

Markets and Reliability Committee

Webex Only

August 20, 2020

9:00 a.m. – 11:55 a.m.

Administration

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

Consent Agenda

Items A through C were **approved/endorsed** by acclamation with one objection to item A and no abstentions:

- A. Minutes of the July 23, 2020 meeting of the Markets and Reliability Committee (MRC).
- B. Proposed revisions to Manuals 14A, 14B and 14G related to FERC's Order on PJM's Order 845 Second Compliance Filing.
- C. Proposed Operating Agreement (OA) revisions to support improving situational awareness with the Dispatch Interactive Map Application (DIMA).

[Issue Tracking: Improving Situational Awareness with the Dispatch Interactive Map Application \(DIMA\)](#)

Endorsements/Approvals

1. Manuals 14D and 27 – Zonal NSPL Values

Ray Fernandez reviewed proposed revisions to Manual 14D: Generator Operational Requirements and Manual 27: Open Access Transmission Tariff Accounting related to changes to deadlines for adjustments associated with finalizing the zonal network service peak load values. Following discussion, the committee **endorsed** the proposed manual revisions by acclamation with no objections and two abstentions.

2. Market Efficiency Process Enhancement Task Force

Jack Thomas provided an update on the Phase 3 work completed at the Market Efficiency Process Enhancement Task Force (MEPETF).

[Issue Tracking: RTEP Market Efficiency Analysis](#)

- A. Jack Thomas and Nick Dumitriu reviewed solution packages A4 (the main motion) and A1 (the alternate motion) and corresponding proposed OA revisions related to Regional Targeted Market Efficiency Projects (RTMEP). Following discussion, proposed solution package A4 **failed** in a sector weighted vote with 1.56 in favor. Proposed solution package A1 also **failed** in a sector weighted vote with 2.63 in favor.

- B. Jack Thomas and Nick Dumitriu reviewed solution packages B4 (the main motion) and B1 (the alternate motion) and corresponding proposed OA revisions related to the Benefit Calculation. Johnathan Loesch, offered a proposed friendly amendment to proposal A4 to limit the Monte Carlo draws to three, and limit the sensitivity cases to two in addition to the base case. There were no objections, and therefore the amendment was incorporated into the main motion (B4). Following discussion, proposed solution package B4 **failed** in a sector weighted vote with 2.02 in favor. Proposed solution package B1 was **endorsed** in a sector weighted vote with 3.75 in favor.
- C. Jack Thomas and Nick Dumitriu reviewed solution package C1 and corresponding proposed OA revisions related to the Window for Capacity Drivers. Following discussion, the committee **endorsed** proposed solution package C1 including proposed OA revisions in a sector-weighted vote with 4.03 in favor.

3. Risk Management Committee Charter

Jennifer Tribulski provided an update regarding potential revisions to the Credit Subcommittee Charter including an expansion to incorporate risk and a proposed change in parent reporting structure. The resulting charter is being renamed Risk Management Committee Charter. Following discussion, the committee **approved** the proposed charter revisions by acclamation with no objections or abstentions.

4. Critical Infrastructure Stakeholder Oversight (CISO) Senior Task Force (10:25-10:55)

Greg Poulos and Erik Heinle discussed the potential to revoke the CISO Issue Charge being worked at Special Planning Committee (PC) sessions and potential endorsement of a Problem Statement and replacement Issue Charge. They noted significant progress on the issue at recent special PC sessions, and therefore did not make any corresponding motions at this meeting. They also noted the potential to make a related motion at a future meeting.

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

First Readings (10:55-11:20)

5. Cost Development Subcommittee

Glen Boyle reviewed proposed revisions to the Cost Development Subcommittee charter. The committee will be asked to endorse the revised charter at its next meeting.

6. PJM Manuals

- A. Shaun Murphy reviewed proposed revisions to Manual 01: Control Center and Data Exchange Requirements and Manual 14B: PJM Region Transmission Planning Process addressing PMU Placement in RTEP Planning Process. Alex Stern, PSEG, discussed a posted proposed friendly amendment to provide clarifications to the note in Manual 01 section 3.6. The committee will be asked to endorse the proposed revisions to Manuals 01 and 14B at its next meeting.

Informational Reports

7. Capacity Capability Senior Task Force (CCSTF)

Melissa Pilog provided an update of the work completed at the Capacity Capability Senior Task Force (CCSTF) including proposed solution package(s) and initial thoughts on corresponding Reliability Assurance Agreement (RAA) revisions. The committee will conduct a first read of proposed solutions and corresponding revisions at a special session of the MRC on August 31.

[Issue Tracking: Effective Load Carrying Capability for Limited Duration Resources and Intermittent Resources](#)

8. FERC Transmission Orders Requiring Reallocations and Refunds

Ray Fernandez provided updates on cost allocation issues associated with multiple transmission orders (Dockets ER15-1387, ER15-1344, and ER18-680) from FERC that require resettlement.

Future Agenda Items

No new future agenda items were identified.

Future Meeting Dates

August 31, 2020	1:00 p.m.	WebEx
September 17, 2020	9:00 a.m.	WebEx
October 29, 2020	9:00 a.m.	WebEx
November 19, 2020	9:00 a.m.	WebEx
December 17, 2020	9:00 a.m.	WebEx

Author: D. Anders

Attendance

Secretary/Vice Chair/Chair

Last Name	First Name	Company	Sector
Anders	David	PJM Interconnection, LLC	None
Bresler	Stu	PJM Interconnection, LLC	None

Voting Attendees

Last Name	First Name	Company	Sector
Barker	Jason	Exelon Business Services Company, LLC	Transmission Owner
Bleiweis	Bruce	DC Energy, LLC	Other Supplier
Borgatti	Michael	Carolina Solar Energy III, LLC	Other Supplier
Borgatti	Michael	Hazleton Generation LLC	Generation Owner
Borgatti	Michael	Moxie Freedom LLC	Generation Owner
Borgatti	Michael	Newark Energy Center, LLC	Generation Owner
Borgatti	Michael	NextEra Energy Marketing, LLC	Other Supplier
Borgatti	Michael	Recurrent Energy, LLC	Generation Owner

Breidenbaugh	Aaron	COI Energy Services, Inc.	Other Supplier
Breidenbaugh	Aaron	Rodan Energy Solutions (USA) Inc.	Other Supplier
Bruce	Susan	Air Products & Chemicals, Inc.	End-Use Customer
Bruce	Susan	ArcelorMittal USA LLC	End-Use Customer
Bruce	Susan	Gerdau Ameristeel Energy, Inc.	Other Supplier
Bruce	Susan	Industrial Energy Users-Ohio	Other Supplier
Bruce	Susan	Kimberly-Clark Corporation	Generation Owner
Bruce	Susan	Lehigh Portland Cement Company	End-Use Customer
Bruce	Susan	Letterkenny Industrial Development Authority - PA	Electric Distributor
Bruce	Susan	MeadWestvaco Corporation	End-Use Customer
Bruce	Susan	Messer LLC	End-Use Customer
Bruce	Susan	Praxair, Inc.	End-Use Customer
Bruce	Susan	Procter & Gamble Paper Products Company (The)	Generation Owner
Bruce	Susan	Trustees of the University of Pennsylvania	End-Use Customer
Bruce	Susan	Wellsboro Electric Company	Electric Distributor
Campbell	Bruce	MidAtlantic Power Partners, LLC	Other Supplier
Canter	David	Appalachian Power Company	Transmission Owner
Carrier	Ron	Direct Energy Business, LLC	Other Supplier
Chang	Sean	Shell Energy North America (US), L.P.	Other Supplier
D'Alessandris	Lou	American Transmission Systems, Inc.	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-Use Customer
Fitch	Neal	NRG Power Marketing, LLC	Generation Owner
Foladare	Kenneth	Geenex Solar LLC	Generation Owner
Ford	Adrien	Old Dominion Electric Cooperative	Electric Distributor
Garnett	Bryan	Duke Energy Business Services LLC	Transmission Owner
Hastings	David	Northstar Trading Ltd.	Other Supplier
Hastings	David	Saracen Energy East LP	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
Hohenshilt	Jennifer	Talen Energy Marketing, LLC	Generation Owner
Horstmann	John	Dayton Power & Light Company (The)	Transmission Owner
Hyzinski	Thomas	Carroll County Energy LLC	Generation Owner
Hyzinski	Thomas	Dynegy Marketing and Trade, LLC	Generation Owner
Hyzinski	Thomas	GenOn Energy Management, LLC	Generation Owner
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	Michigan Public Power Agency	Generation Owner
Johnson	Carl	North Carolina Electric Membership Corporation	Electric Distributor
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 Renewable Trading and Marketing LP	Other Supplier
Kilgallen	Kevin	Avangrid Renewables, LLC	Generation Owner
Kilgallen	Kevin	EDP Renewables North America LLC	Generation Owner
Kogut	George	New York Power Authority	Other Supplier
Lieberman	Steven	American Municipal Power, Inc.	Electric Distributor
Long	Scott	Allegheny Electric Cooperative, Inc.	Electric Distributor
Poulos	Greg	Consumer Protection and Advocate Division of the Tennessee Attorney General	End-Use Customer
Poulos	Greg	Delaware Division of the Public Advocate	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	Michigan Department of Attorney General, Environment, Natural Resources, & Agriculture Division	End-Use Customer
Poulos	Greg	New Jersey Division of Rate Counsel	End-Use Customer
Poulos	Greg	Office of the Attorney General, Kentucky	End-Use Customer
Poulos	Greg	Office of the People's Counsel for the District of Columbia	End-Use Customer
Poulos	Greg	Ohio Consumers' Counsel	End-Use Customer
Poulos	Greg	Public Staff - North Carolina Utilities Commission	End-Use Customer
Poulos	Greg	Virginia Division of Consumer Counsel	End-Use Customer
Poulos	Greg	West Virginia Consumer Advocate Division	End-Use Customer
Rohrbach	John	Big Savage, LLC	Generation Owner

Rohrbach	John	Kentucky Municipal Energy Agency	Other Supplier
Rohrbach	John	Southern Maryland Electric Cooperative, Inc.	Electric Distributor
Rohrbach	John	Wabash Valley Power Association, Inc.	Electric Distributor
Rumsey	Amanda	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	Covanta Energy Group, LLC	Generation Owner
Stewart	Travis	Energy Harbor LLC	Generation Owner
Stewart	Travis	Jersey Green Energy, LLC	Other Supplier
Stewart	Travis	Longview Power, LLC	Generation Owner
Stewart	Travis	York County Solid Waste and Refuse Authority	Generation Owner
Swalwell	Bradley	Tangent Energy Solutions, Inc.	Other Supplier
Whitehead	Jeffrey	Eastern Generation, LLC	Generation Owner
Whitehead	Jeffrey	Essential Power Rock Springs, LLC	Generation Owner
Whitehead	Jeffrey	Neptune Regional Transmission System, LLC	Transmission Owner
Whitehead	Jeffrey	Wheelabrator Falls Inc.	Generation Owner
Wicks	Tonja	Duquesne Light Company	Transmission Owner
Yu	Joel	Rockland Electric Company	Transmission Owner

Non-Voting Attendees

Last Name	First Name	Member Company	Sector
Ainspan	Malcolm	NRG Curtailment Solutions, Inc.	Other Supplier
Ament	Todd	Cube Hydro Partners, LLC	Generation Owner
Anderson	Jared	S & P Global	Not Applicable
Bainbridge	Tom	Energy Harbor, LLC	Generation Owner
Baur	Sean	GlidePath Power Operations LLC	Generation Owner
Berton	Tyler	AEP Energy Partners, Inc.	Transmission Owner
Bockhorn	Tim	Dayton Power & Light Company (The)	Transmission Owner
Bowring	Joe	Monitoring Analytics	Not Applicable
Carmean	Gregory	OPSI	Not Applicable
Carrado	Regina	Exelon Business Services Company, LLC	Transmission Owner
Chandler	Kent	Kentucky Public Service Commission	Not Applicable
Christopher	Mahila	Public Utility Commission of Ohio	Not Applicable
Cocco	Michael	Old Dominion Electric Cooperative	Electric Distributor
Crystle	Gil	UGI Development Company	Generation Owner
Dasher	Brett	Energy Authority, Inc. (The)	Other Supplier
DeLosa	Joe	NJ Board of Public Utilities	Not Applicable
Denby	Brett	Northern Virginia Electric Cooperative (NOVEC)	Electric Distributor
Dennis	Jeff	Advanced Energy Economy	Not Applicable

DePillo	Ray	Public Service Electric & Gas Company	Transmission Owner
Domian	Christin	Duquesne Light Company	Transmission Owner
Drom	Rick	Not Applicable	Not Applicable
Duensing	Allison	Saracen Energy East LP	Other Supplier
Feller	John	PPL Electric Utilities Corporation	Transmission Owner
Filomena	Guy	Customized Energy Solutions, Ltd.*	Not Applicable
Foster	Denise	East Kentucky Power Cooperative, Inc.	Transmission Owner
Fuerst	Gary	Energy Harbor, LLC	Other Supplier
Fuess	Christian	White Pine Energy Consulting	Not Applicable
Gahimer	Mike	Indiana Office of Utility Consumer Counselor (IN OUCC)	End-Use Customer
Gates	Terry	AEP Energy Partners, Inc.	Transmission Owner
Gilani	Rehan	Consolidated Edison Company of New York, Inc.	Transmission Owner
Gorman	Kevin	The Highlands Energy Group, LLC	Other Supplier
Grau	Patrick	Apogee Energy Trading LLC	Other Supplier
Greiner	Gary	Public Service Electric & Gas Company	Transmission Owner
Guntle	Vince	American PowerNet Management, L.P.	End-Use Customer
Hannah	Kyle	Dominion Energy Generation Marketing, Inc.	Generation Owner
Hanser	Erik	Michigan Public Service Commission	Not Applicable
Hasan	Prusha	Advanced Energy Economy	Not Applicable
Heinle	Erik	Office of the People's Counsel for the District of Columbia	End-Use Customer
Heisey	Bradley	Tenaska Power Services Co.	Generation Owner
Heitmeyer	Chad	AEP Energy Partners, Inc.	Transmission Owner
Helms	Joe	Tyr Energy, LLC	Generation Owner
Holdbrook	Ruth	Northern Virginia Electric Cooperative (NOVEC)	Electric Distributor
Hollis	Gabriel	NextEra Energy Marketing, LLC	Other Supplier
Horning	Lynn	Customized Energy Solutions, Ltd.*	Not Applicable
Horton	Dana	Appalachian Power Company	Transmission Owner
Hudis	Gabriella	Gable Associates	Not Applicable
Hull	Gerit	American Municipal Power, Inc.	Electric Distributor
Janicki	Diane	Boston Energy Trading and Marketing LLC	Other Supplier
Johnston	Dave	Indiana Utility Regulatory Commission	Not Applicable
Kauffman	Brian	Enel Trading North America, LLC	Other Supplier
Kozhuharov	Dimitar	Delaware Public Service Commission	Not Applicable
Laios	Takis	Appalachian Power Company	Transmission Owner
Lamond	Bonnie	Rockland Electric Company	Transmission Owner
Lawson	Ryen	Dominion Energy Generation Marketing, Inc.	Generation Owner
Liang-Nicol	Cecilia	Energy Harbor, LLC	Generation Owner
Logan	Sharon	The Federal Energy Regulatory Commission	Not Applicable
Loesch	Jonathan	Energy Harbor, LLC	Other Supplier
Mariam	Yohannes	Office of the People's Counsel for the District of Columbia	End-Use Customer

Marinelli	Rich	Public Service Electric & Gas Company	Transmission Owner
Matheson	Eric	Pennsylvania Public Utility Commission	Not Applicable
Midgley	Sharon	Exelon Business Services Company, LLC	Transmission Owner
Mok	Alan	Duke Energy Business Services LLC	Transmission Owner
Nadel	Steven	PPL Electric Utilities Corporation	Transmission Owner
Nix	Emma	Gable Associates	Not Applicable
Norman	Doug	AES Laurel Mountain, LLC	Generation Owner
Norton	Chris	American Municipal Power, Inc.	Electric Distributor
Okenfuss	James	Savion, LLC	Not Applicable
Ondayko	Brock	AEP Energy Partners, Inc.	Transmission Owner
Pakela	Gregory	DTE Energy Trading, Inc.	Other Supplier
Pelletier	Eveline	H.Q. Energy Services (U.S.), LLC	Other Supplier
Phillips	Jennifer	Big Sandy Peaker Plan, LLC	Generation Owner
Pizzutelli	Ashley	FirstEnergy	Not Applicable
Rainey	Frank	PEI Power LLC	Generation Owner
Redwine	Arlo	The Federal Energy Regulatory Commission	Not Applicable
Robinson	Paul	The Federal Energy Regulatory Commission	Not Applicable
Rodriguez	Tomas	Illinois Commerce Commission	Not Applicable
Sasser	Jonathan	Customized Energy Solutions, Ltd.*	Not Applicable
Schreim	Morris	Maryland Public Service Commission	Not Applicable
Schum	Alice	Illinois Municipal Electric Agency	Electric Distributor
Segner	Sharon	Silver Run Electric, LLC	Transmission Owner
Seide	Richard	Apex Clean Energy Management LLC	Not Applicable
Shah	Pulin	Exelon Business Services Company, LLC	Transmission Owner
Sikora	Cliff	Not Applicable	Not Applicable
Singer	Chad	Trane Grid Services LLC	Other Supplier
Skucas	Ruta	Pierce Atwood	Not Applicable
Sotkiewicz	Paul	Elwood Energy, LLC	Generation Owner
Souder	Michelle	PJM Interconnection, LLC	Not Applicable
Squibb	Bill	Ohio Valley Electric Cooperation	Transmission Owner
Stone	Andy	Gable Associates	Not Applicable
Stuchell	Jeff	Energy Harbor, LLC	Other Supplier
Stupar	Rob	Invenergy, LLC	Generation Owner
Sweeney	Rory	GT Power Group, LLC	Not Applicable
Taylor	Robert	Exelon Generation Co., LLC	Generation Owner
Thomas	Amber	Exelon Business Services Company, LLC	Transmission Owner
VanAmburg	Cari	Recurrent, LLC	Generation Owner
Vargo	Daniel	Allegheny Electric Cooperative, Inc.	Electric Distributor
Walker	Jennifer	Exelon Business Services Company, LLC	Transmission Owner
Watson	Brian	Appalachian Power Company	Transmission Owner

Watson	Betty	Affirmed Energy LLC	Other Supplier
White	Brett	Edison Electric Institute	Not Applicable
Wilmoth	Emily	Virginia Electric & Power Company	Transmission Owner
Wilson	James	Virginia Electric & Power Company	Transmission Owner
Wisersky	Megan	Madison Gas & Electric Co.	Other Supplier
Yoder	Michael	RTO Insider	Not Applicable

PJM Attendees

Last Name	First Name	Company	Sector
Asthana	Manu	PJM Interconnection, LLC	Not Applicable
Baker	Scott	PJM Interconnection, LLC	Not Applicable
Bernabeu	Emanuel	PJM Interconnection, LLC	Not Applicable
Bernstein	Matthew	PJM Interconnection, LLC	Not Applicable
Bloczynski	Nigeria	PJM Interconnection, LLC	Not Applicable
Boyle	Glen	PJM Interconnection, LLC	Not Applicable
Bryson	Michael	PJM Interconnection, LLC	Not Applicable
Cao	Roger	PJM Interconnection, LLC	Not Applicable
Chmielewski	Brian	PJM Interconnection, LLC	Not Applicable
Connell	Jason	PJM Interconnection, LLC	Not Applicable
Coyne	Suzanne	PJM Interconnection, LLC	Not Applicable
DeVita	Thomas	PJM Interconnection, LLC	Not Applicable
DiSciullo	Nicholas	PJM Interconnection, LLC	Not Applicable
Downs	Jere	PJM Interconnection, LLC	Not Applicable
Drauschak	Lisa	PJM Interconnection, LLC	Not Applicable
Dumitriu	Nick	PJM Interconnection, LLC	Not Applicable
Esterly	Theresa	PJM Interconnection, LLC	Not Applicable
Fabiano	Janell	PJM Interconnection, LLC	Not Applicable
Fan	Zhenyu	PJM Interconnection, LLC	Not Applicable
Fernandez	Raymond	PJM Interconnection, LLC	Not Applicable
Fitzpatrick	Brian	PJM Interconnection, LLC	Not Applicable
Foley	Pauline	PJM Interconnection, LLC	Not Applicable
Glatz	Suzanne	PJM Interconnection, LLC	Not Applicable
Gluck	Jim	PJM Interconnection, LLC	Not Applicable
Greening	Michele	PJM Interconnection, LLC	Not Applicable
Haque	Asim	PJM Interconnection, LLC	Not Applicable
Hauske	Tom	PJM Interconnection, LLC	Not Applicable
Herel	Suzanne	PJM Interconnection, LLC	Not Applicable
Herman	Michael	PJM Interconnection, LLC	Not Applicable
Holter	Natasha	PJM Interconnection, LLC	Not Applicable
Horger	Tim	PJM Interconnection, LLC	Not Applicable

Hsia	Eric	PJM Interconnection, LLC	Not Applicable
Keech	Adam	PJM Interconnection, LLC	Not Applicable
Kenney	Susan	PJM Interconnection, LLC	Not Applicable
Kimmel	David	PJM Interconnection, LLC	Not Applicable
Konowal	Richard	PJM Interconnection, LLC	Not Applicable
Kovler	Ed	PJM Interconnection, LLC	Not Applicable
LaRocque	Matthew	PJM Interconnection, LLC	Not Applicable
Levitt	Andrew	PJM Interconnection, LLC	Not Applicable
Lukach	Jaclynn	PJM Interconnection, LLC	Not Applicable
McElwaine	Kathy	PJM Interconnection, LLC	Not Applicable
McGlynn	Paul	PJM Interconnection, LLC	Not Applicable
McGovern	Jason	PJM Interconnection, LLC	Not Applicable
McLaverty	Megan	PJM Interconnection, LLC	Not Applicable
Messina	Emmy	PJM Interconnection, LLC	Not Applicable
Mooney	Molly	PJM Interconnection, LLC	Not Applicable
Morelli	Lisa	PJM Interconnection, LLC	Not Applicable
Murphy	Shaun	PJM Interconnection, LLC	Not Applicable
O'Brien	Tom	PJM Interconnection, LLC	Not Applicable
Patel	Anita	PJM Interconnection, LLC	Not Applicable
Phillips	Darlene	PJM Interconnection, LLC	Not Applicable
Pilong	Melissa	PJM Interconnection, LLC	Not Applicable
Rocha Garrido	Patricio	PJM Interconnection, LLC	Not Applicable
Sarti	Daniel	PJM Interconnection, LLC	Not Applicable
Scheidecker	Paul	PJM Interconnection, LLC	Not Applicable
Schuyler	Ken	PJM Interconnection, LLC	Not Applicable
Seiler	Ken	PJM Interconnection, LLC	Not Applicable
Slusser	Jeff	PJM Interconnection, LLC	Not Applicable
Souder	David	PJM Interconnection, LLC	Not Applicable
Stanisz	Mark	PJM Interconnection, LLC	Not Applicable
Stefanowicz	Vince	PJM Interconnection, LLC	Not Applicable
Stotesbury	Christina	PJM Interconnection, LLC	Not Applicable
Thomas	Jack	PJM Interconnection, LLC	Not Applicable
Tribulski	Jennifer	PJM Interconnection, LLC	Not Applicable
Widom	Stuart	PJM Interconnection, LLC	Not Applicable