inc.
Easton Utilities Commission
EDF Energy Services, LLC
EDF Trading North America, LLC
Eligio Energy, LLC
Enel Trading North America, LLC
Energetix, Inc.
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.
ENGIE Retail, LLC
EnPowered USA Inc.
Evergreen Gas & Electric, LLC
Everyday Energy, LLC
Exelon Generation Co., LLC

First Point Power, LLC
Freepoint Energy Solutions LLC
Front Royal (Town of)
Galt Power Inc.
GenOn Power Midwest, LP
Gerdau Ameristeel Energy, Inc.
Grand Energy, LLC
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
~~HIKO Energy, LLC~~
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, Inc.
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 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.
~~Liberty Power Corp., L.L.C.~~
~~Liberty Power Delaware LLC~~
Liberty Power Holdings LLC
LifeEnergy, LLC
Lower Electric, LLC
~~LSC Communications US, LLC~~
~~Lykins Oil Company d/b/a Lykins Energy Solutions~~
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
MPower NJ LLC
National Gas & Electric, LLC
NextEra Energy Marketing, LLC
Nextera Energy Services New Jersey, LLC
Nextera Energy Services, Illinois, LLC
~~Nittany Energy, 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 Power Marketing, L.L.C.
nTherm, LLC
~~Oasis Power, LLC dba Oasis Energy~~
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 OH, 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.
Pilot Power Group, LLC
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.
~~Presto Energy, LLC~~
Provision Power and Gas, LLC
PSEG Energy Resources & Trade LLC
PSEG Energy Solutions LLC
Public Service Electric & 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
Robison Energy (Commercial) LLC dba Original Energy
Rolling Hills Generating, LLC
RPA Energy, Inc.
Rushmore Energy, LLC (new)
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

Spring Energy RRH, LLC dba Spring Power & Gas
Standard Gas & Electric, LLC
Star Energy Partners LLC
Starion Energy PA Inc.
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
Sunwave USA Holdings Inc.
Talen Energy Marketing, LLC
Tenaska Power Services Co.
Texas Retail Energy, LLC
Thurmont Municipal Light Company
Tidal Energy Marketing Inc.
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
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**

527 Energy Inc.
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
Affirmed Energy LLC
Aggressive Energy LLC
Agile Energy Trading LLC
Agway Energy Services, LLC
Air Products & Chemicals, Inc.
Alabama Power Company
Alegria Fund, LP
Algonquin Energy Services, Inc.
All American Power and Gas, LLC
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
Altro Power LLC
Altus Power America, 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
Amity Energy LLC
AMP Transmission, LLC
Anbaric Development Partners, 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
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 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
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 Energy Company
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
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
Capital Energy PA LLC d/b/a Sunrise Power and Gas
Cardinality Energy LLC
Carolina Power Partners, LLC
Carroll County Energy LLC
Castleton Commodities Merchant Trading L.P.
Catalyst Power & Gas LLC
Central Electric Power Cooperative, Inc.
Central Transmission, LLC
Central Virginia Electric Cooperative
Centre Lane Trading Limited
Centrica Business Solutions Optimize, LLC
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
Cincinnati Bell 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
Clear Power LLC
Cleveland-Cliffs Steel Corporation
Cleveland-Cliffs Steel LLC
Cleveland Electric Illuminating Company
Click Energy, LLC
CMS Energy Resource Management Company
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.
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
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 Crane LLC
CP Energy Marketing (US) Inc.
CPV Fairview, LLC
CPV Keasbey, LLC
CPV MARYLAND, LLC
CPV Power Holdings, LP
CPV Shore, LLC
CPV Three Rivers, LLC
Credit Suisse (USA), Inc.
Crescent Ridge LLC
Crete Energy Venture, 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 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
Doswell Limited Partnership
DPL Energy Resources, 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
EcoFactor, Inc.
EcoGrove Wind, LLC
EDF Trading North America, LLC
EDP Energy Services, LLC
EDP Renewables North America, LLC
EF Kenilworth LLC
EFS Parlin Holdings, LLC
Elgin Energy Center, LLC
Eligo Energy, LLC
Elk Hill Solar 1, LLC
Elk Hill Solar 2, LLC
Elliot Bay Energy Trading, LLC
Elmagin Power Fund 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.
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
ENGIE Retail, 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 Community Power
Evergreen Gas & Electric, LLC
Eversource Kansas Central, Inc.
Eversource Metro, Inc.
Everyday Energy, LLC
Exelon Business Services Company, LLC
Exelon Generation Company, LLC
Fairless Energy, L.L.C.
Fantods LLC
Fermata, LLC
Fern Solar LLC
First Point Power, LLC
FiTran Fund LP
Five Elements Energy LLC
Five Forks Solar, LLC
Florey Knob Energy 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
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
Genbright LLC
Gen IV Investment Opportunities, LLC
GenOn Energy Management, LLC
GenOn Mid-Atlantic, LLC
GenOn Potomac River, 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
Go Energy LP
Grand Energy, LLC
Grand Ridge Energy LLC
Grand Ridge Energy II LLC
Grand Ridge Energy III LLC
Grand Ridge Energy IV LLC
Grand Ridge Energy V LLC
Grand Ridge Energy Storage, LLC
Granger Energy of Honey Brook, LLC
Grantham Energy Corporation
Grays Ferry Cogeneration Partnership
Great American Gas & Electric, LLC
Great American Power, LLC

Great Barrington Energy Fund LP
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.
Grid Power Direct, LLC
Group628, LLC
GSG, LLC
GSG 6, LLC
Guernsey Power Station LLC
Guidehouse Inc.
Gulf Power Company
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
Handsome Lake Energy, LLC
Harborside Energy, LLC
Hardin Solar Energy LLC
Hardin Wind LLC
Harrison REA, Inc. – Clarkesburg, WV
Hartree Partners, LP
Harts Mill Solar, LLC
Hawks Nest Hydro LLC
Hazle Spindle, LLC
Hazleton Generation LLC
Headwaters Wind Farm LLC
Headwaters Wind Farm II 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 Trail Wind Farm LLC

Hillcrest Solar I, LLC
Hill Energy Resource & Services, LLC
Hill Top Energy Center, LLC
Holcim (US), Inc.
Holocene Finance, LLC
Homer City Generation, LP
Hoosier Energy REC, Inc.
Hop Bottom Energy LLC
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)
Industrial Energy Users-Ohio
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, Inc.
Interstate Power and Light Company
Invenergy Energy Management LLC
Invenergy LLC
Invenergy Nelson Expansion LLC
Invenergy Nelson LLC
IPKeys Power Partners, Inc.
ISO 1, LLC

ITC Interconnection LLC
ITC Mid-Atlantic Development LLC
Jack Rich, Inc. d/b/a Anthracite Power & Light Company
Jackson Generation, LLC
Jane Street Energy Trading, LLC
J. Aron & Company LLC
Jersey-Atlantic Wind, LLC
Jersey Central Power & Light Company
Jersey Green Energy, LLC
Joliet Battery Storage LLC
Josco Energy IL LLC
Josco Energy USA, LLC
JP Morgan Ventures Energy Corporation
Just Energy Solutions Inc.
KDC Solar Green Power LLC
Kendall Power Company LLC
Keni Energy LLC
Kentucky Municipal Energy Agency
Kentucky Power Company
Kentucky Power Trading LLC (dba Kentucky Energy Trading Co.)
Kestrel Acquisition, LLC
KeyCon Power Holdings LLC
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
Kiyoshi Technologies, 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
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 Power District of Columbia LLC
Liberty Power Holdings LLC
Liberty Power Maryland, LLC
LifeEnergy, LLC
Lightstone Marketing 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
Macquarie Energy LLC
Macquarie Energy Trading LLC
MAF Trading, LLC
MAG Energy Solution, Inc.
Mahoning Creek Hydroelectric Company, LLC
Major Energy Electric Services, LLC
Manatee Transmission LLC
Maple Analytics, LLC
Marathon Power LLC DBA Marathon Energy
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
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
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
Neighborhood Sun Benefit Corp.
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 Corp
New York Power Authority
New York State Electric & Gas Corporation
Newark Bay Cogeneration Partnership, L.P.
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.
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 Curtailment Solutions, Inc.
NRG Power Marketing, LLC
NRGStream LLC
NTE Ohio, LLC
nTherm, LLC
NuEnergen, LLC
OCI Solar Power, 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
Olympus Power, LLC
One Energy Enterprises LLC
Ontario Power Generation Energy Trading, Inc.
Ontario Power Generation Inc.
Ontelaunee Power Operating Company, LLC
Oregon Clean Energy, LLC
Orennia US LLC
Orsted Onshore North America, LLC
Osaka Gas USA Corporation
Owensboro Municipal Utilities
Oxbow Creek Energy LLC
OYA Solar NY, L.P.
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
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
Piedmont Energy Fund, L.P.
Pilot Power Group, LLC
Pine Gate Mid-Atlantic, LLC
Pine Hill Energy LLC
Pinesburg Solar LLC
Pinnacle Power LLC
Pixelle Specialty Solutions 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
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)
Providence Heights Wind, LLC
Provision Power and Gas, LLC
PSEG Energy Resources & Trade LLC

PSEG Energy Solutions LLC
PSEG Fossil 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 Glen Energy LLC
Red Oak Power, LLC
Red Wolf TX2, LLC
Refinitiv US LLC
Reliant Energy Northeast, LLC
Renaissance Power, 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
Richfield Solar Energy LLC
Richland-Stryker Generation LLC
RI-Corp. Development, Inc.
Ringer Hill Wind, LLC
RiverCrest Power-South, LLC
Riverside Generating Company, L.L.C.
Riverstart Solar Park LLC
Robinson Power Company, LLC
Robison Energy (Commercial) 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.
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 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
Schuylkill Energy Resources, Inc.
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
Southampton Solar LLC
South Bay Energy Corp.
Southeastern Chester County Refuse Authority
Southeastern Power Administration
Southern Energy Solution Group LLC
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
sPower Energy Marketing, LLC
Spring Energy RRH, LLC dba Spring Power & Gas
Spruance Genco, LLC
Spruance Operating Services, LLC
Spruce Power Trading, LLC
Standard Gas & Electric, LLC
Star Energy Partners LLC
Starion Energy PA, Inc.
Star Jasmine Houston LLC
STATARB INVESTMENTS LLC
Sterling Partners Energy Investors LLC
St. Joseph Energy Center, 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
Sunwave USA Holdings Inc.
Susquehanna Nuclear, LLC
Sustaining Power Solutions LLC
Syncarpha Solar, LLC
SYSO LLC
Tait Electric Generating Station, LLC
Talen Energy Marketing, LLC
Taller Cube, LLC
Tangent Energy Solutions, Inc.
TAQA Gen X LLC
Tatanka Wind Power, LLC
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)
Texas Retail Energy, LLC
Teza Technologies LLC
The Hartz Group
The Highlands Energy Group, LLC
THG Energy Solutions, LLC
Thordin ApS
Thurmont Municipal Light Company
Tidal Energy Marketing Inc.
Tilton Energy 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
TrueLight Commodities, LLC
TrueLight Energy Fund, LP
Trustees of the University of Pennsylvania
TWE Myrtle Solar Project, LLC
Twin Eagle Resource Management, 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
Uniper Global Commodities North America, LLC
University Park Energy, 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 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
Wellsboro Electric Company
West Chicago Battery Storage LLC
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
Whitney Hill Wind Power, LLC
Wildcat Wind Farm I, LLC
Wilkinson Solar LLC
Willey Battery Utility, 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
World Fuel Services, Inc.
WP&G Holdings, LLC
WPPI Energy
Wrighter Energy LLC
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
(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
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

Bativa, 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
Brookfield Renewable Energy Marketing US LLC
BTG Pactual Commodities (US) LLC
Calpine Energy Service, L.P.
Calpine Energy Solutions, LLC
Capital Energy d/b/a Sunrise Power and Gas
Central Virginia Electric Cooperative
Centre Lane Trading Limited
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 Rochelle
Cleveland Electric Illuminating Company
Click Energy, LLC
CMS Resource Management Company
Collegiate Clean Energy, LLC
Commonwealth Edison Company
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

Convanta Energy Marketing LLC
Credit Suisse (USA), Inc.
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 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.
Dynergy Energy Services, LLC
Dynergy Marketing and Trade, LLC
East Kentucky Power Cooperative, Inc.
Easton Utilities Commission
EDF Energy Services, LLC
EDF Trading North America, LLC
Eligio Energy, LLC
Enel Trading North America, LLC
Energetix, Inc.
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.
ENGIE Retail, LLC
EnPowered USA Inc.
Evergreen Gas & Electric, LLC
Everyday Energy, LLC
Exelon Generation Co., LLC

First Point Power, LLC
Freepoint Energy Solutions LLC
Front Royal (Town of)
Galt Power Inc.
GenOn Power Midwest, LP
Gerdau Ameristeel Energy, Inc.
Grand Energy, LLC
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, Inc.
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 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.
Liberty Power Holdings LLC
LifeEnergy, LLC
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
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 Power Marketing, L.L.C.
nTherm, 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.
Pilot Power Group, LLC

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 & 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
Robison Energy (Commercial) LLC dba Original Energy
Rolling Hills Generating, LLC
RPA Energy, Inc.
Rushmore Energy, LLC (new)
S.J. Energy Partners, Inc.
Santanna Energy Services
Seward Generation, LLC
SFE Energy, Inc.
Shiple 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
Spring Energy RRH, LLC dba Spring Power & Gas
Standard Gas & Electric, LLC
Star Energy Partners LLC
Starion Energy PA Inc.
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
Sunwave USA Holdings Inc.
Talen Energy Marketing, LLC
Tenaska Power Services Co.
Texas Retail Energy, LLC
Thurmont Municipal Light Company
Tidal Energy Marketing Inc.
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
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, 2021 through December 31, 2021

<u>Company Name</u>	<u>Withdrawn Date</u>
PALMco Power OH, LLC dba Indra Energy	7/4/2021
Madison Gas & Electric Co.	7/12/2021
Ohio River Partners Shareholder LLC	7/13/2021
Innogy Energy Services LLC	7/14/2021
Berks Hollow Energy Associates, LLC	7/14/2021
Northland Power Energy Marketing (US) Inc.	7/20/2021
Verano Energy Trading, LP	7/22/2021
Prosionta LLC	7/29/2021
Carolina Solar Energy III, LLC	7/29/2021
Oasis Power, LLC dba Oasis Energy	8/17/2021
ESC Brooke County Power I, LLC	8/22/2021
Sun Tribe Solar, LLC	8/24/2021
ADG Group Inc.	8/29/2021
HIKO Energy, LLC	9/8/2021
Metropolitan Water Reclamation District of Greater Chicago	9/8/2021
ZF Energy Development, LLC	9/20/2021
Dufossat Capital I, LLC	9/27/2021
EnergyHub, Inc.	9/27/2021
Presto Energy LP	9/27/2021
LSC Communications US, LLC	10/18/2021
Lykins Oil Company dba Lykins Energy Solutionshas	10/20/2021
Trane Grid Services LLC	11/29/2021
Liberty Power Delaware, LLC	12/6/2021
Liberty Power Corp., LLC	12/6/2021
Nittany Energy LLC	12/19/2021
Orsted US Trading LLC	12/30/2021

Attachment D

List of New Members
(with effective dates)

PJM Interconnection, LLC
New Members
July 1, 2021 through December 31, 2021

<u>Company Name</u>	<u>Effective Date</u>
Sterling Partners Energy Investors LLC	7/13/2021
EcoFactor, Inc.	7/14/2021
TimberRock Consulting LLC	7/14/2021
Teza Technologies LLC	7/14/2021
Guidehouse Inc.	7/14/2021
Palladium Energy, LLC	7/19/2021
Refinitiv US LLC	7/26/2021
Invenergy Nelson Expansion LLC	8/16/2021
Todd Solar LLC	8/16/2021
Peakstone Energy, LLC	8/16/2021
Southern Energy Solution Group LLC	8/18/2021
Power Analytics Software, Inc.	9/2/2021
Catalyst Power & Gas LLC	9/2/2021
Black Rock Wind Force, LLC	9/2/2021
MAF Trading, LLC	9/2/2021
Riverstart Solar Park LLC	9/10/2021
Orennia US LLC	9/15/2021
Nodal Exchange, LLC	9/15/2021
DTN, LLC	9/17/2021
Palm Energy LLC	9/23/2021
Grantham Energy Corporation	10/1/2021
SYSO LLC	10/22/2021
Richfield Solar Energy LLC	10/22/2021
Cottontail Solar 1, LLC	10/25/2021
Cottontail Solar 2, LLC	10/25/2021
Cottontail Solar 3, LLC	10/25/2021
Cottontail Solar 4, LLC	10/25/2021
Cottontail Solar 5, LLC	10/25/2021
Cottontail Solar 6, LLC	10/25/2021
Cottontail Solar 7., LLC	10/25/2021
Cottontail Solar 8, LLC	10/25/2021
Bellflower Solar 1, LLC	10/25/2021
Camden Solar LLC	11/19/2021
Agile Energy Trading LLC	12/30/2021

Attachment E

List of Member Corporate Name Changes
(with effective dates)

PJM Interconnection, LLC
Member Corporate Name Changes
July 1, 2021 through December 31, 2021

<u>Previous Company Name</u>	<u>New Company Name</u>	<u>Effective Date</u>
BioUrja Power, LLC	RiverCrest Power-South, LLC	7/16/2021
DXT Commodities North America LLC	DXT Commodities North America Inc.	6/22/2021
Red Wolf PT, LLC	Red Wolf TX2, LLC	7/16/2021
Aquenergy Systems Inc.	Aquenergy Systems, LLC	8/20/2021
Mega Energy Holdings, LLC	WP&G Holdings, LLC	8/20/2021
Panda Stonewall LLC	Potomac Energy Center, LLC	11/3/2021

Attachment F

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

**PJM Interconnection, LLC
New Parties to the RAA
July 1, 2021 through December 31, 2021**

<u>Company Name</u>	<u>Effective Date</u>
Robison Energy (Commercial) LLC dba Original Energy	9/1/2021
Polaris Power Services LLC	9/3/2021