

**Markets & Reliability Committee**  
**PJM Conference and Training Center, Audubon, PA / WebEx**  
**August 21, 2024**  
**9:00 a.m. – 4:00 p.m. EPT**

## Administration

Lisa Drauschak and David Anders welcomed stakeholders and provided the Anti-trust, Code of Conduct, and Meeting Participation announcements.

## Consent Agenda

Item A was **approved** by acclamation with no objections or abstentions:

A. Minutes of the July 24, 2024 meeting of the Markets and Reliability Committee (MRC).

## Endorsements

### 1. Enhanced Know Your Customer (KYC)

Anita Patel and Eric Scherling reviewed a proposed solution and corresponding Tariff revisions addressing KYC enhancements as endorsed by the Risk Management Committee (RMC). Following discussion, the proposed solution and associated Tariff revisions were **endorsed** by acclamation with no objections and seven abstentions. Lisa Drauschak noted that same day endorsement would be sought at the Members Committee (MC); there were no objections to placing this item on the Consent Agenda for that meeting.

[Issue Tracking: Enhanced Know Your Customer \(KYC\)](#)

### 2. Re-evaluation of Financial Parameters Used in CONE for 2027/28 BRA

Skyler Marzewski presented a proposed solution associated with re-evaluation of financial parameters used in the Cost of New Entry for the 2027/28 Base Residual Auction. Following discussion, proposed Tariff and Manual 18 revisions **failed** in a sector-weighted vote with 2.873 in favor. Lisa Drauschak noted that same day endorsement had been expected to be sought at the MC. She noted that since the proposed revisions failed, the item will be stricken from that agenda.

[Issue Tracking: Financial Assumptions Used to Calculate Gross CONE](#)

### 3. Automating Bid Duration for Economic DR Participating in Energy Markets

Pete Langbein presented a proposed solution addressing automating bid duration for Economic DR participating in energy markets. Following discussion, the committee **endorsed** the proposed solution and corresponding Manual 11 revisions by acclamation with no objections and one abstention.

[Issue Tracking: Automating Bid Duration for Economic DR Participating in Energy Markets](#)

#### 4. Evaluation of Energy Efficiency Resources

Pete Langbein reviewed a proposed solution and corresponding Tariff and Reliability Assurance Agreement (RAA) revisions addressing the evaluation of energy efficiency resources.

Alex Stern, Exelon, proposed an amendment to reflect that state Energy Efficiency Programs authorized, directed and supervised by a Relevant Electric Retail Regulatory Authority produce types of Energy Efficiency Resources that are distinct from Energy Efficiency Resources offered by other Capacity Market Sellers. Luke Fishback, Affirmed Energy objected to the proposed amendment, and therefore it was not incorporated into the main motion.

Following discussion, the proposed Tariff and Manual 18 revisions **failed** In a sector-weighted vote with 3.003 in favor.

Alex Stern moved and John Rohrbach, SMECO, seconded an alternate proposal consisting of the main motion including the proposed Exelon amendment previously considered. Following discussion, the proposed Tariff and Manual 18 revisions **failed** In a sector-weighted vote with 2.179 in favor.

Greg Poulos, Consumer Advocates of the PJM States, Inc, moved on behalf of NJ Division of Rate Counsel, and seconded on behalf of the IL Citizens Utility Board, the CPower proposal considered at the Markets Implementation Committee (MIC), with the following alterations:

- Matrix row 6A – replace the CPower option with removal of the energy efficiency add-back to the load forecast.
- Matrix rows 20 and 21 – replace the CPower options with the PJM options for these rows (energy efficiency resources would not be eligible for PAI bonus payments or penalties).
- Include the proposed Exelon amendment.

Following discussion, the proposal **failed** In a sector-weighted vote with 1.605 in favor.

Paul Sotkiewicz, Elwood Energy, moved and Kevin Kilgallen, Avangrid Renewables, seconded the IMM proposal considered at the MIC. Alex Stern proposed an amendment to Elwood's motion that would include the proposed Exelon amendment. Paul Sotkiewicz did not accept the proposed amendment, and therefore it was not included in the alternate motion. Following discussion, the proposal was **endorsed** In a sector-weighted vote with 3.545 in favor.

Lisa Drauschak noted that same day endorsement would be sought at the MC.

[Issue Tracking: Evaluation of Energy Efficiency Resources](#)

#### First Readings

#### 5. Electric Gas Coordination Senior Task Force (EGCSTF) Sunset

Susan McGill reviewed the proposed sunset of the EGCSTF and a proposed draft charter for a new Electric Gas Coordination Subcommittee (EGCS). The committee will be asked to approve sunsetting the EGCSTF and establishing the EGCS at its next meeting.

[Issue Tracking: Natural Gas and Electric Market Coordination](#)

#### 6. Hourly Notification Times

Joe Ciabattoni provided an informational review of a proposed solution and corresponding Tariff, Operating Agreement (OA), and Manual 11: Energy & Ancillary Services Market Operations revisions to allow for hourly notification times to be considered when clearing the Day-Ahead Energy Market. The committee will be asked to endorse the proposed solution and corresponding Tariff, OA, and Manual 11 revisions at its next meeting. Same day endorsement may be sought at the Members Committee.  
[Issue Tracking: Reserve Certainty and Resource Flexibility Incentives](#)

## 7. Manuals

- A. Emmy Messina reviewed proposed revisions to Manual 06: Financial Transmission Rights resulting from its periodic review. The committee will be asked to endorse the proposed Manual 6 revisions at its next meeting.
- B. Stan Sliwa reviewed proposed revisions to Manual 14B: PJM Region Transmission Planning Process addressing various NERC Standards as well as Generator Deliverability analysis and Light Load base case assumptions. The committee will be asked to endorse the proposed Manual 14B revisions at its next meeting.
- C. Roger Cao reviewed proposed revisions to Manual 15: Cost Development Guidelines resulting from its periodic review. The committee will be asked to endorse the proposed Manual 15 revisions at its next meeting.

## Informational Reports

### 8. 2025/2026 Base Residual Auction

Adam Keech and Tim Horger provided an informational report regarding the 2025/2026 Base Residual Auction results.

## Future Agenda Items (4:00)

Jason Barker requested a report at a future meeting on status of new interconnection projects that have cleared the interconnection queue but are not yet in service.

Future Meeting Dates and Materials			Materials Due to Secretary	Materials Published
Date	Time	Location	5:00 p.m. EPT deadline*	
<b>September 25, 2024</b>	9:00 a.m.	PJM Conference & Training Center and WebEx	September 13, 2024	September 18, 2024
<b>October 30, 2024</b>	9:00 a.m.	PJM Conference & Training Center and WebEx	October 18, 2024	October 23, 2024
<b>November 21, 2024</b>	9:00 a.m.	PJM Conference & Training Center and WebEx	November 11, 2024	November 14, 2024
<b>December 18, 2024</b>	9:00 a.m.	PJM Conference & Training Center and WebEx	December 6, 2024	December 11, 2024

\*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. Anders

## Meeting Attendance

Chair/Secretary

Last Name	First Name	Company	Sector
Drauschak	Lisa	PJM Interconnection	None
Anders	Dave	PJM Interconnection	None

### Voting Attendees

Last Name	First Name	Company	Sector
Anderson	Juliet	Constellation Energy Generation, LLC	Generation Owner
Barker	Jason	Vitol Inc.	Generation Owner
Borgatti	Michael	Lincoln Generating Facility, LLC	Generation Owner
Borgatti	Michael	York County Solid Waste and Refuse Authority	Generation Owner
Borgatti	Michael	Hill Top Energy Center, LLC	Generation Owner
Borgatti	Michael	Moxie Freedom LLC	Generation Owner
Borgatti	Michael	Recurrent Energy, LLC	Other Supplier
Borgatti	Michael	Longview Power, LLC	Generation Owner
Borgatti	Michael	Hazleton Generation LLC	Generation Owner
Borgatti	Michael	NextEra Energy Marketing, LLC	Other Supplier
Borgatti	Michael	Jersey Green Energy, LLC	Other Supplier
Branch	John	Enel X North America, Inc.	Other Supplier
Brodbeck	John	EDP Renewables North America LLC	Generation Owner
Bruce	Susan	Wellsboro Electric Company	Electric Distributor
Bruce	Susan	Messer LLC	End-Use Customer
Bruce	Susan	Letterkenny Industrial Development Authority - PA	Electric Distributor
Bruce	Susan	Linde Inc.	End-Use Customer
Bruce	Susan	Lehigh Portland Cement Company	End-Use Customer
Bruce	Susan	Kimberly-Clark Corporation	Generation Owner
Bruce	Susan	Cleveland-Cliffs Steel LLC	End-Use Customer
Bruce	Susan	Air Products & Chemicals, Inc.	End-Use Customer
Bruce	Susan	Trustees of the University of Pennsylvania	End-Use Customer
Bruce	Susan	Procter & Gamble Paper Products Company (The)	End-Use Customer
Bruce	Susan	Gerdau Ameristeel Energy, Inc.	End-Use Customer
Campbell	Bruce	MidAtlantic Power Partners, LLC	Other Supplier
Chang	Sean	Shell Energy North America (US), L.P.	Other Supplier
Davis	James	Virginia Electric & Power Company	Transmission Owner
Domian	Christin	Duquesne Light Company	Transmission Owner
Dugan	Chuck	East Kentucky Power Cooperative, Inc.	Transmission Owner
Fishback	Luke	Affirmed Energy LLC	Other Supplier
Foladare	Kenneth	Geenex Solar LLC	Other Supplier
Fuess	Christian	Kuehne Chemical Company, Inc.	End-Use Customer
Fuess	Christian	Diamond State Generation Partners, LLC	Generation Owner
Fuess	Christian	PBF Power Marketing, LLC	End-Use Customer
Fuess	Christian	Icetek.com, Inc.	Other Supplier
Fuess	Christian	NextPower III US Holdco Inc.	Generation Owner
Greene	Benjamin	Appalachian Power Company	Transmission Owner
Heinle	Frederick	Dynegy Marketing and Trade, LLC	Generation Owner
Hepplewhite	Peter	Wrigley Capital LLC	Other Supplier
Hoatson	Tom	Rolling Hills Generating, LLC	Generation Owner
Hohenshilt	Jennifer	Talen Energy Marketing, LLC	Generation Owner
Horning	Lynn	American Municipal Power, Inc.	Electric Distributor
Horstmann	John	Dayton Power & Light Company (The)	Transmission Owner
Hurwich	Mark	Elliott Bay Energy Trading, LLC	Other Supplier
Hyzinski	Thomas	Carroll County Energy LLC	Generation Owner
Ingraham	Deborah	Acciona Energy North America Corporation	Generation Owner
Jardot	Gina	NRG Business Marketing LLC	Generation Owner
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	Northern Virginia Electric Cooperative (NOVEC)	Electric Distributor
Johnson	Carl	Old Dominion Electric Cooperative	Electric Distributor
Johnson	Carl	Thurmont Municipal Light Company	Electric Distributor
Johnson	Carl	Town of Williamsport (The)	Electric Distributor
Johnson	Carl	WPPI Energy	Other Supplier
Johnson	Carl	Blue Ridge Power Agency, Inc.	Electric Distributor
Johnson	Carl	Borough of Chambersburg	Electric Distributor
Jones	Alexandra	Northeastern REMC	Electric Distributor
Jones	Noah	Voltus, Inc.	Other Supplier
Kelly	Stephen	Brookfield Renewable Trading and Marketing LP	Other Supplier
Kilgallen	Kevin	Avangrid Renewables, LLC	Generation Owner
Long	Scott	Allegheny Electric Cooperative, Inc.	Electric Distributor
Mason	Gary	Monongahela Power Company	Transmission Owner
Matheson	Douglas	YSO Inc.	Other Supplier
Mohan	Chuck	Ebensburg Power Company	Generation Owner
Mohan	Chuck	Seward Generation, LLC	Generation Owner
Pakela	Greg	DTE Energy Trading, Inc.	Other Supplier
Poulos	Greg	Michigan Department of Attorney General, Environment, Natural Resources, & Agriculture Division	End-Use Customer
Poulos	Greg	Delaware Division of the Public Advocate	End-Use Customer
Poulos	Greg	Maryland Office of People's Counsel	End-Use Customer
Poulos	Greg	Office of the Attorney General, Kentucky	End-Use Customer
Poulos	Greg	New Jersey Division of Rate Counsel	End-Use Customer
Poulos	Greg	Illinois Citizens Utility Board	End-Use Customer
Poulos	Greg	Pennsylvania Office of Consumer Advocate	End-Use Customer
Poulos	Greg	Indiana Office of Utility Consumer Counselor (IN OUCC)	End-Use Customer
Rohrbach	John	Kentucky Municipal Energy Agency	Electric Distributor
Rohrbach	John	Wabash Valley Power Association, Inc.	Electric Distributor
Rohrbach	John	Southern Maryland Electric Cooperative, Inc.	Electric Distributor
Scarpignato	David	Calpine Energy Services, L.P.	Generation Owner
Skucas	Ruta	Big Bend Trading, LLC	Other Supplier
Skucas	Ruta	Velocity American Energy Master I, L.P.	Other Supplier
Skucas	Ruta	Hexis Energy Trading, LLC	Other Supplier
Skucas	Ruta	Red Wolf TX2, LLC	Other Supplier
Skucas	Ruta	Precept Power LLC	Other Supplier
Skucas	Ruta	Pure Energy, Inc.	Other Supplier
Skucas	Ruta	Greene Energy NE LLC	Other Supplier
Skucas	Ruta	Alphataraxia Palladium LLC	Other Supplier
Skucas	Ruta	BJ Energy, LLC	Other Supplier
Skucas	Ruta	Boston Energy Group, Inc.	Other Supplier
Skucas	Ruta	Monterey MA LLC	Other Supplier
Skucas	Ruta	MAG Energy Solutions, Inc.	Other Supplier
Skucas	Ruta	Ames Energy, LLC	Other Supplier
Skucas	Ruta	XO Energy MA, L.P.	Other Supplier
Stern	Alexander	Exelon Business Services Company, LLC	Transmission Owner
Sturgeon	John	Duke Energy Business Services LLC	Transmission Owner
Svenson	Heather	Public Service Electric and Gas Company	Transmission Owner

Swalwell	Bradley	Tangent Energy Solutions, Inc.	Other Supplier
Ushijima	Hiroaki	Elwood Energy, LLC	Generation Owner
Vayda	Brian	Borough of Seaside Heights, New Jersey	Electric Distributor
Vayda	Brian	Borough of Park Ridge, New Jersey	Electric Distributor
Vayda	Brian	Borough of Milltown, New Jersey	Electric Distributor
Vayda	Brian	Borough of South River, New Jersey	Electric Distributor
Vayda	Brian	Vineland Municipal Electric Utility	Electric Distributor
Vayda	Brian	Borough of Butler, Butler Electric Division	Electric Distributor
Vayda	Brian	Borough of Madison, New Jersey	Electric Distributor
Vayda	Brian	Borough of Pemberton, New Jersey	Electric Distributor
Vayda	Brian	Borough of Lavallette, New Jersey	Electric Distributor
Whitehead	Jeffrey	Essential Power Rock Springs, LLC	Generation Owner
Whitehead	Jeffrey	Parkway Generation Operating LLC	Generation Owner
Whitehead	Jeffrey	Wheelabrator Falls Inc.	Generation Owner
Yovanovich	Laura	PPL Electric Utilities Corporation d/b/a PPL Utilities	Transmission Owner

### Non-Voting Attendees

Last Name	First Name	Company	Sector
Abdur-Rahman	Muhsin	Dynegy Marketing and Trade, LLC	Generation Owner
Abramowitz	Jeremy	Monitoring Analytics	None
Ament	Todd	Cube Hydro Partners, LLC	Generation Owner
Anderson	Jared	S&P Global Inc.	None
Anderson	Bob	Tenaska Power Services Co.	Generation Owner
Armijo	Cyrus	EDF Trading North America, LLC	Other Supplier
Arora	Sandeep	REV Renewables	None
Bagot	Nancy	Electric Power Supply Association	None
Bainbridge	Thomas	American Transmission Systems, Inc.	Transmission Owner
Baracat	Nada	Forked River Power LLC	Generation Owner
Barmack	Matt	Calpine Energy Services, L.P.	Generation Owner
Bartee	Aaron	PowerTransitions	None
Bernson	Nina	Enel Trading North America, LLC	Other Supplier
Bickerstaff	Dean	Talen Energy Marketing, LLC	Generation Owner
Bleiweis	Bruce	DC Energy, LLC	Other Supplier
Bloczynski	Nigeria	Big Bend Trading, LLC	Other Supplier
Bloom	David	Baltimore Gas and Electric Company	Transmission Owner
Boehnlein	Andrew	Virginia State Corporation Commission	None
Breidenbaugh	Aaron	Enerwise Global Technologies, LLC	Other Supplier
Callen	Zachary	Illinois Commerce Commission	None
Canchi	Devendra	Monitoring Analytics	None
Carmean	Gregory	Organization of PJM States, Inc.	None
Carrier	Ronald	Big Lake Consulting Group, LLC	None
Carson	Donna	East Kentucky Power Cooperative, Inc.	Transmission Owner
Chen	Michael	Duke Energy Kentucky, Inc.	Transmission Owner
Chintapalli	Raj	BP Energy Company	Other Supplier
Christopher	Mahila	Public Utilities Commission of Ohio	None
Clingan	Kristin	Public Utilities Commission of Ohio	None
Cocco	Michael	Old Dominion Electric Cooperative	Electric Distributor
Cohen	Jon	Zimmer Partners	None
Concina	Wendell	Commonwealth Edison Company	Transmission Owner
Corash	Richard	PSEG Energy Resources and Trade LLC	Other Supplier
Coyle	Billy	Virginia Electric & Power Company	Transmission Owner
Curtis	Kenneth	Enverus, Inc.	None
Dalton	David	Virginia State Corporation Commission	None
DiNicola	Laura	American Transmission Systems, Inc.	Transmission Owner
Diulus	Kenzie	Seward Generation, LLC	Generation Owner
Dixon	Nathan	Helix Ironwood, LLC	Generation Owner

Dossin	Sophia	Big Sandy Peaker Plant, LLC	Generation Owner
Drom	Rick	Non-Member	None
Dzienkowski	Kathy	Crowell & Moring	None
Ericson	Christine	Illinois Commerce Commission	None
Everngam	Scott	Blue Horseshoe Energy LLC	None
Evrard	David	Pennsylvania Office of Consumer Advocate	End-Use Customer
Fabiano	Janell	PPL Electric Utilities Corp. dba PPL Utilities (LSE)	Transmission Owner
Filomena	Guy	Customized Energy Solutions, Ltd.	None
Fink	Sari	MAREC Action	None
Fink	Regan	Pine Gate Mid-Atlantic, LLC	Generation Owner
Fitch	Neal	NRG Business Marketing LLC	Generation Owner
Ford	Adrien	Constellation Energy Generation, LLC	Generation Owner
Foster Cronin	Denise	East Kentucky Power Cooperative, Inc.	Transmission Owner
Fox	Angela	Affirmed Energy LLC	Other Supplier
Frede	Shannon	Maryland Energy Administration	None
Fuller	Pete	Autumn Lane Energy Consulting LLC	None
Gaddes	Caleb	Lightsource Renewable Energy Development, LLC	Other Supplier
Gates	Terry	Appalachian Power Company (AEP Generation)	Transmission Owner
Gelbaugh	Andrew	Talen Energy Marketing, LLC	Generation Owner
Gilani	Rehan	RWE CLEAN ENERGY WHOLESALE SERVICES, INC.	Other Supplier
Glazer	Grant	MN8 Energy Operating Company LLC	None
Gordon	Jonathan	Advanced Energy Economy	None
Gorman	Kevin	Enerwise Global Technologies, LLC	Other Supplier
Granstrand	Luke	Virginia Electric & Power Company	Transmission Owner
Grimes	Jordan	Morgan Stanley Capital Group Inc.	Other Supplier
Guntle	Vince	American PowerNet Management, L.P.	End-Use Customer
Hastings	David	Long Island Lighting Company dba LIPA	Other Supplier
Hatfield	Jeremy	Old Dominion Electric Cooperative	Electric Distributor
Heisey	Bradley	Tenaska Pennsylvania Partners, LLC	Generation Owner
Himmelspach	Treasa	Appalachian Power Company (AEP Generation)	Transmission Owner
Holdbrook	Ruth	Northern Virginia Electric Cooperative (NOVEC)	Electric Distributor
Hooker	Marquette	Virginia Electric & Power Company	Transmission Owner
Horning	Lynn Marie	American Municipal Power, Inc.	Electric Distributor
Hough	James	PSEG Energy Resources and Trade LLC	Other Supplier
Hudis	Gabriella	Jersey Green Energy LLC	Other Supplier
Hugee	Jacqui	Virginia Electric & Power Company	Transmission Owner
Hurd	Shawn	Monongahela Power Company	Transmission Owner
Hyatt	Earl	Monitoring Analytics	None
Hyatt	John	Monitoring Analytics	None
Hyzinski	Tom	GT Power Group, LLC	None
Isaac	Carlos	Exelon Business Services Company, LLC	Transmission Owner
Janicki	Diane	Boston Energy Trading and Marketing LLC	Other Supplier
Jaramillo	Gilbert	Northern Virginia Electric Cooperative (NOVEC)	Electric Distributor
Jerke	Dan	CPV Power Holdings, LP	Generation Owner
Johnson	Amanda	Duquesne Light Company	Transmission Owner
Johnston	David	Indiana Utility Regulatory Commission	None
Jones	Scott	Indiana Office of Utility Consumer Counselor (IN OUCC)	End-Use Customer
Kalaskar	Rahul	AES Laurel Mountain, LLC	Generation Owner
Kent	Janessa	Duquesne Light Company	Transmission Owner
Kerecman	Joe	Calpine Energy Services, L.P.	Generation Owner
Kiecko	Mike	American PowerNet Management, L.P.	End-Use Customer
Kimball	Marian	Old Dominion Electric Cooperative	Electric Distributor
Kirk	Steven	NextEra Energy Marketing, LLC	Other Supplier
Klingensmith	Laurel	American Transmission Systems, Inc.	Transmission Owner
Kogut	George	New York Power Authority	Other Supplier
Kozlowski	Brian	Alphataraxia Palladium LLC	Other Supplier

Kwok	Jordan	Exelon Business Services Company, LLC	Transmission Owner
Lafayette	Robin	PPL Electric Utilities Corp. dba PPL Utilities (LSE)	Transmission Owner
Laios	Takis	Appalachian Power Company (AEP Transmission)	Transmission Owner
Lawton	Nick	Earthjustice	None
Lee	Brian	Aces Power Marketing	None
Lee	Aristotle	Grays Ferry Cogeneration Partnership	Generation Owner
Leith-Yessian	Devin	RTO Insider	None
Livingston	Matthew	The Energy Authority, Inc.	Other Supplier
Lyons	Corey	Rolling Hills Generating, LLC	Generation Owner
Mabry	David	McNees Wallace & Nurick LLC	None
Matheson	Eric	Pennsylvania Public Utility Commission	None
Matheson	Doug	SYSO Inc	Other Supplier
Matuszak	Alex	UGI Energy Services, LLC	Other Supplier
McClay	Jim	Duke Energy Business Services LLC	Transmission Owner
McCorry	Hannah	Illinois Commerce Commission	None
McDaniel	John	Baltimore Gas and Electric Company	Transmission Owner
McDewell	Christian	Pennsylvania Public Utility Commission	None
McNeil	Justin	Kentucky Public Service Commission	None
Metzger	Scott	Office of the Illinois Attorney General	None
Midgley	Sharon	Exelon Business Services Company, LLC	Transmission Owner
Miles	Morenike	Virginia Electric & Power Company	None
Miller	John	Calico Energy	None
Minderman	Tom	CPV Power Holdings, LP	Generation Owner
Mitchell	Miles	Maryland Public Service Commission	None
Mok	Alan	Duke Energy Kentucky, Inc.	Transmission Owner
Nesa	Amanatun	Monitoring Analytics	None
Newbill	Brandon	Old Dominion Electric Cooperative	Electric Distributor
Nix Simon	Emma	EDF Renewable Development, Inc.	None
O'Brien	Nicholas	Monitoring Analytics	None
Ochsenhirt	Fred	Virginia State Corporation Commission	None
O'Leary	Christopher	PSEG Energy Resources and Trade LLC	Other Supplier
Ondayko	Brock	AEP Energy Partners, Inc. (AEP Gen Resources)	Transmission Owner
Osborn	Eric	EDF Trading North America, LLC	Other Supplier
Pakela	Gregory	DTE Energy Trading, Inc.	Other Supplier
Parikh	Lopa	Orsted Onshore North America, LLC	Generation Owner
Parrot	Sarah	Public Utilities Commission of Ohio	None
Peoples	John	Duquesne Light Company	Transmission Owner
Pfeifer	Melanie	Lyons Solar, LLC	Generation Owner
Philips	Marjorie	Riverside Generating Company, L.L.C.	Generation Owner
Phillips	Amanda	Aces Power Marketing	None
Pierpont	Dan	Riverside Generating Company, L.L.C.	Generation Owner
Place	Andrew	Maryland Department of the Environment	None
Ptak	Anton	EDF Renewable Development, Inc.	None
Rasmussen	Jay	Duke Energy Business Services LLC	Transmission Owner
Richards Jr	Cleveland	PPL Electric Utilities Corp. dba PPL Utilities (LSE)	Transmission Owner
Rinkoski	Marie	Constellation Energy Generation, LLC	Generation Owner
Roberts	Casey	Sierra Club	None
Rode	Advait	Michigan Public Service Commission	None
Roell	Tyler	CPV Fairview, LLC	Generation Owner
Rogers	Aaron	East Kentucky Power Cooperative, Inc.	Transmission Owner
Rosenthal	Peter	Castleton Commodities Merchant Trading L.P.	Other Supplier
Rutledge	Craig	Appalachian Power Company (AEP Generation)	Transmission Owner
Rymon	Kyle	Constellation Energy Generation, LLC	Generation Owner
Salanek	Alexandra	Monitoring Analytics	None
Sammartino	Michael	Maryland Office of People's Counsel	End-Use Customer
Samuel	Allison	Virginia State Corporation Commission	None



Sasser	Jonathan	Customized Energy Solutions, Ltd.	None
Schavrien	Nicholas	Silver Run Electric, LLC	Transmission Owner
Scheidecker	Paul	Monitoring Analytics	None
Schisler	Kenneth	Enerwise Global Technologies, LLC	Other Supplier
Schmidt	Thomas	Buckeye Power, Inc.	Electric Distributor
Schreim	Morris	Maryland Public Service Commission	None
Seelaus	Andy	Enerwise Global Technologies, LLC	Other Supplier
Selick	Sam	Customized Energy Solutions, Ltd.	None
Shah	Pulin	PECO Energy Company	Transmission Owner
Shelor	Jeremiah	Virginia Electric & Power Company	Transmission Owner
Sikora	Cliff	Lincoln Generating Facility, LLC	Generation Owner
Sillin	John	Federal Energy Regulatory Commission	None
Sloan	Ben	Organization of PJM States, Inc.	None
Smith	Kara	Buckeye Power, Inc.	Electric Distributor
Sorrels	Jim	AEP Appalachian Transmission Company, Inc.	Transmission Owner
Sotkiewicz	Paul	E-Cubed Policy Associates	None
Spear	Benjamin	Urban Grid Solar Projects, LLC	Generation Owner
Stadelmeyer	Rebecca	Jersey Green Energy LLC	Other Supplier
Steichen	Renae	Bath County Energy, LLC	Generation Owner
Storino	Laura	NJ Board of Public Utilities	None
Strange	Rob	Yes Energy LLC	None
Stuchell	Jeff	American Transmission Systems, Inc.	Transmission Owner
Stupar	Rob	Invenergy Energy Management LLC	Generation Owner
Suh	Jung	Calpine Energy Solutions, LLC	Other Supplier
Summers	Clara	Illinois Citizens Utility Board	End-Use Customer
Sussler	Philip	Maryland Office of People's Counsel	End-Use Customer
Swalwell	Brad	Tangent Energy Solutions, Inc.	Other Supplier
Swarts	Casey	Voltus, Inc.	Other Supplier
Sweeney	Rory	Northern Virginia Electric Cooperative (NOVEC)	Electric Distributor
Swigonski	Frank	Jupiter Power LLC	Other Supplier
Tell	Shawn	blackcoat capital	None
Theodore	Sharon	Electric Power Supply Association	None
Thomas	Amber	Exelon Business Services Company, LLC	Transmission Owner
Tierney-Lloyd	Mona	Enel X North America, Inc	Other Supplier
Tyler	Catherine	Monitoring Analytics	None
Unger	Matthew	Virginia State Corporation Commission	None
Urbanek	Charles	Enel Trading North America, LLC	Other Supplier
VanBlargan	Bryna	Sabinsville SunPower, LLC	None
Vargo	Daniel	Allegheny Electric Cooperative, Inc.	Electric Distributor
Vermeire	David	Exelon Business Services Company, LLC	Transmission Owner
Walcavich	Colin	Equinor Renewables	None
Walker	Jennifer	Exelon Business Services Company, LLC	Transmission Owner
Walker	Wesley	Virginia Electric & Power Company	Transmission Owner
Wallace	Nick	Environmental Law & Policy Center	None
Wand	David	New Jersey Division of Rate Counsel	End-Use Customer
Webb	Becky	Exelon Business Services Company, LLC	Transmission Owner
Wilson	James	Wilson Energy Economics	None
Winder	Matt	Constellation Energy Generation, LLC	Generation Owner
Wylie-Chambers	Ericka	Exelon Business Services Company, LLC	Transmission Owner
Yasutake	Sarah	Jersey Green Energy LLC	Other Supplier
Youth	Michael	North Carolina Electric Membership Corporation	Electric Distributor
Zaheen	Maisha	Enel Trading North America, LLC	Other Supplier
Zemanek	Kevin	Buckeye Power, Inc.	Electric Distributor
Zephyr	Frantz	Public Service Electric and Gas Company	Transmission Owner
Zhou	Ming	DXT Commodities North America Inc.	Other Supplier

## PJM Attendees

Last Name	First Name	Company	Sector
Abdulsalam	Sami	PJM Interconnection	None
Afelumo	Foluso	PJM Interconnection	None
Anders	David	PJM Interconnection	None
Asthana	Manu	PJM Interconnection	None
Bachus	Tim	PJM Interconnection	None
Baker	Scott	PJM Interconnection	None
Barrett	Emily	PJM Interconnection	None
Bautista	Alejandro	PJM Interconnection	None
Behta	Andrew	PJM Interconnection	None
Bernabeu	Emanuel	PJM Interconnection	None
Berner	Aaron	PJM Interconnection	None
Bernstein	Matthew	PJM Interconnection	None
Bhat	Ashwini	PJM Interconnection	None
Blackwell	Terry	PJM Board	None
Bowker	Shannon	PJM Interconnection	None
Boyle	Glen	PJM Interconnection	None
Bradley	Deonisia	PJM Interconnection	None
Bresler	Stu	PJM Interconnection	None
Bruno	Josh	PJM Interconnection	None
Bruno	Patrick	PJM Interconnection	None
Bryson	Michael	PJM Interconnection	None
Buehler	Susan	PJM Interconnection	None
Burdis	Tim	PJM Interconnection	None
Burkett	Monica	PJM Interconnection	None
Cabezas	Angela	PJM Interconnection	None
Cao	Roger	PJM Interconnection	None
Carroll	Becky	PJM Interconnection	None
Chen	Hong	PJM Interconnection	None
Chmielewski	Brian	PJM Interconnection	None
Ciabattoni	Joe	PJM Interconnection	None
Clarke	Linda	PJM Interconnection	None
Connell	Jason	PJM Interconnection	None
Connolly	Matthew	PJM Interconnection	None
Coscia	Carl	PJM Interconnection	None
Coyne	Suzanne	PJM Interconnection	None
Croop	Danielle	PJM Interconnection	None
Curtin	Haley	PJM Interconnection	None
D'Antonio	Philip	PJM Interconnection	None
Davis	Becky	PJM Interconnection	None
Dent	D'ondre	PJM Interconnection	None
DeVita	Thomas	PJM Interconnection	None
DiMartino	Denise	PJM Interconnection	None
Ding	Yi	PJM Interconnection	None
Ding	Congmei	PJM Interconnection	None
Downs	Jere	PJM Interconnection	None
Drauschak	Lisa	PJM Interconnection	None
Dumitriu	Nicolae	PJM Interconnection	None
Egan	Amanda	PJM Interconnection	None
Esterly	Theresa	PJM Interconnection	None
Fan	Zhenyu	PJM Interconnection	None
Fereshetian	Damon	PJM Interconnection	None
Fetterhoff	Logan	PJM Interconnection	None
Flamm	Sean	PJM Interconnection	None
Franks	Chris	PJM Interconnection	None

Franks	Edmund	PJM Interconnection	None
Frogg	Darrell	PJM Interconnection	None
Gates	Jill	PJM Interconnection	None
Glazer	Craig	PJM Interconnection	None
Gledhill	Andrew	PJM Interconnection	None
Guignet	Douglas	PJM Interconnection	None
Hall	Mary	PJM Interconnection	None
Haque	Asim	PJM Interconnection	None
Hartung	Shanna	PJM Interconnection	None
Hauske	David	PJM Interconnection	None
Hayden	Theresa	PJM Interconnection	None
Hayik	Seth	PJM Interconnection	None
Helm	Gary	PJM Interconnection	None
Herel	Suzanne	PJM Interconnection	None
Hicks	Colleen	PJM Interconnection	None
Hislop	David	PJM Interconnection	None
Holland	Risa	PJM Interconnection	None
Holter	Natasha	PJM Interconnection	None
Horger	Tim	PJM Interconnection	None
Hsia	Eric	PJM Interconnection	None
Keech	Adam	PJM Interconnection	None
Keshavamurthy	Bhavana	PJM Interconnection	None
Khan	Aftab	PJM Interconnection	None
Kim	Sung	PJM Interconnection	None
Kimmel	David	PJM Interconnection	None
Konowal	Richard	PJM Interconnection	None
Lacek	Mollie	PJM Interconnection	None
Langbein	Pete	PJM Interconnection	None
Li	Kanning	PJM Interconnection	None
Litzke	Jack	PJM Interconnection	None
Lu	Chen	PJM Interconnection	None
Lynch	Jessica	PJM Interconnection	None
Lynch	Earl	PJM Interconnection	None
Mali	Gizella	PJM Interconnection	None
Marcino	Angelo	PJM Interconnection	None
Martin	Amanda	PJM Interconnection	None
Marzewski	Skyler	PJM Interconnection	None
McAnany	James	PJM Interconnection	None
McElwaine	Kathy	PJM Interconnection	None
McElwee	Steve	PJM Interconnection	None
McGill	Susan	PJM Interconnection	None
McGlynn	Paul	PJM Interconnection	None
McGovern	Jason	PJM Interconnection	None
McLaughlin	Jeff	PJM Interconnection	None
Messina	Emmy	PJM Interconnection	None
Mooney	Molly	PJM Interconnection	None
Morelli	Lisa	PJM Interconnection	None
Moscovitz	Daniel	PJM Interconnection	None
Muhl	Nancy	PJM Interconnection	None
Noonan	Casey	PJM Interconnection	None
O'Brien	Tom	PJM Interconnection	None
O'Hara	Chris	PJM Interconnection	None
Olaleye	Michael	PJM Interconnection	None
Oskvig	Dean	PJM Board	None
Panchal	Hitesh	PJM Interconnection	None
Patel	Keyur	PJM Interconnection	None

Patel	Anita	PJM Interconnection	None
Petrov	Matthew	PJM Interconnection	None
Phillips	Darlene	PJM Interconnection	None
Pilong	Christopher	PJM Interconnection	None
Pilong	Melissa	PJM Interconnection	None
Pincus	Steve	PJM Interconnection	None
Rich	Edward	PJM Interconnection	None
Robinson	Evelyn	PJM Interconnection	None
Rocha-Garrido	Patricio	PJM Interconnection	None
Rodriguez	Ricardo	PJM Interconnection	None
Salmon	Lisa	PJM Interconnection	None
Scheirer	Alex	PJM Interconnection	None
Scherling	Eric	PJM Interconnection	None
Schwarz	Stephanie	PJM Interconnection	None
Shah	Vijay	PJM Interconnection	None
Shields	Jeff	PJM Interconnection	None
Sliwa	Stanley	PJM Interconnection	None
Snow	Jim	PJM Interconnection	None
Souder	Michelle	PJM Interconnection	None
Souder	Dave	PJM Interconnection	None
Stanek	Jason	PJM Interconnection	None
Stefanowicz	Vince	PJM Interconnection	None
Taylor	Daniel	PJM Interconnection	None
Terranova	Chris	PJM Interconnection	None
Tribulski	Jen	PJM Interconnection	None
Vinnik	Daniel	PJM Interconnection	None
Waweru	James	PJM Interconnection	None
Wharton	Matt	PJM Interconnection	None
Widom	Stuart	PJM Interconnection	None
Wineland	Chad	PJM Interconnection	None
Woznyj	Michael	PJM Interconnection	None
Wu	Mia	PJM Interconnection	None
Xu	Xu	PJM Interconnection	None
Ynaya	Mariel	PJM Interconnection	None
Zamojcin	Ann	PJM Interconnection	None
Zhang	Michael	PJM Interconnection	None