

**Markets and Reliability Committee**  
**PJM Conference and Training Center, Valley Forge, PA**  
**July 25, 2019**  
**9:00 a.m. – 12:00 p.m. EPT**

## Administration

Ms. Denise Foster and Mr. Dave Anders welcomed stakeholders and provided the Anti-trust and Code of Conduct announcements.

Ms. Susan Riley, PJM's Interim President and CEO, provided remarks.

Ms. Foster discussed plans for the upcoming 2022/2023 Base Residual Auction. She also noted that a problem statement and issue charge related to capacity interconnection rights had been presented at the June 27, 2019 Markets & Reliability Committee (MRC) meeting. An education session will be provided at an upcoming Planning Committee meeting before the MRC will be asked to vote on the proposed the problem statement and issue charge.

## Consent Agenda

Items A through F were **approved/endorsed** by acclamation with no objections or abstentions.

- A. Minutes of the June 25, 2019 meeting of the MRC.
- B. Proposed changes to PJM Manual 13: Emergency Operations in regards to Resource Limitation Reporting.
- C. Proposed revisions to PJM Manual 18: PJM Capacity Market resulting from the periodic review.
- D. Proposed revisions to PJM Manual 21: Rules & Procedures for Determination of Generating Capability to include more explicit explanations and some omitted testing criteria.
- E. Proposed revisions to PJM Manual 28: Operating Agreement Accounting resulting from the periodic review.
- F. Proposed changes to PJM Manual 39: Nuclear Plant Interface Coordination resulting from the periodic review with the Nuclear Generators Owners User Group (NGOUG).

## Endorsements/Approvals

1. PJM Manual 14B Amendments
  - A. Mr. Aaron Berner reported on the status of Planning Committee activities related to PJM Manual 14B: Regional Transmission Planning Process.
  - B. Ms. Sharon Segner, LS Power, briefly discussed progress in resolving remaining issues related to proposed revisions to PJM Manual 14B. Ms. Segner moved, and Mr. Ed Tatum, AMP, seconded deferral of endorsement until the August MRC meeting to allow continued discussion at special

sessions of the Planning Committee. The committee approved the motion to defer in a sector-weighted vote with 4.34 in favor.

## 2. Stakeholder Process Task Force Sunset

Mr. Dave Anders discussed the activities of the Energy Price Formation Senior Task Force (EPFSTF) and Energy Market Uplift Senior Task Force (EMUSTF). He noted that there are additional dormant stakeholder groups, and that PJM will review all of these groups and make a more comprehensive recommendation on sunsetting these groups. He encouraged the members to provide feedback they may have that should be considered in this review. The committee will be asked to approve sunsetting the dormant stakeholder groups at a future meeting.

[Issue Tracking: Energy Price Formation](#)

[Issue Tracking: Energy Market Uplift Cost](#)

[Issue Tracking: Review of Virtual Transaction Rules](#)

[Issue Tracking: Up To Congestion Transactions Financial and Node Limitation](#)

## First Readings

### 3. PJM Manuals

A. Mr. Vince Stefanowicz reviewed the proposed changes to PJM Manual 10: Pre-Scheduling Operations in regards to generator outage reporting. The committee will be asked to endorse these changes at its next meeting.

B. Ms. Laura Walter reviewed changes to Manual 11: Energy & Ancillary Services Market Operations and Manual 18: PJM Capacity Market, related to the FERC Order 841 compliance filing, and changes to Manual 15: Cost Development Guidelines related to cost offers for batteries and flywheels. The committee will be asked to endorse the manual revisions at its next meeting.

[Issue Tracking: Electric Storage Participation FERC Order 841](#)

C. Ms. Terri Esterly reviewed proposed revisions to PJM Manual 18B: Energy Efficiency Measurement & Verification resulting from the periodic review. At stakeholder request these proposed manual revisions will be reviewed by the Market Implementation Committee prior to asking the MRC to take action.

### 4. Region Transmission Planning Process (RTEP) Operating Agreement (OA) Revisions

Mr. Greg Poulos, on behalf of the Office of the People's Counsel for the District of Columbia, presented a first read of proposed revisions to the OA related to updates to the Regional Transmission Expansion Plan. The committee may be asked to endorse the proposed revisions at a future meeting.

## Informational Reports

5. Mr. Stan Williams provided an update on the recent FERC Order EL08-14 related to Marginal Line Loss and PJM's plan to comply with the order. Mr. Williams will provide a status report at the next MRC meeting.

- Mr. Stan Williams provided an update on the Modeling Generation Senior Task Force including a stakeholder recommended long-term implementation plan. Mr. Adam Keech noted that a presentation will be provided to the Market Implementation Committee regarding the next generation energy management system (NGEM) product and timeline for updates.

## Informational Posting Only

### **Stakeholder Notice on Proposed Amendments to Schedule 12 of the PJM Tariff**

Pursuant to section 7.3.2 of the Consolidated Transmission Owners Agreement (“CTOA”), the CTOA Administrative Committee hereby initiates consultation with the PJM Members Committee with regard to a proposed change to Schedule 12 of the PJM Interconnection, L.L.C. (“PJM”) Tariff. As discussed herein, the PJM Transmission Owners are proposing revisions to Schedule 12, section (b)(xviii), which governs the assignment of cost responsibility for Required Transmission Enhancements that relieve stability related reliability issues (“Stability Projects”) for inclusion in the PJM Regional Transmission Planning Process (“RTEP”).

The PJM Transmission Owners have included as Attachment A to this stakeholder notice a revised version of Schedule 12, section (b)(xviii) showing the proposed changes. The PJM Transmission Owners are proposing that the proposed revisions be made effective 60 days after filing.

Written comments on the proposed provisions may be submitted for consideration by email to: [Comments for Transmission Owners@pjm.com](mailto:Comments for Transmission Owners@pjm.com) on or before **August 5, 2019**.

### **Stakeholder Notice and Member Action: Liaison Committee Attendance and Registration**

PJM Interconnection has adopted a proactive approach to enforce Liaison Committee (LC) meeting attendance as captured in the LC Charter. The changes documented in the posted notification provide greater efficiencies in securing the attendance process and take effect with registrations for the July 29<sup>th</sup> Liaison Committee meeting.

**PJM Member action is requested now to ensure a seamless transition and to avoid LC attendance disruption.**

As a reminder, attendance at the Liaison Committee, both in-person and on the phone, is limited to the PJM Board, the LC Membership, PJM Members, the LC Secretary, and PJM A/V staff. Non-members, including PJM staff, the IMM, state commission representatives and FERC may not attend.

## Future Agenda Items (12:00)

No additional future agenda items were identified.

## Future Meeting Dates

August 22, 2019	9:00 a.m.	Valley Forge, PA
September 26, 2019	9:00 a.m.	Valley Forge, PA

October 31, 2019	9:00 a.m.	Valley Forge, PA
December 5, 2019	9:00 a.m.	Valley Forge, PA
December 19, 2019	9:00 a.m.	Valley Forge, PA

Author: D.A. Anders

## Attendance

### Secretary/Facilitator

Last Name	First Name	Company	Sector
Anders	David	PJM Interconnection, LLC	None
Foster	Denise	PJM Interconnection, LLC	None

### Voting Attendees

Last Name	First Name	Company Name	Sector
Aguilar	Fabiano	Strom Power, LLC	Other Supplier
Barker	Jason	Exelon Business Services Company, LLC	Transmission Owner
Benckek	Jim	American Transmission Systems, Inc.	Transmission Owner
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 Edgecombe Genco, 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 York County Solid Waste and Refuse Authority	Generation Owner
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
Chandler	Kent	Office of the Attorney General, Kentucky	End-Use Customer

Last Name	First Name	Company Name	Sector
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 Ictec.com, Inc.	Other Supplier
Fuess	Christian	Rep.'g Kuehne Chemical Company, Inc.	Other Supplier
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, L.P.	Other Supplier
Hastings	David	Rep.'g SESCO Enterprises, LLC	Other Supplier
Hastings	David	Rep.'g Solios Power Mid-Atlantic Trading, LLC	Other Supplier
Hohenshilt	Jennifer	Talen Energy Marketing, LLC	Generation Owner
Horstmann	John	Dayton Power & Light Company (The)	Transmission Owner
Horton	Dana	Appalachian Power Company	Transmission Owner
Huang	James	Rockland Electric Company	Transmission Owner
Hyzinski	Thomas	Rep.'g Dynegy Marketing and Trade, LLC	Generation Owner
Hyzinski	Thomas	Rep.'g GenOn Energy Management, LLC	Generation Owner
Johnson	Carl	Rep.'g Allegheny Electric Cooperative, 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 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

Last Name	First Name	Company Name	Sector
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
Keenan	Matthew	Elwood Energy, LLC	Generation Owner
Kelly	Stephen	Brookfield Energy Marketing LP	Other Supplier
Kilgallen	Kevin	Avangrid Renewables, LLC	Generation Owner
Kogut	George	New York Power Authority	Other Supplier
Lieberman	Steven	American Municipal Power, Inc.	Electric Distributor
Litchfield	Matt	CPV Power Holdings, LP	Generation Owner
O'Connell	Robert	PPGI Fund A/B Development, LLC.	Generation Owner
Pelletier	Eveline	H.Q. Energy Services (U.S.), Inc.	Other Supplier
Philips	Marji	Direct Energy Business, LLC	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 People's Counsel for the District of Columbia	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 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
Scarpignato	David	Calpine Energy Services, L.P.	Generation Owner
Segner	Sharon	Rep.'g Renaissance Power & Gas, Inc.	Other Supplier
Segner	Sharon	Rep.'g Riverside Generating, LLC	Generation Owner
Segner	Sharon	Rep.'g West Deptford Energy, LLC	Generation Owner
Swalwell	Bradley	Tangent Energy Solutions, Inc.	Other Supplier
Thomas	Amber	PPL Electric Utilities Corporation d/b/a PPL Utilities	Transmission Owner
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

Last Name	First Name	Company Name	Sector
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
Whitehead	Jeffrey	Rep.'g Eastern Generation, LLC	Generation Owner
Whitehead	Jeffrey	Rep.'g Essential Power Rock Springs, LLC	Transmission Owner
Whitehead	Jeffrey	Rep.'g Wheelabrator Frackville Energy Co., Inc.	Generation Owner
Wicks	Tonja	Duquesne Light Company	Transmission Owner

#### Non-Voting Attendees

Last Name	First Name	Company	Sector
Abend	Erik	Erik Abend Consulting	None
Anderson	Jared	Platts	None
Bainbridge	Thomas	FirstEnergy Solutions Corp.	Transmission Owner
Bleiweis	Bruce	DC Energy, LLC	Other Supplier
Boyle	Stephen	Merion Energy Solutions	None
Bradford	Eugene	Southern Maryland Electric Cooperative, Inc.	Electric Distributor
Branch	John	St. Joseph Energy Center, LLC	Generation Owner
Canter	David	Appalachian Power Company	Transmission Owner
Carmean	Gregory	OPSI	None
Chocarro	Iker	E.ON Climate & Renewables North America Inc.	Generation Owner
Cocco	Michael	Old Dominion Electric Cooperative	Electric Distributor
Colbert	Cathleen	NRG Power Marketing, LLC	Generation Owner
Coultas	Ann	Invenergy, LLC	Generation Owner
Crystle	Gil	UGI Energy Services, LLC	Other Supplier
Dadourian	John	Monitoring Analytics	None
D'Alessandris	Lou	American Transmission Systems, Inc.	Transmission Owner
Dasher	Brett	Energy Authority, Inc. (The)	Other Supplier
DeLosa	Joseph	New Jersey Board of Public Utilities	None
Dillon	Matthew	UGI Energy Services, LLC	Other Supplier
Dolan	Ryan	American Municipal Power, Inc.	Electric Distributor
Domian	Christin	Duquesne Light Company	Transmission Owner
Drom	Richard	Eckert Seamans	None
Duensing	Allison	Saracen Energy East, L.P.	Other Supplier
Engleman	Michael	Engleman Fallon, PLLC	None
Esposito	Pati	A2A Energy International, LLC	None
Filomena	Guy	Customized Energy Solutions, Ltd.*	None
Francoeur	Rene	Red Wolf PT, LLC	Other Supplier
Fuerst	Gary	FirstEnergy Solutions Corp.	Transmission Owner

Last Name	First Name	Company	Sector
Gahimer	Michael	Indiana Office of Utility Consumer Counselor (IN OUCC)	End-Use Customer
Gebolys	Debra	Public Utility Commission of Ohio	None
George	Brian	EDF Trading North America, LLC	Other Supplier
Gilani	Rehan	Consolidated Edison Company of New York, Inc.	Transmission Owner
Halay	Alina	The Federal Energy Regulatory Commission	None
Hanser	Erik	Michigan Public Service Commission	None
Harmon	Michael	Union Electric Company d/b/a Ameren Missouri	Other Supplier
Hastings	David	Market Interconnection Consulting Services	None
Heinle	Frederick	Office of the People's Counsel for the District of Columbia	End-Use Customer
Heitmeyer	Chad	American Municipal Power, Inc.	Electric Distributor
Hoatson	Tom	West Deptford Energy II, LLC	Other Supplier
Hoatson	Tom	West Deptford Energy, LLC	Generation Owner
Holdbrook	Ruth	Northern Virginia Electric Cooperative (NOVEC)	Electric Distributor
Horning	Lynn	Customized Energy Solutions, Ltd.*	None
Hudis	Gabriella	Gabel Associates	None
Huntoon	Steve	Chesapeake Transmission LLC	Other Supplier
Hurwich	Mark	Elliott Bay Energy Trading, LLC	Other Supplier
Janicki	Diane	Boston Energy Trading and Marketing LLC	Other Supplier
Jens	Tom	Black Oak Capital, LLC	Other Supplier
Koehler	Nicolas	Appalachian Power Company	Transmission Owner
Kozhuharov	Dimitar	Delaware Public Service Commission	None
Laios	Takis	Appalachian Power Company	Transmission Owner
Lawson	Ryen	Dominion Energy Generation Marketing, Inc.	Generation Owner
Leasure	Jill	Keystone-Conemaugh Projects, LLC	Other Supplier
Liang-Nicol	Cecilia	FirstEnergy Solutions Corp.	Transmission Owner
Libbos	Robin	FirstEnergy Solutions Corp.	Transmission Owner
Long	Scott	Allegheny Electric Cooperative, Inc.	Electric Distributor
Mancuso	Melanie	FirstEnergy Solutions Corp.	Transmission Owner
Mariam	Yohannes	Office of the People's Counsel for the District of Columbia	End-Use Customer
Martin	Valerie	The Federal Energy Regulatory Commission	None
Matuszak	Anthony	UGI Energy Services, LLC	Other Supplier
McAlister	Lisa	American Municipal Power, Inc.	Electric Distributor
Midgley	Sharon	Exelon Business Services Company, LLC	Transmission Owner
Norton	Chris	American Municipal Power, Inc.	Electric Distributor
O'Boyle	Brian	Rockland Electric Company	Transmission Owner
Ondayko	Brock A.	Appalachian Power Company	Transmission Owner
Pakela	Greg	DTE Energy Trading, Inc.	Other Supplier
Peoples	John	Duquesne Light Company	Transmission Owner
Picard	Serge	Black Oak Capital, LLC	Other Supplier



Last Name	First Name	Company	Sector
Picardi	Matthew	Shell Energy North America (US), L.P.	Other Supplier
Poelstra	Tabitha	Appian Way Energy Partners MidAtlantic, LLC	Other Supplier
Price	Ruth	Delaware Division of the Public Advocate	End-Use Customer
Prombol	Jimmy	Shell Energy North America (US), L.P.	Other Supplier
Rainey	Frank	PEI Power Corporation	Generation Owner
Rismiller	Randy	Illinois Commerce Commission	None
Roberts	Casey	Sierra Club	None
Robinson	Becky	Vistra Energy Corp	None
Robson	Matt	SESCO Enterprises, LLC	Other Supplier
Rumsey	Amanda	PPL Electric Utilities Corporation d/b/a PPL Utilities	Transmission Owner
Rutigiano	Tom	NRDC	None
Sasser	Jonathan	Customized Energy Solutions, Ltd.*	None
Schmidt	Thomas	Buckeye Power, Inc.	Electric Distributor
Schreim	Morris	Maryland Public Service Commission	None
Schum	Alice	Illinois Municipal Electric Agency	Electric Distributor
Shah	Pulin	PECO Energy Company	Transmission Owner
Shanker	Roy	East Coast Power Holdings	None
Sillin	John	The Federal Energy Regulatory Commission	None
Smith	Christen	RTO Insider	None
Sotkiewicz	Paul	E-Cubed Policy Associates	None
Stern	Alex	Public Service Electric & Gas Company	Transmission Owner
Stewart	Travis	Gabel Associates	None
Stone	Andy	Gable Associates	None
Sweeney	Rory	GT Power Group	None
Tatum	Ed	American Municipal Power, Inc.	Electric Distributor
Taylor	Robert	Exelon Business Services Company, LLC	Transmission Owner
Thompson	Matt	XO Energy MA, L.P.	Other Supplier
Tibbetts	Maeve	Pierce Atwood	None
Toomey	Megan	Talen Energy Marketing, LLC	Generation Owner
Vargo	Daniel	Allegheny Electric Cooperative, Inc.	Electric Distributor
Walker	Jennifer	Exelon Business Services Company, LLC	Transmission Owner
Webster	John	Icetek Energy Services, Inc.	Other Supplier
Wilmoth	Emily	Dominion Energy Generation Marketing, Inc.	Generation Owner

#### PJM Attendees

Last Name	First Name	Company	Sector
Barrett	Fran	PJM Interconnection, LLC	None
Bennett	Daniel	PJM Interconnection, LLC	None
Berner	Aaron	PJM Interconnection, LLC	None
Bernstein	Matt	PJM Interconnection, LLC	None

Last Name	First Name	Company	Sector
Boyle	Glen	PJM Interconnection, LLC	None
Bresler	Stu	PJM Interconnection, LLC	None
Bruno	Patrick	PJM Interconnection, LLC	None
Bryson	Mike	PJM Interconnection, LLC	None
Buck	Rachel	PJM Interconnection, LLC	None
Budney	David	PJM Interconnection, LLC	None
Buehler	Susan	PJM Interconnection, LLC	None
Burdis	Tim	PJM Interconnection, LLC	None
Carroll	Rebecca	PJM Interconnection, LLC	None
Chmielewski	Brian	PJM Interconnection, LLC	None
Connell	Jason	PJM Interconnection, LLC	None
Coyne	Suzanne	PJM Interconnection, LLC	None
Drauschak	Lisa	PJM Interconnection, LLC	None
Egan	Amanda	PJM Interconnection, LLC	None
Esterly	Theresa	PJM Interconnection, LLC	None
Fabiano	Janell	PJM Interconnection, LLC	None
Falin	Tom	PJM Interconnection, LLC	None
Fan	Zhenyu	PJM Interconnection, LLC	None
Foley	Pauline	PJM Interconnection, LLC	None
Genuario	Gabrielle	PJM Interconnection, LLC	None
Glatz	Suzanne	PJM Interconnection, LLC	None
Glazer	Craig	PJM Interconnection, LLC	None
Greening	Michele	PJM Interconnection, LLC	None
Haque	Asim	PJM Interconnection, LLC	None
Hendrzak	Chantal	PJM Interconnection, LLC	None
Herel	Suzanne	PJM Interconnection, LLC	None
Herling	Steve	PJM Interconnection, LLC	None
Herman	Michael	PJM Interconnection, LLC	None
Holter	Natasha	PJM Interconnection, LLC	None
Hsia	Eric	PJM Interconnection, LLC	None
Kappagantula	Srinivas	PJM Interconnection, LLC	None
Keech	Adam	PJM Interconnection, LLC	None
Kenney	Susan	PJM Interconnection, LLC	None
McGill	Susan	PJM Interconnection, LLC	None
McGlynn	Paul	PJM Interconnection, LLC	None
McLaverly	Megan	PJM Interconnection, LLC	None
Monzon	Stephanie	PJM Interconnection, LLC	None
Morelli	Lisa	PJM Interconnection, LLC	None
Muhl	Nancy	PJM Interconnection, LLC	None

Last Name	First Name	Company	Sector
Murphy	Shaun	PJM Interconnection, LLC	None
Murphy Lee	Lori	PJM Interconnection, LLC	None
Nix	Emma	PJM Interconnection, LLC	None
O'Brien	Tom	PJM Interconnection, LLC	None
O'Hara	Chris	PJM Interconnection, LLC	None
O'Neill	Jack	PJM Interconnection, LLC	None
Patel	Keyur	PJM Interconnection, LLC	None
Phillips	Darlene	PJM Interconnection, LLC	None
Pilong	Chris	PJM Interconnection, LLC	None
Riley	Susan	PJM Interconnection, LLC	None
Salmon	Lisa	PJM Interconnection, LLC	None
Schuyler	Ken	PJM Interconnection, LLC	None
Schweizer	David	PJM Interconnection, LLC	None
Seiler	Ken	PJM Interconnection, LLC	None
Shields	Jeffrey	PJM Interconnection, LLC	None
Souder	Dave	PJM Interconnection, LLC	None
Souder	Michelle	PJM Interconnection, LLC	None
Stefanowicz	Vince	PJM Interconnection, LLC	None
Swimm	Nora	PJM Interconnection, LLC	None
Velasco	Cheryl Mae	PJM Interconnection, LLC	None
Walter	Laura	PJM Interconnection, LLC	None
Ward	Mike	PJM Interconnection, LLC	None
Widom	Stuart	PJM Interconnection, LLC	None
Williams	Stan	PJM Interconnection, LLC	None