

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

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July 31, 2019

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. ER19-____-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Load Serving Entities in the PJM Region ("RAA"), Schedule 17, to update these lists to include new members, remove withdrawn members, reflect the signatories to the RAA, and reflect corporate name changes for the second quarter of 2019 beginning April 1, 2019 and ending June 30, 2019. Additionally, PJM is incorporating previously accepted revisions which would otherwise not be reflected in the Operating Agreement, Schedule 12 and RAA, Schedule 17 due to the overlapping timing of three prior PJM filings. PJM requests that the Commission make the proposed revisions effective as of June 30, 2019.

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.

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 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, June 30, 2019. Additionally, because of the timing of three previous PJM filings and their effective dates, which amended Operating Agreement, Schedule 12, not all of the Commission-accepted revisions to Operating Agreement, Schedule 12 would be reflected in the current effective version of this section. Therefore, PJM includes these revisions to ensure the accuracy of Operating Agreement, Schedule 12. The pertinent filings and their respective filing and effective dates are discussed in more detail below.

² See, PJM Transmittal Letter, Docket No. ER03-254-000, at 1 (December 6, 2002) ("December 6 Filing").

³ December 6 Filing at 2.

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

On January 31, 2019, in Docket No. ER19-935-000, PJM submitted proposed revisions to the Operating Agreement, Schedule 12 reflecting the permanent termination of eight entities as PJM Members who were in default in accordance with the Operating Agreement, sections 15.1.6(c) and 4.1(c) ("ER19-935-000 Filing"). On March 22, 2019, the Commission issued an order accepting the ER19-935-000 Filing effective April 1, 2019.⁵

On February 28, 2019, in Docket No. ER19-1148-000, PJM submitted proposed revisions to the Operating Agreement, Schedule 12 reflecting the permanent termination of five entities as PJM Members who were in default in accordance with the Operating Agreement, sections 15.1.6(c) and 4.1(c) ("ER19-1148-000 Filing"). On April 10, 2019, the Commission issued an order accepting the ER19-1148-000 Filing effective April 30, 2019.⁶

Finally, on April 29, 2019, in Docket No. ER19-1699-000, PJM submitted proposed revisions to the Operating Agreement, Schedule 12 reflecting (i) the addition of new members, (ii) removal of withdrawn members, (iii) and reflect members' whose corporate names changed during the first quarter of 2019 ("ER19-1699-000 Filing"). On June 18, 2019, the Commission issued an order accepting the ER19-1699-000 Filing effective March 31, 2019.⁷

In summary, the ER19-935-000 and ER19-1148-00 Filings were submitted prior to ER19-1699-000 Filing and had April 1, 2019 and April 30, 2019 effective dates respectively. However, ER19-1699-000 was filed after ER19-935-000 and ER19-1148-000 Filings but had a prior effective date of March 31, 2019 and therefore the ER19-1699-000 Filing Commission accepted revisions were replaced by the previous ER19-935-000 Filing and ER19-1148-000 Filing with the later effective dates of April 1, 2019 and April 30, 2019.

⁵ PJM Interconnection, L.L.C. Letter Order, Docket No. ER19-935-000 (March 22, 2019).

⁶ PJM Interconnection, L.L.C. Letter Order, Docket No. ER19-1148-000 (April 10, 2019).

⁷ PJM Interconnection, L.L.C. Letter Order, Docket No. ER19-1699-000 (June 18, 2019).

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 addition of new RAA signatories through June 30, 2019.

Additionally, PJM incorporates revisions to the RAA, Schedule 17 that were inadvertently omitted in ER19-935-000 Filing reflecting the permanent termination of two of the eight entities as PJM Members and who were signatories of the RAA, who were in default in accordance with the Operating Agreement, sections 15.1.6(c) and 4.1(c). On March 22, 2019, the Commission issued an order accepting the ER19-935-000 Filing effective April 1, 2019.

C. Membership Withdrawals

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

III. WAIVER AND EFFECTIVE DATE

PJM requests a waiver of the Commission's notice requirements to permit a June 30, 2019 effective date, a date which includes the last member withdrawal following the requisite ninety days prior notice, 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; a date that is tied to the effective date of the last membership withdrawal (*i.e.*, June 30, 2019). 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 Parties to RAA.
- 7. Attachment G: ER19-1699-000 Marked Operating Agreement Revisions

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
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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 regulations⁸ pursuant to Order No. 714⁹ 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 Region¹⁰ 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

⁸ See, 18 C.F.R. §§ 35.2, 154.2, 154.208 and 341.2.

⁹ Electronic Tariff Filings, Order No. 714, 124 FERC ¶ 61,270 (2008).

¹⁰ PJM already maintains, updates, and regularly uses e-mail lists for all PJM Members and affected commissions.

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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.

Attachment A

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

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

SCHEDULE 12 -PJM MEMBER LIST

7 Bridges Solar, LLC

Acadia Energy Partners, 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 Laurel Mountain, LLC

AES Ohio Generation, LLC

A.F. Mensah Inc.

Affirmed Energy LLC

Agera Energy LLC

Aggressive Energy LLC

Agway Energy Services, LLC

Air Products & Chemicals, Inc.

AK Steel Corporation

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.

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

Anahau Energy, LLC

Anbaric Development Partners, LLC

Anbaric Northeast Transmission Development Company, LLC

Anchor Energy 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

APH Acquisition, LLC

APN Starfirst, LP

Apogee Energy Trading LLC

Appalachian Power Company

Appian Way Energy Partners MidAtlantic, LLC

Approved Energy II LLC

APV Renaissance Opco, LLC

Aquenergy Systems Inc.

ArcelorMittal USA, LLC

Archer Energy, LLC

Arc Private Capital Inc.

Armenia Mountain Wind, LLC

Arrow Energy RRH, LLC

Aspen Generating, LLC

Aspire Power Ventures, LP

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 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

Bayles Energy LLC

Bayonne Plant Holding, L.L.C.

Bazinga, LLC

BBPC LLC d/b/a/ Great Eastern Energy

Beaver Dam Energy LLC

Beech Ridge Energy LLC

Beech Ridge Energy Storage 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

Bilton Wong Power, Inc.

Biogas Energy Solutions LLC

BioUrja Power, LLC

Birchwood Power Partners, L.P.

Birdsboro Power LLC

Bishop Hill Energy LLC

BITH Solar I, LLC

BJ Energy, LLC

Black Oak Capital, LLC

Blackout Power Trading Inc.

Blackstone Wind Farm II, LLC

Blackstone Wind Farm, LLC

Blue Ridge Power Agency, Inc.

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

Bowfin KeyCon Energy, LLC

Bowfin KeyCon Power, LLC

BP Energy Company

Brandon Shores LLC

BREG Aggregator LLC

Brick Standard LLC

Brighten Energy, 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 Cogen Company

Camden Plant Holding, L.L.C.

Camp Grove Wind Farm, LLC

Capacity Markets Partners, LLC

Cape May County Municipal Utilities Authority

Capital Energy LLC

Cargill Power Markets, LLC

Carolina Solar Energy III, LLC

Carroll County Energy LLC

Castleton Commodities Merchant Trading L.P.

CenStar Energy Corp.

Central Transmission, LLC

Central Virginia Electric Cooperative

Centre Lane Trading Limited

Champion Energy, LLC

Champion Energy Marketing LLC

Champion Energy Services, LLC

Chesapeake Transmission LLC

Chief Conemaugh Power, LLC

Chief Keystone Power, LLC

Choice Energy, LLC dba 4 Choice Energy, LLC

CIMA Energy Solutions, 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 Philippi – West VA

City of Rochelle

CleanChoice Energy, Inc.

Clean Energy Future, LLC

Clean Energy Future – Lordstown, LLC

CleanLight Power + Energy, LLC

Clear Power LLC

Cleveland Electric Illuminating Company

CMS Energy Resource Management Company

Coaltrain Energy LP

Coastal Strategies, LLC

Cognovi Analytics, LLC

Collegiate Clean Energy, LLC

Commonwealth Chesapeake Company, LLC

Commonwealth Edison Company

Community Energy, Inc.

Connecticut Central Energy LLC

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

County of Frederick, VA

Covanta Energy Group, LLC

Covanta Energy Marketing LLC

Covanta Essex Company

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

Cumulus Master Fund

Current Power & Gas Inc.

Customized Energy Solutions, Ltd.

CWP Energy Inc.

Cypress Creek Renewables, LLC

Darby Energy, LLLP

Darby Power, LLC

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

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

Drift Marketplace, Inc.

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

Duquesne Light Company

Duquesne Light Energy, LLC

Duquesne Power LLC

DXT Commodities North America LLC

Dynamix Energy Services Company, LLC

Dynasty Energy California Inc.

Dynasty Energy Group LLC

Dynasty North America Holdings Inc.

Dynasty Power Inc.

Dynegy Energy Services, LLC

Dynegy Kendall Energy, LLC

Dynegy Marketing and Trade, LLC

Dynegy Power Marketing, LLC

Eagle Creek Hydro Holdings, LLC

Eagle Point Power Generation 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

eCap Network, LLC

Ecesis LLC

EcoGrove Wind, LLC

EDF Trading North America, LLC

Edgecombe Genco, LLC

EDP Energy Services, LLC

EDP Renewables North America, LLC

EF Kenilworth LLC

EFS Parlin Holdings, LLC

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

Emporia Renewable Energy Corp

ENBALA Power Networks, Inc.

Endurance Energy Midwest LLC

Enel Trading North America, LLC

Enel X North America, Inc.

ENERGIA Y SERVICIOS DEL ISTMO CENTROAMERICANO, S.A. DE C V. INC.

Energy Authority, Inc. (The)

Energy Center Dover LLC

Energy Cooperative Association of Pennsylvania

Energy Cooperative of America, Inc.

EnergyHub, Inc.

Energy Plus Holdings LLC

Energy Power Investment Company, LLC

Energy Service Providers, Inc.

Energy Solutions Consortium Holdings, LLC

Energy Technology Savings, Inc.

Energy Transfer Retail Power, LLC

Energy.me Midwest llc d/b/a energy.me

EnerPenn USA, LLC

Enerwise Global Technologies, LLC

Enerwise Global Technologies, Inc.

Engelhart CTP (US) LLC

ENGIE Energy Marketing NA, Inc.

ENGIE Resources LLC

ENGIE Retail, LLC

EnPowered USA Inc.

Entergrid Fund I LLC

Entrust Energy East, Inc.

E.ON Climate & Renewables North America Inc.

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

EverPower Commercial Services, LLC

Everyday Energy, LLC

Exelon Business Services Company, LLC

Exelon Generation Company, LLC

Fairless Energy, L.L.C.

Fantods LLC

Fermata, LLC

Fern Solar LLC

FirstEnergy Solutions Corp.

First Point Power, LLC

FiTran Fund LP

Five Elements Energy 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

Franklin Power LLC

Freepoint Commodities LLC

Freepoint Energy Solutions LLC

Fresh Air Energy XVIII, LLC

Fresh Air Energy XXXV, LLC

Frontier Utilities Northeast-LLC

Future Power PA 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 Power Midwest, LP

GenOn REMA, LLC

Gen Ops, LLC

Geodesic 2 LLC

Geodesic Flow, LLC

Georgia Power Company

Gerdau Ameristeel Energy, Inc

GlidePath Power Operations 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

Gravity Renewables, Inc.

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

GRG ENERGY LLC

Grid Power Direct, LLC

GridBeyond US, LLC

Gridforce Energy Management, LLC

Group628, LLC

GSG, LLC

GSG 6, LLC

Guernsey Power Station LLC

Gulf Power Company

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

Hartree Partners, LP

Hawks Nest Hydro LLC

Hazle Spindle, LLC

Hazleton Generation LLC

Headwaters Wind Farm LLC

Helix Ironwood, LLC

Hemlock Solar, LLC

Hemsworth Capital LP

Hemsworth Capital Midwest LP

Hexis Energy Trading, LLC

Hickory Run Energy, LLC

Highland North LLC

High Trail Wind Farm LLC

HIKO Energy, LLC

Hill Energy Resource & Services, LLC

Hill Top Energy Center, LLC

Hilltopper Wind Power, LLC

Holcim (US), Inc.

Holocene Finance, LLC

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

Hudson Energy Services, LLC

Hudson Transmission Partners, LLC

HXNAir Solar One, LLC

Icetec.com, Inc.

Icetec Energy Services, Inc.

IDT Energy, Inc.

IHG Core Holdings, Ltd.

Illinois Citizens Utility Board

Illinois Municipal Electric Agency

Illinois Power Marketing Company

IMG Midstream 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

Innogy Energy Services LLC

Innovari Market Solutions LLC

Innoventive Power LLC

Inova Energy LLC

Inspire Energy Holdings, LLC

Integrated Energy Services, LLC

Intelligent Generation LLC

International Paper Company

Interstate Gas Supply, Inc.

Interstate Power and Light Company

Invenergy Energy Management LLC

Invenergy LLC

Invenergy Nelson LLC

IPKeys Power Partners LLC

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

JPTC, LLC

Just Energy Solutions Inc.

Kansas City Power & Light Company

KDC Solar Green Power 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

Koch Energy Services, LLC

KOREnergy, Ltd.

Krayn Wind LLC

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

Lamarr Energy, LLC

Lancaster County Solid Waste Management Authority

Landaj Investment, LLC

Land O'Lakes, Inc.

Lantar Energy LLC

Lawrenceberg Power, LLC

Lee County Generating Station, LLC

Lee River Proprietary Strategies, Inc.

Leeward Asset Management, LLC

Legacy Energy Group, LLC (The)

Lehigh Portland Cement Company

LEPPM, LLC

Letterkenny Industrial Development Authority – PA

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

Linde Energy Services, Inc.

Linde, LLC

Linden VFT LLC

LM Power, LLC

LMBE Project Company LLC

LMP Research Inc.

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

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.

MAG Energy Solution, Inc.

Mahoning Creek Hydroelectric Company, LLC

Main Line Generation, 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

Marubeni Power International, Inc.

Marvel Energy, LP

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

MEG Generating Company, LLC

Mehoopany Wind Energy LLC

Mendota Hills, LLC

Mercuria Energy America, Inc.

Mercuria SJAK Trading, LLC

Merrill Lynch Commodities, Inc.

Messer LLCsouth

Messer Energy Services, 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

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

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 Cogeneration Inc.

MWD Trading, LLC

NATGASCO d/b/a/ Supreme Energy, Inc.

National Gas & Electric, LLC

Nautilus Power, LLC

Nautilus Solar Energy, LLC

NDC Partners, LLC

NedPower Mount Storm, LLC

NEPM II, LLC

Neptune Regional Transmission System, LLC

NERC-Middlesex Solar I, 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, LLC

Nexus Energy Inc.

Nittany Energy, LLC

NJR Clean Energy Ventures Corporation

NJR Clean Energy Ventures II Corporation

NJR Clean Energy Ventures III Corporation

Nordic Energy Services 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 Potomac River LLC

NRG Power Marketing, LLC

NRG Power Midwest LP

NRG REMA LLC

NRGStream LLC

NTE Carolinas, 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

Oregon Clean Energy, LLC

Osaka Gas USA Corporation

Owensboro Municipal Utilities

Oxbow Creek Energy LLC

Oxford Energy Services, LLC

Ozark International, Inc.

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

Panda Hummel Station LLC

Panda Liberty LLC

Panda Patriot 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

Pay Less Energy, LLC

PBF Power Marketing, LLC

PECO Energy Company

Pedricktown Cogeneration Company LP

Pegasus Energy Futures LLC

PEI Power Corporation

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, Inc.

Pine Hill Energy LLC

Pinnacle Power LLC

Pixelle Specialty Solutions LLC

Plant-E Corp.

Plymouth Rock Energy, LLC

Portsmouth Genco, LLC

Potomac Edison Company (The) d/b/a Allegheny Power

Potomac Electric Power Company

Power Engineers, Incorporated

Power Supply Services, LLC

Power Up 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

Prime Trading, 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 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

QPH CAPITAL, LLC

Quattro Energy LP

Radford's Run Wind Farm, LLC

Rainbow Energy Marketing Corporation

Rainbow Energy Ventures LLC

Rausch Creek Electric Power Holdings, LLC

Raven Power Marketing LLC

RC Cape May Holdings, LLC

Realgy, LLC

Red Glen Energy LLC

Red Oak Power, LLC

Red Wolf PT, 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, L.L.C.

Respond Power, LLC

Richland-Stryker Generation LLC

RI-Corp. Development, Inc.

Ringer Hill Wind, LLC

Riverside Generating Company, L.L.C.

Robinson Power Company, LLC

Robison Energy (Commercial) LLC

Rochester Gas and Electric Corporation

Rockfish Solar LLC

Rockland Electric Company

Rocky Road Power, LLC

Rolling Hills Generating, L.L.C.

Roseton Generating LLC

Roth Rock Wind Farm, LLC

Roundtop Energy LLC

Royal Bank of Canada

RPA Energy, Inc.

RRI Energy Services, LLC

RRI Energy Solutions East, LLC

RTP Controls, Inc

RTR Energy Solutions LLC

Rushmore Energy, LLC (new).

Safe Harbor Water Power Corporation

Safeway Inc.

Sanford Energy Associates, LLC

Sanitas Power, LLC

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

Seneca Trading LLC

SESCO ENTERPRISES LLC

Seven Islands Environmental Solutions, 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.

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

Smart Wires Inc.

SNC-Lavalin Constructors, Inc.

Solios Power Mid-Atlantic Trading, LLC

Solios Power Mid-Atlantic Virtual LLC

Source Power & Gas LLC

Southampton Solar LLC

South Bay Energy Corp.

South Carolina Electric & Gas Company

Southeastern Chester County Refuse Authority

Southeastern Power Administration

Southern Indian Gas and Electric Company d/b/a Vectren Power Supply Inc.

Southern Maryland Electric Cooperative, Inc.

Southern Power Company

South Field Energy LLC

South Jersey Energy Company

Spark Energy, LLC

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.

STATARB INVESTMENTS 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

Suffolk Fund LLC

Summer Energy Midwest, LLC

Summit Farms Solar, LLC

SunCoke Energy, Inc

Sunflower Solar LLC

SunSea Energy LLC

Sunshaw Power Trading, LLC

Sun Tribe Solar, LLC

Sunwave USA Holdings Inc.

Susquehanna Nuclear, LLC

Sustaining Power Solutions LLC

Switch Energy, LLC

Syncarpha Solar, LLC

Tait Electric Generating Station, LLC

Talen Energy Marketing, LLC

Taller Cube, LLC

Tangent Energy Solutions, Inc.

TAOA 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

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

Tios Capital, LLC

Titan Gas and Power

Toledo Edison Company (The)

Tomorrow Energy Corp

Torofino Trading, LLC

Town of Berlin, Maryland

Town of Williamsport

Town Square Energy East, LLC

Tradewind Energy, Inc.

TrailStone Energy Marketing, LLC

TrailStone Power, LLC

Trane Grid Services LLC

Trans-Allegheny Interstate Line Company

TransAlta Energy Marketing (US) Inc.

TransCanada Power Marketing, Ltd.

TranSource, LLC

Transource Energy, LLC

Transource Maryland, LLC

Transource Pennsylvania, 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

Trustees of the University of Pennsylvania

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

Uniper Global Commodities North America, LLC

University Park Energy, 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.

Victory Financial Management, Ltd.

Vineland Municipal Electric Utility

Virginia Division of Consumer Counsel

Virginia Electric and Power Company

Virginia Solar 2017 Projects LLC

Virginia State Corporation Commission

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

Westar Energy, Inc.

West Chicago Battery Storage LLC

West Deptford Energy II, 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 Co Inc.

Wheelabrator Gloucester Company, L.P.

Wheelabrator Portsmouth, Inc.

Wheeling Power Company

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.

WPPI Energy

Wrighter Energy LLC

Wyandot Solar LLC

Wylan Energy, L.L.C.

XO Energy MA, LP

XO Energy MA2, LP

XO Energy MA3, LP

XO Energy NY2 LP

Xoom Energy Maryland, LLC

Xoom Energy New Jersey, LLC

XOOM Energy Ohio, LLC

XOOM Enegy Washington D.C., LLC

Xoom Energy, LLC

XYZ Consulting 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:

Abest Power & Gas, LLC

AEP Energy, Inc.

AEP Retail Energy Partners LLC

AES Ohio Generation, LLC

Agera Energy 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

ArcelorMittal USA LLC

Arrow Energy RRH, LLC

Astral Energy LLC

Atlantic City Electric Company

Atlantic Energy MD, LLC

Avangrid Renewables, 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.

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

Brookfield Renewable Energy Marketing US LLC

BTG Pactual Commodities (US) LLC

Capital Energy, LLC

Calpine Energy Service, L.P.

Calpine Energy Solutions, LLC

Cargill Power Markets LLC

Central Virginia Electric Cooperative

Centre Lane Trading Limited

Champion Energy Marketing LLC

Champion Energy, LLC

Choice Energy, LLC dba 4 Choice Energy, LLC

CIMA Energy Solutions, 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

Cleveland Electric Illuminating 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 Group, LLC

Convanta Energy Marketing 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.

DPL Energy Resources, Inc.

DTE Energy Trading, Inc.

Duke Energy Kentucky, Inc.

Duke Energy Ohio, Inc.

Duquesne Light Company

Duquesne Light Energy, LLC

DXT Commodities North America LLC

Dynegy Energy Services, LLC

Dynegy Kendall Energy, LLC

Dynegy Marketing and Trade, 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 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

Engie Energy Marketing NA, Inc.

ENGIE Retail, LLC

EnPowered USA Inc.

Entrust Energy East, Inc.

Evergreen Gas & Electric, LLC

Everyday Energy, LLC

Exelon Generation Co., LLC

First Point Power, LLC

FirstEnergy Solutions Corp.

Freepoint Energy Solutions LLC

Frontier Utilities Northeast, LLC

Front Royal (Town of)

Galt Power Inc.

GenOn Power Midwest, LP

Gerdau Ameristeel Energy, Inc.

Great American Power, LLC

Greenlight Energy Inc.

Green Mountain Energy Company

Hagerstown Light Department

Harborside Energy, LLC

Harrison REA, Inc. - Clarksburg, WV

Hartee Parnters, LP

HIKO Energy, LLC

Holcim (US) Inc.

Hoosier Energy REC, Inc.

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.

Lamarr Energy, LLC

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 LSC Communications US, 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 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.

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 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

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

Pay Less Energy, LLC

PBF Power Marketing LLC

PECO Energy Company

Pennsylvania Electric Company

Pennsylvania Grain Processing LLC

Pennsylvania Power Company

PEPCO Energy Services, Inc.

Pinnacle Power LLC

Plymouth Rock Energy, LLC

Potomac Electric Power Company

Power UP 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, 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.

Sanford Energy Associates, LLC d/b/a Powervine Energy

Santanna Energy Services

SFE Energy, Inc.

SFE Energy NJ, Inc.

Shipley Choice LLC

Solios Power Mid-Atlantic Trading LLC

Source Power & Gas 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

Switch Energy, LLC

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.

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

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

7 Bridges Solar, LLC

Acadia Energy Partners, 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 Laurel Mountain, LLC

AES Ohio Generation, LLC

A.F. Mensah Inc.

Affirmed Energy LLC

Agera Energy LLC

Aggressive Energy LLC

Agway Energy Services, LLC

Air Products & Chemicals, Inc.

AK Steel Corporation

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.

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

Anahau Energy, LLC

Anbaric Development Partners, LLC

Anbaric Northeast Transmission Development Company, LLC

Anchor Energy 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

APH Acquisition, LLC

APN Starfirst, LP

Apogee Energy Trading LLC

Appalachian Power Company

Appian Way Energy Partners MidAtlantic, LLC

Approved Energy II LLC

APV Renaissance Opco, LLC

Aquenergy Systems Inc.

ArcelorMittal USA, LLC

Archer Energy, LLC

Arc Private Capital Inc.

Armenia Mountain Wind, LLC

Arrow Energy RRH, LLC

Aspen Generating, LLC

Aspire Power Ventures, LP

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 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

Bayles Energy LLC

Bayonne Plant Holding, L.L.C.

Bazinga, LLC

BBPC LLC d/b/a/ Great Eastern Energy

Beaver Dam Energy LLC

Beech Ridge Energy LLC

Beech Ridge Energy Storage 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

Bilton Wong Power, Inc.

Biogas Energy Solutions LLC

BioUrja Power, LLC

Birchwood Power Partners, L.P.

Birdsboro Power LLC

Bishop Hill Energy LLC

BITH Solar I, LLC

BJ Energy, LLC

Black Oak Capital, LLC

Blackout Power Trading Inc.

Blackstone Wind Farm II, LLC

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 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 Cogen Company

Camden Plant Holding, L.L.C.

Camp Grove Wind Farm, LLC

Capacity Markets Partners, LLC

Cape May County Municipal Utilities Authority

Capital Energy LLC

Cargill Power Markets, LLC

Carolina Solar Energy III, LLC

Carroll County Energy LLC

Castleton Commodities Merchant Trading L.P.

CenStar Energy Corp.

Central Transmission, LLC

Central Virginia Electric Cooperative

Centre Lane Trading Limited

Champion Energy, LLC

Champion Energy Marketing LLC

Champion Energy Services, LLC

Chesapeake Transmission LLC

Chief Conemaugh Power, LLC

Chief Keystone Power, LLC

Choice Energy, LLC dba 4 Choice Energy, LLC

CIMA Energy Solutions, 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 Philippi – West VA

City of Rochelle

CleanChoice Energy, Inc.

Clean Energy Future, LLC

Clean Energy Future – Lordstown, LLC

CleanLight Power + Energy, LLC

Clear Power LLC

Cleveland Electric Illuminating Company

CMS Energy Resource Management Company

Coaltrain Energy LP

Coastal Strategies, LLC

Cognovi Analytics, LLC

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

County of Frederick, VA

Covanta Energy Group, LLC

Covanta Energy Marketing LLC

Covanta Essex Company

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

Cumulus Master Fund

Current Power & Gas Inc.

Customized Energy Solutions, Ltd.

CWP Energy Inc.

Cypress Creek Renewables, LLC

Darby Energy, LLLP

Darby Power, LLC

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

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

Drift Marketplace, Inc.

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

Duquesne Light Company

Duquesne Light Energy, LLC

Duquesne Power LLC

DXT Commodities North America LLC

Dynamix Energy Services Company, LLC

Dynasty Energy California Inc.

Dynasty North America Holdings Inc.

Dynasty Power Inc.

Dynegy Energy Services, LLC

Dynegy Kendall Energy, LLC

Dynegy Marketing and Trade, LLC

Dynegy Power Marketing, LLC

Eagle Creek Hydro Holdings, LLC

Eagle Point Power Generation 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

eCap Network, LLC

Ecesis LLC

EcoGrove Wind, LLC

EDF Trading North America, LLC

Edgecombe Genco, LLC

EDP Energy Services, LLC

EDP Renewables North America, LLC

EF Kenilworth LLC

EFS Parlin Holdings, LLC

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

Emporia Renewable Energy Corp

ENBALA Power Networks, Inc.

Endurance Energy Midwest LLC

Enel Trading North America, LLC

Enel X North America, Inc.

ENERGIA Y SERVICIOS DEL ISTMO CENTROAMERICANO, S.A. DE C V. INC.

Energy Authority, Inc. (The)

Energy Center Dover LLC

Energy Cooperative Association of Pennsylvania

Energy Cooperative of America, Inc.

EnergyHub, Inc.

Energy Plus Holdings LLC

Energy Power Investment Company, LLC

Energy Service Providers, Inc.

Energy Solutions Consortium Holdings, LLC

Energy Technology Savings, Inc.

Energy Transfer Retail Power, LLC

Energy.me Midwest llc d/b/a energy.me

EnerPenn USA, LLC

Enerwise Global Technologies, LLC

Engelhart CTP (US) LLC

ENGIE Energy Marketing NA, Inc.

ENGIE Resources LLC

ENGIE Retail, LLC

EnPowered USA Inc.

Entergrid Fund I LLC

Entrust Energy East, Inc.

E.ON Climate & Renewables North America Inc.

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

EverPower Commercial Services, LLC

Everyday Energy, LLC

Exelon Business Services Company, LLC

Exelon Generation Company, LLC

Fairless Energy, L.L.C.

Fantods LLC

Fermata, LLC

Fern Solar LLC

FirstEnergy Solutions Corp.

First Point Power, LLC

FiTran Fund LP

Five Elements Energy 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

Franklin Power LLC

Freepoint Commodities LLC

Freepoint Energy Solutions LLC

Fresh Air Energy XVIII, LLC

Fresh Air Energy XXXV, LLC

Frontier Utilities Northeast 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 Power Midwest, LP

GenOn REMA, LLC

Gen Ops, LLC

Geodesic 2 LLC

Geodesic Flow, LLC

Georgia Power Company

Gerdau Ameristeel Energy, Inc

GlidePath Power Operations 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

Gravity Renewables, Inc.

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

GRG ENERGY LLC

Grid Power Direct, LLC

GridBeyond US, LLC

Gridforce Energy Management, LLC

Group628, LLC

GSG, LLC

GSG 6, LLC

Guernsey Power Station LLC

Gulf Power Company

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

Hartree Partners, LP

Hawks Nest Hydro LLC

Hazle Spindle, LLC

Hazleton Generation LLC

Headwaters Wind Farm LLC

Helix Ironwood, LLC

Hemlock Solar, LLC

Hemsworth Capital LP

Hemsworth Capital Midwest LP

Hexis Energy Trading, LLC

Hickory Run Energy, LLC

Highland North LLC

High Trail Wind Farm LLC

HIKO Energy, LLC

Hill Energy Resource & Services, LLC

Hill Top Energy Center, LLC

Hilltopper Wind Power, LLC

Holcim (US), Inc.

Holocene Finance, 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

Hudson Energy Services, LLC

Hudson Transmission Partners, LLC

HXNAir Solar One, LLC

Icetec.com, Inc.

Icetec Energy Services, Inc.

IDT Energy, Inc.

IHG Core Holdings, Ltd.

Illinois Citizens Utility Board

Illinois Municipal Electric Agency

Illinois Power Marketing Company

IMG Midstream 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

Innogy Energy Services LLC

Innovari Market Solutions LLC

Innoventive Power LLC

Inova Energy LLC

Inspire Energy Holdings, LLC

Integrated Energy Services, LLC

Intelligent Generation LLC

International Paper Company

Interstate Gas Supply, Inc.

Interstate Power and Light Company

Invenergy Energy Management LLC

Invenergy LLC

Invenergy Nelson LLC

IPKeys Power Partners LLC

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

JPTC, LLC

Just Energy Solutions Inc.

Kansas City Power & Light Company

KDC Solar Green Power 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

Koch Energy Services, LLC

KOREnergy, Ltd.

Krayn Wind LLC

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

Lee County Generating Station, LLC

Lee River Proprietary Strategies, Inc.

Leeward Asset Management, LLC

Legacy Energy Group, LLC (The)

Lehigh Portland Cement Company

LEPPM, LLC

Letterkenny Industrial Development Authority – PA

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

LMP Research Inc.

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

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.

MAG Energy Solution, Inc.

Mahoning Creek Hydroelectric Company, LLC

Main Line Generation, 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

Marubeni Power International, Inc.

Marvel Energy, LP

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, Inc.

Mercuria SJAK Trading, LLC

Merrill Lynch Commodities, Inc.

Messer LLCsouth

Messer Energy Services, 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

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

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 Cogeneration Inc.

MWD Trading, LLC

NATGASCO d/b/a/ Supreme Energy, Inc.

National Gas & Electric, LLC

Nautilus Power, LLC

Nautilus Solar Energy, LLC

NDC Partners, LLC

NedPower Mount Storm, LLC

NEPM II, LLC

Neptune Regional Transmission System, LLC

NERC-Middlesex Solar I, 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, LLC

Nexus Energy Inc.

Nittany Energy, LLC

NJR Clean Energy Ventures Corporation

NJR Clean Energy Ventures II Corporation

NJR Clean Energy Ventures III Corporation

Nordic Energy Services 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 Potomac River LLC

NRG Power Marketing, LLC

NRGStream LLC

NTE Carolinas, 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

Oregon Clean Energy, LLC

Osaka Gas USA Corporation

Owensboro Municipal Utilities

Oxbow Creek Energy LLC

Oxford Energy Services, LLC

Ozark International, Inc.

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

Panda Hummel Station LLC

Panda Liberty LLC

Panda Patriot 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

Pay Less Energy, LLC

PBF Power Marketing, LLC

PECO Energy Company

Pedricktown Cogeneration Company LP

Pegasus Energy Futures LLC

PEI Power Corporation

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, Inc.

Pine Hill Energy LLC

Pinnacle Power LLC

Pixelle Specialty Solutions LLC

Plant-E Corp.

Plymouth Rock Energy, LLC

Portsmouth Genco, LLC

Potomac Edison Company (The) d/b/a Allegheny Power

Potomac Electric Power Company

Power Engineers, Incorporated

Power Supply Services, LLC

Power Up 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

Prime Trading, 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 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

QPH CAPITAL, LLC

Quattro Energy LP

Radford's Run Wind Farm, LLC

Rainbow Energy Marketing Corporation

Rainbow Energy Ventures LLC

Rausch Creek Electric Power Holdings, LLC

RC Cape May Holdings, LLC

Realgy, LLC

Red Glen Energy LLC

Red Oak Power, LLC

Red Wolf PT, 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, L.L.C.

Respond Power, LLC

Richland-Stryker Generation LLC

RI-Corp. Development, Inc.

Ringer Hill Wind, LLC

Riverside Generating Company, L.L.C.

Robinson Power Company, LLC

Robison Energy (Commercial) LLC

Rochester Gas and Electric Corporation

Rockfish Solar LLC

Rockland Electric Company

Rocky Road Power, LLC

Rolling Hills Generating, L.L.C.

Roseton Generating LLC

Roth Rock Wind Farm, LLC

Roundtop Energy LLC

Royal Bank of Canada

RPA Energy, Inc.

RRI Energy Services, LLC

RRI Energy Solutions East, LLC

RTP Controls, Inc

RTR Energy Solutions LLC

Rushmore Energy, LLC (new).

Safe Harbor Water Power Corporation

Safeway Inc.

Sanford Energy Associates, LLC

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 Trading LLC

SESCO ENTERPRISES LLC

Seven Islands Environmental Solutions, 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.

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

Smart Wires Inc.

Solios Power Mid-Atlantic Trading, LLC

Solios Power Mid-Atlantic Virtual LLC

Source Power & Gas LLC

Southampton Solar LLC

South Bay Energy Corp.

Southeastern Chester County Refuse Authority

Southeastern Power Administration

Southern Indian Gas and Electric Company d/b/a Vectren Power Supply Inc.

Southern Maryland Electric Cooperative, Inc.

Southern Power Company

South Field Energy LLC

South Jersey Energy Company

Spark Energy, LLC

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.

STATARB INVESTMENTS 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

Suffolk Fund LLC

Summer Energy Midwest, LLC

Summit Farms Solar, LLC

SunCoke Energy, Inc

Sunflower Solar LLC

SunSea Energy LLC

Sunshaw Power Trading, LLC

Sun Tribe Solar, LLC

Sunwave USA Holdings Inc.

Susquehanna Nuclear, LLC

Sustaining Power Solutions LLC

Switch Energy, LLC

Syncarpha Solar, LLC

Tait Electric Generating Station, LLC

Talen Energy Marketing, LLC

Taller Cube, LLC

Tangent Energy Solutions, Inc.

TAOA 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

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

Tios Capital, LLC

Titan Gas and Power

Toledo Edison Company (The)

Tomorrow Energy Corp

Torofino Trading, LLC

Town of Berlin, Maryland

Town of Williamsport

Town Square Energy East, LLC

Tradewind Energy, Inc.

TrailStone Energy Marketing, LLC

Trane Grid Services LLC

Trans-Allegheny Interstate Line Company

TransAlta Energy Marketing (US) Inc.

TransCanada Power Marketing, Ltd.

TranSource, LLC

Transource Energy, LLC

Transource Maryland, LLC

Transource Pennsylvania, LLC

Transource West Virginia, LLC

Tri-County Rural Electric Cooperative, Inc.

TriEagle Energy, LP

Triolith Energy Fund, LP

TrueLight Commodities, LLC

TrueLight Energy Fund, LP

Trustees of the University of Pennsylvania

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

Uniper Global Commodities North America, LLC

University Park Energy, 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

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

Westar Energy, Inc.

West Chicago Battery Storage LLC

West Deptford Energy II, 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 Co Inc.

Wheelabrator Gloucester Company, L.P.

Wheelabrator Portsmouth, Inc.

Wheeling Power Company

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.

WPPI Energy

Wrighter Energy LLC

Wyandot Solar LLC

Wylan Energy, L.L.C.

XO Energy MA, LP

XO Energy MA2, LP

XO Energy MA3, LP

XO Energy NY2 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 (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

Agera Energy 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

ArcelorMittal USA LLC

Arrow Energy RRH, LLC

Astral Energy LLC

Atlantic City Electric Company

Atlantic Energy MD, LLC

Avangrid Renewables, 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

Capital Energy, LLC

Calpine Energy Service, L.P.

Calpine Energy Solutions, LLC

Cargill Power Markets LLC

Central Virginia Electric Cooperative

Centre Lane Trading Limited

Champion Energy Marketing LLC

Champion Energy, LLC

Choice Energy, LLC dba 4 Choice Energy, LLC

CIMA Energy Solutions, 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

Cleveland Electric Illuminating 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 Group, LLC

Convanta Energy Marketing 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.

DPL Energy Resources, Inc.

DTE Energy Trading, Inc.

Duke Energy Kentucky, Inc.

Duke Energy Ohio, Inc.

Duquesne Light Company

Duquesne Light Energy, LLC

DXT Commodities North America LLC

Dynegy Energy Services, LLC

Dynegy Kendall Energy, LLC

Dynegy Marketing and Trade, 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 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

Engie Energy Marketing NA, Inc.

ENGIE Retail, LLC

EnPowered USA Inc.

Entrust Energy East, Inc.

Evergreen Gas & Electric, LLC

Everyday Energy, LLC

Exelon Generation Co., LLC

First Point Power, LLC

FirstEnergy Solutions Corp.

Freepoint Energy Solutions LLC

Frontier Utilities Northeast, LLC

Front Royal (Town of)

Galt Power Inc.

GenOn Power Midwest, LP

Gerdau Ameristeel Energy, Inc.

Great American Power, LLC

Greenlight Energy Inc.

Green Mountain Energy Company

Hagerstown Light Department

Harborside Energy, LLC

Harrison REA, Inc. - Clarksburg, WV

Hartee Parnters, LP

HIKO Energy, LLC

Holcim (US) Inc.

Hoosier Energy REC, Inc.

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

Mansfield Power and Gas, 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.

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 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

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

Pay Less Energy, LLC

PBF Power Marketing LLC

PECO Energy Company

Pennsylvania Electric Company

Pennsylvania Grain Processing LLC

Pennsylvania Power Company

PEPCO Energy Services, Inc.

Pinnacle Power LLC

Plymouth Rock Energy, LLC

Potomac Electric Power Company

Power UP 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, LLC

Rolling Hills Generating, LLC

RPA Energy, Inc.

RRI Energy Services, LLC

RRI Energy Solutions East, LLC

Rushmore Energy, LLC (new)

S.J. Energy Partners, Inc.

Sanford Energy Associates, LLC d/b/a Powervine Energy

Santanna Energy Services

SFE Energy, Inc.

SFE Energy NJ, Inc.

Shipley Choice LLC

Solios Power Mid-Atlantic Trading LLC

Source Power & Gas 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

Switch Energy, LLC

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 April 1, 2019 through June 30, 2019

	Termination
Company Name	Date
Victory Financial Management, Ltd.	4/1/2019
Brighten Energy, LLC	4/1/2019
Mid-Atlantic Renewable Energy Coalition	4/1/2019
SNC-Lavalin Constructors, Inc. Sapphire	4/1/2019
Power Marketing LLC	4/7/2019
Raven Power Marketing LLC	4/7/2019
MEG Generating Company, LLC Dynasty	4/7/2019
Energy Group LLC	4/17/2019
BNP Paribas Energy Trading, GP	5/5/2019
BlueRock Energy, Inc.,	5/29/2019
Lamarr Energy, LLC	6/5/2019
XYZ Consulting LLC	6/6/2019
Future Power PA, LLC	6/12/2019
Connecticut Central Energy LLC	6/12/2019
Holtwood, LLC	6/19/2019
Trident Retail Energy, LLC	6/23/2019

Attachment D

List of New Members (with effective dates)

PJM Interconnection, LLC New Members April 1, 2019 through June 30, 2019

Company Name	Effective Date
Five Elements Energy LLC	4/2/2019
Fern Solar LLC	4/2/2019
Spruance Operating Services, LLC	4/3/2019
Macquarie Energy Trading LLC	4/12/2019
MC Project Company LLC	4/24/2019
LMBE Project Company LLC	4/24/2019
Entergrid Fund I LLC	4/25/2019
Keystone-Conemaugh Projects, LLC	5/1/2019
CPV Three Rivers, LLC	5/1/2019
Z&F Consulting, Inc.	5/14/2019
CPV Keasbey, LLC	5/23/2019
Walden Renewables Development LLC	5/23/2019
Inova Energy LLC	5/29/2019
Perast Fund LP	5/30/2019
Mianus River Energy, LLC	6/3/2019
Geodesic Flow, LLC	6/6/2019
Amazand, LLC	6/6/2019
Wilkinson Solar LLC	6/12/2019
GridBeyond US, LLC	6/17/2019
Jackson Generation, LLC	6/19/2019
Great American Gas & Electric, LLC	6/26/2019
7 Bridges Solar, LLC	6/28/2019
Foxhound Solar, LLC	6/28/2019

Attachment E

List of Member Corporate Name Changes (with effective dates)

PJM Interconnection, LLC Member Corporate Name Changes April 1, 2019 through June 30, 2019

Previous Company Name	New Company Name	Effective Date
Linde Energy Services, Inc.	Messer Energy Services, Inc.	4/12/2019
NRG Power Midwest LP	GenOn Power Midwest, LP	4/16/2019
NRG REMA LLC	GenOn REMA, LLC	4/17/2019
Linde, LLC	Messer LLC	4/23/2019
South Carolina Electric & Gas Company	Dominion Energy South Carolina, Inc.	5/14/2019
Enerwise Global Technologies, Inc.	Enerwise Global Technologies, LLC	6/3/2019
TrailStone Power, LLC	TrailStone Energy Marketing, LLC	6/10/2019

Attachment F

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

PJM Interconnection, LLC New Parties to the RAA April 1, 2019 through June 30, 2019

<u>Company Name</u>	Effective Date
Kentucky Municipal Energy Agency	4/3/2019
DXT Commodities North America LLC	4/23/2019
CIMA Energy Solutions, LLC	4/29/2019

Attachment G

Copy of the Marked
Operating Agreement, Schedule 12
Submitted in Docket No. ER19-1699-000
and Accepted by the Commission on June 18, 2019

SCHEDULE 12 -PJM MEMBER LIST

Abest Power & Gas, LLC

Acadia Energy Partners, LLC

AC Energy, LLC

Acciona Energy North America Corporation (AENAC)

Achieving Equilibrium LLC

ACT Commodities Inc.

ADG Group Inc.

Advanced Energy Economy Inc.

Aeon 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 Energy Storage, LLC

AES ES Holdings, LLC

Aesir Power, LLC

AES Laurel Mountain, LLC

AES Ohio Generation, LLC

A.F. Mensah Inc.

Affirmed Energy LLC

Agera Energy LLC

Aggressive Energy LLC

Agway Energy Services, LLC

Air Products & Chemicals, Inc.

AK Steel Corporation

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.

Altus Power America, Inc.

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 Power Partners, LLC

American PowerNet Management, L.P.

American Transmission Systems Inc.

Ames Energy, LLC

Amity Energy LLC

AMP Transmission, LLC

Anahau Energy, LLC

Anbaric Development Partners, LLC

Anbaric Northeast Transmission Development Company, LLC

Anchor Energy 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

APH Acquisition, LLC

APN Starfirst, LP

Apogee Energy Trading LLC

Appalachian Power Company

Appian Way Energy Partners MidAtlantic, LLC

Approved Energy II LLC

APV Renaissance Opco, LLC

Aquenergy Systems Inc.

ArcelorMittal USA, LLC

Archer Energy, LLC

Arc Private Capital Inc.

Armenia Mountain Wind, LLC

Arrow Energy RRH, LLC

Aspen Generating, LLC

Aspire Power Ventures, LP

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 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

Bayles Energy LLC

Bayonne Plant Holding, L.L.C.

Bazinga, LLC

BBPC LLC d/b/a/ Great Eastern Energy

Beacon Power, LLC

Beaver Dam Energy LLC

Beech Ridge Energy LLC

Beech Ridge Energy Storage 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

Bilton Wong Power, Inc.

Biogas Energy Solutions LLC

BioUrja Power, LLC

Birchwood Power Partners, L.P.

Birdsboro Power LLC

Bishop Hill Energy LLC

BITH Solar I, LLC

BJ Energy, LLC

Black Oak Capital, LLC

Blackout Power Trading Inc.

Blackstone Wind Farm II, LLC

Blackstone Wind Farm, LLC

Blue Ridge Power Agency, Inc.

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

Bowfin KeyCon Energy, LLC

Bowfin KeyCon Power, LLC

BP Energy Company

Brandon Shores LLC

BREG Aggregator LLC

Brick Standard LLC

Brighten Energy, 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

C.P. Crane 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 Cogen Company

Camden Plant Holding, L.L.C.

Camp Grove Wind Farm, LLC

Capacity Markets Partners, LLC

Cape May County Municipal Utilities Authority

Capital Energy LLC

Cargill Power Markets, LLC

Carolina Solar Energy III, 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

Champion Energy, LLC

Champion Energy Marketing LLC

Champion Energy Services, LLC

Chesapeake Transmission LLC

Chief Conemaugh Power, LLC

Chief Keystone Power, LLC

Choice Energy, LLC dba 4 Choice Energy, LLC

CIMA ENERGY SOLUTIONS, 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 Philippi – West VA

City of Rochelle

CleanChoice Energy, Inc.

Clean Energy Future, LLC

Clean Energy Future - Lordstown, LLC

CleanLight Power + Energy, LLC

Clear Power LLC

Cleveland Electric Illuminating Company

CMS Energy Resource Management Company

Coaltrain Energy LP

Coastal Strategies, LLC

Cognovi Analytics, LLC

Collegiate Clean Energy, LLC

Commonwealth Chesapeake Company, LLC

Commonwealth Edison Company

Community Energy, Inc.

Connecticut Central Energy LLC

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

County of Frederick, VA

Covanta Energy Group, LLC

Covanta Energy Marketing LLC

Covanta Essex Company

Covanta Union, LLC

C.P. Crane LLC

CP Energy Marketing (US) Inc.

CPV Fairview, LLC

CPV MARYLAND, LLC

CPV Power Holdings, LP

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.

CWP Energy Inc.

Cypress Creek Renewables, LLC

Darby Energy, LLLP

Darby Power, LLC

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

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 Fairless, LLC

Dominion Energy Generation Marketing, Inc.

Domtar Paper Company, LLC

Doswell Limited Partnership

Downes Associates, Inc.

DPL Energy Resources, LLC

Drift Marketplace, Inc.

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

Duquesne Conemaugh LLC

Duquesne Keystone LLC

Duquesne Light Company

Duquesne Light Energy, LLC

Duquesne Power LLC

DXT Commodities North America LLC

Dynamix Energy Services Company, LLC

Dynasty Energy California Inc.

Dynasty Energy Group LLC

Dynasty North America Holdings Inc.

Dynasty Power Inc.

Dynegy Energy Services, LLC

Dynegy Kendall Energy, LLC

Dynegy Marketing and Trade, LLC

Dynegy Power Marketing, LLC

Eagle Creek Hydro Holdings, LLC

Eagle Point Power Generation 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

eCap Network, LLC

Ecesis LLC

EcoGrove Wind, LLC

EDF Trading North America, LLC

Edgecombe Genco, LLC

EDP Energy Services, LLC

EDP Renewables North America, LLC

EF Kenilworth LLC

EFS Parlin Holdings, LLC

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

Emporia Renewable Energy Corp

ENBALA Power Networks, Inc.

Endurance Energy Midwest LLC

Enel Trading North America, LLC

Enel X North America, Inc.

ENERGIA Y SERVICIOS DEL ISTMO CENTROAMERICANO, S.A. DE C V. INC.

Energy Authority, Inc. (The)

Energy Center Dover LLC

Energy Consulting Services, LLC

Energy Cooperative Association of Pennsylvania

Energy Cooperative of America, Inc.

EnergyHub, Inc.

Energy Plus Holdings LLC

Energy Power Investment Company, LLC

Energy Service Providers, Inc.

Energy Solutions Consortium Holdings, LLC

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.

EnerPenn USA, LLC

Enerwise Global Technologies, Inc.

Engelhart CTP (US) LLC

ENGIE Energy Marketing NA, Inc.

ENGIE Resources LLC

ENGIE Retail, LLC

EnPowered USA Inc.

Entrust Energy East, Inc.

E.ON Climate & Renewables North America Inc.

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

EverPower Commercial Services, LLC

Everyday Energy, LLC

Exelon Business Services Company, LLC

Exelon Generation Company, LLC

Fairless Energy, L.L.C.

Falcon Energy, LLC

Fantods LLC

Fermata, LLC

FirstEnergy Solutions Corp.

First Point Power, LLC

FiTran Fund LP

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

Franklin Power LLC

Freepoint Commodities LLC

Freepoint Energy Solutions LLC

Fresh Air Energy XVIII, LLC

Fresh Air Energy XXXV, LLC

Frontier Utilities Northeast, LLC

Future Power PA 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

Gen Ops, LLC

Geodesic 2 LLC

Georgia Power Company

Gerdau Ameristeel Energy, Inc

GlidePath Power Operations LLC

Grain Belt Express Clean Line 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

Gravity Renewables, Inc.

Grays Ferry Cogeneration Partnership

Great American Power, LLC

Great Barrington Energy Fund LP

Great Bay Energy III, LLC

Great Falls Hydroelectric Company, Limited Partnership

Green Energy NE LLC

Greenlight Energy Inc.

Green Mountain Energy Company

Green River Holdings, LLC

GRG ENERGY LLC

Grid Power Direct, LLC

Gridforce Energy Management, LLC

Group628, LLC

GSG, LLC

GSG 6, LLC

Guernsey Power Station LLC

Gulf Power Company

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

Hartree Partners, LP

Hawks Nest Hydro LLC

Hazle Spindle, LLC

Hazleton Generation LLC

Headwaters Wind Farm LLC

Helix Ironwood, LLC

Hemlock Solar, LLC

Hemsworth Capital LP

Hemsworth Capital Midwest LP

Hexis Energy Trading, LLC

Hickory Run Energy, LLC

Highland North LLC

High Resolution Energy, LLC

High Trail Wind Farm LLC

HIKO Energy, LLC

Hill Energy Resource & Services, LLC

Hill Top Energy Center, LLC

Hilltopper Wind Power, LLC

Holcim (US), Inc.

Holocene Finance, LLC

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

Hudson Energy Services, LLC

Hudson Transmission Partners, LLC

HXNAir Solar One, LLC

Icetec.com, Inc.

Icetec Energy Services, Inc.

IDT Energy, Inc.

IHG Core Holdings, Ltd.

Illinois Citizens Utility Board

Illinois Municipal Electric Agency

Illinois Power Marketing Company

IMG Midstream LLC

Incite Energy, 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

Innogy Energy Services LLC

Innovari Market Solutions LLC

Innoventive Power LLC

Inspire Energy Holdings, LLC

Integrated Energy Services, LLC

Intelligent Generation LLC

International Paper Company

Interstate Gas Supply, Inc.

Interstate Power and Light Company

Invenergy Energy Management LLC

Invenergy LLC

Invenergy Nelson LLC

IPKeys Power Partners LLC

ISO 1, LLC

ITC Interconnection LLC

ITC Mid-Atlantic Development LLC

Jack Rich, Inc. d/b/a Anthracite Power & Light Company

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

JPTC, LLC

Just Energy Solutions Inc.

Kansas City Power & Light Company

KDC Solar Green Power 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

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

Koch Energy Services, LLC

KOREnergy, Ltd.

Krayn Wind LLC

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

Lamarr Energy, LLC

Lancaster County Solid Waste Management Authority

Landaj Investment, LLC

Land O'Lakes, Inc.

Lantar Energy LLC

Lawrenceberg Power, LLC

Lee County Generating Station, LLC

Lee River Proprietary Strategies, Inc.

Leeward Asset Management, LLC

Legacy Energy Group, LLC (The)

Lehigh Portland Cement Company

LEPPM, LLC

Letterkenny Industrial Development Authority – PA

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

Linde Energy Services, Inc.

Linde, LLC

Linden VFT LLC

Links EP LLC

LM Power, LLC

LMP Research Inc.

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

LOA, LLC

LSC Communications US, LLC

LSP University Park, LLC

LTSTE Investments, LLC

Lykins Oil Company d/b/a Lykins Energy Solutions

Macquarie Energy, LLC

Madison Gas and Electric Co.

MAG Energy Solution, Inc.

Mahoning Creek Hydroelectric Company, LLC

Main Line Generation, 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

Marubeni Power International, Inc.

Marvel Energy, LP

Maryland Office of People's Counsel

Maryland Solar LLC

Mattawoman Energy, 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

MEG Generating Company, LLC

Mehoopany Wind Energy LLC

Mendota Hills, LLC

Mercuria Energy America, Inc.

Mercuria SJAK Trading, LLC

Merrill Lynch Commodities, Inc.

Metropolitan Edison Company

Metropolitan Water Reclamation District of Greater Chicago

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

Mid-Atlantic Interstate Transmission, 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

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 Cogeneration Inc.

MWD Trading, LLC

NATGASCO d/b/a/ Supreme Energy, Inc.

National Gas & Electric, LLC

Nautilus Power, LLC

Nautilus Solar Energy, LLC

NDC Partners, LLC

NedPower Mount Storm, LLC

NEPM II, LLC

Neptune Regional Transmission System, LLC

NERC-Middlesex Solar I, 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, LLC

Nexus Energy Inc.

Nittany Energy, LLC

NJR Clean Energy Ventures Corporation

NJR Clean Energy Ventures II Corporation

NJR Clean Energy Ventures III Corporation

Nordic Energy Services 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 Potomac River LLC

NRG Power Marketing, LLC

NRG Power Midwest LP

NRG REMA LLC

NRGStream LLC

NTE Carolinas, 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

OhmConnect, Inc.

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

Oregon Clean Energy, LLC

Osaka Gas USA Corporation

Owensboro Municipal Utilities

Oxbow Creek Energy LLC

Oxford Energy Services, LLC

Ozark International, Inc.

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

Panda Hummel Station LLC

Panda Liberty LLC

Panda Patriot 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

Pay Less Energy, LLC

PBF Power Marketing, LLC

PECO Energy Company

Pedricktown Cogeneration Company LP

Pegasus Energy Futures LLC

PEI Power Corporation

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

Pharentram Energy Services, Ltd.

P.H. Glatfelter Company

Philadelphia Energy Solutions Refining and Marketing LLC

Piedmont Energy Fund, L.P.

Pilot Power Group, Inc.

Pine Hill Energy LLC

Pinnacle Power LLC

Pixelle Specialty Solutions LLC

Plant-E Corp.

Plymouth Rock Energy, LLC

Portsmouth Genco, LLC

Potomac Edison Company (The) d/b/a Allegheny Power

Potomac Electric Power Company

Power Engineers, Incorporated

Power Supply Services, LLC

Power Up 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

Prime Trading, 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 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

QPH CAPITAL, LLC

Quasar Energy Group, LLC

Quattro Energy LP

R2M Technologies Inc.

Radford's Run Wind Farm, LLC

Rainbow Energy Marketing Corporation

Rainbow Energy Ventures LLC

Rausch Creek Electric Power Holdings, LLC

Raven Power Marketing LLC

RC Cape May Holdings, LLC

Realgy, LLC

Red Glen Energy LLC

Red Oak Power, LLC

Red Wolf PT, 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, L.L.C.

Respond Power, LLC

Richland-Stryker Generation LLC

RI-Corp. Development, Inc.

Ringer Hill Wind, LLC

Riverside Generating Company, L.L.C.

Robinson Power Company, LLC

Robison Energy (Commercial) LLC

Rochester Gas and Electric Corporation

Rockfish Solar LLC

Rock Island Clean Line LLC

Rockland Electric Company

Rocky Road Power, LLC

Rolling Hills Generating, L.L.C.

Roseton Generating LLC

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

RTR Energy Solutions LLC

Rushmore Energy, LLC (new).

Safe Harbor Water Power Corporation

Safeway Inc.

Sanford Energy Associates, LLC

Sanitas Power, LLC

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

Seneca Trading LLC

SESCO ENTERPRISES LLC

Seven Islands Environmental Solutions, 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.

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

Smart Wires Inc.

SNC-Lavalin Constructors, Inc.

Solios Power Mid-Atlantic Trading, LLC

Solios Power Mid-Atlantic Virtual LLC

Source Power & Gas LLC

Southampton Solar LLC

South Bay Energy Corp.

South Carolina Electric & Gas Company

Southeastern Chester County Refuse Authority

Southeastern Power Administration

Southern Indian Gas and Electric Company d/b/a Vectren Power Supply Inc.

Southern Maryland Electric Cooperative, Inc.

Southern Power Company

South Field Energy LLC

South Jersey Energy Company

Spark Energy, LLC

Sperian Energy Corp

sPower Energy Marketing, LLC

Spring Energy RRH, LLC dba Spring Power & GasSpruance Genco, LLC

Spruce Power Trading, LLCStandard Gas & Electric, LLC

Star Energy Partners LLC

Starion Energy PA, Inc.

STATARB INVESTMENTS 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

Suffolk Fund LLC

Summer Energy Midwest, LLC

Summit Farms Solar, LLC

SunCoke Energy, Inc

Sunflower Solar LLC

SunSea Energy, LLC

Sunshaw Power Trading, LLC

Sun Tribe Solar, LLC

Sunwave USA Holdings Inc.

Susquehanna Nuclear, LLC

Sustaining Power Solutions LLC

Switch Energy, LLC

Syncarpha Solar, LLC

Tait Electric Generating Station, LLC

Talen Energy Marketing, LLC

Taller Cube, LLC

Tangent Energy Solutions, Inc.

TAOA 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

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

Tios Capital, LLC

Titan Gas and Power

Toledo Edison Company (The)

Tomorrow Energy Corp

Torofino Trading, LLC

Town of Berlin, Maryland

Town of Williamsport

Town Square Energy East, LLC

Tradewind Energy, Inc.

TrailStone Power, LLC

Trane Grid Services LLC

Trans-Allegheny Interstate Line Company

TransAlta Energy Marketing (US) Inc.

TransCanada Power Marketing, Ltd.

TranSource, LLC

Transource Energy, LLC

Transource Maryland, LLC

Transource Pennsylvania, LLC

Transource West Virginia, LLC

Tri-County Rural Electric Cooperative, Inc.

Trident Retail Energy, LLC

TriEagle Energy, LP

Triolith Energy Fund, LP

Trishe Wind Ohio, LLC

TrueLight Commodities, LLC

TrueLight Energy Fund, LP

Trustees of the University of Pennsylvania

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

Uniper Global Commodities North America, LLC

University Park Energy, 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.

Victory Financial Management, Ltd.

Vineland Municipal Electric Utility

Virginia Division of Consumer Counsel

Virginia Electric and Power Company

Virginia Solar 2017 Projects LLC

Virginia State Corporation Commission

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.

Walnut Ridge Wind, LLC

Walleye Power, LLC

Waterford Power, LLC

Wellsboro Electric Company

Westar Energy, Inc.

West Chicago Battery Storage LLC

West Deptford Energy II, 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 Co Inc.

Wheelabrator Gloucester Company, L.P.

Wheelabrator Portsmouth, Inc.

Wheeling Power Company

Whitney Hill Wind Power, LLC

Wildcat Wind Farm I, 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.

WPPI Energy

Wrighter Energy LLC

Wyandot Solar LLC

Wylan Energy, L.L.C.

XO Energy MA, LP

XO Energy MA2, LP

XO Energy MA3, LP

XO Energy NY2 LP

Xoom Energy Maryland, LLC

Xoom Energy New Jersey, LLC

XOOM Energy Ohio, LLC

XOOM Enegy Washington D.C., LLC

Xoom Energy, LLC

XYZ Consulting 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.