

Markets & Reliability Committee
PJM Conference and Training Center, Audubon, PA / WebEx
December 18, 2024
9:00 a.m. – 10:50 a.m. EPT

Administration

Lisa Drauschak and David Anders welcomed stakeholders and provided the Anti-trust, Code of Conduct, and Meeting Participation announcements.

Consent Agenda

Emma Nix Simon requested item D to be removed from the Consent Agenda for separate consideration. Items A through C were **approved/endorsed** by acclamation with no objections or abstentions:

- A. Draft minutes of the November 21, 2024 meeting of the Markets and Reliability Committee (MRC).
- B. Proposed revisions to Manual 13: Emergency Operations addressing greater transparency to the calculation for Day Ahead Scheduling Reserve (DASR).
[Issue Tracking: Day Ahead Scheduling Reserve Calculation](#)
- C. Proposed revisions to Manual 14D: Generator Operational Requirements resulting from its periodic review.
- D. Removed for separate consideration as item X below.

Endorsements

X. Manual 14H: New Service Requests Cycle Process Revisions

Jason Shoemaker reviewed proposed revisions to Manual 14H: New Service Requests Cycle Process addressing the cycle process and site control modifications. Emma Nix Simon, EDF Renewables, discussed a pending complaint at FERC related to the site control provisions. John Miller, NedPower Mount Storm, LLC, moved and Josh Ghosh, Cypress Creek Renewables, LLC, seconded deferring voting on these proposed revisions for one month. The motion to defer voting on the proposed revisions for one month was **approved** by acclamation with no objections or abstentions.

[Issue Tracking: Site Control Modification Clarification](#)

1. Load Drop Estimate Guidelines

Andrew Gledhill reviewed a proposed problem statement, issue charge, and solution addressing the calculation and use of load drop estimate guidelines for load forecasting purposes.

Rebecca Stadlemeyer, Gabel Associates, proposed an amendment to add “(with communication to the appropriate PJM stakeholder group)” following “... energy load reductions” in the proposed revisions shown below:

Load drop estimates, as calculated in this manual or otherwise calculated by PJM to reflect the estimated hourly energy load reductions, are used to construct unrestricted loads used in the PJM Load Forecast Model, weather normalization of PJM seasonal peaks, and to calculate the unrestricted Peak Load Contributions used in formulating capacity obligations.

There were no objections to this proposed amendment, and therefore it was incorporated into the proposed manual revisions. Following discussion, the committee **approved** the proposed Issue Charge and **endorsed** the amended proposed Manual 19 revisions as part of the Quick Fix process outlined in Section 8.6.1 of Manual 34 by acclamation with no objections or abstentions.

2. Capacity Market Enhancements – CETL Issue Charge

Michele Greening reviewed proposed reassignment and timing updates to the Capacity Market Enhancements - CETL Issue Charge. Following discussion, the committee **approved** the Issue Charge reassignment and timing updates upon first read by acclamation with no objections or abstentions.

[Issue Tracking: Capacity Market Enhancements - CETL](#)

First Readings

3. Modeling Users Forum (MUF) Charter

Jeff Schmitt reviewed a proposed Charter to convert the current Data Management Subcommittee (DMS) to a Modeling User Forum (MUF). The committee will be asked to approve the Modeling User Forum formation at its next meeting.

4. Deactivation Enhancements Senior Task Force (DESTF)

Chantal Hendrzak provided an update regarding the activities of the DESTF and reviewed the proposed solution package endorsed by the DESTF and corresponding Tariff revisions. The committee will be asked to endorse the proposed solution and corresponding Tariff revisions at its next meeting.

[Issue Tracking: Enhancements to Deactivation Rules](#)

5. Manuals

A. Ryan Nice reviewed proposed revisions to Manual 01: Control Center and Data Exchange Requirements resulting from its periodic review and conforming to the FERC Order addressing Hybrids Phase II solution. The committee will be asked to endorse the proposed Manual revisions at its next meeting.

B. Ryan Nice reviewed proposed revisions to Manual 01: Control Center and Data Exchange Requirements addressing requirements for electronic alternate data

communication method and reliability guidelines to mitigate the unplanned loss of EMS Real Time Assessment (RTA) capabilities, and changes in M01: Control Center and Data Exchange Requirements. The committee will be asked to endorse the proposed Manual revisions at its next meeting.

[Issue Tracking: EMS Telemetry Protective Measures](#)

- C. Susan Kenney reviewed proposed revisions to Manual 27: Open Access Transmission Tariff Accounting and Manual 29: Billing resulting from its periodic review. The committee will be asked to endorse the proposed Manual revisions at its next meeting.
- D. Liam Hoang reviewed proposed revisions to Manual 38: Operations Planning resulting from its periodic review. The committee will be asked to endorse the proposed Manual revisions 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	5:00 p.m. EPT deadline*	
January 23, 2025	9:00 a.m.	PJM Conference & Training Center and WebEx	January 13, 2025	January 16, 2025
February 20, 2025	9:00 a.m.	PJM Conference & Training Center and WebEx	February 10, 2025	February 13, 2025
March 19, 2025	9:00 a.m.	PJM Conference & Training Center and WebEx	March 7, 2025	March 12, 2025
April 23, 2025	9:00 a.m.	PJM Conference & Training Center and WebEx	April 11, 2025	April 16, 2025
May 21, 2025	9:00 a.m.	PJM Conference & Training Center and WebEx	May 9, 2025	May 14, 2025
June 18, 2025	9:00 a.m.	PJM Conference & Training Center and WebEx	June 6, 2025	June 11, 2025
July 23, 2025	9:00 a.m.	PJM Conference & Training Center and WebEx	July 11, 2025	July 16, 2025
August 20, 2025	9:00 a.m.	PJM Conference & Training Center and WebEx	August 8, 2025	August 13, 2025
October 1, 2025	9:00 a.m.	PJM Conference & Training Center and WebEx	September 19, 2025	September 24, 2025
October 23, 2025	9:00 a.m.	PJM Conference & Training Center and WebEx	October 13, 2025	October 16, 2025
November 20, 2025	9:00 a.m.	PJM Conference & Training Center and WebEx	November 10, 2025	November 13, 2025
December 17, 2025	9:00 a.m.	PJM Conference & Training Center and WebEx	December 5, 2025	December 10, 2025

*Materials received after 12:00 p.m. EPT are not guaranteed timely posting by 5:00 p.m. EPT on the same day.

Author: D. Anders

Meeting Attendance

Chair/Secretary

Last Name	First Name	Company	Sector
Drauschak	Lisa	PJM Interconnection	None
Anders	Dave	PJM Interconnection	None

Voting Attendees

Last Name	First Name	Company	Sector
Anderson	Juliet	Constellation Energy Generation, LLC	Generation Owner
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	Letterkenny Industrial Development Authority - PA	Electric Distributor
Bruce	Susan	Kimberly-Clark Corporation	Generation Owner
Bruce	Susan	Messer LLC	End-Use Customer
Bruce	Susan	Procter & Gamble Paper Products Company (The)	End-Use Customer
Bruce	Susan	Gerdau Ameristeel Energy, Inc.	End-Use Customer
Bruce	Susan	Trustees of the University of Pennsylvania	End-Use Customer
Bruce	Susan	Cleveland-Cliffs Steel LLC	End-Use Customer
Davis	James	Virginia Electric & Power Company	Transmission Owner
Domian	Christin	Duquesne Light Company	Transmission Owner
Dugan	Chuck	East Kentucky Power Cooperative, Inc.	Transmission Owner
Farnsworth Jr	Byron	Wellsboro Electric Company	Electric Distributor
Fink	Regan	Pine Gate Mid-Atlantic, LLC	Generation Owner
Fitch	Neal	NRG Business Marketing LLC	Generation Owner
Fuess	Christian	NextPower III US Holdco Inc.	Generation Owner
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
Ghosh	Abhishek	Cypress Creek Renewables, LLC	Generation Owner
Greene	Benjamin	Appalachian Power Company	Transmission Owner
Heinle	Frederick	Dynegy Marketing and Trade, LLC	Generation Owner
Hoatson	Tom	Rolling Hills Generating, LLC	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
Johnson	Carl	Town of Williamsport (The)	Electric Distributor
Johnson	Carl	Town of Thurmont	Electric Distributor
Johnson	Carl	Blue Ridge Power Agency, Inc.	Electric Distributor
Johnson	Carl	Borough of Chambersburg	Electric Distributor
Johnson	Carl	Energy Cooperative Association of Pennsylvania (The)	Other Supplier
Johnson	Carl	Northern Virginia Electric Cooperative (NOVEC)	Electric Distributor
Johnson	Carl	WPPI Energy	Other Supplier
Johnson	Carl	Easton Utilities Commission	Electric Distributor
Johnson	Carl	Buckeye Power, Inc.	Electric Distributor
Johnson	Carl	Illinois Municipal Electric Agency	Electric Distributor
Johnson	Carl	Michigan Public Power Agency	Electric Distributor
Johnson	Carl	Hagerstown Light Department	Electric Distributor
Johnson	Carl	City of Dover, Delaware	Electric Distributor
Johnson	Carl	Central Virginia Electric Cooperative	Electric Distributor
Johnson	Carl	Borough of Mont Alto, Pennsylvania	Electric Distributor
Johnson	Carl	North Carolina Electric Membership Corporation	Electric Distributor
Johnson	Carl	Delaware Municipal Electric Corporation, Inc.	Electric Distributor
Johnson	Carl	Old Dominion Electric Cooperative	Electric Distributor
Johnson	Carl	Indiana Municipal Power Agency	Electric Distributor
Mason	Gary	Monongahela Power Company	Transmission Owner
Miller	John	NedPower Mount Storm, LLC	Generation Owner
O'Leary	Chris	Public Service Electric and Gas Company	Transmission Owner
Pakela	Greg	DTE Energy Trading, Inc.	Other Supplier
Rettig	Kacie	Rockland Electric Company	Transmission Owner
Scarpignato	David	Calpine Energy Services, L.P.	Generation Owner
Stern	Alexander	Exelon Business Services Company, LLC	Transmission Owner
Ushijima	Hiroaki	Elwood Energy, LLC	Generation Owner
Vayda	Brian	Borough of Lavallette, New Jersey	Electric Distributor
Vayda	Brian	Vineland Municipal Electric Utility	Electric Distributor
Vayda	Brian	Borough of Park Ridge, New Jersey	Electric Distributor
Vayda	Brian	Borough of South River, New Jersey	Electric Distributor
Vayda	Brian	Borough of Pemberton, 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 Milltown, New Jersey	Electric Distributor

Vayda	Brian	Borough of Seaside Heights, New Jersey	Electric Distributor
Whitehead	Jeffrey	Parkway Generation Operating LLC	Generation Owner
Whitehead	Jeffrey	Essential Power Rock Springs, LLC	Generation Owner
Whitehead	Jeffrey	Wheelabrator Falls Inc.	Generation Owner
Yovanovich	Laura	PPL Electric Utilities Corporation d/b/a PPL Utilities	Transmission Owner

Non-voting Attendees

Last Name	First Name	Company	Sector
Barker	Jason	Vitol Inc.	Generation Owner
Beebe	Chris	Enersponse LLC	Other Supplier
Bleiweis	Bruce	DC Energy, LLC	Other Supplier
Blice	Jeffrey	Merrill Lynch Commodities, Inc.	Other Supplier
Branch	John	Enel Trading North America, LLC	Other Supplier
Callen	Zachary	Illinois Commerce Commission	None
Campbell	Bruce	Enerwise Global Technologies, LLC	Other Supplier
Carder	Sutton	Merrill Lynch Commodities, Inc.	Other Supplier
Carmean	Gregory	Organization of PJM States, Inc.	None
Carrier	Ron	Big Lake Consulting	None
Chang	Sean	Shell Energy North America (US), L.P.	Other Supplier
Christopher	Mahila	Public Utilities Commission of Ohio	None
Clingan	Kristin	Public Utilities Commission of Ohio	None
Corash	Richard	PSEG Energy Resources and Trade LLC	Other Supplier
Dalton	David	Virginia State Corporation Commission	None
DeAngelis	Cameron	PSEG Energy Resources and Trade LLC	Other Supplier
Denby	Brett	Northern Virginia Electric Cooperative (NOVEC)	Electric Distributor
DiNicola	Laura	American Transmission Systems, Inc.	Transmission Owner
Diulus	Kenzie	Seward Generation, LLC	Generation Owner
Donohue	Erin	Enel X North America, Inc.	Other Supplier
Drew	Steve	Renewable Energy Services	None
Duensing	Allison	Saracen Energy East LP	Other Supplier
Esquivel	Manuel	Hydrostor	None
Everngam	Scott	Blue Horseshoe Energy LLC	None
Fabiano	Janell	PPL Electric Utilities Corp. dba PPL Utilities (LSE)	Transmission Owner
Farnsworth	Barney	Wellsboro Electric Company	Electric Distributor
Ferguson	Mike	Indeck Niles, LLC	Generation Owner
Filomena	Guy	Customized Energy Solutions, Ltd.	None
Fink	Sari	MAREC	None
Foladare	Kenneth	Geenex Solar LLC	Other Supplier
Ford	Adrien	Constellation Energy Generation, LLC	Generation Owner

Ford	Andrew	Ohio Consumers' Counsel	End-Use Customer
Garnett	Bryan	Duke Energy Ohio, Inc.	Transmission Owner
Gates	Terry	Appalachian Power Company (AEP Generation)	Generation Owner
Gelbaugh	Andrew	Talen Energy Marketing, LLC	Generation Owner
Ghosh	Abhishek	Cypress Creek Renewables, LLC	Generation Owner
Gilani	Rehan	RWE CLEAN ENERGY WHOLESALE SERVICES, INC.	Other Supplier
Gordon	Jon	Advanced Energy United	None
Gorman	Bradley	American Transmission Systems, Inc.	Transmission Owner
Greene	Ben	AEP Energy Partners, Inc. (AEP Gen Resources)	Transmission Owner
Guntle	Vince	American PowerNet Management, L.P.	End-Use Customer
Hanawa	Angie	Enel X North America, Inc.	Other Supplier
Hastings	David	Long Island Lighting Company dba LIPA	Other Supplier
Helms	Joseph	Commonwealth Chesapeake Company, LLC	Generation Owner
Himmelspach	Treasa	Appalachian Power Company (AEP Generation)	Transmission Owner
Hooker	Marquette	Dominion Virginia Power	Transmission Owner
Huang	James	Electranet REP I, LLC	None
Hull	Gerit	American Municipal Power, Inc.	Electric Distributor
Hyatt	Earl	Monitoring Analytics	None
Hyzinski	Tom	GT Power Group, LLC	None
Iler	Art	Indiana Office of Utility Consumer Counselor	End-Use Customer
Johnston	David	Indiana Utility Regulatory Commission	None
Jones	Scott	Indiana Office of Utility Consumer Counselor	End-Use Customer
Kelly	Stephen	Brookfield Renewable Trading and Marketing LP (BSMH)	Other Supplier
Kilgallen	Kevin	Avangrid Renewables, LLC	Generation Owner
Kirk	Steven	NextEra Energy Marketing, LLC	Other Supplier
Klingensmith	Laurel	American Transmission Systems, Inc.	Transmission Owner
Kogut	George	New York Power Authority	Other Supplier
Kosner	Bob	Illinois Municipal Electric Agency	Electric Distributor
Kozlowski	Brian	Alphataraxia Palladium LLC	Other Supplier
Kwok	Jordan	Exelon Business Services Company, LLC	Transmission Owner
Lafayette	Robin	PPL Electric Utilities Corp. dba PPL Utilities (TO)	Transmission Owner
Laios	Takis	Appalachian Power Company (AEP Transmission)	Transmission Owner
Lee	Aristotle	Grays Ferry Cogeneration Partnership	Generation Owner
Leith Yessian	Devin	RTO Insider	None
Liu	Jay	Twin Ridges LLC	Generation Owner
Livingston	Matthew	Energy Authority, Inc. (The)	Other Supplier

Mariam	Yohannes	Office of the People's Counsel for the District of Columbia	End-Use Customer
Massarelli	Eva	Dominion Virginia Power	Transmission Owner
Matheson	Eric	Non-member	None
McCorry	Hannah	Illinois Commerce Commission	None
McNeil	Justin	Kentucky Public Service Commission	None
Mendez	Victor	ComEd	None
Midgley	Sharon	Exelon Business Services Company, LLC	Transmission Owner
Murphy	Brian	Counterflow Energy	None
Nadel	Steven	PPL Electric Utilities Corp. dba PPL Utilities (TO)	Transmission Owner
Nix Simon	Emma	EDF Renewable Development, Inc.	None
Oleary	Chris	PSEG Energy Resources and Trade LLC	Other Supplier
Ondayko	Brock	AEP Energy Partners, Inc. (AEP Gen Resources)	Transmission Owner
Osborn	Eric	EDF Trading North America, LLC	Other Supplier
Oyekanmi	Waheed	PowerTransitions LLC	None
Parrot	Sarah	Public Utilities Commission of Ohio	None
Peoples	John	Duquesne Light Company	Transmission Owner
Pham	Bao	Lincoln Generating Facility, LLC	Generation Owner
Pierpont	Dan	Riverside Generating Company, L.L.C.	Generation Owner
Poulos	Greg	CAPS	End-Use Customer
Price	Mark	DC Energy, LLC	Other Supplier
Radochonski	Thomas	Acciona Energy North America Corporation	Generation Owner
Reagan	Ryann	New Jersey Board of Public Utilities	None
Rode	Advait	Michigan Public Service Commission	None
Ruck	Andrew	Freepoint Commodities LLC (Freepoint Phys)	Other Supplier
Rutigliano	Tom	Natural Resources Defense Council	None
Rutledge	Craig	Appalachian Power Company (AEP Generation)	Transmission Owner
Sasser	Jonathan	Customized Energy Solutions, Ltd.	None
Scheidecker	Paul	Monitoring Analytics	None
Scheirer	Alex	Gabel Associates	None
Searfoorce	Dan	Pennsylvania Public Utilities Commission	None
Selick	Sam	Customized Energy Solutions, Ltd.	None
Shaughnessy	Pat	Pennsylvania Public Utilities Commission	None
Shelor	Jeremiah	Dominion Virginia Power	Transmission Owner
Singh	Harsimran	Eastern Generation, LLC	Generation Owner
Skucas	Ruta	Crowell	None
Sloan	Ben	OPSI	None

Spencer	Douglas	Southeastern Power Administration	Other Supplier
Stadelmeyer	Rebecca	Jersey Green Energy LLC	Other Supplier
Steely	Aaron	Advantage Renewables	None
Stone	Andy	Non-member	None
Strange	Rob	Yes Energy LLC	None
Stuchell	Jeff	American Transmission Systems, Inc.	Transmission Owner
Suh	Jung	Calpine Energy Solutions, LLC	Other Supplier
Sussler	Phil	Maryland Office of People's Counsel	End-Use Customer
Swalwell	Brad	Tangent Energy Solutions, Inc.	Other Supplier
Sweeney	Rory	Northern Virginia Electric Cooperative (NOVEC)	Electric Distributor
Tangvald	Rainor	Duke Energy Ohio, Inc.	Transmission Owner
Thomas	Amber	PECO Energy Company	Transmission Owner
Tierney-Lloyd	Mona	Enel X North America, Inc.	Other Supplier
Urbanek	Charles	Enel Trading North America, LLC	Other Supplier
Vatakis	Sophia	Karbone	Other Supplier
Walker	Jennifer	Exelon Business Services Company, LLC	Transmission Owner
Wemple	Stephen	Concentric Energy Advisors	None
Winsky	Timothy	Dominion Virginia Power	Transmission Owner
Wylie-Chambers	Ericka	Exelon Business Services Company, LLC	Transmission Owner
Wynder	Michael	Altrock LLC	Other Supplier
Youth	Michael	North Carolina Electric Membership Corporation	Electric Distributor
Zemanek	Kevin	Buckeye Power, Inc.	Electric Distributor
Zhou	Ming	DXT Commodities North America Inc	Other Supplier

PJM Attendees

Last Name	First Name	Company	Sector
Afelumo	Foluso	PJM Interconnection	None
Anders	David	PJM Interconnection	None
Arkatin	Tyler	PJM Interconnection	None
Asthana	Manu	PJM Interconnection	None
Baker	Scott	PJM Interconnection	None
Belenky	Maria	PJM Interconnection	None
Bennett	Daniel	PJM Interconnection	None
Bernstein	Matthew	PJM Interconnection	None
Bielak	Donnie	PJM Interconnection	None
Bowker	Shannon	PJM Interconnection	None
Bradley	Dee	PJM Interconnection	None

Bresler	Stu	PJM Interconnection	None
Bruno	Josh	PJM Interconnection	None
Bruno	Patrick	PJM Interconnection	None
Bryson	Mike	PJM Interconnection	None
Buehler	Susan	PJM Interconnection	None
Cao	Roger	PJM Interconnection	None
Chmielewski	Brian	PJM Interconnection	None
Ciabattoni	Joe	PJM Interconnection	None
Connell	Jason	PJM Interconnection	None
Connolly	Matthew	PJM Interconnection	None
Coscia	Carl	PJM Interconnection	None
Croop	Danielle	PJM Interconnection	None
Curtin	Haley	PJM Interconnection	None
D'Antonio	Phil	PJM Interconnection	None
Davis	Becky	PJM Interconnection	None
Downs	Jere	PJM Interconnection	None
Drauschak	Lisa	PJM Interconnection	None
Esterly	Theresa	PJM Interconnection	None
Fan	Zhenyu	PJM Interconnection	None
Gates	Jill	PJM Interconnection	None
Gledhill	Andrew	PJM Interconnection	None
Graf	Walter	PJM Interconnection	None
Greening	Michele	PJM Interconnection	None
Hall	Mary	PJM Interconnection	None
Haque	Asim	PJM Interconnection	None
Hauske	David	PJM Interconnection	None
Heater	Megan	PJM Interconnection	None
Hedrzak	Chantal	PJM Interconnection	None
Herel	Suzanne	PJM Interconnection	None
Herman	Michael	PJM Interconnection	None
Herman	Mike	PJM Interconnection	None
Hicks	Colleen	PJM Interconnection	None
Hoang	Liem	PJM Interconnection	None
Holt	Christopher	PJM Interconnection	None
Holter	Natasha	PJM Interconnection	None
Horger	Tim	PJM Interconnection	None
Hoshmand	Mojtaba	PJM Interconnection	None
How	Madalin	PJM Interconnection	None
Keech	Adam	PJM Interconnection	None

Kenney	Susan	PJM Interconnection	None
Keshavamurthy	Bhavana	PJM Interconnection	None
Khan	Aftab	PJM Interconnection	None
Lacek	Mollie	PJM Interconnection	None
Lai	Erin	PJM Interconnection	None
Langbein	Pete	PJM Interconnection	None
Lee	Ray	PJM Interconnection	None
Lee	Suin	PJM Interconnection	None
Litzke	Jack	PJM Interconnection	None
Loebl	Margo	PJM Board	None
Lu	Chen	PJM Interconnection	None
Marzewski	Skyler	PJM Interconnection	None
Mathew	Lagy	PJM Interconnection	None
McElwee	Steve	PJM Interconnection	None
McGill	Susan	PJM Interconnection	None
McGlynn	Paul	PJM Interconnection	None
Morelli	Lisa	PJM Interconnection	None
Nice	Ryan	PJM Interconnection	None
Noonan	Casey	PJM Interconnection	None
Oconnell	Moira	PJM Interconnection	None
Ohara	Chris	PJM Interconnection	None
Panchal	Hitesh	PJM Interconnection	None
Patel	Anita	PJM Interconnection	None
Patel	Keyur	PJM Interconnection	None
Perera	Asanga	PJM Interconnection	None
Petrov	Matt	PJM Interconnection	None
Phillips	Darlene	PJM Interconnection	None
Pilong	Chris	PJM Interconnection	None
Pilong	Melissa	PJM Interconnection	None
Salmon	Lisa	PJM Interconnection	None
Schuyler	Ken	PJM Interconnection	None
Shah	Vijay	PJM Interconnection	None
Souder	Dave	PJM Interconnection	None
Stanisz	Mark	PJM Interconnection	None
Stefanowicz	Vince	PJM Interconnection	None
Takahashi	Mark	PJM Board	None
Tribulski	Jennifer	PJM Interconnection	None
Vinnik	Daniel	PJM Interconnection	None
Wharton	Matthew	PJM Interconnection	None

Widom	Stu	PJM Interconnection	None
Wolff	John	PJM Interconnection	None
Wu	Mia	PJM Interconnection	None
Xu	Xu	PJM Interconnection	None
Zhang	Michael	PJM Interconnection	None