

Markets & Reliability Committee
PJM Conference and Training Center, Audubon, PA / WebEx
April 23, 2025
9:00 a.m. – 10:25 a.m. EPT

Administration

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

Consent Agenda

Items A through C were **approved/endorsed** by acclamation with no objections or abstentions:

- A. Draft minutes of the March 19, 2025 meeting of the Markets and Reliability Committee (MRC).
- B. Proposed revisions to Manual 11: Energy & Ancillary Services Market Operations resulting from its periodic review.
- C. Proposed revisions to Manual 37: Reliability Coordination resulting from its periodic review.

Endorsements

2. Black Start Base Formula Rate

Glen Boyle reviewed a proposed solution package addressing the black start base formula rate and corresponding Tariff Schedule 6A revisions. Following discussion, the proposed solution and Tariff revisions were **endorsed** in a sector-weighted vote with 4.027 in favor. Lisa Drauschak noted that same day endorsement would be sought at the Members Committee meeting. There were no objections to placing this item on the Consent Agenda for that meeting.

[Issue Tracking: Black Start Base Formula Rate](#)

First Readings

3. ELCC Data Transparency and CETL

- A. Michele Greening provided an update regarding the activities of the Effective Load Carrying Capability Senior Task Force (ELCCSTF) and corresponding voting results.
- B. Josh Bruno reviewed a proposed solution package addressing data transparency reforms and corresponding manual revisions. The committee will be asked to endorse the data transparency solution and corresponding manual revisions at its next meeting.

[Issue Tracking: Capacity Market Enhancements – Data Transparency](#)

- C. Tom Hoatson, Rolling Hills Generating, LLC, moved and Adrien Ford, Constellation Energy Generation, LLC, seconded a motion to defer consideration of the ELCCSTF CETL Issue Charge until such time that a seasonal capacity construct is considered. The committee will be asked to endorse the motion to defer at its next meeting.

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

4. Manuals

- A. Ryan Nice reviewed proposed revisions to Manual 01: Control Center and Data Exchange Requirements to align with NERC Standard EOP-008 and the PJM TO/TOP Matrix. The committee will be asked to endorse the proposed manual revisions at its next meeting.
- B. Rob Dropkin reviewed proposed revisions to Manual 03: Transmission Operations resulting from its periodic review. The committee will be asked to endorse the proposed manual revisions at its next meeting.
- C. Suzanne Coyne reviewed conforming revisions to Manual 6: Financial Transmission Rights, Manual 11: Energy & Ancillary Services Market Operations, Manual 28: Operating Agreement Accounting, and Manual 29: Billing addressing rules related to market suspension in FERC Docket No. ER23- 1431. The committee will be asked to endorse the proposed manual revisions at its next meeting.
- [Issue Tracking: Rules Related to Market Suspension](#)
- D. Rich Brown reviewed proposed revisions to Manual 36: System Restoration 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*	
<i>May 21, 2025</i>	9:00 a.m.	PJM Conference & Training Center and WebEx	May 9, 2025	May 14, 2025
<i>June 18, 2025</i>	9:00 a.m.	PJM Conference & Training Center and WebEx	June 6, 2025	June 11, 2025
<i>July 23, 2025</i>	9:00 a.m.	PJM Conference & Training Center and WebEx	July 11, 2025	July 16, 2025
<i>August 20, 2025</i>	9:00 a.m.	PJM Conference & Training Center and WebEx	August 8, 2025	August 13, 2025
<i>September 25, 2025</i>	9:00 a.m.	PJM Conference & Training Center and WebEx	September 19, 2025	September 24, 2025
<i>October 23, 2025</i>	9:00 a.m.	PJM Conference & Training Center and WebEx	October 13, 2025	October 16, 2025
<i>November 20, 2025</i>	9:00 a.m.	PJM Conference & Training Center and WebEx	November 10, 2025	November 13, 2025
<i>December 17, 2025</i>	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.

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
Barker	Jason	Vitol Inc.	Other Supplier
Borgatti	Michael	Lincoln Generating Facility, LLC	Generation Owner
Borgatti	Michael	Eagle Point Power Generation LLC	Generation Owner
Borgatti	Michael	Recurrent Energy, LLC	Other Supplier
Borgatti	Michael	Longview Power, LLC	Generation Owner
Borgatti	Michael	NextEra Energy Marketing, LLC	Other Supplier
Borgatti	Michael	Hazleton Generation LLC	Generation Owner
Borgatti	Michael	Hill Top Energy Center, LLC	Generation Owner
Borgatti	Michael	York County Solid Waste and Refuse Authority	Generation Owner
Borgatti	Michael	Jersey Green Energy, LLC	Other Supplier
Borgatti	Michael	Moxie Freedom LLC	Generation Owner
Brodbeck	John	EDP Renewables North America LLC	Generation Owner
Bruce	Susan	Cleveland-Cliffs Steel LLC	End-Use Customer
Bruce	Susan	Messer LLC	End-Use Customer
Bruce	Susan	Letterkenny Industrial Development Authority - PA	Electric Distributor
Bruce	Susan	Air Products & Chemicals, Inc.	End-Use Customer
Bruce	Susan	Gerdau Ameristeel Energy, Inc.	End-Use Customer
Bruce	Susan	Kimberly-Clark Corporation	Generation Owner
Bruce	Susan	Linde Inc.	End-Use Customer
Bruce	Susan	Lehigh Portland Cement Company	End-Use Customer
Bruce	Susan	Trustees of the University of Pennsylvania	End-Use Customer
Bruce	Susan	Procter & Gamble Paper Products Company (The)	End-Use Customer
Chang	Sean	Shell Energy North America (US), L.P.	Other Supplier
Davis	James	Virginia Electric & Power Company	Transmission Owner
Diulus	Kenzie	Ebensburg Power Company	Generation Owner
Diulus	Kenzie	Seward Generation, LLC	Generation Owner
Domian	Christin	Duquesne Light Company	Transmission Owner
Dugan	Chuck	East Kentucky Power Cooperative, Inc.	Transmission Owner
Fabiano	Janell	PPL Electric Utilities Corporation d/b/a PPL Utilities	Transmission Owner
Foladare	Kenneth	Geenex Solar LLC	Other Supplier
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
Horning	Lynn	Borough of Chambersburg	Electric Distributor
Horstmann	John	Dayton Power & Light Company (The)	Transmission Owner
Jardot	Gina	NRG Business Marketing LLC	Generation Owner
Johnson	Carl	Hagerstown Light Department	Electric Distributor
Johnson	Carl	WPPI Energy	Other Supplier
Johnson	Carl	Blue Ridge Power Agency, Inc.	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	Illinois Municipal Electric Agency	Electric Distributor
Johnson	Carl	Indiana Municipal Power Agency	Electric Distributor
Johnson	Carl	Michigan Public Power Agency	Electric Distributor
Johnson	Carl	North Carolina Electric Membership Corporation	Electric Distributor
Johnson	Carl	Northeastern REMC	Electric Distributor
Johnson	Carl	Northern Virginia Electric Cooperative (NOVEC)	Electric Distributor
Johnson	Carl	Old Dominion Electric Cooperative	Electric Distributor
Johnson	Carl	Town of Thurmont	Electric Distributor
Johnson	Carl	Town of Williamsport (The)	Electric Distributor
Kelly	Stephen	Brookfield Renewable Trading and Marketing LP	Other Supplier
Kilgallen	Kevin	Avangrid Power, LLC	Generation Owner
Mason	Gary	Monongahela Power Company	Transmission Owner
Miller	John	NedPower Mount Storm, LLC	Generation Owner
Pakela	Greg	DTE Energy Trading, Inc.	Other Supplier
Poulos	Greg	Pennsylvania Office of Consumer Advocate	End-Use Customer
Poulos	Greg	New Jersey Division of Rate Counsel	End-Use Customer
Poulos	Greg	Indiana Office of Utility Consumer Counselor (IN OUCC)	End-Use Customer
Poulos	Greg	Maryland Office of People's Counsel	End-Use Customer
Poulos	Greg	Delaware Division of the Public Advocate	End-Use Customer
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

Sturgeon	John	Duke Energy Business Services LLC	Transmission Owner
Svenson	Heather	Public Service Electric and Gas Company	Transmission Owner
Ushijima	Hiroaki	Elwood Energy, LLC	Generation Owner
Vayda	Brian	Borough of Park Ridge, New Jersey	Electric Distributor
Vayda	Brian	Borough of Seaside Heights, New Jersey	Electric Distributor
Vayda	Brian	Borough of Milltown, New Jersey	Electric Distributor
Vayda	Brian	Borough of South River, New Jersey	Electric Distributor
Vayda	Brian	Vineland Municipal Electric Utility	Electric Distributor
Vayda	Brian	Borough of Butler, Butler Electric Division	Electric Distributor
Vayda	Brian	Borough of Madison, New Jersey	Electric Distributor
Vayda	Brian	Borough of Pemberton, New Jersey	Electric Distributor
Vayda	Brian	Borough of Lavallette, New Jersey	Electric Distributor

Non-voting Attendees

Last Name	First Name	Company	Sector
Ament	Todd	Cube Hydro Partners, LLC	Generation Owner
Anderson	Jared	S&P Global Inc.	None
Bainbridge	Tom	Energy Harbor LLC	Generation Owner
Benitez	Rick	BENGCC LLC	None
Berthiaume	Scott	Rockland Electric Company	Transmission Owner
Bleiweis	Bruce	BN Energy Advisor	None
Boehnlein	Andrew	Virginia State Corporation Commission	None
Bondi	Greg	Constellation Energy Generation, LLC	Generation Owner
Bowring	Joe	Monitoring Analytics	None
Bradley	Heisey,	Tenaska Pennsylvania Partners, LLC	Generation Owner
Brunelle	Tanner	Virginia State Corporation Commission	None
Campbell	Bruce	Enerwise Global Technologies, LLC	Other Supplier
Carmean	Gregory	Organization of PJM States, Inc.	None
Carrier	Ron	Big Lake Consulting Group, LLC	None
Christopher	Mahila	Public Utilities Commission of Ohio (The)	None
Clingan	Kristin	Public Utilities Commission of Ohio (The)	None
Coffman	Corban	Husch Blackwell LLP	None
Costes	Taylor	Indiana Utility Regulatory Commission	None
Cox	Jason	EQ Energy Advisors, LLC	None
Dalton	David	Virginia State Corporation Commission	None
Davis	David	Apex Clean Energy Holdings, LLC	None
Detweiler	Katie	Federal Energy Regulatory Commission	None
DiNicola	Laura	American Transmission Systems, Inc.	Transmission Owner
Duensing	Allison	Saracen Energy East LP	Other Supplier
Everngam	Scott	Blue Horseshoe Energy LLC	None

Fallowfield	Kaitlin	New Project Media	None
Filomena	Guy	Customized Energy Solutions, Ltd.	None
Fink	Sari	MAREC Action	None
Ford	Adrien	Constellation Energy Generation, LLC	Generation Owner
Foster	Denise	East Kentucky Power Cooperative, Inc.	Transmission Owner
Fuess	Christian	White Pine Energy Consulting, LLC	None
Gates	Terry	Appalachian Power Company	Transmission Owner
Ghosh	Josh	Constellation Energy Generation, LLC	Generation Owner
Gordon	Jon	Advanced Energy United, Inc.	None
Haggart	Robert	Rockland Electric Company	Transmission Owner
Hastings	David	PSEG Energy Resources & Trade LLC	Other Supplier
Helms	Joe	Hickory Run Energy, LLC	Generation Owner
Herel	Suzanne	RTO Insider	None
Himmelspach	Treasa	Appalachian Power Company	Transmission Owner
Hooker	Marquette	Dominion Energy Generation Marketing, Inc.	Generation Owner
Horner	Adrian	Geenex Solar LLC	Other Supplier
Huang	James	Electranet REP I, LLC	Other Supplier
Hugee	Jacquelyn	Dominion Virginia Power	None
Hughey	Christine	BP Energy Company	Other Supplier
Hull	Gerit	American Municipal Power, Inc.	Electric Distributor
Hunter	Benjamin	Delaware Department of Natural Resources and Environmental Control	None
Hurd	Shawn	Monongahela Power Company	Transmission Owner
Hyatt	Earl	Monitoring Analytics	None
Hyzinski	Tom	GT Power Group, LLC	None
Janicki	Diane	Boston Energy Trading and Marketing LLC	Other Supplier
Johnston	David	Indiana Utility Regulatory Commission	None
Jones	Alexandra	Northeastern REMC	Electric Distributor
Jones	Scott	Indiana Office of Utility Consumer Counselor	End-Use Customer
Kalaskar	Rahul	AES Laurel Mountain, LLC	Generation Owner
Kirk	Steve	Parkway Generation Operating LLC	Generation Owner
Klingensmith	Laurel	American Transmission Systems, Inc.	Transmission Owner
Kogut	George	New York Power Authority	Other Supplier
Kozlowski	Brian	Alphataraxia Palladium LLC	Other Supplier
Laios	Takis	Appalachian Power Company (AEP Transmission)	Transmission Owner
Lee	Aristotle	Grays Ferry Cogeneration Partnership	Generation Owner
Leith-Yessian	Devin	RTO Insider	None
Long	Scott	Allegheny Electric Cooperative, Inc.	Electric Distributor
Lousos	Alex	American Municipal Power, Inc.	Electric Distributor
Lovan	Kellie	Kentucky Public Service Commission	None

Mariam	Yohannes	Office of the People's Counsel for the District of Columbia	End-Use Customer
Marie-Horning	Lynn	American Municipal Power, Inc.	Electric Distributor
Massarelli	Eva	Dominion Virginia Power	None
Matheson	Doug	YSO, Inc.	Other Supplier
Matheson	Eric	Non-Member	None
McCorry	Hannah	Illinois Commerce Commission	None
McDewell	Christian	Pennsylvania Public Utility Commission	None
McNab	Russell	Federal Energy Regulatory Commission	None
McNeil	Justin	Kentucky Public Service Commission	None
Mendez	Victor	Commonwealth Edison Company	None
Mertz	Chris	Penzance	None
Mihaly	Imola	Nautilus Power, LLC	Generation Owner
Mooney	Jeff	Monongahela Power Company	Transmission Owner
Newton	Jacob	Old Dominion Electric Cooperative	Electric Distributor
Nix	Emma	EDF Renewable Development, Inc.	None
Oleary	Chris	PSEG Energy Resources & Trade LLC	Other Supplier
Ondayko	Brock	Appalachian Power Company	Transmission Owner
Osborn	Eric	EDF Trading North America, LLC	Other Supplier
Pearson	Arthur	BP Energy Company	Other Supplier
Peoples	John	Duquesne Light Company	Transmission Owner
Petti	Joesph	Sun Tribe Development LLC	Generation Owner
Pietrucha	Doug	Advanced Energy United	None
Price	Mark	DC Energy Mid-Atlantic, LLC	Other Supplier
Prisby	Eric	Energy Authority, Inc. (The)	Other Supplier
Procuniar	Jason	Buckeye Power, Inc.	Electric Distributor
Ptak	Anton	EDF Renewable Development, Inc.	None
Randazzo	Tim	New Jersey Board of Public Utilities	None
Rasmussen	Jay	Duke Energy Business Services LLC	Transmission Owner
Richards	Cleveland	PPL Electric Utilities Corp. dba PPL Utilities (TO)	None
Richards	Wade	Apex Clean Energy Holdings, LLC	None
Roach	Temujin	EDF Renewable Development, Inc.	None
Rode	Advait	Michigan Public Service Commission	None
Rogers	Aaron	East Kentucky Power Cooperative, Inc.	Transmission Owner
Rohrbach	John	Wabash Valley Power Association, Inc.	Electric Distributor
Rumsey	Amanda	PPL Electric Utilities Corp. dba PPL Utilities (TO)	None
Sablosky	Maximillion	Hanwha Q Cells USA Corp.	None
Sasser	Jonathan	Customized Energy Solutions, Ltd.	None
Scarp	David	Calpine Energy Services, L.P.	Generation Owner
Scheirer	Alexandra	Jersey Green Energy, LLC	Other Supplier

Schwass	Jocee	Public Utilities Commission of Ohio (The)	None
Scott	Hugh	Baltimore Gas and Electric Company (TO)	Transmission Owner
Selick	Sam	Customized Energy Solutions, Ltd.	None
Shaughnessy	Pat	Pennsylvania Public Utility Commission	None
Sloan	Ben	Organization of PJM States, Inc.	None
Sotkiewicz	Paul	E-Cubed Policy Associates, LLC	None
Sprinkle	Dan	Louisville Gas and Electric Company/Kentucky Utilities Company	Transmission Owner
Stadelmeyer	Rebecca	Jersey Green Energy, LLC	Other Supplier
Stone	Andy	Gabel Associates	None
Strange	Rob	Yes Energy LLC	None
Stuchell	Jeff	American Transmission Systems, Inc.	Transmission Owner
Summers	Clara	Illinois Citizens Utility Board	End-Use Customer
Sweeney	Rory	Northern Virginia Electric Cooperative (NOVEC)	Electric Distributor
Swigonski	Frank	Jupiter Power LLC	Other Supplier
Thomas	Amber	Exelon Business Services Company, LLC	Transmission Owner
VanderLaan	Bill	Illinois Commerce Commission	None
Vargo	Daniel	Allegheny Electric Cooperative, Inc.	Electric Distributor
Walker	Jennifer	Exelon Business Services Company, LLC	Transmission Owner
Waters	Taylor	Virginia Electric & Power Company	Transmission Owner
Wehnes	Kathleen	Non-Member	None
Whitehead	Jeff	GT Power Group, LLC	None
Wilson	James	Non-Member	None
Wynder	Michael	Altrock LLC	Other Supplier
Youth	Michael	North Carolina Electric Membership Corporation	Electric Distributor
Yovanovich	Laura	PPL Electric Utilities Corp. dba PPL Utilities (TO)	None
Zemanek	Kevin	Buckeye Power, Inc.	Electric Distributor
Zhou	Ming	DXT Commodities North America Inc.	Other Supplier

PJM Attendees

Last Name	First Name	Company Name	Sector
Abdulsalam	Sami	PJM Interconnection	None
Afelumo	Foluso	PJM Interconnection	None
Almonte	Arelis	PJM Interconnection	None
Arkatin	Tyler	PJM Interconnection	None
Baizman	Aaron	PJM Interconnection	None
Belenky	Maria	PJM Interconnection	None
Benner	William	PJM Interconnection	None
Bernabeu	Emanuel	PJM Interconnection	None
Blackwell	Terry	PJM Board	None
Bowker	Shannon	PJM Interconnection	None

Boyle	Glen	PJM Interconnection	None
Brown	Rich	PJM Interconnection	None
Bryson	Mike	PJM Interconnection	None
Cao	Roger	PJM Interconnection	None
Carroll	Rebecca	PJM Interconnection	None
Chmielewski	Brian	PJM Interconnection	None
Ciabattoni	Joe	PJM Interconnection	None
Clarke	Linda	PJM Interconnection	None
Connolly	Matt	PJM Interconnection	None
Coyne	Suzanne	PJM Interconnection	None
Croop	Danielle	PJM Interconnection	None
D'Antonio	Phil	PJM Interconnection	None
DeVita	Thomas	PJM Interconnection	None
DiMartino	Denise	PJM Interconnection	None
Downs	Jere	PJM Interconnection	None
Dropkin	Robert	PJM Interconnection	None
Esterly	Theresa	PJM Interconnection	None
Fan	Zhenyu	PJM Interconnection	None
Fereshetian	Damon	PJM Interconnection	None
Fitzpatrick	Brian	PJM Interconnection	None
Franks	Ed	PJM Interconnection	None
Freeman	Jennifer	PJM Interconnection	None
Frogg	Darrell	PJM Interconnection	None
Furtaw	Natalie	PJM Interconnection	None
Gatti	Anthony	PJM Interconnection	None
Gledhill	Andrew	PJM Interconnection	None
Graham	Katherine	PJM Interconnection	None
Greening	Michele	PJM Interconnection	None
Guignet	Doug	PJM Interconnection	None
Hatch	Kevin	PJM Interconnection	None
Hauske	David	PJM Interconnection	None
Herel	Suzanne	PJM Interconnection	None
Hicks	Colleen	PJM Interconnection	None
Hislop	David	PJM Interconnection	None
Horger	Tim	PJM Interconnection	None
Hu	Yong	PJM Interconnection	None
Jarugula	Deepthi	PJM Interconnection	None
Kelly	Gwen	PJM Interconnection	None
Kenney	Susan	PJM Interconnection	None

Keshavamurthy	Bhavana	PJM Interconnection	None
Kim	Sung	PJM Interconnection	None
Kimmel	David	PJM Interconnection	None
Kuras	Mark	PJM Interconnection	None
Lacek	Mollie	PJM Interconnection	None
Lai	Erin	PJM Interconnection	None
Lee	Suin	PJM Interconnection	None
Leon	Miguel	PJM Interconnection	None
Lu	Chen	PJM Interconnection	None
Marzewski	Skyler	PJM Interconnection	None
McElwaine	Kathy	PJM Interconnection	None
McGill	Susan	PJM Interconnection	None
Mills	David	PJM Board	None
Mroz	David	PJM Interconnection	None
Nguyen	Anh	PJM Interconnection	None
Niu	Grace	PJM Interconnection	None
Noonan	Casey	PJM Interconnection	None
Obi	Chukwudumebi	PJM Interconnection	None
O'Connell	Moir	PJM Interconnection	None
Olaleye	Michael	PJM Interconnection	None
Patel	Anita	PJM Interconnection	None
Petrov	Matt	PJM Interconnection	None
Phillips	Darlene	PJM Interconnection	None
Pilong	Christopher	PJM Interconnection	None
Pilong	Melissa	PJM Interconnection	None
PJM	Deepthi	PJM Interconnection	None
Poria	Hema	PJM Interconnection	None
Reagan	Ryann	PJM Interconnection	None
Rocha-Garrido	Patricio	PJM Interconnection	None
Schuyler	Ken	PJM Interconnection	None
Schwarz	Stephanie	PJM Interconnection	None
Shah	Vijay	PJM Interconnection	None
Souder	Dave	PJM Interconnection	None
Souder	Michelle	PJM Interconnection	None
Stanisz	Mark	PJM Interconnection	None
Starkov	Stefan	PJM Interconnection	None
Takahashi	Mark	PJM Board	None
Taylor	Daniel	PJM Interconnection	None
Tribulski	Jennifer	PJM Interconnection	None

Vinnik	Daniel	PJM Interconnection	None
Waweru	James	PJM Interconnection	None
Wharton	Matthew	PJM Interconnection	None
Widom	Stu	PJM Interconnection	None
Widom	Stuart	PJM Interconnection	None
Wineland	Chad	PJM Interconnection	None
Wolff	John	PJM Interconnection	None
Woznyj	Mike	PJM Interconnection	None
Wright	Chris	PJM Interconnection	None
Xu	Xu	PJM Interconnection	None
Zhang	Michael	PJM Interconnection	None