

Markets & Reliability Committee
PJM Conference and Training Center / WebEx
September 21, 2022
9:00 a.m. – 12:10 p.m. EPT

Administration

Stu Bresler and David Anders welcomed stakeholders and provided the Anti-trust, Code of Conduct, and Meeting Participation announcements. Michele Greening provided an update on plans for the Annual Meeting, Part II to be held October 24-26, 2022 at the Hyatt Chesapeake in Cambridge, MD.

Consent Agenda

Items A through G were **approved/endorsed** by acclamation with no objections and one abstention:

- A. Minutes of the August 24, 2022 meeting of the Markets and Reliability Committee (MRC).
- B. Proposed revisions to Manual 10: Pre-Scheduling Operations, Manual 12: Balancing Operations, and Manual 13: Emergency Operations to address the Reserve Price Formation implementation.
[Issue Tracking: Energy Price Formation](#)
- C. Proposed revisions to Manual 14D: Generator Operational Requirements and Manual 13: Emergency Operation as associated with NERC standards EOP-011 – Emergency Preparedness and Operations, IRO-010 – Reliability Coordinator Data Specification and Collection, and TOP-003 – Operational Reliability Data will be performed.
- D. Proposed revisions to Manual 15: Cost Development Guidelines to address the Reserve Price Formation implementation and to address changes resulting from the Manual's periodic review process.
[Issue Tracking: Energy Price Formation](#)
- E. Conforming revisions to Manual 10: Pre-Scheduling Operations, Manual 14D: Generator Operational Requirements, and Manual 18: PJM Capacity Market to support the recent hybrid resources FERC filing (Docket No. ER22-1420).
[Issue Tracking: Solar-Battery Hybrid Resources](#)
- F. Proposed revisions to Manual 18: PJM Capacity Market and Manual 18B: Energy Efficiency Measurement & Verification resulting from the periodic review process.
- G. Proposed revisions to Manual 27: Open Access Transmission Tariff Accounting, Manual 28: Operating Agreement Accounting, and Manual 29: Billing to address the Reserve Price Formation implementation.
[Issue Tracking: Energy Price Formation](#)

Endorsements

1. Reserve Price Formation Manual Revisions

A. Damon Fereshetian and Michael Olaleye reviewed proposed revisions to Manual 11: Energy & Ancillary Services Market Operations to address the Reserve Price Formation implementation, including proposed amendments identified after the first read to address items raised by the Market Monitor related to clarifications, reserve market capability for hydropower resources, and deselection of reserve resources in real-time.

B. Joe Bowring, IMM, provided perspectives on Manual 11 revisions.

There were no objections to the proposed amendments, and following discussion, the proposal was **endorsed** by acclamation with no objections or abstentions.

[Issue Tracking: Energy Price Formation](#)

2. Bankruptcy Protections

Eric Scherling reviewed a solution package and corresponding Tariff revisions addressing bankruptcy protections. Following discussion, the proposal was **endorsed** by acclamation with no objections and one abstention.

[Issue Tracking: Bankruptcy Protections](#)

3. Market Seller Offer Cap

Pat Bruno reviewed Market Seller Offer Cap PJM's proposed solution endorsed by the Resource Adequacy Senior Task Force (RASTF) as the Main Motion. Tom Hoatson, LS Power, reviewed a proposed solution as the Alternative Motion.

Following discussion the main motion **failed** in a sector weighted vote with 2.990 in favor. The alternative motion also **failed** in a sector weighted vote with 2.828 in favor.

[Issue Tracking: Capacity Market Reform](#)

First Readings

4. 2022 Installed Reserve Margin Study Results

Patricio Rocha Garrido reviewed the 2022 Reserve Requirement Study results (IRM and FPR). The committee will be asked to endorse the study results at its next meeting.

5. Fuel Requirements for Black Start Resources

Janell Fabiano provided background and an overview of the voting results for this issue. Dan Bennett reviewed the proposed solution. The committee will be asked to endorse the proposed solution and corresponding Tariff and Manual revisions at its next meeting.

[Issue Tracking: Fuel Requirements for Black Start Resources](#)

6. Operating Reserve Clarification for Resources Operating as Requested by PJM

Lisa Morelli reviewed proposed revisions to Manual 28: Operating Agreement Accounting to remove an Operating Reserve rule for Combustion Turbine (CT) units. The committee will be asked to endorse the revisions to Manual 28 at its next meeting.

[Issue Tracking: Operating Reserve Clarification for Resources Operating as Requested by PJM](#)

7. Maximum Emergency Changes for Resource Limitation Reporting

This item was moved to the committee’s October meeting.

8. Internal NITS Process

Susan McGill reviewed a proposed solution and corresponding Tariff revisions addressing the Internal Network Integration Transmission Service (NITS) Process. The committee will be asked to endorse the proposed solution and Tariff revisions at its next meeting.

[Issue Tracking: Internal Network Integration Transmission \(NITS\) Process](#)

9. Residential Customer Measurement and Verification for Demand Response

Ken Schisler, CPower, reviewed a Problem Statement and Issue Charge addressing Residential Customer Measurement and Verification for Demand Response. The committee will be asked to approve the Issue Charge at its next meeting.

10. Copy PJM with Members’ Governing Documents Filings

Steve Pincus reviewed a proposed Problem Statement and Issue Charge addressing a copy to PJM of Members’ Tariff initial rate and waiver filings under PJM Governing Agreements. The committee will be asked to approve the Issue Charge at its next meeting.

11. Manuals

A. Darrell Frogg reviewed proposed revisions to Manual 39: Nuclear Plant Interface Coordination as a part of the periodic review. The committee will be asked to endorse the proposed changes 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		
<i>October 24, 2022</i>	1:00 p.m.	Hyatt Regency Chesapeake Bay Golf Resort, Spa and Marina in Cambridge, MD	October 12, 2022	October 17, 2022
<i>November 16, 2022</i>	9:00 a.m.	PJM Conference & Training Center and WebEx	November 4, 2022	November 9, 2022
<i>December 21, 2022</i>	9:00 a.m.	PJM Conference & Training Center and WebEx	December 9, 2022	December 14, 2022

Author: D. Anders

Attendance

Chair/Secretary

Last Name	First Name	Company	Sector
Bresler	Stu	PJM Interconnection LLC	Not Applicable
Anders	Dave	PJM Interconnection LLC	Not Applicable

Voting Attendees

Last Name	First Name	Company	Sector
Barker	Jason	Constellation Energy Generation, LLC	Generation Owner
Benckek	James	Monongahela Power Company d/b/a Allegheny Power	Transmission Owner
Bleiweis	Bruce	DC Energy, LLC	Other Supplier
Borgatti	Michael	Newark Energy Center, LLC	Generation Owner
Borgatti	Michael	Longview Power, LLC	Generation Owner
Borgatti	Michael	Moxie Freedom LLC	Generation Owner
Borgatti	Michael	Hazleton Generation LLC	Generation Owner
Borgatti	Michael	York County Solid Waste and Refuse Authority	Generation Owner
Borgatti	Michael	Jersey Green Energy, LLC	Other Supplier
Borgatti	Michael	NextEra Energy Marketing, LLC	Other Supplier
Borgatti	Michael	Energy Harbor LLC	Generation Owner
Borgatti	Michael	Recurrent Energy, LLC	Other Supplier
Brodbeck	John	EDP Renewables North America LLC	Generation Owner
Bruce	Susan	Air Products & Chemicals, Inc.	End-Use Customer
Bruce	Susan	Lehigh Portland Cement Company	End-Use Customer
Bruce	Susan	Linde Inc.	End-Use Customer
Bruce	Susan	MeadWestvaco Corporation	End-Use Customer
Bruce	Susan	Cleveland-Cliffs Steel LLC	End-Use Customer
Bruce	Susan	Letterkenny Industrial Development Authority - PA	Electric Distributor
Bruce	Susan	Industrial Energy Users-Ohio	Other Supplier
Bruce	Susan	Wellsboro Electric Company	Electric Distributor
Bruce	Susan	Procter & Gamble Paper Products Company (The)	End-Use Customer
Bruce	Susan	Kimberly-Clark Corporation	Generation Owner
Bruce	Susan	Messer LLC	End-Use Customer
Bruce	Susan	Trustees of the University of Pennsylvania	End-Use Customer
Bruce	Susan	Gerdau Ameristeel Energy, Inc.	End-Use Customer
Canter	David	Appalachian Power Company	Transmission Owner
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
Dorner	Amber	Rockland Electric Company	Transmission Owner
Dugan	Chuck	East Kentucky Power Cooperative, Inc.	Transmission Owner
Esquivel	Manuel	Centrica Business Solutions Optimize, LLC	Other Supplier
Esquivel	Manuel	Enel X North America, Inc.	Other Supplier
Fishback	Luke	Affirmed Energy LLC	Other Supplier
Foladare	Kenneth	Geenex Solar LLC	Other Supplier
Ford	Adrien	Old Dominion Electric Cooperative	Electric Distributor
Fuess	Christian	PBF Power Marketing, LLC	End-Use Customer
Fuess	Christian	Diamond State Generation Partners, LLC	Generation Owner
Fuess	Christian	Kuehne Chemical Company, Inc.	End-Use Customer
Fuess	Christian	Icetec.com, Inc.	Other Supplier
Fuess	Christian	NextPower III US Holdco Inc.	Generation Owner
Heinle	Frederick	Office of the People's Counsel for the District of Columbia	End-Use Customer
Hoatson	Tom	Riverside Generating Company, L.L.C.	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
Hyzinski	Thomas	Carroll County Energy LLC	Generation Owner
Hyzinski	Thomas	GenOn Energy Management, LLC	Generation Owner
Hyzinski	Thomas	Dynegy Marketing and Trade, LLC	Generation Owner
Janicki	Diane	Boston Energy Trading and Marketing LLC	Other Supplier
Jardot	Gina	NRG Power Marketing LLC	Generation Owner
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	Thurmont Municipal Light Company	Electric Distributor
Johnson	Carl	Town of Williamsport (The)	Electric Distributor
Johnson	Carl	WPPI Energy	Other Supplier
Johnson	Carl	Borough of Mont Alto, Pennsylvania	Electric Distributor
Johnson	Carl	Blue Ridge Power Agency, Inc.	Electric Distributor
Johnson	Carl	Borough of Chambersburg	Electric Distributor
Keenan	Matthew	Elwood Energy, LLC	Generation Owner
Kelly	Stephen	Brookfield Renewable Trading and Marketing LP	Other Supplier
Long	Scott	Allegheny Electric Cooperative, Inc.	Electric Distributor
Midgley	Sharon	Exelon Business Services Company, LLC	Transmission Owner
Nix	Emma	Leeward Asset Management, LLC	Generation Owner
Pakela	Greg	DTE Energy Trading, Inc.	Other Supplier
Poulos	Greg	New Jersey Division of Rate Counsel	End-Use Customer
Poulos	Greg	Maryland Office of People's Counsel	End-Use Customer
Poulos	Greg	Ohio Consumers' Counsel	End-Use Customer
Poulos	Greg	Pennsylvania Office of Consumer Advocate	End-Use Customer
Poulos	Greg	Delaware Division of the Public Advocate	End-Use Customer
Poulos	Greg	Illinois Citizen Utility Board	End-Use Customer
Poulos	Greg	Indiana Office of Utility Consumer Counselor (IN OUCC)	End-Use Customer
Poulos	Greg	Office of the Attorney General, Kentucky	End-Use Customer
Rohrbach	John	Southern Maryland Electric Cooperative, Inc.	Electric Distributor
Rohrbach	John	Kentucky Municipal Energy Agency	Electric Distributor
Rohrbach	John	Big Savage, LLC	Generation Owner
Rohrbach	John	Wabash Valley Power Association, Inc.	Electric Distributor
Scarpignato	David	Calpine Energy Services, L.P.	Generation Owner
Stern	Alex	Public Service Electric and Gas Company	Transmission Owner
Stupar	Rob	Invergy Energy Management LLC	Generation Owner
Sturgeon	John	Duke Energy Business Services LLC	Transmission Owner
Swalwell	Bradley	Tangent Energy Solutions, Inc.	Other Supplier
Swigonski	Frank	Pine Gate Mid-Atlantic, LLC	Other Supplier
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 Seaside Heights, New Jersey	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 Park Ridge, New Jersey	Electric Distributor
Vayda	Brian	Borough of Lavallette, New Jersey	Electric Distributor
Whitehead	Jeffrey	Eastern Generation, LLC	Generation Owner
Whitehead	Jeffrey	Wheelabrator Falls Inc.	Generation Owner
Whitehead	Jeffrey	Essential Power Rock Springs, LLC	Generation Owner
Yovanovich	Laura	PPL Electric Utilities Corporation d/b/a PPL Utilities	Transmission Owner

Non-Voting Attendees

Last Name	First Name	Company Name	Sector
Baker	Jeff	Duke Energy Business Services LLC	Transmission Owner
Barrow	Kimberly	Pennsylvania Public Utility Commission	Not Applicable
Batta	Mike	Virginia Electric & Power Company	Transmission Owner
Bautista	Alejandro	Exelon Business Services Company, LLC	Transmission Owner
Berton	Tyler	AEP Appalachian Transmission Company, Inc.	Transmission Owner
Bowring	*Joe	Monitoring Analytics LLC	Not Applicable
Breidenbaugh	Aaron	Centrica Business Solutions Optimize, LLC	Other Supplier
Burkholder	Joshua	AEP Appalachian Transmission Company, Inc.	Transmission Owner
Canter	David	Appalachian Power Company	Transmission Owner
Carmean	Gregory	OPSI	Not Applicable
Carson	Donna	East Kentucky Power Cooperative, Inc.	Transmission Owner
Chambers	Ericka	Exelon Business Services Company, LLC	Transmission Owner
Chang	Sean	Shell Energy North America (US), L.P.	Other Supplier
Christopher	Mahila	Public Utilities Commission Of Ohio	Not Applicable
Cocco	Michael	Old Dominion Electric Cooperative	Electric Distributor
Colaresi	Chandra	Cpower	Not Applicable
Conklin	Tyler	Public Utilities Commission Of Ohio	Not Applicable
Corash	Richard	Public Service Electric and Gas Company	Transmission Owner
Davies	Morgan	Energy Authority, Inc. (The)	Other Supplier
Davis	Jim	Virginia Electric & Power Company	Transmission Owner
Dillon	Matt	UGI Development Company	Generation Owner
Dorko	Keri	Monitoring Analytics LLC	Not Applicable
Dorner	Amber	Rockland Electric Company	Transmission Owner
Drom	Rick	Rad Llc	Not Applicable
Duensing	Allison	Saracen Energy East LP	Other Supplier
Dugan	Chuck	East Kentucky Power Cooperative, Inc.	Transmission Owner
Esquivel	Manuel	Enel X North America, Inc.	Other Supplier
Eyocko	Jackynicole	FERC	Not Applicable
Filomena	Guy	Customized Energy Solutions, Ltd.	Not Applicable
Fink	Sari	American Clean Power	Not Applicable
Fishback	Luke	Affirmed Energy LLC	Other Supplier
Ford	Adrien	Old Dominion Electric Cooperative	Electric Distributor
Foster	Denise	East Kentucky Power Cooperative, Inc.	Transmission Owner
Gebolys	Debbie	Public Utilities Commission Of Ohio	Not Applicable
Gilani	Rehan	Consolidated Edison Energy, Inc.	Other Supplier
Gordon	Jon	Advanced Energy Economy	Not Applicable
Gorman	Chris	DV Trading, LLC	Other Supplier
Gorman	Brad	Energy Harbor LLC	Generation Owner
Greene	Ben	AEP Appalachian Transmission Company, Inc.	Transmission Owner
Greiner	Gary	Public Service Electric and Gas Company	Transmission Owner
Guntle	Vince	American PowerNet Management, L.P.	End-Use Customer
Guy	Gary	Exelon Business Services Company, LLC	Transmission Owner
Halay	Alina	FERC	Not Applicable
Hastings	David	DHAST Co.	Not Applicable
Heidorn	Rich	Rto Insider	Not Applicable
Hugee	Jacquelynn	Minion Energy	Not Applicable

Hull	Gerit	American Municipal Power, Inc.	Electric Distributor
Hyzinski	Tom	GT Power Group, LLC	Not Applicable
Iler	Art	Indiana Office of Utility Consumer Counselor (IN OUCC)	Not Applicable
Jett	William	Duke Energy Business Services LLC	Transmission Owner
Johnson	Carl	Customized Energy Solutions, Ltd.	Not Applicable
Jones	Scott	Indiana Office of Utility Consumer Counselor (IN OUCC)	Not Applicable
Kayne	Sam	Delaware Public Service Commission	Not Applicable
Keenan	Matthew	Elwood Energy, LLC	Generation Owner
Kent	Janessa	Duquesne Light Company	Transmission Owner
Knotts	Pam	Delaware Public Service Commission	Not Applicable
Koepflinger	Alexandria	Michigan Public Service Commission	Not Applicable
Laios	Takis	Appalachian Power Company	Transmission Owner
Leith-Yessian	Devin	Rto Insider	Not Applicable
Liang-Nicol	Cecilia	Energy Harbor LLC	Generation Owner
Long	Scott	Allegheny Electric Cooperative, Inc.	Electric Distributor
Louwahi	Soufiane	Epe Consulting	Not Applicable
Martin	Valerie	FERC	Not Applicable
Mason	Gary	Energy Harbor LLC	Generation Owner
Matheson	Eric	Delaware Public Service Commission	Not Applicable
Matuszak	Alex	Ugi Energy Services, LLC	Other Supplier
McDewell	Christian	Pennsylvania Public Utility Commission	Not Applicable
Miller	John	Commonwealth Edison Company	Transmission Owner
Mooney	Jeff	Energy Harbor LLC	Generation Owner
Moyo	Edwin	Charles River Associates	Not Applicable
Nadel	Steven	PPL Electric Utilities Corporation d/b/a PPL Utilities	Transmission Owner
Nix	Emma	Leeward Asset Management, LLC	Generation Owner
Ondayko	Brock	AEP Appalachian Transmission Company, Inc.	Transmission Owner
Pakela	Gregory	DTE Energy Trading, Inc.	Other Supplier
Parrot	Sarah	Public Utilities Commission Of Ohio	Not Applicable
Price	Ruth	Delaware Division of the Public Advocate	End-Use Customer
Procnuiar	Jason	Buckeye Power, Inc.	Electric Distributor
Rainey	Frank	PEI Power LLC	Generation Owner
Redwine	Arlo	FERC	Not Applicable
Robinson	Becky	Vistra	Not Applicable
Rohrbach	John	Southern Maryland Electric Cooperative, Inc.	Electric Distributor
Rutledge	Craig	Appalachian Power Company	Transmission Owner
Sasser	Jonathan	Customized Energy Solutions, Ltd.	Not Applicable
Scheidecker	Paul	Monitoring Analytics LLC	Not Applicable
Schisler	Ken	Enel X North America, Inc.	Other Supplier
Shegarfi	Roosbeh	Exelon Business Services Company, LLC	Transmission Owner
Smith	Kara	Buckeye Power, Inc.	Electric Distributor
Sotkiewicz	Paul	E-Cubed Policy Associates, LLC	Not Applicable
Spencer	Douglas	Southeastern Power Administration	Other Supplier
Stepar	Rob	Invenergy, LLC	Generation Owner
Stone	Andy	Gabel Associates	Not Applicable
Sturgeon	John	Duke Energy Business Services LLC	Transmission Owner
Svenson	Heather	Public Service Electric and Gas Company	Transmission Owner
Swalwell	Brad	Tangent Energy Solutions, Inc.	Other Supplier
Thomas	Amber	Exelon Business Services Company, LLC	Transmission Owner
Tubridy	Meg	Rockland Electric Company	Transmission Owner
Vargo	Daniel	Allegheny Electric Cooperative, Inc.	Electric Distributor
Walker	Jennifer	Exelon Business Services Company, LLC	Transmission Owner
Wangdi	Tsering	TransAlta Energy Marketing (U.S.) Inc.	Other Supplier
Webb	Becky	Exelon Business Services Company, LLC	Transmission Owner
Wehnes	Kathleen	Maryland Department Of The Environment	Not Applicable
Weiser	Spencer	Cra	Not Applicable

Wilson	James	Wilson Energy Economics	Not Applicable
Yochelson	Cheri	Virginia Electric & Power Company	Transmission Owner

PJM Attendees

Last Name	First Name	Company	Sector
Bielak	Donnie	PJM Interconnection LLC	Not Applicable
Blackwell	Terry	PJM Interconnection LLC	Not Applicable
Boyle	Glen	PJM Interconnection LLC	Not Applicable
Chmielewski	Brian	PJM Interconnection LLC	Not Applicable
Connell	Jason	PJM Interconnection LLC	Not Applicable
Croop	Danielle	PJM Interconnection LLC	Not Applicable
Dantonio	Phil	PJM Interconnection LLC	Not Applicable
D'Antonio	Phil	PJM Interconnection LLC	Not Applicable
Dropkin	Ilyana	PJM Interconnection LLC	Not Applicable
Egan	Amanda	PJM Interconnection LLC	Not Applicable
Fitzpatrick	Brian	PJM Interconnection LLC	Not Applicable
Freeman	Jennifer	PJM Interconnection LLC	Not Applicable
Frogg	Darrell	PJM Interconnection LLC	Not Applicable
Gates	Jill	PJM Interconnection LLC	Not Applicable
Glazer	Craig	PJM Interconnection LLC	Not Applicable
Gluck	Jim	PJM Interconnection LLC	Not Applicable
Haque	Asim	PJM Interconnection LLC	Not Applicable
Hatch	Kevin	PJM Interconnection LLC	Not Applicable
Hauske	Thomas	PJM Interconnection LLC	Not Applicable
Herrera	Maria	PJM Interconnection LLC	Not Applicable
Hicks	Colleen	PJM Interconnection LLC	Not Applicable
Holter	Natasha	PJM Interconnection LLC	Not Applicable
Horger	Timothy	PJM Interconnection LLC	Not Applicable
Hsia	Eric	PJM Interconnection LLC	Not Applicable
Kelly	Gwen	PJM Interconnection LLC	Not Applicable
Kimmel	David	PJM Interconnection LLC	Not Applicable
Lai	Erin	PJM Interconnection LLC	Not Applicable
Langbein	Pete	PJM Interconnection LLC	Not Applicable
Lee	Ray	PJM Interconnection LLC	Not Applicable
Levitt	Andrew	PJM Interconnection LLC	Not Applicable
Loebl	Margaret	PJM Interconnection LLC	Not Applicable
Loebl	Margo	PJM Interconnection LLC	Not Applicable
Loftus	Chad	PJM Interconnection LLC	Not Applicable
Marcino	Angelo	PJM Interconnection LLC	Not Applicable
Martin	Amanda	PJM Interconnection LLC	Not Applicable
Marzewski	Skyler	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
Morelli	Lisa	PJM Interconnection LLC	Not Applicable
O'Brien	Tom	PJM Interconnection LLC	Not Applicable
O'Neill	Jack	PJM Interconnection LLC	Not Applicable
Pilong	Melissa	PJM Interconnection LLC	Not Applicable
Rocha	Patricio	PJM Interconnection LLC	Not Applicable
Schweizer	David	PJM Interconnection LLC	Not Applicable
Schweizer	David	PJM Interconnection LLC	Not Applicable
Shah	Vijay	PJM Interconnection LLC	Not Applicable
Souder	Rich	PJM Interconnection LLC	Not Applicable
Stadelmeyer	Rebecca	PJM Interconnection LLC	Not Applicable
Stanisz	Mark	PJM Interconnection LLC	Not Applicable
Stemetzki	Mike	PJM Interconnection LLC	Not Applicable



Minutes

Stenafowicz	Vincent	PJM Interconnection LLC	Not Applicable
Swimm	Nora	PJM Interconnection LLC	Not Applicable
Swimm	Nora	PJM Interconnection LLC	Not Applicable
Tacka	Natalie	PJM Interconnection LLC	Not Applicable
Waweru	James	PJM Interconnection LLC	Not Applicable
Ylai	Erin	PJM Interconnection LLC	Not Applicable