

Members Committee Two Hundred Second Meeting Webex Only September 17, 2020 12:30 p.m. – 5:00 p.m. EPT

### Administration (12:30-12:35)

Members Committee (MC) Chair Steve Lieberman welcomed stakeholders.

- A. David Anders announced the following new member company approved for PJM membership since the last meeting, bringing the total membership to 1041:
  - Hardin Wind LLC (Affiliate Member) selected the Generation Owner sector

Mr. Anders noted that 10 members had withdrawn since the last meeting.

- B. Mr. Anders confirmed the presence of a quorum.
- C. Mr. Anders reminded participants of Antitrust, Code of Conduct, and Meeting Participation announcements.

### Consent Agenda (12:35-12:40)

Items A through D were <u>approved/endorsed</u> by acclamation with one objection to item A, eight objections to item D and no abstentions.

- A. Draft minutes of the July 23, 2020 meeting.
- B. Draft Tariff clean-up revisions related to PJM's recent market participation risk evaluation enhancements filing.
   <u>Issue Tracking: Financial Risk Mitigation</u>
- C. Proposed Operating Agreement (OA) revisions to support improving situational awareness with the Dispatch Interactive Map Application (DIMA).
  <u>Issue Tracking: Improving Situational Awareness with the Dispatch Interactive Map Application (DIMA)</u>
- D. Proposed OA revisions corresponding to the MEPETF Window for Capacity Drivers solution. <u>Issue Tracking: RTEP Market Efficiency Analysis</u>

Endorsements/Approvals (12:40-1:10)

1. <u>Capacity Capability Senior Task Force Proposed Solution (12:40-1:10)</u>

Steve Lieberman reviewed the actions of the Markets & Reliability Committee (MRC) at its meeting on September17, 2020, noting that Package D as amended by the posted Alternate Motion Amendment to Joint Stakeholder Package was endorsed in a sector-weighted vote with 3.98 in favor.



David Scarpignato, Calpine, proposed a friendly amendment to Package D to incorporate the first part of the posted Alternate Motion Amendment to Joint Stakeholder Package as modified below:

### Agreement to Further Evaluate the Operations of Limited Duration Resources

Following FERC approval of an ELCC-related filing that includes a 4-hour Limited Duration Class, PJM will initiate a stakeholder process to further evaluate the coordination of the operation of <u>all</u> Limited Duration <del>Capacity</del> Resources with system needs <u>and evaluate the modelling of Limited</u> <u>Duration Resources within ELCC</u>. The proceeding will consider rules to sufficiently ensure that the operational behavior of Limited Duration <del>Capacity</del> Resources is appropriately aligned with the resource adequacy construct and system reliability by examining issues including but not limited to <u>ELCC modelling</u>, bidding, operations, emergency procedures, and energy market offer requirements.

Sean Baur, GlidePath Power Operations LLC, objected to this being friendly, and therefore it was incorporated into the main motion.

Dr. Paul Sotkiewicz, Elmwood Energy, objected to voting on the same day as the MRC. Adrien Ford, ODEC, moved and Brian Kaufman, Enel X, seconded to suspend the rules to allow a vote on the same day as the MRC. The motion to suspend the rules **passed** in a sector-weighted vote with 4.23 in favor.

Following discussion, Package D as amended by the posted Alternate Motion Amendment to Joint Stakeholder Package was **endorsed** by the MC in a sector-weighted vote with 4.05 in favor.

Issue Tracking: Effective Load Carrying Capability for Limited Duration Resources and Intermittent Resources

### First Reads (1:10-1:30)

2. <u>Schedule 9-2 Options (1:10-1:30)</u>

Lisa Drauschak reviewed proposed near term changes to PJM's administrative rates as recommended by the PJM Finance Committee. The committee will be asked to endorse the proposed changes at its next meeting.

### Reports (1:30-1:45)

- 3. MC Vice Chair Report (1:30-1:40)
  - A. Katie Guerry provided an update on the Members Committee Annual Plan.
  - B. Katie Guerry provided a report on plans for the September 22, 2020 Liaison Committee meeting with the PJM Board of Managers.



### 4. Webinar Feedback (1:40-1:45)

There were no items raised for further discussion from the September 14, 2020 Members Committee Webinar.

### Future Agenda Items (1:45)

No new future agenda items were identified.

Future Meeting Dates	
0.1.1	4.45

October 29, 2020	1:15 p.m.	PJM Conference & Training Center/ WebEx
November 19, 2020	1:15 p.m.	PJM Conference & Training Center/ WebEx
December 17, 2020	1:15 p.m.	PJM Conference & Training Center/ WebEx

Author: D. Anders

#### Attendance

#### Secretary/Vice Chair/Chair

Last Name	First Name	Company	Sector
Anders	David	PJM Interconnection, LLC	Not Applicable
Guerry	Katie	Enel X North America, Inc.	Other Supplier
Lieberman	Steve	American Municipal Power, Inc.	Electric Distributor

#### Voting Attendees

Last Name	First Name	Member Name	Sector
Barker	Jason	Exelon Business Services Company, LLC	Transmission Owner
Baur	Sean	GlidePath Power Operations LLC	Generation Owner
Benchek	Jim	American Transmission Systems, Inc.	Transmission Owner
Bleiweis	Bruce	DC Energy, LLC	Other Supplier
Borgatti	Michael	Rep'g. Carolina Solar Energy III, LLC	Other Supplier
Borgatti	Michael	Rep'g. Covanta Energy Group, LLC	Generation Owner
Borgatti	Michael	Rep'g. Cypress Creek Renewables, LLC	Generation Owner
Borgatti	Michael	Rep'g. Eagle Point Power Generation, LLC	Generation Owner
Borgatti	Michael	Rep'g. Hazleton Generation LLC	Generation Owner
Borgatti	Michael	Rep'g. Jersey Green Energy, LLC	Other Supplier
Borgatti	Michael	Rep'g. Longview Power, LLC	Generation Owner
Borgatti	Michael	Rep'g. Moxie Freedom LLC	Generation Owner
Borgatti	Michael	Rep'g. Newark Energy Center, LLC	Generation Owner
Borgatti	Michael	Rep'g. NextEra Energy Marketing, LLC	Other Supplier
Borgatti	Michael	Rep'g. Recurrent Energy, LLC	Generation Owner
Borgatti	Michael	Rep'g. York County Solid Waste and Refuse Authority	Generation Owner
Breidenbaugh	Aaron	Rep'g. COI Energy Services, Inc.	Other Supplier
Breidenbaugh	Aaron	Rep'g. Rodan Energy Solutions (USA) Inc.	Other Supplier
Brodbeck	John	EDP Renewables North America LLC	Generation Owner



Bruce	Susan	Rep'g. Air Products & Chemicals, Inc.	End-Use Customer
Bruce	Susan	Rep'g. ArcelorMittal USA LLC	End-Use Customer
Bruce	Susan	Rep'g. Gerdau Ameristeel Energy, Inc.	Other Supplier
Bruce	Susan	Rep'g. Industrial Energy Users-Ohio	Other Supplier
Bruce	Susan	Rep'g. Kimberly-Clark Corporation	Generation Owner
Bruce	Susan	Rep'g. Lehigh Portland Cement Company	End-Use Customer
Bruce	Susan	Rep'g. Letterkenny Industrial Development Authority - PA	Electric Distributor
Bruce	Susan	Rep'g. MeadWestvaco Corporation	End-Use Customer
Bruce	Susan	Rep'g. Messer LLC	End-Use Customer
Bruce	Susan	Rep'g. Praxair, Inc.	End-Use Customer
Bruce	Susan	Rep'g. Procter & Gamble Paper Products Company (The)	Generation Owner
Bruce	Susan	Rep'g. Trustees of the University of Pennsylvania	End-Use Customer
Bruce	Susan	Rep'g. Wellsboro Electric Company	Electric Distributor
Campbell	Bruce	MidAtlantic Power Partners, LLC	Other Supplier
Canter	David	Appalachian Power Company	Transmission Owner
Carrier	Ron	Direct Energy Business, LLC	Other Supplier
Chang	Sean	Shell Energy North America (US), L.P.	Other Supplier
Davis	James	Virginia Electric & Power Company	Transmission Owner
Dugan	Chuck	East Kentucky Power Cooperative, Inc.	Transmission Owner
Fitch	Neal	NRG Power Marketing, LLC	Generation Owner
Foladare	Kenneth	Geenex Solar LLC	Generation Owner
Ford	Adrien	Old Dominion Electric Cooperative	Electric Distributor
Fuess	Christian	Rep'g. Diamond State Generation Partners, LLC	Generation Owner
Fuess	Christian	Rep'g. Icetec.com, Inc.	Other Supplier
Fuess	Christian	Rep'g. Kuehne Chemical Company, Inc.	Other Supplier
Fuess	Christian	Rep'g. NextPower III US Holdco Inc.	Generation Owner
Fuess	Christian	Rep'g. PBF Power Marketing, LLC	Generation Owner
Garnett	Bryan	Duke Energy Business Services LLC	Transmission Owner
Greiner	Gary	Public Service Electric & Gas Company	Transmission Owner
Hastings	David	Rep'g. Northstar Trading Ltd.	Other Supplier
Hastings	David	Rep'g. Saracen Energy East LP	Other Supplier
Hastings	David	Rep'g. SESCO Enterprises, LLC	Other Supplier
Hastings	David	Rep'g. Solios Power Mid-Atlantic Trading, LLC	Other Supplier
Heinle	Frederick	Office of the People's Counsel for the District of Columbia	End-Use Customer
Hoatson	Tom	Riverside Generating, LLC	Generation Owner
Hohenshilt	Jennifer	Talen Energy Marketing, LLC	Generation Owner
Horstmann	John	Dayton Power & Light Company (The)	Transmission Owner
Hyzinski	Thomas	Rep'g. Carroll County Energy LLC	Generation Owner
Hyzinski	Thomas	Rep'g. Dynegy Marketing and Trade, LLC	Generation Owner
Hyzinski	Thomas	Rep'g. GenOn Energy Management, LLC	Generation Owner



Islam	Lubaba	Rockland Electric Company	Transmission Owner
Janicki	Diane	Boston Energy Trading and Marketing LLC	Other Supplier
Johnson	Carl	Rep'g. Allegheny Electric Cooperative, Inc.	Electric Distributor
Johnson	Carl	Rep'g. American Municipal Power, Inc.	Electric Distributor
Johnson	Carl	Rep'g. Blue Ridge Power Agency, Inc.	Electric Distributor
Johnson	Carl	Rep'g. Borough of Chambersburg	Electric Distributor
Johnson	Carl	Rep'g. Borough of Mont Alto, Pennsylvania	Electric Distributor
Johnson	Carl	Rep'g. Buckeye Power, Inc.	Electric Distributor
Johnson	Carl	Rep'g. Central Virginia Electric Cooperative	Electric Distributor
Johnson	Carl	Rep'g. City of Dover, Delaware	Electric Distributor
Johnson	Carl	Rep'g. Delaware Municipal Electric Corporation, Inc.	Electric Distributor
Johnson	Carl	Rep'g. Easton Utilities Commission	Electric Distributor
Johnson	Carl	Rep'g. Energy Cooperative Association of Pennsylvania (The)	Other Supplier
Johnson	Carl	Rep'g. Galt Power, Inc.	Other Supplier
Johnson	Carl	Rep'g. Hagerstown Light Department	Electric Distributor
Johnson	Carl	Rep'g. Illinois Municipal Electric Agency	Electric Distributor
Johnson	Carl	Rep'g. Indiana Municipal Power Agency	Generation Owner
Johnson	Carl	Rep'g. Madison Gas & Electric Co.	Other Supplier
Johnson	Carl	Rep'g. Michigan Public Power Agency	Generation Owner
Johnson	Carl	Rep'g. North Carolina Electric Membership Corporation	Electric Distributor
Johnson	Carl	Rep'g. North Carolina Municipal Power Agency Number 1	Other Supplier
Johnson	Carl	Rep'g. Northern Illinois Municipal Power Agency	Electric Distributor
Johnson	Carl	Rep'g. Northern Virginia Electric Cooperative (NOVEC)	Electric Distributor
Johnson	Carl	Rep'g. Thurmont Municipal Light Company	Electric Distributor
Johnson	Carl	Rep'g. Town of Williamsport (The)	Electric Distributor
Johnson	Carl	Rep'g. WPPI Energy	Other Supplier
Kauffman	Brian	Enel X North America, Inc.	Other Supplier
Keenan	Matthew	Elwood Energy, LLC	Generation Owner
Kelly	Stephen	Brookfield Renewable Trading and Marketing LP	Other Supplier
Kilgallen	Kevin	Avangrid Renewables, LLC	Generation Owner
Kogut	George	New York Power Authority	Other Supplier
Litchfield	Matt	CPV Power Holdings, LP	Generation Owner
Pakela	Greg	DTE Energy Trading, Inc.	Other Supplier
Pelletier	Eveline	H.Q. Energy Services (U.S.), Inc.	Other Supplier
Poulos	Greg	Rep'g. Consumer Protection and Advocate Division of the Tennessee Attorney General	End-Use Customer
Poulos	Greg	Rep'g. Delaware Division of the Public Advocate	End-Use Customer
Poulos	Greg	Rep'g. Illinois Citizen Utility Board	End-Use Customer
Poulos	Greg	Rep'g. Indiana Office of Utility Consumer Counselor (IN OUCC)	End-Use Customer
Poulos	Greg	Rep'g. Maryland Office of People's Counsel	End-Use Customer



Poulos	Greg	Rep'g. Michigan Department of Attorney General, Environment, Natural Resources, & Agriculture Division	End-Use Customer
Poulos	Greg	Rep'g. New Jersey Division of Rate Counsel	End-Use Customer
Poulos	Greg	Rep'g. Office of the Attorney General, Kentucky	End-Use Customer
Poulos	Greg	Rep'g. Ohio Consumers' Counsel	End-Use Customer
Poulos	Greg	Rep'g. Pennsylvania Office of Consumer Advocate	End-Use Customer
Poulos	Greg	Rep'g. Public Staff - North Carolina Utilities Commission	End-Use Customer
Poulos	Greg	Rep'g. Virginia Division of Consumer Counsel	End-Use Customer
Poulos	Greg	Rep'g. West Virginia Consumer Advocate Division	End-Use Customer
Rohrbach	John	Rep'g. Big Savage, LLC	Generation Owner
Rohrbach	John	Rep'g. Kentucky Municipal Energy Agency	Other Supplier
Rohrbach	John	Rep'g. Southern Maryland Electric Cooperative, Inc.	Electric Distributor
Rohrbach	John	Rep'g. Wabash Valley Power Association, Inc.	Electric Distributor
Rumsey	Amanda	PPL Electric Utilities Corporation d/b/a PPL Utilities	Transmission Owner
Scarpignato	David	Calpine Energy Services, L.P.	Generation Owner
Skucas	Ruta	Rep'g. Alphataraxia Palladium LLC	Other Supplier
Skucas	Ruta	Rep'g. Ames Energy, LLC	Other Supplier
Skucas	Ruta	Rep'g. Big Bend Trading, LLC	Other Supplier
Skucas	Ruta	Rep'g. BJ Energy, LLC	Other Supplier
Skucas	Ruta	Rep'g. Boston Energy Group, Inc.	Other Supplier
Skucas	Ruta	Rep'g. Dufossat Capital I, LLC	Other Supplier
Skucas	Ruta	Rep'g. Greene Energy NE LLC	Other Supplier
Skucas	Ruta	Rep'g. Hexis Energy Trading, LLC	Other Supplier
Skucas	Ruta	Rep'g. MAG Energy Solutions, Inc.	Other Supplier
Skucas	Ruta	Rep'g. Monterey MA LLC	Other Supplier
Skucas	Ruta	Rep'g. Precept Power LLC	Other Supplier
Skucas	Ruta	Rep'g. Pure Energy, Inc.	Other Supplier
Skucas	Ruta	Rep'g. Red Wolf PT, LLC	Other Supplier
Skucas	Ruta	Rep'g. Taller Cube, LLC	Other Supplier
Skucas	Ruta	Rep'g. Velocity American Energy Master I, L.P.	Other Supplier
Skucas	Ruta	Rep'g. XO Energy MA, L.P.	Other Supplier
Stewart	Travis	Energy Harbor LLC	Generation Owner
Stupar	Rob	Invenergy, LLC	Generation Owner
Swalwell	Bradley	Tangent Energy Solutions, Inc.	Other Supplier
Vayda	Brian	Rep'g. Borough of Butler, Butler Electric Division	Electric Distributor
Vayda	Brian	Rep'g. Borough of Lavallette, New Jersey	Electric Distributor
Vayda	Brian	Rep'g. Borough of Madison, New Jersey	Electric Distributor
Vayda	Brian	Rep'g. Borough of Milltown, New Jersey	Electric Distributor
Vayda	Brian	Rep'g. Borough of Park Ridge, New Jersey	Electric Distributor
Vayda	Brian	Rep'g. Borough of Pemberton, New Jersey	Electric Distributor



Vayda	Brian	Rep'g. Borough of Seaside Heights, New Jersey	Electric Distributor
Vayda	Brian	Rep'g. Borough of South River, New Jersey	Electric Distributor
Vayda	Brian	Rep'g. Vineland Municipal Electric Utility	Electric Distributor
Watson	Betty	Affirmed Energy LLC	Other Supplier
Whitehead	Jeffrey	Rep'g. Eastern Generation, LLC	Generation Owner
Whitehead	Jeffrey	Rep'g. Essential Power Rock Springs, LLC	Generation Owner
Whitehead	Jeffrey	Rep'g. Neptune Regional Transmission System, LLC	Transmission Owner
Whitehead	Jeffrey	Rep'g. Wheelabrator Falls Inc.	Generation Owner
Wicks	Tonja	Duquesne Light Company	Transmission Owner

Last Name	First Name	Company Name	Sector
Abdur-Rahman	Mushin	Hitachi ABB Power Grids	None
Abend	Eric	EA Consulting	None
Adams	Darrin	East Kentucky Power Cooperative, Inc.	Transmission Owner
Adams	Sean	PSEG Energy Resources and Trade LLC	Other Supplier
Ainspan	Malcolm	NRG Curtailment Solutions, Inc.	Other Supplier
Anderson	Jared	Platts	None
Bainbridge	Thomas	American Transmission Systems, Inc.	Transmission Owner
Berton	Tyler	AEP Appalachian Transmission Company, Inc.	Transmission Owner
Bockhorn	Tim	Dayton Power & Light Company (The)	Transmission Owner
Bowring	Joe	Monitoring Analytics	None
Burbure	Stacey	Appalachian Power Company (AEP Transmission)	Transmission Owner
Burke	Jennifer	Lockheed Martin	None
Burwen	Jason	Energy Storage Association	None
Carmean	Gregory	OPSI	None
Cham	Edrissa	Savion, LLC	None
Chandler	Kent	Kentucky Public Service Commission	None
Christopher	Mahila	Public Utilities Commission of Ohio	None
Соссо	Michael	Old Dominion Electric Cooperative	Electric Distributor
Crystle	Gil	UGI Development Company	Generation Owner
D'Alessandris	Louis	American Transmission Systems, Inc.	Transmission Owner
Dasher	Brett	Energy Authority, Inc. (The)	Other Supplier
Dillon	Matthew	UGI Development Company	Generation Owner
DiNicola	Laura	Energy Harbor LLC	Generation Owner
Dixon	Chad	Customized Energy Solutions, Ltd.	None
Domian	Christin	Duquesne Light Company	Transmission Owner
Drom	Richard	RAD LLC	None
Duensing	Allison	Saracen Energy East LP	Other Supplier
Elkins	Rachel	American Transmission Systems, Inc.	Transmission Owner
Ericson	Christine	Illinois Commerce Commission	None



Everngam	Scott	Blue Horshoe Energy LLC	None
Feller	John	PPL Electric Utilities Corp. dba PPL Utilities (TO)	Transmission Owner
Filomena	Guy	Customized Energy Solutions, Ltd.	None
Fleisher	Madeline	Dickinson Wright PLLC	None
Foster	Denise	East Kentucky Power Cooperative	None
Fuerst	Gary	American Transmission Systems, Inc.	Transmission Owner
Gabriele	Hollis	NextEra Energy Resources, LLC	None
Gahimer	Michael	Indiana Office of Utility Consumer Counselor (IN OUCC)	End-Use Customer
Gates	Terry	Appalachian Power Company (AEP Generation)	Transmission Owner
Gebolys	Debbie	Public Utilities Commission of Ohio	None
Gilani	Rehan	ConEdison Energy, Inc.	Other Supplier
Good	Megan	Pennsylvania Public Utility Commission	None
Grau	Patrick	Apogee Energy Trading LLC	Other Supplier
Haas	Howard	Monitoring Analytics	None
Hasan	Prusha	Advanced Energy Economy	None
Hanser	Erik	Michigan Public Service Commission	None
Heitmeyer	Chad	Appalachian Power Company (AEPSCO)	Transmission Owner
Herbert	Sebastian	DC Energy Mid-Atlantic, LLC	Other Supplier
Hollis	Gabriel	NextEra Energy Transmission, LLC	Other Supplier
Horning	Lynn Marie	Customized Energy Solutions, Ltd.	None
Horton	Dana	Appalachian Power Company (AEP Generation)	Transmission Owner
Huang	Jame	Rockland Electric Company	Transmission Owner
Hudis	Gabriella	Gable Associates	None
Hull	Gerit	American Municipal Power, Inc.	Electric Distributor
Huntoon	Stephen	Chesapeake Transmission LLC	Other Supplier
Hurwich	Mark	Elliott Bay Energy Trading, LLC	Other Supplier
ller	Arthur	Indiana Office of Utility Consumer Counselor	End-Use Customer
Jacobs	Michael	UCS	None
Jens	Thomas	Black Oak Capital, LLC	Other Supplier
Jett	William	Duke Energy Business Services LLC	Transmission Owner
Johnson	Ryan	AEP Energy Partners, Inc.	Transmission Owner
Johnston	David	Indiana Utility Regulatory Commission	None
Joseph	Kelli	Clearway Energy	None
Laios	Takis	Appalachian Power Company (AEP Transmission)	Transmission Owner
Lamond	Bonnie	Highview Power	None
Lauterbach	Victoria	Wright and Tailsman	None
Lawson	Ryen	Dominion Virginia Power	Transmission Owner
Leonard	Hans	FERC	None
Libbos	Robin	Monongahela Power Company d/b/a Allegheny Power	Transmission Owner
Lin	Michael	DC Energy, LLC	Other Supplier



Lipscomb	Bobby	West Virginia Consumer Advocate Division	End-Use Customer
Liu-McKenna	Phyllis	Public Service Electric & Gas Company	Transmission Owner
Mabry	David	McNees Wallace & Nurick LLC	None
Mariam	Yohannes	Office of the People's Counsel for the District of Columbia	End-Use Customer
Markiewicz	Cindy	Allegheny Power (MonPwr Gen)	Transmission Owner
Martin	Valerie	FERC	None
Matheson	Eric	Pennsylvania Public Utility Commission	None
McDougall	Devin	Earthjustice	None
Midgley	Sharon	Exelon Business Services Company, LLC	Transmission Owner
Nadel	Steven	PPL Electric Utilities Corp. dba PPL Utilities (TO)	Transmission Owner
Natufzak	Alexander	UGI Energy Services, LLC	Other Supplier
Okenfuss	James	Savion, LLC	None
Ondayko	Brock	AEP Energy Partners, Inc. (AEP Gen Resources)	Transmission Owner
Pawlowski	Matt	NextEra Energy Marketing, LLC	Other Supplier
Peoples	John	Duquesne Light Company	Transmission Owner
Pizzutelli	Ashley	Allegheny Power (MonPwr Gen)	Transmission Owner
Price	Mark	DC Energy Mid-Atlantic, LLC	Other Supplier
Price	Ruth	Delaware Division of the Public Advocate	End-Use Customer
Rainey	Frank	PEI Power LLC	Generation Owner
Rainey	John	Northern Virginia Electric Cooperative	Electric Distributor
Rajan	Abhijit	Dominion Virginia Power	Transmission Owner
Ramsey	James	Perast Fund LP	Other Supplier
Robinson	Becky	Dynegy Marketing & Trade, LLC (DECAM)	Generation Owner
Rooney	Alexa	PPL Electric Utilities Corp. dba PPL Utilities	Transmission Owner
Ruan	Lily	Illinois Commerce Commission	None
Rutigliano	Tom	NRDC	None
Sasser	Jonathan	Customized Energy Solutions, Ltd.	None
Schultz	Matthew	Duke Energy Business Services LLC	Transmission Owner
Schreim	Morris	Maryland Public Service Commission	None
Seide	Richard	Apex Clean Energy	None
Shanker	Roy	East Coast Power Linden Holdings, LLC	Generation Owner
Sidhom	Noha	Prime Trading, LLC	Other Supplier
Sillin	John	Federal Energy Regulatory Commission	None
Singer	Chad	Trane Grid Services LLC	Other Supplier
Sotkiewicz	Paul	E-Cubed Policy Associates	None
Squibb	Bill	Ohio Valley Electric Corporation	Transmission Owner
Stern	Alexander	Public Service Electric & Gas Company	Transmission Owner
Stone	Andy	Andy Stone	None
Stuchell	Jeff	American Transmission Systems, Inc.	Transmission Owner
Sturgeon	John	Duke Energy Business Services LLC	Transmission Owner



Suh	Jung	Calpine Energy Solutions, LLC	Other Supplier
Sweeney	Rory	GT Power Group, LLC	None
Szmodis	Christopher	PPL Electric Utilities Corp. dba PPL Utilities (TO)	Transmission Owner
Taylor	Robert	Commonwealth Edison Company	Transmission Owner
Thundiyil	Kevin	Exelon Generation Co., LLC (NEV_XLON)	Generation Owner
Tibbetts	Maeve	Pierce Atwood	None
VanAmburg	Cari	Recurrent Energy	Generation Owner
Vargo	Daniel	Allegheny Electric Cooperative, Inc.	Electric Distributor
Walker	Jennifer	Exelon Business Services Company, LLC	Transmission Owner
Wehnes	Kathleen	Maryland Department of the Environment	None
White	Brett	Edison Electric Institute	None
Willey	Amy	Delaware Public Service Commission	None
Wilson	James	Wilson Energy Economics	None
Wisersky	Megan	Madison Gas & Electric Co.	Other Supplier
Yoder	Michael	RTO Insider	None
York	Joshua	LS Power Transmission, LLC	None
Zamamburg	Cari	Recurrent, LLC	Generation Owner

#### PJM Attendees

Last Name	First Name	Company	Sector
Anders	David	PJM Interconnection, LLC	Not Applicable
Asthana	Manu	PJM Interconnection, LLC	Not Applicable
Bennett	Stephen	PJM Interconnection, LLC	Not Applicable
Bernabeu	Emanuel	PJM Interconnection, LLC	Not Applicable
Berner	Aaron	PJM Interconnection, LLC	Not Applicable
Bernstein	Matt	PJM Interconnection, LLC	Not Applicable
Bloczynski	Nigeria	PJM Interconnection, LLC	Not Applicable
Boyle	Glen	PJM Interconnection, LLC	Not Applicable
Bresler	Stu	PJM Interconnection, LLC	Not Applicable
Bruno	Patrick	PJM Interconnection, LLC	Not Applicable
Bryson	Michael	PJM Interconnection, LLC	Not Applicable
Burlew	James	PJM Interconnection, LLC	Not Applicable
Cao	Roger	PJM Interconnection, LLC	Not Applicable
Carroll	Rebecca	PJM Interconnection, LLC	Not Applicable
Chen	Yang	PJM Interconnection, LLC	Not Applicable
Chmielewski	Brian	PJM Interconnection, LLC	Not Applicable
Coyne	Suzanne	PJM Interconnection, LLC	Not Applicable
Croop	Danielle	PJM Interconnection, LLC	Not Applicable
Cummings	Bridgid	PJM Interconnection, LLC	Not Applicable
DeVita	Thomas	PJM Interconnection, LLC	Not Applicable
DiSciullo	Nicholas	PJM Interconnection, LLC	Not Applicable



Downs	Jere	PJM Interconnection, LLC	Not Applicable
Drauschak	Lisa	PJM Interconnection, LLC	Not Applicable
Dumitriu	Nick	PJM Interconnection, LLC	Not Applicable
Egan	Amanda	PJM Interconnection, LLC	Not Applicable
Endress	Eric	PJM Interconnection, LLC	Not Applicable
Fabiano	Janell	PJM Interconnection, LLC	Not Applicable
Falin	Tom	PJM Interconnection, LLC	Not Applicable
Fan	Zhenyu	PJM Interconnection, LLC	Not Applicable
Foley	Pauline	PJM Interconnection, LLC	Not Applicable
Freeman	Jennifer	PJM Interconnection, LLC	Not Applicable
Genuario	Gabrielle	PJM Interconnection, LLC	Not Applicable
Glatz	Suzanne	PJM Interconnection, LLC	Not Applicable
Glazer	Craig	PJM Interconnection, LLC	Not Applicable
Greening	Michele	PJM Interconnection, LLC	Not Applicable
Guistwhite	Jeffrey	PJM Interconnection, LLC	Not Applicable
Haque	Asim	PJM Interconnection, LLC	Not Applicable
Hauske	Tom	PJM Interconnection, LLC	Not Applicable
Herel	Suzanne	PJM Interconnection, LLC	Not Applicable
Herman	Michael	PJM Interconnection, LLC	Not Applicable
Holter	Natasha	PJM Interconnection, LLC	Not Applicable
Horger	Tim	PJM Interconnection, LLC	Not Applicable
Hsia	Eric	PJM Interconnection, LLC	Not Applicable
Hugee	Jacqulynn	PJM Interconnection, LLC	Not Applicable
Keech	Adam	PJM Interconnection, LLC	Not Applicable
Kenney	Susan	PJM Interconnection, LLC	Not Applicable
Konowal	Richard	PJM Interconnection, LLC	Not Applicable
Kovler	Ed	PJM Interconnection, LLC	Not Applicable
LaRocque	Matt	PJM Interconnection, LLC	Not Applicable
Levitt	Andrew	PJM Interconnection, LLC	Not Applicable
Lu	Chenchao	PJM Interconnection, LLC	Not Applicable
McElwaine	Kathy	PJM Interconnection, LLC	Not Applicable
McGlynn	Paul	PJM Interconnection, LLC	Not Applicable
McLaverty	Megan	PJM Interconnection, LLC	Not Applicable
Monzon	Stephanie	PJM Interconnection, LLC	Not Applicable
Mooney	Molly	PJM Interconnection, LLC	Not Applicable
Morelli	Lisa	PJM Interconnection, LLC	Not Applicable
Murphy	Shaun	PJM Interconnection, LLC	Not Applicable
O'Brien	Tom	PJM Interconnection, LLC	Not Applicable
O'Hara	Christopher	PJM Interconnection, LLC	Not Applicable
Patel	Anita	PJM Interconnection, LLC	Not Applicable



Phillips	Darlene	PJM Interconnection, LLC	Not Applicable
Pilong	Christopher	PJM Interconnection, LLC	Not Applicable
Pilong	Melissa	PJM Interconnection, LLC	Not Applicable
Salmon	Lisa	PJM Interconnection, LLC	Not Applicable
Sarti	Dan	PJM Interconnection, LLC	Not Applicable
Scheidecker	Paul	PJM Interconnection, LLC	Not Applicable
Schmitt	Jeffrey	PJM Interconnection, LLC	Not Applicable
Schuyler	Ken	PJM Interconnection, LLC	Not Applicable
Seiler	Ken	PJM Interconnection, LLC	Not Applicable
Shields	Jeffrey	PJM Interconnection, LLC	Not Applicable
Snow	JIm	PJM Interconnection, LLC	Not Applicable
Souder	David	PJM Interconnection, LLC	Not Applicable
Stanisz	Mark	PJM Interconnection, LLC	Not Applicable
Swimm	Nora	PJM Interconnection, LLC	Not Applicable
Thomas	Jack	PJM Interconnection, LLC	Not Applicable
Tribulski	Jennifer	PJM Interconnection, LLC	Not Applicable
Ward	Michael	PJM Interconnection, LLC	Not Applicable
Warshel	Kim	PJM Interconnection, LLC	Not Applicable
Wynder	Michael	PJM Interconnection, LLC	Not Applicable