

**Markets & Reliability Committee**  
**PJM Conference and Training Center, Audubon, PA / WebEx**  
**November 21, 2024**  
**9:00 a.m. – 11:00 a.m. EPT**

## Administration

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

## Consent Agenda

Items A through H were **approved/endorsed** by acclamation with no objections or abstentions:

- A. Draft minutes of the October 30, 2024 meeting of the Markets and Reliability Committee (MRC).
- B. Draft minutes of the November 7, 2024 Special MRC - Reliability Resource Initiative (RRI) and Capacity Market Adjustments meeting.
- C. Draft minutes of the November 14, 2024 Special MRC – CIR Transfer Efficiency Page Turn meeting.
- D. Proposed revisions to Manual 03: Transmission Operations resulting from its periodic review.
- E. Proposed revisions to Manual 10: Pre-Scheduling Operations resulting from its periodic review.
- F. Conforming changes to Manual 28: Operating Agreement Accounting regarding solar and hybrid Lost Opportunity Cost implementation, per FERC Docket ER23-2484.  
[Issue Tracking: Solar-Battery Hybrid Resources](#)
- G. The proposed sunset of the CAPSTF.  
[Issue Tracking: Procurement of Clean Resource Attributes](#)
- H. Proposed Tariff, Reliability Assurance Agreement (RAA), and OA revisions as endorsed by the Governing Documents Enhancements and Clarifications Subcommittee (GDECS) in October.

## Endorsements

### 1. Hybrids Phase 3

Maria Belenky reviewed a proposed solution to the Hybrids Phase 3 issue as endorsed by the Market Implementation Committee. She proposed an amendment

to the proposal as follows in Tariff Attachment K Appendix section 1.4D (and Operating Agreement (OA) Schedule 1 section 1.4D):

For a Mixed Technology Facility that has components that participate in the capacity market, and that is eligible to participate in the capacity market as either a Hybrid Resource or as multiple Co-Located Resources, the modeling classification election must be indicated in the binding notice of intent pursuant to the timelines and processes set out in Tariff, Attachment DD, Section 5.5 for Planned Generation Capacity Resources, and may be changed pursuant to the rules outlined in RAA, Schedule 9.2.

There were no objections to this proposed amendment, and therefore it was incorporated into the main motion.

Following discussion, the committee endorsed the proposed solution and associated Tariff and Operating Agreement (OA) revisions by acclamation with no objections or abstentions.

[Issue Tracking: Hybrid Resources Enhancements \(Hybrids Phase 3\)](#)

## 2. Enhancing Capacity Interconnection Rights (CIR) Transfer Efficiency

- A. Ed Franks reviewed a proposed solution (the main motion) addressing CIR transfer efficiency enhancements as endorsed by the Planning Committee.
- B. Greg Poulos, Consumer Advocates of PJM States (CAPS), noted the intention to propose an alternative solution addressing CIR transfer efficiency enhancement should the main motion fail.

Following discussion, the committee **endorsed** the proposed main motion and associated Tariff revisions in a sector-weighted vote with 3.859 in favor.

[Issue Tracking: Enhancing Capacity Interconnection Rights \(CIR\) Transfer Efficiency](#)

## First Readings

## 3. Load Drop Estimate Guidelines

Andrew Gledhill reviewed a proposed problem statement, issue charge, and solution addressing the calculation and use of load drop estimate guidelines for load forecasting purposes. The committee will be asked to approve the Issue Charge and endorse proposed Manual 19 revisions as part of the Quick Fix process outlined in Section 8.6.1 of Manual 34 at its next meeting.

## 4. Manuals

- A. Kevin Hatch reviewed proposed revisions to Manual 13: Emergency Operations addressing greater transparency to the calculation for Day Ahead Scheduling Reserve (DASR). The committee will be asked to endorse the proposed Manual 13 revisions at its next meeting.

[Issue Tracking: Day Ahead Scheduling Reserve Calculation](#)

- B. Madalin How reviewed proposed revisions to Manual 14D: Generator Operational Requirements. The committee will be asked to endorse the proposed Manual 14D revisions at its next meeting.
- C. Jonathan Thompson reviewed proposed revisions to Manual 14H: New Service Requests Cycle Process addressing site control requirements to the cycle process and site control modifications. The committee will be asked to endorse the proposed Manual 14H revisions at its next meeting.

## Future Agenda Items

No new future agenda items were identified.

Future Meeting Dates and Materials			Materials Due to Secretary	Materials Published
Date	Time	Location	5:00 p.m. EPT deadline*	
<b>December 18, 2024</b>	9:00 a.m.	PJM Conference & Training Center and WebEx	December 6, 2024	December 11, 2024
<b>January 23, 2025</b>	9:00 a.m.	PJM Conference & Training Center and WebEx	January 13, 2025	January 16, 2025
<b>February 20, 2025</b>	9:00 a.m.	PJM Conference & Training Center and WebEx	February 10, 2025	February 13, 2025
<b>March 19, 2025</b>	9:00 a.m.	PJM Conference & Training Center and WebEx	March 7, 2025	March 12, 2025
<b>April 23, 2025</b>	9:00 a.m.	PJM Conference & Training Center and WebEx	April 11, 2025	April 16, 2025
<b>May 21, 2025</b>	9:00 a.m.	PJM Conference & Training Center and WebEx	May 9, 2025	May 14, 2025
<b>June 18, 2025</b>	9:00 a.m.	PJM Conference & Training Center and WebEx	June 6, 2025	June 11, 2025
<b>July 23, 2025</b>	9:00 a.m.	PJM Conference & Training Center and WebEx	July 11, 2025	July 16, 2025
<b>August 20, 2025</b>	9:00 a.m.	PJM Conference & Training Center and WebEx	August 8, 2025	August 13, 2025
<b>October 1, 2025</b>	9:00 a.m.	PJM Conference & Training Center and WebEx	September 19, 2025	September 24, 2025
<b>October 23, 2025</b>	9:00 a.m.	PJM Conference & Training Center and WebEx	October 13, 2025	October 16, 2025
<b>November 20, 2025</b>	9:00 a.m.	PJM Conference & Training Center and WebEx	November 10, 2025	November 13, 2025
<b>December 17, 2025</b>	9:00 a.m.	PJM Conference & Training Center and WebEx	December 5, 2025	December 10, 2025

\*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	NextEra Energy Marketing, LLC	Other Supplier
Borgatti	Michael	Jersey Green Energy, LLC	Other Supplier
Borgatti	Michael	York County Solid Waste and Refuse Authority	Generation Owner
Borgatti	Michael	Moxie Freedom LLC	Generation Owner
Borgatti	Michael	Lincoln Generating Facility, LLC	Generation Owner
Borgatti	Michael	Hazleton Generation LLC	Generation Owner
Borgatti	Michael	Recurrent Energy, LLC	Other Supplier
Borgatti	Michael	Longview Power, LLC	Generation Owner
Borgatti	Michael	Hill Top Energy Center, LLC	Generation Owner
Brodbeck	John	EDP Renewables North America LLC	Generation Owner
Bruce	Susan	Cleveland-Cliffs Steel LLC	End-Use Customer
Bruce	Susan	Linde Inc.	End-Use Customer
Bruce	Susan	Lehigh Portland Cement Company	End-Use Customer
Bruce	Susan	Air Products & Chemicals, Inc.	End-Use Customer
Bruce	Susan	Letterkenny Industrial Development Authority - PA	Electric Distributor
Bruce	Susan	Gerdau Ameristeel Energy, Inc.	End-Use Customer
Bruce	Susan	Trustees of the University of Pennsylvania	End-Use Customer
Bruce	Susan	Kimberly-Clark Corporation	Generation Owner
Bruce	Susan	Procter & Gamble Paper Products Company (The)	End-Use Customer
Bruce	Susan	Messer LLC	End-Use Customer
Davis	James	Virginia Electric & Power Company	Transmission Owner
Diulus	Kenzie	Seward Generation, LLC	Generation Owner
Diulus	Kenzie	Ebensburg Power Company	Generation Owner
Domian	Christin	Duquesne Light Company	Transmission Owner
Dugan	Chuck	East Kentucky Power Cooperative, Inc.	Transmission Owner
Evrard	David	Pennsylvania Office of Consumer Advocate	End-Use Customer
Fitch	Neal	NRG Business Marketing LLC	Generation Owner
Foladare	Kenneth	Geenex Solar LLC	Other Supplier
Fuess	Christian	Icetec.com, Inc.	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	NextPower III US Holdco Inc.	Generation Owner
Fuller	Peter	NedPower Mount Storm, LLC	Generation Owner
Ghosh	Abhishek	Cypress Creek Renewables, LLC	Generation Owner
Gorman	Bradley	Monongahela Power Company	Transmission Owner
Greene	Benjamin	Appalachian Power Company	Transmission Owner
Heinle	Frederick	Dynegy Marketing and Trade, LLC	Generation Owner
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
Johnson	Carl	Borough of Mont Alto, Pennsylvania	Electric Distributor
Johnson	Carl	Town of Thurmont	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
Johnson	Carl	Energy Cooperative Association of Pennsylvania (The)	Other Supplier
Johnson	Carl	Northern Virginia Electric Cooperative (NOVEC)	Electric Distributor
Johnson	Carl	Buckeye Power, Inc.	Electric Distributor
Johnson	Carl	Delaware Municipal Electric Corporation, Inc.	Electric Distributor
Johnson	Carl	Central Virginia Electric Cooperative	Electric Distributor
Johnson	Carl	City of Dover, Delaware	Electric Distributor
Johnson	Carl	Hagerstown Light Department	Electric Distributor
Johnson	Carl	Illinois Municipal Electric Agency	Electric Distributor
Johnson	Carl	Michigan Public Power Agency	Electric Distributor
Johnson	Carl	North Carolina Electric Membership Corporation	Electric Distributor
Johnson	Carl	Indiana Municipal Power Agency	Electric Distributor
Johnson	Carl	Easton Utilities Commission	Electric Distributor
Johnson	Carl	Old Dominion Electric Cooperative	Electric Distributor
Kelly	Stephen	Brookfield Renewable Trading and Marketing LP	Other Supplier
Kilgallen	Kevin	Avangrid Renewables, LLC	Generation Owner
O'Leary	Chris	Public Service Electric and Gas Company	Transmission Owner
Poulos	Greg	Public Staff - North Carolina Utilities Commission	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	Delaware Division of the Public Advocate	End-Use Customer
Poulos	Greg	Indiana Office of Utility Consumer Counselor (IN OUCC)	End-Use Customer
Poulos	Greg	Office of the People's Counsel for the District of Columbia	End-Use Customer
Poulos	Greg	West Virginia Consumer Advocate Division	End-Use Customer
Poulos	Greg	Maryland Office of People's Counsel	End-Use Customer
Rohrbach	John	Wabash Valley Power Association, Inc.	Electric Distributor
Rohrbach	John	Kentucky Municipal Energy Agency	Electric Distributor
Rohrbach	John	Southern Maryland Electric Cooperative, Inc.	Electric Distributor
Scarpignato	David	Calpine Energy Services, L.P.	Generation Owner
Stern	Alexander	Exelon Business Services Company, LLC	Transmission Owner
Stupar	Rob	Invenergy Energy Management LLC	Generation Owner
Sturgeon	John	Duke Energy Business Services LLC	Transmission Owner
Summers	Clara	Illinois Citizens Utility Board	End-Use Customer
Swalwell	Bradley	Tangent Energy Solutions, Inc.	Other Supplier
Tubridy	Meg	Rockland Electric Company	Transmission Owner
Ushijima	Hiroaki	Elwood Energy, LLC	Generation Owner
Vayda	Brian	Borough of Madison, New Jersey	Electric Distributor
Vayda	Brian	Borough of Pemberton, New Jersey	Electric Distributor
Vayda	Brian	Borough of Park Ridge, New Jersey	Electric Distributor
Vayda	Brian	Vineland Municipal Electric Utility	Electric Distributor
Vayda	Brian	Borough of Lavallette, New Jersey	Electric Distributor
Vayda	Brian	Borough of Milltown, New Jersey	Electric Distributor
Vayda	Brian	Borough of Seaside Heights, New Jersey	Electric Distributor
Vayda	Brian	Borough of South River, New Jersey	Electric Distributor
Vayda	Brian	Borough of Butler, Butler Electric Division	Electric Distributor
Whitehead	Jeffrey	Essential Power Rock Springs, LLC	Generation Owner
Whitehead	Jeffrey	Wheelabrator Falls Inc.	Generation Owner
Whitehead	Jeffrey	Parkway Generation Operating LLC	Generation Owner
Yovanovich	Laura	PPL Electric Utilities Corporation d/b/a PPL Utilities	Transmission Owner

## Non-Voting Attendees

Last Name	First Name	Company	Sector
Abdurrahman	Muhsin	Duquesne Light Company	Transmission Owner
Adams	Darrin	East Kentucky Power Cooperative, Inc.	Transmission Owner
Alfano	Melissa	Solar Energy Industry Association	None
Ament	Todd	Cube Hydro Partners, LLC	Generation Owner



Anderson	Jared	S&P Global Inc.	None
Anderson	Bob	Tenaska Power Services Co.	Generation Owner
Bailey	Michael	Duquesne Light Company	Transmission Owner
Bainbridge	Thomas	American Transmission Systems, Inc.	Transmission Owner
Baker	Jeff	Duke Energy Ohio, Inc.	Transmission Owner
Banks	Markia	Duquesne Light Company	Transmission Owner
Barmack	Matthew	Calpine Energy Services, L.P.	Generation Owner
Berchem	Emily	Leidos	None
Berg	William	Constellation Energy Generation, LLC	Generation Owner
Berman	David	Wright and Talisman PC	None
Bernson	Nina	Enel Trading North America, LLC	Other Supplier
Branch	John	Enel Trading North America, LLC	Other Supplier
Breidenbaugh	Aaron	Enerwise Global Technologies, LLC	Other Supplier
Callen	Zachary	Illinois Commerce Commission	None
Campbell	Bruce	Enerwise Global Technologies, LLC	Other Supplier
Carmean	Gregory	Organization of PJM States, Inc.	None
Carrier	Ronald	Big Lake Consulting Group, LLC	None
Chang	Sean	Shell Energy North America (US), L.P.	Other Supplier
Christopher	Mahila	Public Utilities Commission of Ohio	None
Chum	Vivian	Wright & Talisman	None
Clingan	Kristin	Public Utilities Commission of Ohio (The)	None
Cocco	Michael	Old Dominion Electric Cooperative	Electric Distributor
Collier	Oliver	Virginia State Corporation Commission	None
Collins	Ryan	Bazinga, LLC	Other Supplier
Corash	Richard	PSEG Energy Resources and Trade LLC	Other Supplier
Cox	Jason	EQ Energy Advisors, LLC	None
Curtis	Kenneth	Enverus, Inc.	None
Dadourian	John	Monitoring Analytics	None
Dalton	David	Virginia State Corporation Commission	None
Davis	David	Apex Clean Energy Holdings, LLC	None
de la Mora	Luis	Strom Power, LLC	Other Supplier
Dierksheide	Andrew	Interstate Gas Supply, LLC (HES)	Other Supplier
Donohue	Erin	Enel X North America, Inc.	Other Supplier
Dorko	Keri	Monitoring Analytics	None
Dossin	Sophia	Big Sandy Peaker Plant, LLC	Generation Owner
Drew	Steve	Renewable Energy Services	None
Dumitriu	Andrei	PSEG Energy Resources and Trade LLC	Transmission Owner

Dunhill	George	Energy Transition and Environmental Mana	None
Early	Shane	Sheppard Mullin	None
Esquivel	Manuel	Hydrostor	None
Everngam	Scott	Blue Horseshoe Energy LLC	None
Fee	George	Appalachian Power Company (AEP Generation)	Transmission Owner
Filomena	Guy	Customized Energy Solutions, Ltd.	None
Fink	Sari	MAREC Action	None
Fink	Regan	Pine Gate Mid-Atlantic, LLC	Generation Owner
Fitzgerald	John	Tennessee Valley Authority (The)	Other Supplier
Ford	Adrien	Constellation Energy Generation, LLC	Generation Owner
Ford	Andrew	Ohio Consumers' Counsel	End-Use Customer
Foster Cronin	Denise	East Kentucky Power Cooperative, Inc.	Transmission Owner
Frede	Shannon	Maryland Energy Administration	None
Gahimer	Mike	Maryland Solar LLC	Generation Owner
Gates	Terry	Appalachian Power Company	Transmission Owner
Gebby	Kaitlin	New Project Media	None
Gelbaugh	Andrew	Talen Energy Marketing, LLC	Generation Owner
Gilani	Rehan	RWE CLEAN ENERGY WHOLESALE SERVICES, INC.	Other Supplier
Glatz	Sue	Non-member	None
Glazer	Grant	MN8 Energy Operating Company LLC	None
Gonatas	Dinos	CPG Advisors	None
Gordon	Jonathan	Advanced Energy United	None
Grey	Bruce	Samsung C&T America	Other Supplier
Hart	Ronald	Dominion Virginia Power	Transmission Owner
Hastings	David	Long Island Lighting Company dba LIPA	Other Supplier
Hazel	Steve	Geenex Solar LLC	Other Supplier
Hickman	Adam	Appalachian Power Company (AEP Generation)	Transmission Owner
Himmelspace	Treasa	Appalachian Power Company (AEP Generation)	Transmission Owner
Hooker	Marquette	Dominion Virginia Power	Transmission Owner
Horner	Adrian	Geenex Solar LLC	Other Supplier
Hudis	Gabriella	Jersey Green Energy LLC	Other Supplier
Hugee	Jacquelyn	Dominion Virginia Power	Transmission Owner
Hull	Gerit	American Municipal Power, Inc.	Electric Distributor
Hurd	Shawn	Monongahela Power Company	Transmission Owner
Hyatt	Earl	Monitoring Analytics	None
Hyzinski	Tom	GT Power Group, LLC	None



Iler	Art	Indiana Office of Utility Consumer Counselor	End-Use Customer
Isaac	Carlos	Exelon Business Services Company, LLC	Transmission Owner
Jacobs	Mike	Union of Concerned Scientists	None
Janicki	Diane	Boston Energy Trading and Marketing LLC	Other Supplier
Johnston	David	Indiana Utility Regulatory Commission	None
Jones	Scott	Indiana Office of Utility Consumer Counselor	End-Use Customer
Kalaskar	Rahul	AES Laurel Mountain, LLC	Generation Owner
Kaplan	Donald	KL Gates	None
Kingsley	Grey	Parkway Generation Operating LLC	Generation Owner
Kirk	Ryan	Appalachian Power Company (AEP Generation)	Transmission Owner
Kirk	Steven	NextEra Energy Marketing, LLC	Other Supplier
Kogut	George	New York Power Authority	Other Supplier
Kosner	Bob	Illinois Municipal Electric Agency	Electric Distributor
Kozlowski	Brian	Alphataraxia Palladium LLC	Other Supplier
Lafayette	Robin	PPL Electric Utilities Corp. dba PPL Utilities (LSE)	Transmission Owner
Laios	Takis	Appalachian Power Company (AEP Transmission)	Transmission Owner
Lang-Ree	Claire	NRDC	None
Lawton	Nick	Earthjustice	None
Lee	Aristotle	Grays Ferry Cogeneration Partnership	Generation Owner
Leith-Yessian	Devin	RTO Insider	None
Lescano	Amanda	New Jersey Board of Public Utilities	None
Lieberman	Steven	American Municipal Power, Inc.	Electric Distributor
Liu	Jay	Twin Ridges LLC	Generation Owner
Long	Scott	Allegheny Electric Cooperative, Inc.	Electric Distributor
Mabry	David	McNees Wallace & Nurick LLC	None
Mansh	Jennifer	Talen Energy Marketing, LLC	Generation Owner
Mariam	Yohannes	Office of the People's Counsel for the District of Columbia	End-Use Customer
Marshall-Torres	Emma	Elevate Renewables	Other Supplier
Mason	Gary	Monongahela Power Company	Transmission Owner
Massarelli	Eva	Dominion Virginia Power	Transmission Owner
Matheson	Eric	Non-member	None
May	Yancey	Eolian	None
McCorry	Hannah	Illinois Commerce Commission	None
McDewell	Christian	Pennsylvania Public Utility Commission	None
McNeil	Justin	Kentucky Public Service Commission	None
Mendez	Victor	Comed	None

Miller	John	Calico Energy	None
Mohan	Chuck	Seward Generation, LLC	Generation Owner
Myers	Brian	Energy Aspects	None
Nadel	Steven	PPL Electric Utilities Corp. dba PPL Utilities (TO)	Transmission Owner
Nader	Jordan	Public Staff - North Carolina Utilities Commission	None
Neha	Farah	Advantage Capital	None
Noel Jeune	Reynaldo	Orsted Onshore North America, LLC	Generation Owner
O'Brien	Shane	Aypa Power LLC	None
Okasi	Uju	PSEG Energy Resources and Trade LLC	Other Supplier
O'leary	Christopher	PSEG Energy Resources and Trade LLC	Other Supplier
Olinger	Robert	Keystone-Conemaugh Projects, LLC (Keystone)	Other Supplier
Ondayko	Brock	AEP Energy Partners, Inc. (AEP Gen Resources)	Transmission Owner
Osborn	Eric	EDF Trading North America, LLC	Other Supplier
Oxenham	Ian	New Jersey Board of Public Utilities	None
Oyekanmi	Waheed	PowerTransitions LLC	None
Paine	Isaac	Public Utilities Commission of Ohio	None
Pakela	Greg	DTE Energy Trading, Inc.	Other Supplier
Parrot	Sarah	Public Utilities Commission of Ohio	None
Parrott	Keith	Michigan Public Power Agency	Electric Distributor
Pearlman	Toba	Illinois Commerce Commission	None
Peck	Alex	KMC Thermo, LLC	Generation Owner
Peoples	John	Duquesne Light Company	Transmission Owner
Pham	Bao	Lincoln Generating Facility, LLC	Generation Owner
Pierpont	Dan	Riverside Generating Company, L.L.C.	Generation Owner
Pietrucha	Doug	Advanced Energy United	None
Procuniar	Jason	Buckeye Power, Inc.	Electric Distributor
Ptak	Anton	EDF Renewable Development, Inc.	None
Pungaliya	Rajat	NedPower Mount Storm, LLC	Generation Owner
Radochonski	Thomas	Acciona Energy North America Corporation	Generation Owner
Randazzo	Tim	New Jersey Board of Public Utilities	None
Rasmussen	Jay	Duke Energy Business Services LLC	Transmission Owner
Rettig	Kacie	Rockland Electric Company	Transmission Owner
Richards Jr	Cleveland	PPL Electric Utilities Corp. dba PPL Utilities (TO)	Transmission Owner
Ripperda	Amanda	Illinois Municipal Electric Agency	Electric Distributor
Roberts	Casey	Natural Resources Defense Council	None
Rode	Advait	Michigan Public Service Commission	None

Rumsey	Amanda	PPL Electric Utilities Corp. dba PPL Utilities (TO)	Transmission Owner
Rutigliano	Tom	Natural Resources Defense Council	None
Rutledge	Craig	Appalachian Power Company (AEP Generation)	Transmission Owner
Sablosky	Maximillian	Hanwha Q CELLS USA Corp	None
Sajja	Pavan	Fowler Ridge IV Wind Farm LLC	Generation Owner
Salaneck	Alexandra	Monitoring Analytics	None
Sasser	Jonathan	Customized Energy Solutions, Ltd.	None
Schavrien	Nicholas	Silver Run Electric, LLC	Transmission Owner
Scheidecker	Paul	Monitoring Analytics	None
Schreim	Morris	Maryland Public Service Commission	None
Schuler	Jason	TotalEnergies - Attentive Energy	Other Supplier
Selick	Sam	Customized Energy Solutions, Ltd.	None
Shah	Pulin	PECO Energy Company	Transmission Owner
Shaughnessy	Pat	Pennsylvania Public Utility Commission	None
Shenstone-Harris	Sarah	Synapse Energy Economics	None
Siegner	Katie	RMI	None
Sikora	Cliff	Lincoln Generating Facility, LLC	Generation Owner
Silverman	Abe	Johns Hopkins University	None
Simons	Rob	Total Gas & Power North America, Inc.	Other Supplier
Skucas	Ruta	K&L Gates	None
Sloan	Ben	Organization of PJM States, Inc.	None
Smith	Kara	Buckeye Power, Inc.	Electric Distributor
Sotkiewicz	Paul	E-Cubed Policy Associates	None
Sprinkle	Dan	Louisville Gas and Electric Company/Kentucky Utilities Company	Transmission Owner
Stadelmeyer	Rebecca	Jersey Green Energy LLC	Other Supplier
Steichen	Renae	Bath County Energy, LLC	Generation Owner
Stoll	Aaron	Grid United	None
Stone	Andy	Non-member	None
Strange	Rob	Yes Energy LLC	None
Stuchell	Jeff	American Transmission Systems, Inc.	Transmission Owner
Sussler	Philip	Office of People's counsel	End-Use Customer
Swalwell	Brad	Tangent Energy Solutions, Inc.	Other Supplier
Sweeney	Rory	Northern Virginia Electric Cooperative (NOVEC)	Electric Distributor
Swigonski	Frank	Jupiter Power LLC	Other Supplier
Theaker	Brian	Big Sandy Peaker Plant, LLC	Generation Owner
Thekkekara	Justin	PowerTransitions LLC	None

Thomas	Amber	PECO Energy Company	Transmission Owner
Tiwari	Purushottam	Hodson Energy	None
Tyler	Catherine	Monitoring Analytics	None
Vanderlaan	William	Illinois Commerce Commission	None
Vargo	Daniel	Allegheny Electric Cooperative, Inc.	Electric Distributor
Vatakis	Sophia	Karbone	Other Supplier
Wagar	Benjamin	Jersey Central Power and Light (Yards Creek)	Transmission Owner
Walker	Jennifer	Exelon Business Services Company, LLC	Transmission Owner
Wang	Terry	Suncode Energy	None
Warren	Wendy	Wright & Talisman, P.C.	None
Wehnes	Kathleen	Non-member	None
Wicks	Tonja	ArcLight Capital Partners	None
Wilburn	Hayley	Illinois Commerce Commission	None
Wilson	James	Non-member	None
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

## PJM Attendees

Last Name	First Name	Company	Sector
Afelumo	Foluso	PJM Interconnection	None
Affleck	Jonathon	PJM Interconnection	None
Amoling	Leo	PJM Interconnection	None
Arkatin	Tyler	PJM Interconnection	None
Asthana	Manu	PJM Interconnection	None
Baizman	Aaron	PJM Interconnection	None
Baker	Scott	PJM Interconnection	None
Belenky	Maria	PJM Interconnection	None
Bennett	Daniel	PJM Interconnection	None
Berger	Stephen	PJM Interconnection	None
Berner	Aaron	PJM Interconnection	None
Bernstein	Matthew	PJM Interconnection	None
Beuhler	Susan	PJM Interconnection	None
Bielak	Donnie	PJM Interconnection	None
Blackwell	Terry	PJM Board	None
Boyle	Glen	PJM Interconnection	None
Bresler	Stu	PJM Interconnection	None
Breslin	Erica	PJM Interconnection	None

Bruno	Joshua	PJM Interconnection	None
Bruno	Pat	PJM Interconnection	None
Bryson	Michael	PJM Interconnection	None
Bunting	Henry	PJM Interconnection	None
Burdis	Tim	PJM Interconnection	None
Callaghan	Christopher	PJM Interconnection	None
Cao	Roger	PJM Interconnection	None
Carroll	Rebecca	PJM Interconnection	None
Ciabattoni	Joseph	PJM Interconnection	None
Conboy	Paula	PJM Board	None
Connell	Jason	PJM Interconnection	None
Connolly	Matthew	PJM Interconnection	None
Copeland	Kyle	PJM Interconnection	None
Coscia	Carl	PJM Interconnection	None
Croop	Danielle	PJM Interconnection	None
D'Antonio	Phil	PJM Interconnection	None
Dajewski	Paul	PJM Interconnection	None
Davis	Elizabeth	PJM Interconnection	None
DeVita	Thomas	PJM Interconnection	None
DiMartino	Denise	PJM Interconnection	None
Downs	Jere	PJM Interconnection	None
Dropkin	Robert	PJM Interconnection	None
Dumitriu	Nicolae	PJM Interconnection	None
Fan	Zhenyu	PJM Interconnection	None
Farhat	Michelle	PJM Interconnection	None
Feng	Julan	PJM Interconnection	None
Fereshtian	Damon	PJM Interconnection	None
Fitzpatrick	Brian	PJM Interconnection	None
Flamm	Sean	PJM Interconnection	None
Foley	Sheila	PJM Interconnection	None
Franks	Christine	PJM Interconnection	None
Franks	Ed	PJM Interconnection	None
Glazer	Craig	PJM Interconnection	None
Glehill	Andrew	PJM Interconnection	None
Greening	Michele	PJM Interconnection	None
Guignet	Doug	PJM Interconnection	None
Haque	Asim	PJM Interconnection	None
Hatch	Kevin	PJM Interconnection	None
Hauske	David	PJM Interconnection	None

Heater	Megan	PJM Interconnection	None
Herel	Suzanne	PJM Interconnection	None
Herman	Michael	PJM Interconnection	None
Holland	Risa	PJM Interconnection	None
Holt	Chris	PJM Interconnection	None
Horger	Tim	PJM Interconnection	None
Hoshmand	Mojtaba	PJM Interconnection	None
How	Madalin	PJM Interconnection	None
Hsia	Eric	PJM Interconnection	None
Hu	Yong	PJM Interconnection	None
Johnson	Jeanine	PJM Board	None
Keech	Adam	PJM Interconnection	None
Kenney	Susan	PJM Interconnection	None
Khan	Aftab	PJM Interconnection	None
Kim	Sung	PJM Interconnection	None
Klicker	Owen	PJM Interconnection	None
Krizenoskas	Lisa	PJM Interconnection	None
Lacek	Mollie	PJM Interconnection	None
Lai	Erin	PJM Interconnection	None
Langbein	Pete	PJM Interconnection	None
Lawson	Stephen	PJM Interconnection	None
Lee	Ray	PJM Interconnection	None
Lockwood	Daniel	PJM Interconnection	None
Loebl	Margaret	PJM Board	None
Lu	Chen	PJM Interconnection	None
Mali	Gizella	PJM Interconnection	None
Marzewski	Skyler	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
Melkonich	Hannah	PJM Interconnection	None
Militello	Nikki	PJM Interconnection	None
Mills	David	PJM Board	None
Morelli	Lisa	PJM Interconnection	None
Moscovitz	Daniel	PJM Interconnection	None
Muhl	Nancy	PJM Interconnection	None
Nice	Ryan	PJM Interconnection	None



Nitchie	Laura	PJM Interconnection	None
Noonan	Casey	PJM Interconnection	None
Oakes	Brian	PJM Interconnection	None
Obi	Chukwudumebi	PJM Interconnection	None
O'Hara	Christopher	PJM Interconnection	None
Oskvig	Dean	PJM Board	None
Panchal	Hitesh	PJM Interconnection	None
Patel	Anita	PJM Interconnection	None
Patel	Keyur	PJM Interconnection	None
Petrov	Matt	PJM Interconnection	None
Pilong	Christopher	PJM Interconnection	None
Quevada	Jason	PJM Interconnection	None
Reid	John	PJM Interconnection	None
Robinson	Charles	PJM Board	None
Salmon	Lisa	PJM Interconnection	None
Schuyler	Ken	PJM Interconnection	None
Shields	Jeff	PJM Interconnection	None
Smith	Ryan	PJM Interconnection	None
Souder	Michelle	PJM Interconnection	None
Stanek	Jason	PJM Interconnection	None
Stefanowicz	Vince	PJM Interconnection	None
Takahashi	Mark	PJM Board	None
Thompson	Jonathan	PJM Interconnection	None
Tribulski	Jennifer	PJM Interconnection	None
VanZandt	Vickie	PJM Board	None
Wang	Colleen	PJM Interconnection	None
Waweru	James	PJM Interconnection	None
Widom	Stuart	PJM Interconnection	None
Wineland	Chad	PJM Interconnection	None
Wolff	John	PJM Interconnection	None
Woodall	Andrew	PJM Interconnection	None
Wu	Mia	PJM Interconnection	None
Xu	Xu	PJM Interconnection	None
Yeager	Jeff	PJM Interconnection	None
Ynaya	Mariel	PJM Interconnection	None
Zhang	Michael	PJM Interconnection	None