

Markets and Reliability Committee  
The Chase Center on the Riverfront, Wilmington, DE  
February 22, 2018  
9:00 a.m. – 12:00 p.m. EPT

## Administration (9:00-9:05)

Ms. Suzanne Daugherty and Mr. Dave Anders welcomed the participants, and provided the antitrust and code of conduct announcements.

## Endorsements/Approvals (9:05-10:15)

### 1. Draft Minutes (9:05-9:10)

Minutes of the January 25, 2018 meeting of the Markets and Reliability Committee (MRC) were **approved** by acclamation with no objections or abstentions.

### 2. PJM Manuals (9:10-9:30)

- A. Mr. Jeff McLaughlin presented proposed revisions to PJM Manual 2: Transmission Service Request. These changes correspond to Tariff revisions endorsed by the MRC at its December 21, 2017 meeting.
- B. Mr. Rami Dirani presented conforming revisions to Manual 11: Energy & Ancillary Services Market Operations to clarify the Energy Offer Verification process.
- C. Ms. Rebecca Stadelmeyer presented proposed revisions to Manual 14D: Generator Operational Requirements regarding information requirements for generation transfers. Mr. Bob O'Connell moved and Mr. John Brodbeck seconded deferring voting on the proposed Manual 14D revisions and remanding the proposed revisions to the Operating Committee for additional consideration. The motion to defer and remand was **approved** by acclamation with no objections or abstentions.
- D. Ms. Terri Esterly presented proposed revisions to Manual 18: PJM Capacity Market regarding external capacity enhancements.

Following discussion, the proposed manual revisions in items 2A, B and D were **endorsed** by acclamation with no objections or abstentions.

### 3. Tariff Revisions to Address Overlapping Congestion (9:30-9:45)

Mr. Tim Horger presented proposed Tariff and Operating Agreement (OA) revisions to address overlapping congestion. Mr. Steve Lieberman moved and Mr. Carl Johnson seconded deferring voting on the proposed revisions to the March 22, 2018 MRC meeting, and (should the MRC endorse the proposed revisions) to request voting on the proposed revisions at the March 22, 2018 Members Committee meeting. Following discussion, the motion to defer was **approved** by acclamation with no objections or abstentions.

4. Summer-Only Demand Response Sr. Task Force Charter (SODRSTF) (9:45-9:55)

Ms. Becky Carroll presented a draft charter for the SODRSTF. Following discussion, the proposed charter was **approved** by acclamation with no objections or abstentions.

5. Sunsetting Sr. Task Forces (9:55-10:15)

Ms. Becky Carroll discussed sunsetting the Underperformance Risk Management Sr. Task Force (URMSTF), and Mr. Dave Anders discussed sunsetting the Regulation Market Issues Sr. Task Force (RMISTF). Following discussion, sunsetting the two task forces was **approved** by acclamation with no objections or abstentions.

### First Readings (10:15-11:00)

6. Energy Price Formation Sr. Task Force (EPFSTF) (10:15-10:30)

Mr. Dave Anders presented a draft charter for the EPFSTF. The committee will be asked to approve the proposed charter at its next meeting.

7. PJM Manuals (10:30-11:00)

- A. Ms. Bilge Derin reviewed proposed revisions to Manual 01: Control Center and Data Exchange Requirements. The committee will be asked to endorse the manual revisions at its next meeting.
- B. Mr. Andy Ford reviewed proposed revisions to Manual 3A: Energy Management System (EMS) Model Updates and Quality Assurance (QA). The committee will be asked to endorse the manual revisions at its next meeting.
- C. Mr. Ed Franks presented proposed revisions to Manual 14A: New Services Request Process and Manual 14E: Additional Information for Upgrade and Transmission Interconnection Projects. These changes correspond to the Tariff revisions endorsed by the MRC at its December 21, 2017 meeting. The committee will be asked to endorse the manual revisions at its next meeting.
- D. Ms. Becky Carroll presented proposed revisions to Manual 33: Administrative Services for PJM Interconnection Agreement. The committee will be asked to endorse the manual revisions at its next meeting.
- E. Mr. Donnie Bielak reviewed proposed revisions to Manual 37: Reliability Coordination. The committee will be asked to endorse the manual revisions at its next meeting.

### Informational Updates (11:00-12:00)

8. Incremental Auction Sr. Task Force (IASTF) (11:00-11:15)

Mr. Brian Chmielewski provided an update on the work of the IASTF, indicating that the IASTF recommended placing their work on hiatus until the FERC acts on the IASTF's Phase 1 solution.

9. Special Protection Systems (SPS) / Remedial Action Schemes (RAS) (11:15-11:30)

Mr. Alan Engelmann, ComEd, discussed removal of SPS/RAS at University Park North and Davis Creek.

10. Competitive Planning Process Cost Containment (11:30-11:45)

Ms. Janell Fabiano provided an update on the Special Planning Committee sessions regarding Competitive Planning Process Cost Containment.

11. Update on Previously Endorsed OA Revisions (11:45-12:00)

Ms. Sue Glatz and Ms. Pauline Foley provided an update on previously endorsed administrative revisions to the OA related to Order 1000.

FERC Order in Dockets ER18-88-000 and ER18-88-001

Mr. Adam Keech discussed the recently received FERC order regarding limiting eligible bidding points for virtual transactions. Specifically, he addressed the implementation timing, and indicated that PJM is evaluating how to address the ordered January 16, 2018 implementation date.

Ohio Valley Electric Cooperative (OVEC) Integration

Ms. Suzanne Daugherty confirmed that FERC had approved OVEC's integration into PJM and provided notice that the OVEC Board approved integration into PJM with effective date of June 1, 2018 instead of the previously expected March 1, 2018 implementation date.

Five Minute Settlements

Ms. Suzanne Daugherty provided notice that PJM received an order from FERC approving PJM's filing regarding five minute settlements with an April 1, 2018 implementation date with a few compliance requirements that, based on initial review, PJM does not expect will affect the April 1, 2018 implementation date.

Show Cause Order Regarding Supplemental Projects

Mr. Steve Herling provided an update on the recently received FERC order in the Show Cause proceeding regarding supplemental projects, including the planned compliance filing. He indicated that PJM will be providing input to the Transmission Owners related to the clarifications to the process structure required in the compliance filing.

FERC Rulemaking Regarding Energy Storage Resources

Ms. Jennifer Tribulski provided an update regarding the recently received FERC rulemaking regarding Energy Storage Resources, including planned discussion and input to PJM's compliance filing in special sessions of the Market Implementation Committee.

## FERC Rulemaking Regarding Primary Frequency Response

Mr. Dave Souder provided an update the recently received FERC rulemaking regarding primary frequency response. He indicated that the order applies to new resources, and that the Primary Frequency Response Sr. Task Force will continue to address solutions for existing resources.

### Future Agenda Items (12:00)

No new future agenda items were identified.

### Future Meeting Dates

March 22, 2018	9:00 a.m.	Wilmington, DE
April 19, 2018	9:00 a.m.	Wilmington, DE
May 24, 2018	9:30 a.m.	Valley Forge, PA
June 21, 2018	9:00 a.m.	Wilmington, DE
July 26, 2018	9:00 a.m.	Wilmington, DE
August 23, 2018	9:00 a.m.	Valley Forge, PA
September 27, 2018	9:00 a.m.	Valley Forge, PA
October 25, 2018	9:00 a.m.	Wilmington, DE
December 6, 2018	9:00 a.m.	Wilmington, DE
December 20, 2018	9:30 a.m.	Valley Forge, PA

Author: D. A. Anders

Chair & Secretary			
Anders	David	PJM Interconnection	Not Applicable
Daugherty	Suzanne	PJM Interconnection	Not Applicable

Voting Participants			
Last Name	First Name	Company	Sector
Benckek	Jim	American Transmission Systems, Inc.	Transmission Owner
Bickerstaff	Dean	Hartree Partners, LP	Other Supplier
Brodbeck	John	EDP Renewables North America, LLC	Generation Owner
Campbell	Bruce	Enerwise Global Technologies, Inc.	Other Supplier
Campbell	Bruce	MidAtlantic Power Partners, LLC	Other Supplier
Canter	David	Appalachian Power Company	Transmission Owner
Canter	David	Dayton Power & Light Company (The)	Transmission Owner
Davis	James	Virginia Electric & Power Company	Transmission Owner

Dugan	Chuck	East Kentucky Power Cooperative, Inc.	Transmission Owner
Evrard	David	Pennsylvania Office of Consumer Advocate	End User Customer
Fitch	Neal	NRG Power Marketing, LLC	Generation Owner
Fondacci	Luis	North Carolina Electric Membership Corporation	Electric Distributor
Ford	Adrien	Old Dominion Electric Cooperative	Electric Distributor
Garnett	Bryan	Duke Energy Business Services LLC	Transmission Owner
Greiner	Gary	Public Service Electric & Gas Company	Transmission Owner
Hastings	David	Aspirity Energy, LLC	Other Supplier
Hastings	David	Mercuria Energy America, Inc.	Other Supplier
Hastings	David	Northstar Trading Ltd.	Other Supplier
Hastings	David	Saracen Energy East, L.P.	Other Supplier
Hastings	David	SESCO Enterprises, LLC	Other Supplier
Hastings	David	Solios Power Mid-Atlantic Trading, LLC	Other Supplier
Hoatson	Tom	Riverside Generating, LLC	Generation Owner
Hoatson	Tom	West Deptford Energy, LLC	Generation Owner
Hohenshilt	Jennifer	Talen Energy Marketing, LLC	Generation Owner
Hyzinski	Thomas	Dynegy Marketing and Trade, LLC	Generation Owner
Johnson	Carl	American Municipal Power, Inc.	Electric Distributor
Johnson	Carl	Blue Ridge Power Agency, Inc.	Electric Distributor
Johnson	Carl	Borough of Chambersburg	Electric Distributor
Johnson	Carl	Borough of Mont Alto, Pennsylvania	Electric Distributor
Johnson	Carl	Buckeye Power, Inc.	Electric Distributor
Johnson	Carl	Central Virginia Electric Cooperative	Electric Distributor
Johnson	Carl	City of Dover, Delaware	Electric Distributor
Johnson	Carl	Delaware Municipal Electric Corporation, Inc.	Electric Distributor
Johnson	Carl	Easton Utilities Commission	Electric Distributor
Johnson	Carl	Energy Cooperative Association of Pennsylvania (The)	Other Supplier
Johnson	Carl	Galt Power, Inc.	Other Supplier
Johnson	Carl	Hagerstown Light Department	Electric Distributor
Johnson	Carl	Illinois Municipal Electric Agency	Electric Distributor
Johnson	Carl	Indiana Municipal Power Agency	Generation Owner
Johnson	Carl	Madison Gas & Electric Co.	Other Supplier
Johnson	Carl	North Carolina Municipal Power Agency Number 1	Other Supplier
Johnson	Carl	Northern Illinois Municipal Power Agency	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
Keenan	Matthew	Elwood Energy, LLC	Generation Owner
Kelly	Stephen	Brookfield Energy Marketing LP	Other Supplier
Kilgallen	Kevin	Avangrid Renewables, LLC	Generation Owner
Long	Scott	Allegheny Electric Cooperative, Inc.	Electric Distributor
O'Boyle	Brian	Rockland Electric Company	Transmission Owner
Peoples	John	Duquesne Light Company	Transmission Owner
Poulos	Greg	Consumer Protection and Advocate Division of the Tennessee Attorney General	End User Customer
Poulos	Greg	Delaware Division of the Public Advocate	End User Customer
Poulos	Greg	Illinois Citizen Utility Board	End User Customer
Poulos	Greg	Indiana Office of Utility Consumer Counselor (IN OUCC)	End User Customer
Poulos	Greg	Maryland Office of People's Counsel	End User Customer
Poulos	Greg	New Jersey Division of Rate Counsel	End User Customer
Poulos	Greg	Office of the Attorney General, Kentucky	End User Customer
Poulos	Greg	Office of the People's Counsel for the District of Columbia	End User Customer
Poulos	Greg	Ohio Consumers' Counsel	End User Customer
Poulos	Greg	Public Staff - North Carolina Utilities Commission	End User Customer
Poulos	Greg	Virginia Division of Consumer Counsel	End User Customer
Poulos	Greg	West Virginia Consumer Advocate Division	End User Customer
Pratzon	David	Eastern Generation, LLC	Generation Owner
Pratzon	David	Essential Power Rock Springs, LLC	Transmission Owner
Pratzon	David	Wheelabrator Frackville Energy Co., Inc.	Generation Owner
Prokop	Brenda	ITC Interconnection LLC	Transmission Owner
Rushing	Nathan	CPV Power Holdings, LP	Generation Owner
Rushing	Nathan	Homer City Generation, L.P.	Generation Owner
Scarpignato	David	Calpine Energy Services, L.P.	Generation Owner
Swalwell	Bradley	Tangent Energy Solutions, Inc.	Other Supplier
Trayers	Barry	Citigroup Energy, Inc.	Other Supplier

<b>Non-Voting</b>			
<b>Last Name</b>	<b>First Name</b>	<b>Company</b>	<b>Sector</b>

Ainspan	Malcolm	NRG Curtailment Solutions, Inc.	Other Supplier
Allen	Wesley	Red Wolf Energy Trading, LLC	Other Supplier
Ament	Todd	Cube Hydro Partners, LLC	Generation Owner
Barker	Jason	Exelon Business Services Company, LLC	Transmission Owner
Binder	Gerry	SESCO Enterprises, LLC	Other Supplier
Bolan	Martin	FirstEnergy Solutions Corp.	Transmission Owner
Borgatti	Michael	Gable and Associates	Not Applicable
Bowring	Joe	Monitoring Analytics, LLC	Not Applicable
Branch	John	Edgecombe Genco, LLC	Generation Owner
Brouillette	Kyle	Indiana Municipal Power Agency	Generation Owner
Bruce	Susan	McNees Wallace & Nurick LLC	Not Applicable
Campbell	Becky	First Solar, Inc.	Not Applicable
Carmean	Gregory	OPSI	Not Applicable
Cocco	Michael	Old Dominion Electric Cooperative	Electric Distributor
Crystle	Gil	UGI Development Company	Generation Owner
Davis	James	Dominion Energy Generation Marketing, Inc.	Generation Owner
Debellis	Eric	Environmental law and Policy	Not Applicable
DeLosa	Joseph	Delaware Public Service Commission	Not Applicable
Dillon	Matthew	UGI Development Company	Generation Owner
Dinicola	Laura	FirstEnergy Solutions Corp.	Not Applicable
Dolan	Ryan	American Municipal Power, Inc.	Electric Distributor
Domian	Christin	Duquesne Light Company	Transmission Owner
Engelmann	Alan	Commonwealth Edison	Transmission Owner
Ericson	Christine	Illinois Commerce Commission	Not Applicable
Filomena	Guy	Customized Energy Solutions, Ltd.*	Not Applicable
Foladare	Kenneth	Tangibl	Not Applicable
Fuess	Christian	Consultant	Not Applicable
Fuess	Jay	PBF Power Marketing, LLC	Generation Owner
Gahimer	Mike	IN Office of Utility Consumer Counselor	Not Applicable
Gebolys	Debra	Public Utilities Commission of Ohio	Not Applicable
Gilani	Rehan	ConEdison Energy, Inc.	Other Supplier
Godson	Gloria	Potomac Electric Power Company	Electric Distributor
Greening	Michele	PPL Electric Utilities Corporation d/b/a PPL Utilities	Transmission Owner
Greiner	Gary	PSEG Energy Resources and Trade, LLC	Other Supplier
Hanser	Erik	Michigan Public Service Commission	Not Applicable

Harmon	Michael	Union Electric Company d/b/a Ameren Missouri	Other Supplier
Heinle	Frederick	Office of the People's Counsel for the District of Columbia	End User Customer
Heisey	Bradley	Tenaska Pennsylvania Partners, LLC	Generation Owner
Hitch	George	Dominion Energy Generation Marketing, Inc.	Generation Owner
Holland	Cynthia	New Jersey Board of Public utilities	Not Applicable
Hollis	Gabriel	NextEra Energy Marketing, LLC	Generation Owner
Hudis	Gabriel	Gable and Associates	Not Applicable
Hunter	Rebecca	Calpine Energy Solutions, LLC	Other Supplier
Huntoon	Steven	Energy Consel, LLP	Not Applicable
Hurwich	Mark	Elliott Bay Energy Trading, LLC	Other Supplier
Hyzinski	Thomas	GT Power Group	Not Applicable
Janicki	Diane	Boston Energy Trading and Marketing LLC	Generation Owner
Jardot	Gina	Essential Power Rock Springs, LLC	Transmission Owner
Johnson	Carl	Customized Energy Solutions, Ltd.*	Not Applicable
Johnston	David	Indiana Utility Regulatory Commission	Not Applicable
Katayama	Tommy	Osaka Gas USA Corporation	Not Applicable
Kinser	Cynthia	Tennessee Department of Agriculture	Not Applicable
Knernschild	Jenjira	Old Dominion Electric Cooperative	Electric Distributor
Kogut	George	New York Power Authority	Other Supplier
Liang-Nicol	Cecilia	Monongahela Power Company d/b/a Allegheny Power	Transmission Owner
Lieberman	Steven	American Municipal Power, Inc.	Electric Distributor
Lowe	Connie	Virginia Electric & Power Company	Transmission Owner
Mack	Amanda	NextEra Energy Transmission, LLC	Other Supplier
Mariam	Yohannes	Office of the People's Counsel for the District of Columbia	End User Customer
Martin	Valerie	The Federal Energy Regulatory Commission	Not Applicable
McAdams	Julius	Red Wolf Energy Trading, LLC	Other Supplier
McAlister	Lisa	American Municipal Power, Inc.	Electric Distributor
Midgley	Sharon	Exelon Business Services Company, LLC	Transmission Owner
Moncayo	George	The Federal Energy Regulatory Commission	Not Applicable
Nawaz	Zainab	New Jersey Board of Public utilities	Not Applicable
O'Connell	Robert	PPGI Fund A/B Development, LLC.	Generation Owner
Ondayko	Brock A.	Appalachian Power Company	Transmission Owner
Pakela	Greg	DTE Energy Trading, Inc.	Other Supplier
Pelletier	Eveline	Hydro-Quebec	Not Applicable



Philips	Marji	Direct Energy Business, LLC	Other Supplier
Poulos	Greg	CAPS	Not Applicable
Pratzon	David	GT Power Group	Not Applicable
Price	Ruth Ann	Delaware Division of the Public Advocate	End User Customer
Rainey	Frank	PEI Power Corporation	Generation Owner
Reams	William	Allegheny Electric Cooperative, Inc.	Electric Distributor
Robinson	Maria	Advanced Energy Economy Inc.	Not Applicable
Robson	Matt	SESCO Enterprises, LLC	Other Supplier
Rohrbach	John	Southern Maryland Electric Cooperative, Inc.	Electric Distributor
Rutigliano	Tom	Achieving Equilibrium LLC	Other Supplier
Sasser	Jonathan	Customized Energy Solutions, Ltd.*	Not Applicable
Schneider	Jon	FirstEnergy Solutions Corp.	Transmission Owner
Schreim	Morris	Maryland Office of People's Counsel	End User Customer
Schum	Alice	Illinois Municipal Electric Agency	Electric Distributor
Segerman	Charles	LS Power	Not Applicable
Shah	Pulin	Exelon Business Services Company, LLC	Transmission Owner
Shanker	Roy	H.Q. Energy Services (U.S.), Inc.	Other Supplier
Skucas	Ruta	Pierce Atwood	Not Applicable
Stern	Alex	Public Service Electric & Gas Company	Transmission Owner
Stewart	Travis	Gable and Associates	Not Applicable
Stubbe	Judy	Duke Energy Business Services LLC	Transmission Owner
Sturgeon	John	Duke Energy Carolinas, LLC	Other Supplier
Suh	Jung	Calpine Energy Services, L.P.	Generation Owner
Sweeney	Rory	RTO Insider	Media
Tangirala	Subha	ABB	Not Applicable
Tatum	Ed	American Municipal Power, Inc.	Electric Distributor
Thompson	Matt	XO Energy MA, L.P.	Other Supplier
Tibbetts	Maeve	Pierce Atwood	Not Applicable
Tyler	Catherine	Monitoring Analytics, LLC	Not Applicable
Vargo	Daniel	Allegheny Electric Cooperative, Inc.	Electric Distributor
Vayda	Brian	Borough of Park Ridge, New Jersey	Electric Distributor
Von Pinho	Frederico	NextEra Energy Transmission, LLC	Other Supplier
Walker	Jennifer	Exelon Business Services Company, LLC	Transmission Owner
Whitehead	Jeffrey	GT Power Group	Not Applicable
Wicks	Tonja	Duquesne Light Company	Transmission

			Owner
Wiegand-Jackson	Laurie	North America Power Partners, LLC	Not Applicable
Wilhite	Chad	FirstEnergy Solutions Corp.	Transmission Owner
Wilmoth	Emily	Virginia Electric & Power Company	Transmission Owner
Wilson	Bram	PBF Power Marketing, LLC	Generation Owner
Wilson	James	Wilson Energy Economics	Not Applicable
Wisersky	Megan	Madison Gas & Electric Co.	Other Supplier

<b>PJM Participants</b>			
<b>Last Name</b>	<b>First Name</b>	<b>Company</b>	<b>Sector</b>
Barrett	Fran	PJM Interconnection	Not Applicable
Bastian	Jeff	PJM Interconnection	Not Applicable
Berner	Aaron	PJM Interconnection	Not Applicable
Boyle	Glen	PJM Interconnection	Not Applicable
Bresler	Stu	PJM Interconnection	Not Applicable
Brown	Rich	PJM Interconnection	Not Applicable
Buehler	Susan	PJM Interconnection	Not Applicable
Burdis	Tim	PJM Interconnection	Not Applicable
Burlew	Jim	PJM Interconnection	Not Applicable
Carroll	Rebecca	PJM Interconnection	Not Applicable
Chao	Hung Po	PJM Interconnection	Not Applicable
Chmielewski	Brian	PJM Interconnection	Not Applicable
Connell	Jason	PJM Interconnection	Not Applicable
Coyne	Suzanne	PJM Interconnection	Not Applicable
D'Antonio	Phil	PJM Interconnection	Not Applicable
DeLoach	Ron	PJM Interconnection	Not Applicable
Derin	Bilge	PJM Interconnection	Not Applicable
Derin	Zehra Bilge	PJM Interconnection	Not Applicable
Dirani	Rami	PJM Interconnection	Not Applicable
Dotter	Ray	PJM Interconnection	Not Applicable
Drauschak	Lisa	PJM Interconnection	Not Applicable
Driscoll	MaryEllen	PJM Interconnection	Not Applicable
Duane	Vince	PJM Interconnection	Not Applicable
Egan	Amanda	PJM Interconnection	Not Applicable
Endress	Eric	PJM Interconnection	Not Applicable

Esterly	Theresa	PJM Interconnection	Not Applicable
Fabiano	Janell	PJM Interconnection	Not Applicable
Falin	Tom	PJM Interconnection	Not Applicable
Foley	Pauline	PJM Interconnection	Not Applicable
Ford	Andy	PJM Interconnection	Not Applicable
Foster	Denise	PJM Interconnection	Not Applicable
Franks	Edmund	PJM Interconnection	Not Applicable
Furnholm	Whitney	PJM Interconnection	Not Applicable
Genuario	Gabrielle	PJM Interconnection	Not Applicable
Glatz	Suzanne	PJM Interconnection	Not Applicable
Hendrzak	Chantal	PJM Interconnection	Not Applicable
Herling	Steve	PJM Interconnection	Not Applicable
Holland	Risa	PJM Interconnection	Not Applicable
Horger	Tim	PJM Interconnection	Not Applicable
Hsia	Eric	PJM Interconnection	Not Applicable
Keech	Adam	PJM Interconnection	Not Applicable
Kelley	Michael	PJM Interconnection	Not Applicable
Kenney	Susan	PJM Interconnection	Not Applicable
LaRocque	Matthew	PJM Interconnection	Not Applicable
McGill	Susan	PJM Interconnection	Not Applicable
McGlynn	Paul	PJM Interconnection	Not Applicable
McLaughlin	Jeffrey	PJM Interconnection	Not Applicable
McLaughlin	Jeffrey	PJM Interconnection	Not Applicable
McLaverty	Megan	PJM Interconnection	Not Applicable
Militello	Nicole	PJM Interconnection	Not Applicable
Nix	Emma	PJM Interconnection	Not Applicable
O'Brien	Tom	PJM Interconnection	Not Applicable
O'Neill	Jack	PJM Interconnection	Not Applicable
Orme	Brian	PJM Interconnection	Not Applicable
Patel	Keyur	PJM Interconnection	Not Applicable
Phillips	Darlene	PJM Interconnection	Not Applicable
Pilong	Chris	PJM Interconnection	Not Applicable
Pincus	Steve	PJM Interconnection	Not Applicable
Rainer	Keith	PJM Interconnection	Not Applicable
Schmitt	Jeff	PJM Interconnection	Not Applicable
Schuyler	Ken	PJM Interconnection	Not Applicable
Schweizer	David	PJM Interconnection	Not Applicable
Seiler	Ken	PJM Interconnection	Not Applicable
Shah	Vijay	PJM Interconnection	Not Applicable

Slusser	Jeff	PJM Interconnection	Not Applicable
Snyder	Susan	PJM Interconnection	Not Applicable
Souder	Dave	PJM Interconnection	Not Applicable
Stadelmeyer	Rebecca	PJM Interconnection	Not Applicable
Stone	Andy	PJM Interconnection	Not Applicable
Stotesbury	Christina	PJM Interconnection	Not Applicable
Swimm	Nora	PJM Interconnection	Not Applicable
Tribulski	Jen	PJM Interconnection	Not Applicable
Velasco	Cheryl Mae	PJM Interconnection	Not Applicable
Walter	Laura	PJM Interconnection	Not Applicable
Williams	Stan	PJM Interconnection	Not Applicable
Xu	Xu	PJM Interconnection	Not Applicable