

Operating Committee  
Webex/PJM Conference & Training Center  
March 12, 2026  
9:00 a.m. – 12:30 p.m. EPT

## Administration

1. David Mroz, PJM, provided announcements; reviewed the Antitrust, Code of Conduct, Public Meetings/Media Participation, and the WebEx Participant Identification Requirement.
  - a. Reviewed and approved draft minutes from the February 5, 2026 Operating Committee meeting.

## Endorsements

2. ~~Manual 01: Control Center and Data Exchange Requirements~~  
Ryan Nice, PJM, will present a Problem Statement, Issue Charge and proposed solution seeking to bring greater clarity and consistency to Manual 01: Control Center and Data Exchange Requirements. **The Operating Committee will be asked to approve the Issue Charge and endorse the proposed solution and corresponding Manual changes as part of the Quick Fix process outlined in Section 8.6.1 of Manual 34 at today's meeting.**

## First Reads

3. Manual 12: Balancing Operations  
Steve Barczyk, PJM, reviewed Manual 12 changes as a part of the periodic review. The Operating Committee will be asked to endorse these changes at its next meeting.
4. Manual 37: Reliability Coordination  
Todd Bickel, PJM, reviewed Manual 37 changes as a part of the periodic review. The Operating Committee will be asked to endorse these changes at its next meeting.

## Working Items

5. Storage as a Transmission Asset (SATA)
  - a. Anita Patel ~~and Jeff Schmitt~~, PJM, reviewed the work plan for SATA Phase II efforts and led a discussion on options and packages for Phase 2 within the matrix.
  - b. Joe Bowring, IMM, provided an update and feedback regarding the IMM's position.
  - c. ~~Juliet Anderson~~ Josh Ghosh, Constellation, provided an alternative solution and package.

[Issue Tracking: Storage as a Transmission Asset – Phase II](#)

## Review of Operations

6. Operating Metrics  
Marcus Smith, PJM, and David Kimmel, PJM, reviewed the February 2026 PJM operating metrics

slides. Metrics included PJM's load forecast error, BAAL performance, and transmission / generation outage statistics.

7. Security Update  
Jim Gluck, PJM, provided the latest security briefing.
8. Primary Frequency Response Update  
Ross Kelly, PJM, provided an update on PJM primary frequency response performance.
9. Regulation Performance Update  
Ilyana Dropkin, PJM, provided an update on PJM regulation market performance.
10. Synchronous Reserve Update  
David Kimmel, PJM, provided a review of recent synchronous reserve performance.

## Additional Items

11. Reliability Compliance Update  
Gizella Mali, PJM, provided a compliance update on FERC/NERC and Regional activities.
12. FERC Order 881 Progress Update  
[Vy Le Stephanie Schwarz](#), PJM, provided an update on PJM's progress towards compliance with FERC Order 881.
13. PJM Grid Security Drill 2026  
Ed Figuli, PJM, provided an update regarding the 2026 Grid Security Drill.

## Informational Only Postings

14. DLR Updates  
Informational posting of upcoming DLR changes.
15. Fast-Start Capable Requests  
Informational posting of the Fast-Start Capable request process and deadline.
16. NERC Lessons Learned  
Informational posting of NERC's recent lessons learned on the following topics: Generator Field Breaker Failure, Preparing the Grid for Wind Energy Droughts and Down Ramps, and Load Pocket Shoulder Season Challenges.

## OC Subcommittee/Task Force Informational Section

System Operations Subcommittee (SOS): [SOS Website](#)  
Distributed Resources Subcommittee (DISRS): [DISRS Website](#)

Future Meeting Dates and Materials			Materials Due to Secretary	Materials Published
Date	Time	Location	5:00 p.m. EPT deadline*	
March 12, 2026	9 a.m.	PJM Conference & Training Center and Webex	March 2, 2026	March 5, 2026
April 9, 2026	9 a.m.	PJM Conference & Training Center and Webex	March 30, 2026	April 2, 2026
May 7, 2026	9 a.m.	PJM Conference & Training Center and Webex	April 27, 2026	April 30, 2026
June 4, 2026	9 a.m.	PJM Conference & Training Center and Webex	May 25, 2026	May 28, 2026
July 9, 2026	9 a.m.	PJM Conference & Training Center and Webex	June 29, 2026	July 2, 2026
August 6, 2026	9 a.m.	PJM Conference & Training Center and Webex	July 27, 2026	July 30, 2026
September 10, 2026	9 a.m.	PJM Conference & Training Center and Webex	August 31, 2026	September 3, 2026
October 8, 2026	9 a.m.	PJM Conference & Training Center and Webex	September 28, 2026	October 1, 2026
November 5, 2026	9 a.m.	PJM Conference & Training Center and Webex	October 26, 2026	October 29, 2026
December 3, 2026	9 a.m.	PJM Conference & Training Center and Webex	November 23, 2026	November 26, 2026

\*Materials received after 12:00 p.m. EPT are not guaranteed timely posting by 5:00 p.m. EPT on the same day.

Author: D. Mroz

## Attendance

In-Person Attendance			
Last Name	First Name	Company	Sector
Patel (Facilitator)	Anita	PJM Interconnection	None
Mroz (Secretary)	David	PJM Interconnection	None
Anders	David	PJM Interconnection	None
Barczyk	Steven	PJM Interconnection	None
Bickel	Todd	PJM Interconnection	None
Dajewski	Paul	PJM Interconnection	None
Dropkin	Ilyana	PJM Interconnection	None
Ghattas	Monica	Atlantic City Electric Company	Electric Distributor
Ghosh	Josh	Calvert Cliffs Nuclear Power Plant, LLC	Generation Owner
Ghosh	Josh	Constellation Energy Generation, LLC	Generation Owner
Ghosh	Josh	Constellation NewEnergy, Inc.	Other Supplier
Ghosh	Josh	Handsome Lake Energy, LLC	Generation Owner
Gluck	James	PJM Interconnection	None
Heinle	Eric	Constellation Energy Generation, LLC	Generation Owner
Hsia	Eric	PJM Interconnection	None
Hurd	Shawn	Allegheny Energy Supply Company, L.L.C.	Generation Owner
Hurd	Shawn	American Transmission Systems, Inc.	Transmission Owner
Hurd	Shawn	Cleveland Electric Illuminating Company	Electric Distributor
Hurd	Shawn	FirstEnergy Pennsylvania Electric Company	Electric Distributor

Hurd	Shawn	Jersey Central Power & Light Company	Transmission Owner
Hurd	Shawn	Keystone Appalachian Transmission Company	Transmission Owner
Hurd	Shawn	Mid-Atlantic Interstate Transmission, LLC	Transmission Owner
Hurd	Shawn	Monongahela Power Company	Transmission Owner
Hurd	Shawn	Ohio Edison Company	Electric Distributor
Hurd	Shawn	The Potomac Edison Company	Transmission Owner
Hurd	Shawn	Toledo Edison Company	Electric Distributor
Hurd	Shawn	Trans-Allegheny Interstate Line Company	Transmission Owner
Kogut	George	New York Power Authority	Other Supplier
Lacek	Mollie	PJM Interconnection	None
Lai	Erin	PJM Interconnection	None
Mali	Gizella	PJM Interconnection	None
Mason	Gary	PSEG Energy Resources & Trade LLC	Other Supplier
Mason	Gary	PSEG Energy Solutions LLC	Other Supplier
Mason	Gary	PSEG Nuclear LLC	Generation Owner
Mason	Gary	Public Service Electric and Gas Company	Transmission Owner
Moran	Christopher	PJM Interconnection	None
Mulhern	Joseph	PJM Interconnection	None
Shields	Jeffrey	PJM Interconnection	None
Smith	Marcus	PJM Interconnection	None
Souder	David	PJM Interconnection	None
Wharton	Matthew	PJM Interconnection	None

### WebEx Attendance

Last Name	First Name	Company	Sector
Abdur-Rahman	Muhsin	Citigroup Energy, Inc.	Other Supplier
Baizman	Aaron	PJM Interconnection	None
Baker	Jeff	Duke Energy Kentucky, Inc.	Transmission Owner
Baker	Jeff	Duke Energy Ohio, Inc.	Transmission Owner
Baker	Scott	PJM Interconnection	None
Bangston	Kaley	NextEra Energy Bluff Point, LLC	Generation Owner
Bangston	Kaley	NextEra Energy Marketing, LLC	Other Supplier
Bangston	Kaley	Nextera Energy Services Illinois, LLC	Other Supplier
Bangston	Kaley	Nextera Energy Services New Jersey, LLC	Other Supplier
Bangston	Kaley	NextEra Energy Transmission MidAtlantic, Inc.	Transmission Owner
Bangston	Kaley	NextEra Energy Transmission, LLC	Other Supplier
Belenky	Maria	PJM Interconnection	None
Benitez	Rick	American Modular Power Solutions Inc.	None
Benitez	Rick	AMES Inc.	None

Benitez	Rick	BENC Testing	None
Benitez	Rick	BENG C	None
Benitez	Rick	Bluefin Energy Solutions	None
Benitez	Rick	Bluefin ESI, Inc.	None
Benitez	Rick	iBVEnergy	None
Berg	Weston	Jersey Green Energy, LLC	Other Supplier
Bernstein	Matthew	PJM Interconnection	None
Boehnlein	Andrew	Virginia State Corporation Commission	None
Bowring	Joe	Monitoring Analytics, LLC	None
Braunstein	Daniel	Duquesne Light Company	Transmission Owner
Brodbeck	John	Blackstone Wind Farm II LLC	Generation Owner
Brodbeck	John	Blackstone Wind Farm, LLC	Generation Owner
Brodbeck	John	Blue Harvest Solar Park LLC	Generation Owner
Brodbeck	John	EDP Renewables North America LLC	Generation Owner
Brodbeck	John	Headwaters Wind Farm II LLC	Generation Owner
Brodbeck	John	Headwaters Wind Farm LLC	Generation Owner
Brodbeck	John	High Trail Wind Farm LLC	Generation Owner
Brodbeck	John	Lexington Chenoa Wind Farm LLC	Generation Owner
Brodbeck	John	Meadow Lake Wind Farm II LLC	Generation Owner
Brodbeck	John	Meadow Lake Wind Farm III, LLC	Generation Owner
Brodbeck	John	Meadow Lake Wind Farm IV, LLC	Generation Owner
Brodbeck	John	Meadow Lake Wind Farm V LLC	Generation Owner
Brodbeck	John	Meadow Lake Wind Farm VI LLC	Generation Owner
Brodbeck	John	Meadow Lake Wind Farm, LLC	Generation Owner
Brodbeck	John	Paulding Wind Farm II, LLC	Generation Owner
Brodbeck	John	Paulding Wind Farm III LLC	Generation Owner
Brodbeck	John	Paulding Wind Farm IV LLC	Generation Owner
Brodbeck	John	Riverstart Solar Park III LLC	Generation Owner
Brodbeck	John	Riverstart Solar Park LLC	Generation Owner
Brodbeck	John	Sustaining Power Solutions LLC	Other Supplier
Brodbeck	John	Timber Road Solar Park LLC	Generation Owner
Brown	Rich	PJM Interconnection	None
Callaghan	Christopher	PJM Interconnection	None
Callen	Zachary	Illinois Commerce Commission	None
Cao	Roger	PJM Interconnection	None
Carmean	Gregory	Organization of PJM States, Inc.	None
Carson	Donna	East Kentucky Power Cooperative, Inc.	Transmission Owner
Chmielewski	Brian	PJM Interconnection	None
Chu	George	PJM Interconnection	None
Ciabattoni	Joseph	PJM Interconnection	None

Clingan	Kristin	Public Utilities Commissions of Ohio	None
Connolly	Matthew	PJM Interconnection	None
Costes	Taylor	Indiana Utility Regulatory Commission	None
Cox	Jason	EQ Energy Advisors, LLC	None
Curley	Maureen	PJM Interconnection	None
Dadourian	John	Monitoring Analytics	None
Dantonio	Phil	PJM Interconnection	None
Daugherty	Danielle	ReliabilityFirst	None
Davis	Elizabeth	PJM Interconnection	None
Davis	Jim	Dominion Energy Generation Marketing, Inc.	Generation Owner
Della Pietra	Anthony	American Modular Power Solutions Inc.	None
Della Pietra	Anthony	AMES Inc.	None
Della Pietra	Anthony	BENC Testing	None
Della Pietra	Anthony	Bluefin ESI, Inc.	None
DellaPietra	Anthony	BE&C	None
Detweiler	Katie	Federal Energy Regulatory Commission	None
Diaz	Juan	Enel Green Power Hilltopper Wind, LLC	Generation Owner
Diaz	Juan	Enel Trading North America, LLC	Other Supplier
Diaz	Juan	Enel X North America, Inc.	Other Supplier
DiMartino	Denise	PJM Interconnection	None
Dirani	Rami	PJM Interconnection	None
Downs	Jere	PJM Interconnection	None
Drake	Cary	Ormat	None
Duane	Ava	Geronimo Power Marketing, LLC	Other Supplier
Dugan	Chuck	East Kentucky Power Cooperative, Inc.	Transmission Owner
Dumitriu	Nicolae	PJM Interconnection	None
Duong	Christina	Cypress Creek Renewables, LLC	Generation Owner
El Atieh	Melanie	Pennsylvania Office of Consumer Advocate	End-Use Customer
Ellis	Jordan	AEP Appalachian Transmission Company, Inc.	Transmission Owner
Ellis	Jordan	AEP Energy Partners, Inc.	Transmission Owner
Ellis	Jordan	AEP Energy, Inc.	Transmission Owner
Ellis	Jordan	AEP Indiana Michigan Transmission Company, Inc.	Transmission Owner
Ellis	Jordan	AEP Kentucky Transmission Company, Inc.	Transmission Owner
Ellis	Jordan	AEP Ohio Transmission Company, Inc.	Transmission Owner
Ellis	Jordan	AEP Retail Energy Partners, LLC	Transmission Owner
Ellis	Jordan	AEP West Virginia Transmission Company, Inc.	Transmission Owner
Ellis	Jordan	Appalachian Power Company	Transmission Owner
Ellis	Jordan	Indiana Michigan Power Company	Transmission Owner

Ellis	Jordan	Kentucky Power Company	Transmission Owner
Ellis	Jordan	Kingsport Power Company	Transmission Owner
Ellis	Jordan	Ohio Power Company	Transmission Owner
Ellis	Jordan	Ohio Valley Electric Corporation	Transmission Owner
Ellis	Jordan	Transource Energy, LLC	Transmission Owner
Ellis	Jordan	Transource Maryland, LLC	Transmission Owner
Ellis	Jordan	Transource Pennsylvania, LLC	Transmission Owner
Ellis	Jordan	Transource West Virginia, LLC	Transmission Owner
Ellis	Jordan	Wheeling Power Company	Transmission Owner
Endress	Eric	White Peak Energy LLC	Other Supplier
Fabiano	Janell	Louisville Gas and Electric Company/Kentucky Utilities Company	Transmission Owner
Fabiano	Janell	PPL Electric Utilities Corporation d/b/a PPL Utilities	Transmission Owner
Fan	Zhenyu	PJM Interconnection	None
Fereshetian	Damon	PJM Interconnection	None
Fernands	Ruth	Customized Energy Solutions, Ltd.	None
Figuli	Edward	PJM Interconnection	None
Filomena	Guy	Customized Energy Solutions, Ltd.	None
Fink	Sari	MAREC Action	None
Fitzpatrick	Brian	PJM Interconnection	None
Foladare	Kenneth	Geenex Solar LLC	Other Supplier
Foster	Tom	PJM Interconnection	None
Frogg	Darrell	PJM Interconnection	None
Gambrell	Kiev	PJM Interconnection	None
Garnett	Bryan	Duke Energy Business Services LLC	Transmission Owner
Garnett	Bryan	Duke Energy Carolinas, LLC	Other Supplier
Garnett	Bryan	Duke Energy Florida, LLC	Other Supplier
Garnett	Bryan	Duke Energy Kentucky, Inc.	Transmission Owner
Garnett	Bryan	Duke Energy Ohio, Inc.	Transmission Owner
Garnett	Bryan	Duke Energy Progress, LLC	Other Supplier
Gates	Terry	AEP Appalachian Transmission Company, Inc.	Transmission Owner
Gates	Terry	AEP Energy Partners, Inc.	Transmission Owner
Gates	Terry	AEP Energy, Inc.	Transmission Owner
Gates	Terry	AEP Indiana Michigan Transmission Company, Inc.	Transmission Owner
Gates	Terry	AEP Kentucky Transmission Company, Inc.	Transmission Owner
Gates	Terry	AEP Ohio Transmission Company, Inc.	Transmission Owner
Gates	Terry	AEP Retail Energy Partners, LLC	Transmission Owner

Gates	Terry	AEP West Virginia Transmission Company, Inc.	Transmission Owner
Gates	Terry	Appalachian Power Company	Transmission Owner
Gates	Terry	Indiana Michigan Power Company	Transmission Owner
Gates	Terry	Kentucky Power Company	Transmission Owner
Gates	Terry	Kingsport Power Company	Transmission Owner
Gates	Terry	Ohio Power Company	Transmission Owner
Gates	Terry	Ohio Valley Electric Corporation	Transmission Owner
Gates	Terry	Transource Energy, LLC	Transmission Owner
Gates	Terry	Transource Maryland, LLC	Transmission Owner
Gates	Terry	Transource Pennsylvania, LLC	Transmission Owner
Gates	Terry	Transource West Virginia, LLC	Transmission Owner
Gates	Terry	Wheeling Power Company	Transmission Owner
Gates	Terry	AEP Appalachian Transmission Company, Inc.	Transmission Owner
Gates	Terry	AEP Energy Partners, Inc.	Transmission Owner
Gates	Terry	AEP Energy, Inc.	Transmission Owner
Gates	Terry	AEP Indiana Michigan Transmission Company, Inc.	Transmission Owner
Gates	Terry	AEP Kentucky Transmission Company, Inc.	Transmission Owner
Gates	Terry	AEP Ohio Transmission Company, Inc.	Transmission Owner
Gates	Terry	AEP Retail Energy Partners, LLC	Transmission Owner
Gates	Terry	AEP West Virginia Transmission Company, Inc.	Transmission Owner
Gates	Terry	Appalachian Power Company	Transmission Owner
Gates	Terry	Indiana Michigan Power Company	Transmission Owner
Gates	Terry	Kentucky Power Company	Transmission Owner
Gates	Terry	Kingsport Power Company	Transmission Owner
Gates	Terry	Ohio Power Company	Transmission Owner
Gates	Terry	Ohio Valley Electric Corporation	Transmission Owner
Gates	Terry	Transource Energy, LLC	Transmission Owner
Gates	Terry	Transource Maryland, LLC	Transmission Owner
Gates	Terry	Transource Pennsylvania, LLC	Transmission Owner
Gates	Terry	Transource West Virginia, LLC	Transmission Owner
Gates	Terry	Wheeling Power Company	Transmission Owner
Gatti	Anthony	PJM Interconnection	None
Gordon	Jonathan	Advanced Energy Economy	None
Guntle	Vince	American PowerNet Management, L.P.	End-Use Customer
Guzman-Santiago	Andrea	PJM Interconnection	None
Hall	Heather	Atlantic City Electric Company	Electric Distributor
Hall	Heather	Baltimore Gas and Electric Company	Transmission Owner

Hall	Heather	Commonwealth Edison Company	Transmission Owner
Hall	Heather	Delmarva Power & Light Company	Electric Distributor
Hall	Heather	Exelon Business Services Company, LLC	Transmission Owner
Hall	Heather	PECO Energy Company	Transmission Owner
Hall	Heather	Potomac Electric Power Company	Electric Distributor
handlin	mike	PJM Interconnection	None
Hastings	David	Long Island Power Authority	Other Supplier
Hatch	Kevin	PJM Interconnection	None
Hauske	David	PJM Interconnection	None
Heinbaugh	Brian	Old Dominion Electric Cooperative	Electric Distributor
Heisey	Bradley	Alpaca Energy LLC	Generation Owner
Heisey	Bradley	Beaver Dam Energy LLC	Generation Owner
Heisey	Bradley	Milan Energy LLC	Generation Owner
Heisey	Bradley	Oxbow Creek Energy LLC	Generation Owner
Heisey	Bradley	Roundtop Energy LLC	Generation Owner
Heisey	Bradley	Tenaska Pennsylvania Partners, LLC	Generation Owner
Heisey	Bradley	Tenaska Power Services Co.	Generation Owner
Heisey	Bradley	Tenaska Virginia Partners, L.P.	Generation Owner
Heisey	Bradley	Tenaska, Inc.	None
Heisey	Bradley	Wolf Run Energy LLC	Generation Owner
Helfer	Arleigh	PJM Interconnection	None
Hoatson	Tom	NRG Business Marketing LLC	Generation Owner
Hoffman	Kristina	PJM Interconnection	None
Hohenshilt	Jennifer	Brandon Shores LLC	Generation Owner
Hohenshilt	Jennifer	Brunner Island, LLC	Generation Owner
Hohenshilt	Jennifer	Camden Plant Holding, L.L.C.	Generation Owner
Hohenshilt	Jennifer	Elmwood Park Power, LLC	Generation Owner
Hohenshilt	Jennifer	Guernsey Power Station LLC	Generation Owner
Hohenshilt	Jennifer	H.A. Wagner LLC	Generation Owner
Hohenshilt	Jennifer	LMBE Project Company LLC	Generation Owner
Hohenshilt	Jennifer	MC Project Company LLC	Generation Owner
Hohenshilt	Jennifer	Montour, LLC	Generation Owner
Hohenshilt	Jennifer	Moxie Freedom LLC	Generation Owner
Hohenshilt	Jennifer	Newark Bay Cogeneration Partnership, L.P.	Generation Owner
Hohenshilt	Jennifer	Pedricktown Cogeneration Company LP	Generation Owner
Hohenshilt	Jennifer	Susquehanna Nuclear, LLC	Generation Owner
Hohenshilt	Jennifer	Talen Energy Marketing, LLC	Generation Owner
Hohenshilt	Jennifer	York Generation Company, LLC	Generation Owner
Horstmann	John	AES Energy Storage, LLC	Generation Owner
Horstmann	John	AES ES Holdings, LLC	Generation Owner

Horstmann	John	AES Integrated Energy, LLC	Other Supplier
Horstmann	John	AES Laurel Mountain, LLC	Generation Owner
Horstmann	John	AES Ohio Generation, LLC	Generation Owner
Horstmann	John	AES Solutions Management, LLC	Other Supplier
Horstmann	John	Dayton Power & Light Company (The)	Transmission Owner
Horstmann	John	Great Cove Solar II LLC	Generation Owner
Horstmann	John	Great Cove Solar LLC	Generation Owner
Horstmann	John	Miami Valley Lighting, LLC	End-Use Customer
Horstmann	John	sPower Energy Marketing, LLC	Generation Owner
Horton	Brian	Hyperscale Energy 1, LLC	Other Supplier
Hull	Gerit	American Municipal Power, Inc.	Electric Distributor
Hunter	Benjamin	Delaware DNREC State Energy Office	None
Hyatt	Earl	Monitoring Analytics	None
Hyzinski	Tom	GT Power Group, LLC	None
Iler	Arthur	Indiana Office of Utility Consumer Counselor (IN OUCC)	End-Use Customer
Isaac	Carlos	Exelon Business Services Company, LLC	Transmission Owner
Janicki	Diane	Boston Energy Trading and Marketing LLC	Other Supplier
Jardot	Gina	Direct Energy Business, LLC	Other Supplier
Jardot	Gina	Direct Energy Services, LLC	Other Supplier
Jardot	Gina	Energy Plus Holdings LLC	Other Supplier
Jardot	Gina	Green Mountain Energy Company	Other Supplier
Jardot	Gina	Independence Energy Group, LLC	Other Supplier
Jardot	Gina	Midwest Generation, LLC	Generation Owner
Jardot	Gina	NRG Business Marketing LLC	Generation Owner
Jardot	Gina	NRG Curtailment Solutions, Inc.	Other Supplier
Jardot	Gina	NRG Power Marketing LLC	Generation Owner
Jardot	Gina	Reliant Energy Northeast LLC	Other Supplier
Jardot	Gina	Stream Energy Columbia, LLC	Other Supplier
Jardot	Gina	Stream Energy Delaware, LLC	Other Supplier
Jardot	Gina	Stream Energy Illinois, LLC	Other Supplier
Jardot	Gina	Stream Energy Maryland, LLC	Other Supplier
Jardot	Gina	Stream Energy New Jersey, LLC	Other Supplier
Jardot	Gina	Stream Energy Pennsylvania, LLC	Other Supplier
Jardot	Gina	Stream Ohio Gas & Electric, LLC	Other Supplier
Jardot	Gina	Xoom Energy Maryland, LLC	Other Supplier
Jardot	Gina	Xoom Energy New Jersey, LLC	Other Supplier
Jardot	Gina	XOOM Energy Ohio, LLC	Other Supplier
Jardot	Gina	XOOM Energy Washington D.C., LLC	Other Supplier
Jardot	Gina	Xoom Energy, LLC	Other Supplier

Jarugula	Deepthi	PJM Interconnection	None
Johnson	Amanda	Duquesne Light Company	Transmission Owner
Johnson	Carl	Allegheny Electric Cooperative, Inc.	Electric Distributor
Johnson	Carl	American Municipal Power, Inc.	Electric Distributor
Johnson	Carl	AMP Transmission, LLC	Transmission Owner
Johnson	Carl	Blue Ridge Power Agency, Inc.	Electric Distributor
Johnson	Carl	Borough of Mont Alto, Pennsylvania	Electric Distributor
Johnson	Carl	Buckeye Power, Inc.	Electric Distributor
Johnson	Carl	Central Virginia Electric Cooperative	Electric Distributor
Johnson	Carl	City of Dover, Delaware	Electric Distributor
Johnson	Carl	Delaware Municipal Electric Corporation, Inc.	Electric Distributor
Johnson	Carl	Easton Utilities Commission	Electric Distributor
Johnson	Carl	Energy Cooperative Association of Pennsylvania (The)	Other Supplier
Johnson	Carl	Hagerstown Light Department	Electric Distributor
Johnson	Carl	Illinois Municipal Electric Agency	Electric Distributor
Johnson	Carl	Indiana Municipal Power Agency	Electric Distributor
Johnson	Carl	Michigan Public Power Agency	Electric Distributor
Johnson	Carl	North Carolina Electric Membership Corporation	Electric Distributor
Johnson	Carl	Northeastern REMC	Electric Distributor
Johnson	Carl	Northern Illinois Municipal Power Agency	Electric Distributor
Johnson	Carl	Northern Virginia Electric Cooperative (NOVEC)	Electric Distributor
Johnson	Carl	Old Dominion Electric Cooperative	Electric Distributor
Johnson	Carl	TEC Trading, Inc.	Other Supplier
Johnson	Carl	Town of Thurmont	Electric Distributor
Johnson	Carl	Town of Williamsport (The)	Electric Distributor
Johnson	Carl	WPPI Energy	Other Supplier
Jones	Jason	PJM Interconnection	None
Kelly	Michael	PJM Interconnection	None
Kelly	Stephen	BIF II Safe Harbor Holdings, LLC	Generation Owner
Kelly	Stephen	BIF III Holtwood LLC	Generation Owner
Kelly	Stephen	Bishop Hill Energy LLC	Generation Owner
Kelly	Stephen	Bitter Ridge Wind Farm, LLC	Generation Owner
Kelly	Stephen	BREG Aggregator LLC	Generation Owner
Kelly	Stephen	Brookfield Power Piney & Deep Creek LLC	Generation Owner
Kelly	Stephen	Brookfield Renewable Energy Marketing US LLC	Other Supplier
Kelly	Stephen	Brookfield Renewable Trading and Marketing LP	Other Supplier

Kelly	Stephen	Hawks Nest Hydro LLC	Generation Owner
Kelly	Stephen	Safe Harbor Water Power Corporation	Generation Owner
Kelly	Stephen	TerraForm IWG Acquisition Holdings II, LLC	Other Supplier
Kelly	Stephen	Urban Grid Solar Projects, LLC	Generation Owner
Kelly	Ross	PJM Interconnection	None
Kenney	Susan	PJM Interconnection	None
Keyser	Thomas	PJM Interconnection	None
Khan	Aftab	PJM Interconnection	None
Kilgallen	Kevin	Avangrid Power, LLC	Generation Owner
Kilgallen	Kevin	Providence Heights Wind, LLC	Generation Owner
Kimmel	David	PJM Interconnection	None
Klingensmith	Laurel	Allegheny Energy Supply Company, L.L.C.	Generation Owner
Klingensmith	Laurel	American Transmission Systems, Inc.	Transmission Owner
Klingensmith	Laurel	Cleveland Electric Illuminating Company	Electric Distributor
Klingensmith	Laurel	FirstEnergy Pennsylvania Electric Company	Electric Distributor
Klingensmith	Laurel	Jersey Central Power & Light Company	Transmission Owner
Klingensmith	Laurel	Keystone Appalachian Transmission Company	Transmission Owner
Klingensmith	Laurel	Mid-Atlantic Interstate Transmission, LLC	Transmission Owner
Klingensmith	Laurel	Monongahela Power Company	Transmission Owner
Klingensmith	Laurel	Ohio Edison Company	Electric Distributor
Klingensmith	Laurel	The Potomac Edison Company	Transmission Owner
Klingensmith	Laurel	Toledo Edison Company	Electric Distributor
Klingensmith	Laurel	Trans-Allegheny Interstate Line Company	Transmission Owner
Lafayette	Robin	Louisville Gas and Electric Company/Kentucky Utilities Company	Transmission Owner
Lafayette	Robin	PPL Electric Utilities Corporation d/b/a PPL Utilities	Transmission Owner
Laios	Takis	AEP Appalachian Transmission Company, Inc.	Transmission Owner
Laios	Takis	AEP Energy Partners, Inc.	Transmission Owner
Laios	Takis	AEP Energy, Inc.	Transmission Owner
Laios	Takis	AEP Indiana Michigan Transmission Company, Inc.	Transmission Owner
Laios	Takis	AEP Kentucky Transmission Company, Inc.	Transmission Owner
Laios	Takis	AEP Ohio Transmission Company, Inc.	Transmission Owner
Laios	Takis	AEP Retail Energy Partners, LLC	Transmission Owner
Laios	Takis	AEP West Virginia Transmission Company, Inc.	Transmission Owner
Laios	Takis	Appalachian Power Company	Transmission Owner
Laios	Takis	Indiana Michigan Power Company	Transmission Owner
Laios	Takis	Kentucky Power Company	Transmission Owner

Laios	Takis	Kingsport Power Company	Transmission Owner
Laios	Takis	Ohio Power Company	Transmission Owner
Laios	Takis	Ohio Valley Electric Corporation	Transmission Owner
Laios	Takis	Transource Energy, LLC	Transmission Owner
Laios	Takis	Transource Maryland, LLC	Transmission Owner
Laios	Takis	Transource Pennsylvania, LLC	Transmission Owner
Laios	Takis	Transource West Virginia, LLC	Transmission Owner
Laios	Takis	Wheeling Power Company	Transmission Owner
Lake	David	American Transmission Systems, Inc.	Transmission Owner
Lauer	Christopher	UGI Utilities, Inc.	Transmission Owner
Lee	Ray	PJM Interconnection	None
Lee	Suin	PJM Interconnection	None
Leigh	PJM-Bobby	PJM Interconnection	None
Leith-Yessian	Devin	RTO Insider	None
Mabry	David	McNees Wallace & Nurick LLC	None
Martin	Kyle	PJM Interconnection	None
Massarelli	Eva	Dominion Energy Generation Marketing, Inc.	Generation Owner
Massarelli	Eva	Dominion Energy South Carolina, Inc.	Other Supplier
Massarelli	Eva	Eastern Shore Solar LLC	Generation Owner
Massarelli	Eva	Greenville County Solar Project, LLC	Generation Owner
Massarelli	Eva	Hardin Solar Energy LLC	Generation Owner
Massarelli	Eva	Southampton Solar LLC	Generation Owner
Massarelli	Eva	Summit Farms Solar, LLC	Generation Owner
Massarelli	Eva	TWE Myrtle Solar Project, LLC	Generation Owner
Massarelli	Eva	Virginia Electric & Power Company	Transmission Owner
Massarelli	Eva	Virginia Solar 2017 Projects LLC	Generation Owner
Massarelli	Eva	Wilkinson Solar LLC	Generation Owner
Mathew	Lagy	PJM Interconnection	None
McDewell	Christian	American Municipal Power, Inc.	Electric Distributor
McDewell	Christian	None	None
McElwee	Steve	PJM Interconnection	None
McNicholas	Daniel	Cogentrix Energy Power Management, LLC	None
McNicholas	Daniel	Essential Power OPP, LLC	Generation Owner
McNicholas	Daniel	Essential Power Rock Springs, LLC	Generation Owner
McNicholas	Daniel	Hamilton Liberty LLC	Generation Owner
McNicholas	Daniel	Hamilton Patriot LLC	Generation Owner
McNicholas	Daniel	Nautilus Power, LLC	Generation Owner
Mickel	Ann Gordon	Virginia Electric & Power Company	Transmission Owner
Mihaly	Imola	Cogentrix Energy Power Management, LLC	None
Mihaly	Imola	Essential Power OPP, LLC	Generation Owner

Mihaly	Imola	Essential Power Rock Springs, LLC	Generation Owner
Mihaly	Imola	Hamilton Liberty LLC	Generation Owner
Mihaly	Imola	Hamilton Patriot LLC	Generation Owner
Mihaly	Imola	Nautilus Power, LLC	Generation Owner
Morris	Robert	NRG Business Marketing LLC	Generation Owner
Mroz	David	PJM Interconnection	None
Nice	Ryan	PJM Interconnection	None
Norton	Chris	American Municipal Power, Inc.	Electric Distributor
Oakes	Brian	PJM Interconnection	None
Ochsenhirt	Frederick	Virginia State Corporation Commission	None
Olaleye	Michael	PJM Interconnection	None
Ondayko	Brock	AEP Energy Partners, Inc.	Transmission Owner
Ondayko	Brock	AEP Energy, Inc.	Transmission Owner
Ondayko	Brock	AEP Retail Energy Partners, LLC	Transmission Owner
Pakela	Greg	DTE Atlantic, LLC	Other Supplier
Pakela	Greg	DTE Energy Trading, Inc.	Other Supplier
Panchal	Hitesh	PJM Interconnection	None
Patel	Anita	PJM Interconnection	None
Patel	Keyurbhai	PJM Interconnection	None
Peebles	Andy	Saracen Energy East LP	Other Supplier
Phenix	Michael	Red Oak Power, LLC	Generation Owner
Phillips	Darlene	PJM Interconnection	None
Pietrucha	Doug	Advanced Energy United	None
Pilong	Christopher	PJM Interconnection	None
Poling	Luke	Dominion Energy Generation Marketing, Inc.	Generation Owner
Poling	Luke	Dominion Energy South Carolina, Inc.	Other Supplier
Poling	Luke	Eastern Shore Solar LLC	Generation Owner
Poling	Luke	Greenville County Solar Project, LLC	Generation Owner
Poling	Luke	Hardin Solar Energy LLC	Generation Owner
Poling	Luke	Southampton Solar LLC	Generation Owner
Poling	Luke	Summit Farms Solar, LLC	Generation Owner
Poling	Luke	TWE Myrtle Solar Project, LLC	Generation Owner
Poling	Luke	Virginia Electric & Power Company	Transmission Owner
Poling	Luke	Virginia Solar 2017 Projects LLC	Generation Owner
Poling	Luke	Wilkinson Solar LLC	Generation Owner
Price	Mark	DC Energy Mid-Atlantic, LLC	Other Supplier
Price	Mark	DC Energy, LLC	Other Supplier
Price	Mark	DCET CENTRAL, LLC	Other Supplier
Ramsay	Eli	PJM Interconnection	None
Rasmussen	Jay	Duke Energy Business Services LLC	Transmission Owner

Rasmussen	Jay	Duke Energy Carolinas, LLC	Other Supplier
Rasmussen	Jay	Duke Energy Florida, LLC	Other Supplier
Rasmussen	Jay	Duke Energy Kentucky, Inc.	Transmission Owner
Rasmussen	Jay	Duke Energy Ohio, Inc.	Transmission Owner
Rasmussen	Jay	Duke Energy Progress, LLC	Other Supplier
Ritch	John	Nebius Group N.V.	None
Rogers	Aaron	East Kentucky Power Cooperative, Inc.	Transmission Owner
Rohrbach	John	Kentucky Municipal Energy Agency	Electric Distributor
Rohrbach	John	Southern Maryland Electric Cooperative, Inc.	Electric Distributor
Rohrbach	John	Wabash Valley Power Association, Inc.	Electric Distributor
Salwocki	Laura	PJM Interconnection	None
Sasser	Jonathan	Customized Energy Solutions, Ltd.	None
Savage	David	Indiana Utility Regulatory Commission	None
Savage	Elizabeth	AES Energy Storage, LLC	Generation Owner
Savage	Elizabeth	AES ES Holdings, LLC	Generation Owner
Savage	Elizabeth	AES Integrated Energy, LLC	Other Supplier
Savage	Elizabeth	AES Laurel Mountain, LLC	Generation Owner
Savage	Elizabeth	AES Ohio Generation, LLC	Generation Owner
Savage	Elizabeth	AES Solutions Management, LLC	Other Supplier
Savage	Elizabeth	Dayton Power & Light Company (The)	Transmission Owner
Savage	Elizabeth	Great Cove Solar II LLC	Generation Owner
Savage	Elizabeth	Great Cove Solar LLC	Generation Owner
Savage	Elizabeth	Miami Valley Lighting, LLC	End-Use Customer
Savage	Elizabeth	sPower Energy Marketing, LLC	Generation Owner
Scheirer	Alexandra	Gabel Associates, Inc.	None
Scheirer	Alexandra	Jersey Green Energy, LLC	Other Supplier
Schlicht	Andrew	Maryland Public Service Commission	None
Schwager	George	Atlantica Sustainable Infrastructure Ltd.	None
Schwarz	Stephanie	PJM Interconnection	None
Schwarz	Tristan	PJM Interconnection	None
Searfoorce	Daniel	Pa PUC	None
Selick	Sam	Customized Energy Solutions, Ltd.	None
Sem	Nitin	PJM Interconnection	None
Shaffer	Chris	AEP Appalachian Transmission Company, Inc.	Transmission Owner
Shaffer	Chris	AEP Energy Partners, Inc.	Transmission Owner
Shaffer	Chris	AEP Energy, Inc.	Transmission Owner
Shaffer	Chris	AEP Indiana Michigan Transmission Company, Inc.	Transmission Owner
Shaffer	Chris	AEP Kentucky Transmission Company, Inc.	Transmission Owner

Shaffer	Chris	AEP Ohio Transmission Company, Inc.	Transmission Owner
Shaffer	Chris	AEP Retail Energy Partners, LLC	Transmission Owner
Shaffer	Chris	AEP West Virginia Transmission Company, Inc.	Transmission Owner
Shaffer	Chris	Appalachian Power Company	Transmission Owner
Shaffer	Chris	Indiana Michigan Power Company	Transmission Owner
Shaffer	Chris	Kentucky Power Company	Transmission Owner
Shaffer	Chris	Kingsport Power Company	Transmission Owner
Shaffer	Chris	Ohio Power Company	Transmission Owner
Shaffer	Chris	Ohio Valley Electric Corporation	Transmission Owner
Shaffer	Chris	Transource Energy, LLC	Transmission Owner
Shaffer	Chris	Transource Maryland, LLC	Transmission Owner
Shaffer	Chris	Transource Pennsylvania, LLC	Transmission Owner
Shaffer	Chris	Transource West Virginia, LLC	Transmission Owner
Shaffer	Chris	Wheeling Power Company	Transmission Owner
Shaikh	Walid	New Project Media	None
Shaughnessy	Patrick	Pennsylvania Public Utility Commission	None
Shotton	Annabelle	Virginia State Corporation Commission	None
Sloan	Benjamin	OPSI	None
Smater	Sebastian	Strom Power, LLC	Other Supplier
Sotkiewicz	Paul	E-Cubed Policy Associates, LLC	None
Sotkiewicz	Paul	Jackson Generation, LLC	Generation Owner
Stadlmeyer	Rebecca	Jersey Green Energy, LLC	Other Supplier
Stern	Alexander	Atlantic City Electric Company	Electric Distributor
Stern	Alexander	Baltimore Gas and Electric Company	Transmission Owner
Stern	Alexander	Commonwealth Edison Company	Transmission Owner
Stern	Alexander	Delmarva Power & Light Company	Electric Distributor
Stern	Alexander	Exelon Business Services Company, LLC	Transmission Owner
Stern	Alexander	PECO Energy Company	Transmission Owner
Stern	Alexander	Potomac Electric Power Company	Electric Distributor
Stone	Andy	Andy Stone	None
Stone	Andy	Gabel Associates	None
Strati	Emi	PJM Interconnection	None
Sturgeon	John	Duke Energy Business Services LLC	Transmission Owner
Sturgeon	John	Duke Energy Carolinas, LLC	Other Supplier
Sturgeon	John	Duke Energy Florida, LLC	Other Supplier
Sturgeon	John	Duke Energy Kentucky, Inc.	Transmission Owner
Sturgeon	John	Duke Energy Ohio, Inc.	Transmission Owner
Sturgeon	John	Duke Energy Progress, LLC	Other Supplier
Sussler	Philip	Maryland Office of People's Counsel	End-Use Customer

Svenson	Heather	Public Service Electric & Gas Company	Transmission Owner
Sweeney	Rory	Northern Virginia Electric Cooperative (NOVEC)	Electric Distributor
Szwaczkowski	Troy	CP Energy Marketing (US) Inc.	Other Supplier
Trease	Rhett	Duke Energy Kentucky, Inc.	Transmission Owner
Tse	Felix	TarHawk Energy, LP	Other Supplier
Tubridy	Meg	Cornerstone Gas, L.L.C.	Generation Owner
Waters	Taylor	Virginia Electric & Power Company	Transmission Owner
Waweru	James	PJM Interconnection	None
Whitehead	Jeffrey	Alpha Generation, LLC	Other Supplier
Whitehead	Jeffrey	Chief Conemaugh Power II, LLC	Generation Owner
Whitehead	Jeffrey	Chief Keystone Power II, LLC	Generation Owner
Whitehead	Jeffrey	Clean Energy Future - Lordstown, LLC	Generation Owner
Whitehead	Jeffrey	Cornerstone Generation Marketing, LLC	Other Supplier
Whitehead	Jeffrey	Darby Power, LLC	Generation Owner
Whitehead	Jeffrey	Essential Power OPP, LLC	Generation Owner
Whitehead	Jeffrey	Essential Power Rock Springs, LLC	Generation Owner
Whitehead	Jeffrey	Gavin Power, LLC	Generation Owner
Whitehead	Jeffrey	GT Power Group	None
Whitehead	Jeffrey	Hamilton Liberty LLC	Generation Owner
Whitehead	Jeffrey	Hamilton Patriot LLC	Generation Owner
Whitehead	Jeffrey	Lawrenceburg Power, LLC	Generation Owner
Whitehead	Jeffrey	Nautilus Power, LLC	Generation Owner
Whitehead	Jeffrey	Parkway Generation Operating LLC	Generation Owner
Whitehead	Jeffrey	Walleye Power, LLC	Generation Owner
Whitehead	Jeffrey	Wheelabrator Baltimore, L.P.	Generation Owner
Whitehead	Jeffrey	Wheelabrator Falls Inc.	Generation Owner
Whitehead	Jeffrey	Wheelabrator Gloucester Company, L.P.	Generation Owner
Whitehead	Jeffrey	Wheelabrator Portsmouth, Inc.	Generation Owner
Widom	Stuart	PJM Interconnection	None
Winsky	Timothy	Virginia Electric & Power Company	Transmission Owner
Wolff	John	PJM Interconnection	None
Wong	Kim	KFW Energy, LLC	None
Yovanovich	Laura	Louisville Gas and Electric Company/Kentucky Utilities Company	Transmission Owner
Yovanovich	Laura	PPL Electric Utilities Corporation d/b/a PPL Utilities	Transmission Owner
Zhang	Mike	PJM Interconnection	None
Zhou	Ming	Bazinga, LLC	Other Supplier