

## Markets and Reliability Committee

Webex Only

April 21, 2021

9:00 a.m. – 11:45 a.m.

### Administration

Stu Bresler and Dave Anders welcomed stakeholders and provided the Anti-trust, Code of Conduct, and Meeting Participation announcements.

Dave Anders also discussed the methodology to be used for election of candidates for the PJM Board of Managers at the May 3, 2021 Members Committee meeting.

Stu Bresler noted that voting on the proposed solutions to address the Mitigation of future CIP-014 facilities in item 3 will be deferred to a future meeting. He also noted that an expected FERC order regarding the implementation of PJM's Fast Start compliance filing has not yet been received, and therefore item 6.B has been removed from this agenda.

Steve Lieberman, AMP, and David Scarpignato, Calpine, requested an amendment to the agenda to provide a first read of an Issue Charge entitled "MOPR Reform and Resource Adequacy" with a request to vote at first read. Following discussion, they withdrew their request. A separate meeting will be scheduled as soon as practicable to facilitate stakeholder discussion of potential scope for a stakeholder process to address capacity market issues in addition to those within the scope of the current Critical Issue Fast Path – Minimum Offer Price Rule process.

### Consent Agenda

Items A and B were **approved/endorsed** by acclamation with no objections and one abstention to item A:

- A. Minutes of the March 29, 2021 meeting of the Markets and Reliability Committee (MRC).
- B. Proposed revisions to Manual 14D: Generator Operational Requirements, Section 5.3.7 regarding the Resource Tracker Ownership Confirmation Requirement.

[Issue Tracking: Resource Tracker Ownership Confirmation Requirement](#)

### Endorsements/ Approvals

#### 1. Long-Term 5-Minute Dispatch & Pricing

Aaron Baizman reviewed the proposed solution and associated Tariff revisions addressing the Long-Term Five Minute Dispatch & Pricing changes. Following discussion, the committee **endorsed** the proposal by acclamation with no objections or abstentions. Stu Bresler noted that Members Committee endorsement would be sought on the same day.

[Issue Tracking: Five Minute Dispatch and Pricing](#)

## 2. Capital Recovery Factor for Avoidable Project Investment Cost Determinations

Jeff Bastian reviewed the proposed solution and associated Tariff revisions addressing the Capital Recovery Factor for Avoidable Project Investment Cost Determinations. Following discussion, the committee **endorsed** the proposal by acclamation with no objections or abstentions. Stu Bresler noted that Members Committee endorsement would be sought on the same day.

[Issue Tracking: Capital Recover Factor \(CRF\) for Avoidable Project Investment Cost Determinations \(APIR\)](#)

## 3. Critical Infrastructure Stakeholder Oversight (CISO)

Christina Stotesbury provided an overview of the CISO work activities and timeline.

Alex Stern, PSEG, moved and Robert Taylor, Exelon, seconded deferring to a specific time voting on the Mitigation proposal; the specific point in time being additional consideration of the Planning Committee (PC) and affirmative vote of the PC before a Mitigation proposal could be brought back to the MRC for voting. The motion to defer to a specific point in time was **approved** in a sector-weighted vote with 3.37 in favor.

Greg Poulos, on behalf of the Delaware Division of the Public Advocate, moved and seconded on behalf of the DC Office of the Peoples' Counsel, deferring voting on the Avoidance proposal until the May 26, 2021 meeting of the committee. The motion to defer to a specific point in time was **approved** in a sector-weighted vote with 3.94 in favor.

[Issue Tracking: Critical Infrastructure Stakeholder Oversight](#)

## First Readings

### 4. New Service Requests Deficiency Review Requirements

Jason Connell provided a first read of a proposed solution to address new service requests deficiency review requirements. The committee will be asked to approve the proposed solution and Tariff revisions at its next meeting.

### 5. Public Distribution Microgrids

Natalie Tacka reviewed proposed revisions to Manual 11: Energy & Ancillary Services Market Operations, Manual 14D: Generator Operational Requirements and Manual 18: PJM Capacity Market addressing Public Distribution Microgrids. The committee will be asked to endorse the revisions at its next meeting.

### 6. PJM Manuals

A. Lagy Mathew reviewed proposed revisions to Manual 03: Transmission Operations resulting from the periodic cover to cover review. The committee will be asked to endorse the revisions at its next meeting.

B. This item was deferred to a future meeting.

- C. Jerry Bell reviewed proposed revisions to Manual 21: Rules and Procedures for Determination of Generating Capability resulting from its biennial cover to cover review. The committee will be asked to endorse the revisions at its next meeting.
- D. Rich Brown reviewed proposed revisions to Manual 36: System Restoration resulting from its annual update requirement. The committee will be asked to endorse the revisions at its next meeting.

## Informational Reports

### 7. Posting Timeline Trial Period

Michele Greening reviewed information related to a proposed posting timeline trial period.

## Informational Only

### 8. Manual 01: Control Center and Data Exchange

The periodic review of Manual 01: Control Center and Data Exchange was completed with no required edits identified.

### 9. PJM Manual 03 Attachment E Automatic Sectionalizing Schemes

The PJM Manual 03 Attachment E Automatic Sectionalizing Schemes Pending Approval and Recent Changes document has been posted as an Information Only item to the April MRC meeting website.

### 10. PKI Certificate Based Authentication

On May 4, 2021 at 4:00 p.m. EPT, PJM will be implementing a Public Key Infrastructure (PKI) certificate based authentication to PJM's OASIS and ExSchedule applications in order to comply with the North American Energy Standards Board (NAESB) version 3.2 requirements. Please reference posted materials for more information.

## Future Agenda Items (11:45)

No new future agenda items were identified.

## Future Meeting Dates

May 26, 2021	9:00 a.m.	WebEx
June 23, 2021	9:00 a.m.	WebEx
July 28, 2021	9:00 a.m.	WebEx
August 25, 2021	9:00 a.m.	WebEx
September 29, 2021	9:00 a.m.	WebEx
October 20, 2021	9:00 a.m.	WebEx
November 17, 2021	9:00 a.m.	WebEx
December 15, 2021	9:00 a.m.	WebEx

Author: D. Anders

## Meeting Attendance

### Chair/Secretary

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

### Voting Attendees

Last Name	First Name	Company	Sector
Barker	Jason	Exelon Business Services Company, LLC	Transmission Owner
Benchek	Jim	American Transmission Systems, Inc.	Transmission Owner
Bleiweis	Bruce	DC Energy, LLC	Other Supplier
Borgatti	Michael	Rep'g Newark Energy Center, LLC	Generation Owner
Borgatti	Michael	Rep'g York County Solid Waste and Refuse Authority	Generation Owner
Borgatti	Michael	Rep'g Carolina Solar Energy III, LLC	Other Supplier
Borgatti	Michael	Rep'g Jersey Green Energy, LLC	Other Supplier
Borgatti	Michael	Rep'g Recurrent Energy, LLC	Generation Owner
Borgatti	Michael	Rep'g NextEra Energy Marketing, LLC	Other Supplier
Borgatti	Michael	Rep'g Moxie Freedom LLC	Generation Owner
Borgatti	Michael	Rep'g Hazleton Generation LLC	Generation Owner
Borgatti	Michael	Rep'g Longview Power, LLC	Generation Owner
Brodbeck	John	EDP Renewables North America LLC	Generation Owner
Bruce	Susan	Rep'g Letterkenny Industrial Development Authority - PA	Electric Distributor
Bruce	Susan	Rep'g Messer LLC	End-Use Customer
Bruce	Susan	Rep'g MeadWestvaco Corporation	End-Use Customer
Bruce	Susan	Rep'g Kimberly-Clark Corporation	Generation Owner
Bruce	Susan	Rep'g Gerdau Ameristeel Energy, Inc.	End-Use Customer
Bruce	Susan	Rep'g Wellsboro Electric Company	Electric Distributor
Bruce	Susan	Rep'g Procter & Gamble Paper Products Company (The)	End-Use Customer
Bruce	Susan	Rep'g Linde Inc.	End-Use Customer
Bruce	Susan	Rep'g Lehigh Portland Cement Company	End-Use Customer
Bruce	Susan	Rep'g Air Products & Chemicals, Inc.	End-Use Customer
Bruce	Susan	Rep'g Industrial Energy Users-Ohio	Other Supplier
Bruce	Susan	Rep'g Cleveland-Cliffs Steel LLC	End-Use Customer
Bruce	Susan	Rep'g Trustees of the University of Pennsylvania	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
Dugan	Chuck	East Kentucky Power Cooperative, Inc.	Transmission Owner
Ford	Adrien	Old Dominion Electric Cooperative	Electric Distributor
Fuess	Christian	Rep'g Icetec.com, Inc.	Other Supplier
Fuess	Christian	Rep'g Kuehne Chemical Company, Inc.	End-Use Customer
Fuess	Christian	Rep'g Diamond State Generation Partners, LLC	Generation Owner
Fuess	Christian	Rep'g PBF Power Marketing, LLC	Generation Owner
Fuess	Christian	Rep'g NextPower III US Holdco Inc.	Generation Owner
Garnett	Bryan	Duke Energy Business Services LLC	Transmission Owner
Hastings	David	Rep'g Saracen Energy East LP	Other Supplier
Hastings	David	Rep'g Northstar Trading Ltd.	Other Supplier
Hastings	David	Rep'g SESCO Enterprises, LLC	Other Supplier
Hastings	David	Rep'g Solios Power Mid-Atlantic Trading, LLC	Other Supplier
Hoatson	Tom	Riverside Generating Company, L.L.C.	Generation Owner
Hohenshilt	Jennifer	Talen Energy Marketing, LLC	Generation Owner
Horstmann	John	Dayton Power & Light Company (The)	Transmission Owner
Hyzinski	Thomas	Rep'g GenOn Energy Management, LLC	Generation Owner
Hyzinski	Thomas	Rep'g Dynegy Marketing and Trade, LLC	Generation Owner
Hyzinski	Thomas	Rep'g Carroll County Energy LLC	Generation Owner

Islam	Lubaba	Rockland Electric Company	Transmission Owner
Jardot	Gina	NRG Power Marketing, LLC	Generation Owner
Johnson	Carl	Rep'g North Carolina Municipal Power Agency Number 1	Other Supplier
Johnson	Carl	Rep'g Indiana Municipal Power Agency	Electric Distributor
Johnson	Carl	Rep'g North Carolina Electric Membership Corporation	Electric Distributor
Johnson	Carl	Rep'g Michigan Public Power Agency	Generation Owner
Johnson	Carl	Rep'g Delaware Municipal Electric Corporation, Inc.	Electric Distributor
Johnson	Carl	Rep'g Borough of Mont Alto, Pennsylvania	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
Johnson	Carl	Rep'g Madison Gas & Electric Co.	Other Supplier
Johnson	Carl	Rep'g Blue Ridge Power Agency, Inc.	Electric Distributor
Johnson	Carl	Rep'g Borough of Chambersburg	Electric Distributor
Johnson	Carl	Rep'g Galt Power, Inc.	Other Supplier
Johnson	Carl	Rep'g Energy Cooperative Association of Pennsylvania (The)	Other Supplier
Johnson	Carl	Rep'g Northern Virginia Electric Cooperative (NOVEC)	Electric Distributor
Johnson	Carl	Rep'g Northern Illinois Municipal Power Agency	Electric Distributor
Johnson	Carl	Rep'g Allegheny Electric Cooperative, Inc.	Electric Distributor
Johnson	Carl	Rep'g Buckeye Power, Inc.	Electric Distributor
Johnson	Carl	Rep'g American Municipal 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 Hagerstown Light Department	Electric Distributor
Johnson	Carl	Rep'g Illinois Municipal Electric Agency	Electric Distributor
Johnson	Carl	Rep'g Easton Utilities Commission	Electric Distributor
Johnson	Carl	Rep'g Old Dominion Electric Cooperative	Electric Distributor
Keenan	Matthew	Elwood Energy, LLC	Generation Owner
Kelly	Stephen	Brookfield Renewable Trading and Marketing LP	Other Supplier
Kilgallen	Kevin	Avangrid Renewables, LLC	Generation Owner
Lieberman	Steven	American Municipal Power, Inc.	Electric Distributor
Long	Scott	Allegheny Electric Cooperative, Inc.	Electric Distributor
Pakela	Greg	DTE Energy Trading, Inc.	Other Supplier
Poulos	Greg	Rep'g West Virginia Consumer Advocate Division	End-Use Customer
Poulos	Greg	Rep'g New Jersey Division of Rate Counsel	End-Use Customer
Poulos	Greg	Rep'g Ohio Consumers' Counsel	End-Use Customer
Poulos	Greg	Rep'g Indiana Office of Utility Consumer Counselor (IN OUCC)	End-Use Customer
Poulos	Greg	Rep'g Office of the Attorney General, Kentucky	End-Use Customer
Poulos	Greg	Rep'g Michigan Department of Attorney General, Environment, Natural Resources, & Agriculture Division	End-Use Customer
Poulos	Greg	Rep'g Public Staff - North Carolina Utilities Commission	End-Use Customer
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 Office of the People's Counsel for the District of Columbia	End-Use Customer
Poulos	Greg	Rep'g Virginia Division of Consumer Counsel	End-Use Customer
Poulos	Greg	Rep'g Pennsylvania Office of Consumer Advocate	End-Use Customer
Poulos	Greg	Rep'g Maryland Office of People's Counsel	End-Use Customer
Robichaud	Donna	Geenex Solar LLC	Generation Owner
Rohrbach	John	Rep'g Wabash Valley Power Association, Inc.	Electric Distributor
Rohrbach	John	Rep'g Kentucky Municipal Energy Agency	Electric Distributor
Rohrbach	John	Rep'g Southern Maryland Electric Cooperative, Inc.	Electric Distributor
Rohrbach	John	Rep'g Big Savage, LLC	Generation Owner
Rooney	Alexa	PPL Electric Utilities Corporation d/b/a PPL Utilities	Transmission Owner
Scarpignato	David	Calpine Energy Services, L.P.	Generation Owner
Silveira	Fabiano	Strom Power, LLC	Other Supplier
Stern	Alex	Public Service Electric & Gas Company	Transmission Owner
Stewart	Travis	Rep'g Energy Harbor LLC	Generation Owner
Stewart	Travis	Rep'g York County Solid Waste and Refuse Authority	Generation Owner
Stewart	Travis	Rep'g Jersey Green Energy, LLC	Other Supplier
Stewart	Travis	Rep'g Longview Power, LLC	Generation Owner

Swalwell	Bradley	Tangent Energy Solutions, Inc.	Other Supplier
Whitehead	Jeffrey	Rep'g Wheelabrator Falls Inc.	Generation Owner
Whitehead	Jeffrey	Rep'g Neptune Regional Transmission System, LLC	Transmission Owner
Whitehead	Jeffrey	Rep'g Essential Power Rock Springs, LLC	Generation Owner
Whitehead	Jeffrey	Rep'g Eastern Generation, LLC	Generation Owner

## Non-Voting Attendees

Last Name	First Name	Company	Sector
Abend	Erik	EA Consulting	None
Bainbridge	Tom	Energy Harbor LLC	Generation Owner
Berton	Tyler	AEP Energy Partners, Inc.	Transmission Owner
Bleiweis	Bruce	DC Energy, LLC	Other Supplier
Bowring	Joe	Monitoring Analytics, LLC	None
Branch	John	SunCoke Energy, Inc.	Generation Owner
Callen	Zachary	Illinois Commerce Commission	None
Carmean	Gregory	OPSI	None
Carrado	Regina	Exelon Business Services Company, LLC	Transmission Owner
Cocco	Michael	Old Dominion Electric Cooperative	Electric Distributor
Coffey	Cecelia	The Federal Energy Regulatory Commission	None
Crystle	Gilbert	UGI Energy Services, LLC	Other Supplier
D'Alessandris	Lou	Energy Harbor LLC	Generation Owner
DeLosa	Joseph	DE Public Service Commission	None
Dillon	Matthew	UGI Development Company	Generation Owner
Drivas	Christina	Lightsource bp	None
Duensing	Allison	Saracen Energy East LP	Other Supplier
Elkins	Rachel	Energy Harbor LLC	Generation Owner
Ericson	Christine	Illinois Commerce Commission	None
Everngam	Scott	Blue Horseshoe Energy	None
Feller	John	PPL Electric Utilities Corporation d/b/a PPL Utilities	Transmission Owner
Filomena	Guy	Customized Energy Solutions, Ltd.*	None
Fishback	Luke	Affirmed Energy LLC	Other Supplier
Fitch	Neal	NRG Power Marketing, LLC	Generation Owner
Foster	Denise	East Kentucky Power Cooperative, Inc.	Transmission Owner
Gahimer	Michael	Indiana Office of Utility Consumer Counselor (IN OUCC)	End-Use Customer
Gates	Terry	AEP Appalachian Transmission Company, Inc.	Transmission Owner
Gebolys	Debbie	Public Utilities Commission of Ohio (The)	None
Gibbons	Jaret	ARIPPA	None
Gilani	Rehan	Consolidated Edison Company of New York, Inc.	Transmission Owner
Graham	Sophie	Adapt2 Solutions, Inc.	None
Hanser	Erik	Michigan Public Service Commission	None
Heinle	Frederick	Office of the People's Counsel for the District of Columbia	End-Use Customer
Heisey	Bradley	Wolf Hills Energy, LLC	Generation Owner
Heitmeyer	Chad	AEP Energy Partners, Inc.	Transmission Owner
Hollis	Gabriel	NextEra Energy Marketing, LLC	Other Supplier
Horning	Lynn	Customized Energy Solutions, Ltd.*	None
Hudis	Gabriella	Gabel Associates	None
Hull	Gerit	American Municipal Power, Inc.	Electric Distributor
Huntoon	Steve	Chesapeake Transmission LLC	Other Supplier
Iler	Arthur	Indiana Office of Utility Consumer Counselor (IN OUCC)	End-Use Customer
Janicki	Diane	Boston Energy Trading and Marketing LLC	Other Supplier
Jens	Tom	Black Oak Capital, LLC	Other Supplier
Jett	William	Duke Energy Business Services LLC	Transmission Owner
Johnston	David	Indiana Utility Regulatory Commission	None
Johnson	Ryan	American Electric Company	None
Kingston	Amber	Aces Power Marketing Inc.	None
Kogut	George	New York Power Authority	Other Supplier
Kozhuharov	Dimitar	Delaware Municipal Electric Corporation, Inc.	Electric Distributor
Lawson	Ryen	Dominion Energy Generation Marketing, Inc.	Generation Owner
Long	Scott	Allegheny Electric Cooperative, Inc.	Electric Distributor
Lousos	Alex	American Municipal Power, Inc.	Electric Distributor
Marcotte	Rebecca	Acciona Energy North America Corporation	Generation Owner

Markiewicz	Cindy	Energy Harbor LLC	Generation Owner
Martin	Valerie	The Federal Energy Regulatory Commission	None
Matuszak	Alex	UGI Energy Services, LLC	Other Supplier
Midgley	Sharon	Exelon Business Services Company, LLC	Transmission Owner
Nadel	Steven	PPL Electric Utilities Corporation d/b/a PPL Utilities	Transmission Owner
Nix	Emma	Gabel Associates	None
Okenfuss	James	Savion, LLC	None
Ondayko	Brock A.	AEP Energy Partners, Inc.	Transmission Owner
Patel	Anjali	Office of the People's Counsel for the District of Columbia	End-Use Customer
Pelletier	Eveline	H.Q. Energy Services (U.S.), Inc.	Other Supplier
Peoples	John	Duquesne Light Company	Transmission Owner
Phillips	Amanda	Wabash Valley Power Association, Inc.	Electric Distributor
Procuriar	Jason	Dayton Power & Light Company (The)	Transmission Owner
Rainey	Frank	PEI Power LLC	Generation Owner
Redwine	Arlo	The Federal Energy Regulatory Commission	None
Robichaud	Donna	Geenex	None
Rodriguez	Tomas	OPSI	None
Sasser	Jonathan	Customized Energy Solutions, Ltd.*	None
Schisler	Kenneth	Cpower Energy Management	None
Segner	Sharon	LS Power	None
Shah	Pulin	Exelon Business Services Company, LLC	Transmission Owner
Shanker	Roy	H.Q. Energy Services (U.S.), Inc.	Other Supplier
Silveira	Fabiano	Strom Power, LLC	Other Supplier
Sotkiewicz	Paul	E-Cubed Policy Advisors	None
Squibb	William	Ohio Valley Electric Corporation	Transmission Owner
Stone	Andy	Gabel Associates	None
Stupar	Rob	Invenergy, LLC	Generation Owner
Stuchell	Jeff	Energy Harbor LLC	Generation Owner
Sturgeon	John	Duke Energy Business Services LLC	Transmission Owner
Svenson	Heather	Public Service Electric & Gas Company	Transmission Owner
Swalwell	Brad	Tangent Energy Solutions, Inc.	Other Supplier
Sweeney	Rory	GT Power Group, LLC	None
Tangirala	Subha	Hitachi Power Grid	None
Taylor	Robert	Exelon Business Services Company, LLC	Transmission Owner
Thomas	Amber	Exelon Business Services Company, LLC	Transmission Owner
Thundiyil	Kevin	Exelon Business Services Company, LLC	Transmission Owner
Tyler	Catherine	Monitoring Analytics, LLC	None
Vargo	Daniel	Allegheny Electric Cooperative, Inc.	Electric Distributor
Wehnes	Kathrin	Maryland Public Service Commission	None
Willey	Amy	Delaware Public Service Commission	None
Wisersky	Megan	Madison Gas & Electric Co.	Other Supplier
Yoder	Michael	RTO Insider	None
Zemanek	Kevin	Buckeye Power, Inc.	Electric Distributor

## PJM Attendees

Last Name	First Name	Company	Sector
Almgren	Ake	PJM Interconnection, LLC	None
Asthana	Manu	PJM Interconnection, LLC	None
Baizman	Aaron	PJM Interconnection, LLC	None
Baizman	Arron	PJM Interconnection, LLC	None
Baker	Scott	PJM Interconnection, LLC	None
Bastian	Jeff	PJM Interconnection, LLC	None
Bastian	Jeff	PJM Interconnection, LLC	None
Bautista	Alejandro	PJM Interconnection, LLC	None
Bell	Jerry	PJM Interconnection, LLC	None
Berner	Aaron	PJM Interconnection, LLC	None
Bowker	Shannon	PJM Interconnection, LLC	None
Brown	Rich	PJM Interconnection, LLC	None
Bryson	Michael	PJM Interconnection, LLC	None
Buehler	Susan	PJM Interconnection, LLC	None
Burlew	Jim	PJM Interconnection, LLC	None

Connell	Jason	PJM Interconnection, LLC	None
D'Antonio	Phil	PJM Interconnection, LLC	None
Devita	Thomas	PJM Interconnection, LLC	None
Disciullo	Nick	PJM Interconnection, LLC	None
Drauschak	Lisa	PJM Interconnection, LLC	None
Dumitriu	Nick	PJM Interconnection, LLC	None
Egan	Amanda	PJM Interconnection, LLC	None
Fabiano	Janelle	PJM Interconnection, LLC	None
Fitzpatrick	Brian	PJM Interconnection, LLC	None
Foley	Pauline	PJM Interconnection, LLC	None
Foley	Sheila	PJM Interconnection, LLC	None
Franks	Christine	PJM Interconnection, LLC	None
Gates	Jill	PJM Interconnection, LLC	None
Glazer	Craig	PJM Interconnection, LLC	None
Gluck	Jim	PJM Interconnection, LLC	None
Gluck	Jim	PJM Interconnection, LLC	None
Greening	Michele	PJM Interconnection, LLC	None
Guiswhite	Jeff	PJM Interconnection, LLC	None
Haque	Asim	PJM Interconnection, LLC	None
Hauske	Thomas	PJM Interconnection, LLC	None
Herman	Michael	PJM Interconnection, LLC	None
Herman	Michael	PJM Interconnection, LLC	None
Horger	Timothy	PJM Interconnection, LLC	None
Horger	Timothy	PJM Interconnection, LLC	None
Hsia	Eric	PJM Interconnection, LLC	None
Hugee	Jacquelyn	PJM Interconnection, LLC	None
Keech	Adam	PJM Interconnection, LLC	None
Lu	Chen	PJM Interconnection, LLC	None
Lynch	Jessica	PJM Interconnection, LLC	None
Mathew	Lagy	PJM Interconnection, LLC	None
Mcelwine	Kathy	PJM Interconnection, LLC	None
Mcglynn	Paul	PJM Interconnection, LLC	None
Muhl	Nancy	PJM Interconnection, LLC	None
O'Hara	Chris	PJM Interconnection, LLC	None
Pincus	Steven	PJM Interconnection, LLC	None
Quevada	Jason	PJM Interconnection, LLC	None
Rodriguez	Ricardo	PJM Interconnection, LLC	None
Salmon	Lisa	PJM Interconnection, LLC	None
Schweizer	David	PJM Interconnection, LLC	None
Seiler	Ken	PJM Interconnection, LLC	None
Shah	Vijay	PJM Interconnection, LLC	None
Shields	Jeff	PJM Interconnection, LLC	None
Shoemaker	Jason	PJM Interconnection, LLC	None
Souder	Dave	PJM Interconnection, LLC	None
Souder	Michelle	PJM Interconnection, LLC	None
Stadelmeyer	Rebecca	PJM Interconnection, LLC	None
Stotesbury	Christina	PJM Interconnection, LLC	None
Strella	Lauren	PJM Interconnection, LLC	None
Swimm	Nora	PJM Interconnection, LLC	None
Tacka	Natalie	PJM Interconnection, LLC	None
Tam	Simon	PJM Interconnection, LLC	None
Terranova	Chris	PJM Interconnection, LLC	None
Tribulski	Jennifer	PJM Interconnection, LLC	None
Watson	Jeanine	PJM Interconnection, LLC	None