

Market Implementation Committee
PJM Conference & Training Center, Audubon, PA
January 8, 2020
9:00 a.m. – 4:00 p.m. EPT

Administration

1. Ms. Bhavana Keshavamurthy, PJM, provided announcements; reviewed the Antitrust, Code of Conduct, Public Meetings/Media Participation, the WebEx Participant Identification Requirement, and [Issue Tracking](#).

The Committee approved the draft minutes from the Dec. 11, 2019, Market Implementation Committee meeting by acclamation with **0 objections and 0 abstentions**.

First Readings

2. **Synchronized Reserve Variable Operation and Maintenance Cost**
Ms. Catherine Tyler, Monitoring Analytics, reviewed a problem statement and issue charge associated with the allowable level of variable operations and maintenance costs in synchronized reserve offers. The committee will be asked to approve the issue charge and endorse the proposed revisions to Manual 15: Cost Development Guidelines as part of the Quick Fix process outlined in Section 8.6.1 of Manual 34 at its next meeting.

Additional Items

3. **Update on PJM March 11 FERC filing on Capacity Market Capability of Energy Storage Resources**
Mr. Andrew Levitt, PJM, provided an update on the process to prepare PJM's brief to FERC on the Capability of Capacity Storage Resources in Docket EL19-100, due Mar. 11, 2020. Mr. Levitt will provide updates on the progress at the February and the March MIC meetings.
4. **Capacity Market Minimum Offer Price Rule (MOPR) Order**
Ms. Susan Riley, PJM Board of Managers Member and former Interim President and CEO, addressed the stakeholders and introduced PJM's President and CEO, Manu Asthana. Mr. Asthana addressed the stakeholders and emphasized the importance of the Dec. 19 FERC Order on PJM's capacity market and minimum offer price rule and that PJM was looking forward to hearing input from all stakeholders.
 - A. Mr. Adam Keech, PJM, provided an overview of the order FERC issued in Dockets EL16-49 and EL18-178 on Dec. 19, 2020. Stakeholders requested that PJM post a FAQ document listing all questions received on the MOPR order. Stakeholders also requested an additional meeting be scheduled to continue discussion on the order. Additional meetings have been scheduled for Jan. 28, 2020 and Feb. 19, 2020.
 - B. Mr. Paul Scheidecker, PJM, provided an overview of the pre-auction activities associated with running a Base Residual Auction.

- C. Mr. Pat Bruno, PJM, provided education on the existing rules surrounding election of the Fixed Resource Requirement Alternative.
- D. Ms. Lisa Morelli, PJM, reviewed the Forum participation guidelines and facilitated a discussion for stakeholders who shared their perspectives on the order's impact on their organization in the following order:
 - a. Ms. Marji Phillips and Mr. Tom Hoatson presented on behalf of LS Power.
 - b. Ms. Becky Robinson presented on behalf of Vistra Energy.
 - c. Mr. Jason Barker presented on behalf of Exelon.
 - d. Mr. Glen Thomas presented on behalf of PJM Power Providers.
 - e. Mr. John Brodbeck presented on behalf of EDP Renewables.
 - f. Mr. Kevin Kilgallen presented on behalf of Avangrid Renewables.
 - g. Mr. Brian Kauffman presented on behalf of Advanced Energy Management Alliance (AEMA).
 - h. Mr. Jeff Stein presented on behalf of American Petroleum Institute (API).
 - i. Ms. Supria Ranade presented on behalf Lightsource BP (LSBP).
 - j. Mr. Steve Lieberman presented on behalf American Municipal Power.
 - k. Mr. Ken Carretta presented on behalf of PSEG.
 - l. Mr. Jeff Dennis presented on behalf of Advanced Energy Economy (AEE) + Advanced Energy Buyers Group (AEBG).
 - m. Mr. Mike Borgatti presented on behalf of American Wind Energy Association (AWEA) and Solar Energy Industries Association (SEIA).
 - n. Ms. Sarah Novosel presented on behalf of Calpine Energy Services.
 - o. Mr. Tom Rutigliano presented on behalf of Sustainable FERC.

Informational Section

Note: Discussions on the [Stability Limits in Markets and Operations](#) agenda item will resume at the February MIC.

CP Unit Specific Parameter Update

Materials are posted as informational only.

Credit Subcommittee (CS)

Meeting materials will be posted to the [CS website](#).

Demand Response Subcommittee (DRS)

Meeting materials will be posted to the [DRS web site](#).

Intermittent Resources Subcommittee (IRS)

Meeting materials will be posted to the [IRS web site](#).

Market Settlements Subcommittee (MSS)

Meeting materials are posted to the [MSS web site](#).

Report on Market Operations

The Report on Market Operations will be reviewed during the [MC Webinar](#).

Future Meeting Dates

February 5, 2020	9:00 a.m.	PJM Conference & Training Center/ WebEx
March 11, 2020	9:00 a.m.	PJM Conference & Training Center/ WebEx
April 15, 2020	9:00 a.m.	PJM Conference & Training Center/ WebEx
May 13, 2020	9:00 a.m.	PJM Conference & Training Center/ WebEx
June 3, 2020	9:00 a.m.	PJM Conference & Training Center/ WebEx

Author: Bhavana Keshavamurthy

In-Person Meeting Attendees

Names	Company Name	Sector
Morelli, Lisa (Chair)	PJM Interconnection, LLC	Not Applicable
Keshavamurthy, Bhavana (Secretary)	PJM Interconnection, LLC	Not Applicable
Anders, David	PJM Interconnection, LLC	Not Applicable
Asthana, Manu	PJM Interconnection, LLC	Not Applicable
Barker, Jason	Exelon Business Services Company, LLC	Transmission Owner
Bastian, Jeff	PJM Interconnection, LLC	Not Applicable
Berg, William	Exelon Business Services Company, LLC	Transmission Owner
Bloczynski, Nigeria	PJM Interconnection, LLC	Not Applicable
Borgatti, Michael	Gabel and Associates	Not Applicable
Bowring, Joe	Monitoring Analytics, LLC	Not Applicable
Bresler, Stu	PJM Interconnection, LLC	Not Applicable
Brodbeck, John	EDP Renewables North America, LLC	Other Supplier
Bruno, Patrick	PJM Interconnection, LLC	Not Applicable
Buehler, Susan	PJM Interconnection, LLC	Not Applicable
Canter, David	Appalachian Power Company	Transmission Owner
Carlis, Jay	Community Energy	Generation Owner
Carmean, Greg	OPSI	Not Applicable
Carretta, Kenneth	PSEG Energy Resources and Trade LLC	Transmission Owner
Carrier, Ron	Direct Energy Business, LLC	Other Supplier
Chang, Sean	Shell Energy North America (US), LP	Other Supplier
Cocco, Michael	Old Dominion Electric Cooperative	Electric Distributor
Coultas, Ann	Invenergy, LLC	Generation Owner
Crystle, Gil	UGI Development Company	Transmission Owner
D'Alessandris, Lou	FirstEnergy Solutions Corp.	Transmission Owner
Dennis, Jeff	Advanced Energy Economy	Not Applicable
DePillo, Ray	PSEG Energy Resources and Trade LLC	Transmission Owner
Dillon, Matt	UGI Development Company	Generation Owner
Drauschak, Lisa	PJM Interconnection, LLC	Not Applicable
Dugan, Chuck	East Kentucky Power Cooperative, Inc.	Transmission Owner
Dumitriu, Nicolae	PJM Interconnection, LLC	Not Applicable
Fabiano, Janell	PJM Interconnection, LLC	Not Applicable
Filomena, Guy	Customized Energy Solutions, Ltd.	Not Applicable
Fink, Sari	American Wind Energy Management Corporation	Not Applicable
Fitch, Neal	NRG Power Marketing LLC	Generation Owner
Foldare, Kenneth	Tangible	Not Applicable
Foley, Imelda	Environmental Defense Fund	Not Applicable

Ford, Adrien	Old Dominion Electric Cooperative	Electric Distributor
Fuess, Christian	PBF Power Marketing	Generation Owner
Fuess, James	PBF Power Marketing	Generation Owner
Gardner, Michelle	NextEra Energy Marketing, LLC	Other Supplier
Glazer, Craig	PJM Interconnection, LLC	Not Applicable
Greening, Michele	PJM Interconnection, LLC	Transmission Owner
Haque, Asim	PJM Interconnection, LLC	Not Applicable
Helm, Gary	PJM Interconnection, LLC	Not Applicable
Hoatson, Tom	LS Power	Not Applicable
Holland, Cynthia	New Jersey Board of Public Utilities	Not Applicable
Holter, Natasha	PJM Interconnection, LLC	Not Applicable
Horger, Tim	PJM Interconnection, LLC	Not Applicable
Horstmann, John	Dayton Power & Light Company (The)	Transmission Owner
Hugee, Jacquelyn	PJM Interconnection, LLC	Not Applicable
Hyzinski, Tom	GT Power Group	Not Applicable
Jardot, Gina	Nautilus Power, LLC	Generation Owner
Johnson, Carl	Customized Energy Solutions, Ltd.*	Not Applicable
Kauffman, Brian	EnerNOC, Inc.	Other Supplier
Keech, Adam	PJM Interconnection, LLC	Not Applicable
Kerecman, Joe	Calpine Energy Services, L.P	Generation Owner
Khosla, Sachin	Exelon Business Services Company, LLC	Transmission Owner
Kilgallen, Kevin	Avangrid Renewables, LLC	Generation Owner
Kogut, George	New York Power Authority	Other Supplier
Levine, Jeffrey	ENGIE Energy Marketing NA, Inc.	Other Supplier
Levitt, Andrew	PJM Interconnection, LLC	Not Applicable
Lieberman, Steve	American Municipal Power, Inc.	Electric Distributor
Litchfield, Matt	CPV Maryland, LLC	Generation Owner
Lowe, Connie	Virginia Electric & Power Company	Transmission Owner
Lu, Chenchao	PJM Interconnection, LLC	Not Applicable
Mabry, David	McNees Wallace & Nurick LLC	Not Applicable
Matheson, Eric	Pennsylvania Public Utility Commission	Not Applicable
Meadors, Mandy	Duke Energy Ohio, Inc	Transmission Owner
Midgley, Sharon	Exelon Business Services Company, LLC	Transmission Owner
Nagle, Mack	sPower Development Company	Not Applicable
Nicols, Ross	Adapt2 Solutions, Inc.	Not Applicable
Nix, Emma	Gable and Associates	Not Applicable
Novosel, Sarah	Calpine Energy Services, L.P	Generation Owner
O'Brien, Tom	PJM Interconnection, LLC	Not Applicable
OHara, Christopher	PJM Interconnection, LLC	Not Applicable
Philips, Darlene	PJM Interconnection, LLC	Not Applicable
Phillips, Jennifer	Middle River Power LLC	Not Applicable
Philips, Marjorie	Direct Energy Business, LLC	Other Supplier
Place, Andrew	Pennsylvania Public Utility Commission	Not Applicable
Price, Ruth	Division of the Public Advocate of the State of Delaware	End User Customer
Quinn, Arnie	Vistra Energy	Generation Owner
Riley, Susan	PJM Interconnection, LLC	Not Applicable
Robinson, Becky	Vistra Energy	Not Applicable
Rohrbach, John	ACES Power	Not Applicable
Salmon, Lisa	PJM Interconnection, LLC	Not Applicable
Scarpignato, David	Calpine Energy Services, L.P	Generation Owner

Scheidecker, Paul	PJM Interconnection, LLC	Not Applicable
Schreim, Morris	Maryland Public Service Commission	Not Applicable
Seide, Richard	Apex Clean Energy	Not Applicable
Smith, Christen	RTO Insider	Not Applicable
Sotkiewicz, Paul	E-Cubed Policy Associates LLC	Not Applicable
Stein, Jeff	American Petroleum Institute	Not Applicable
Sweeney, Rory	GT Power Group	Not Applicable
Theodore, Sharon	Electric Power Supply Association	Not Applicable
Thomas, Glen	PJM Power Providers	Not Applicable
Toomey, Megan	Talen Energy Marketing, LLC	Generation Owner
Tribulski, Jennifer	PJM Interconnection, LLC	Not Applicable
Vayda, Brian	Borough of Park Ridge, NJ	Electric Distributor
Whitehead, Jeffrey	GT Power Group	Not Applicable
Widom, Stu	PJM Interconnection, LLC	Not Applicable
Wilson, Bert	NextPower III US Holdco, Inc.	Generation Owner
Wynder, Michael	Nodal Exchange	Not Applicable

Webex Meeting Attendees

Names	Company Name	Sector
Adams, Chris	East Kentucky Power Cooperative, Inc.	Transmission Owner
Adhikari, Utsav	Sol Systems	Not Applicable
Alvarez, Asavari	Caithness Energy	Not Applicable
Ament, Todd	Cube Hydro	Generation Owner
Anderson, Jared	SPG Global	Not Applicable
Anthony, Jason	Korean Energy Limited	Not Applicable
Applebaum, David	NextEra Energy Marketing, LLC	Other Supplier
Armstrong, Brian	Leidos	Not Applicable
Auromond, Antoine	Bank of America	Not Applicable
Bade, Gavin	Politico	Not Applicable
Bagot, Nancy	Electric Power Supply Association	Not Applicable
Baizman, Aaron	PJM Interconnection, LLC	Not Applicable
Balasubramanian, Shivapriya	Madison Energy Investments	Not Applicable
Banks, Carla	Rockland Capital	Not Applicable
Bayless, Charles	North Carolina Electric Membership Corporation	Electric Distributor
Bell, Jessica	NYU	Not Applicable
Bentz, Jeff	NESCOE	Not Applicable
Berend, Seth	Calpine Energy Services, L.P	Generation Owner
Bergedieck, Laura	RWE Renewables Americas, LLC	Generation Owner
Bernstein, Matthew	PJM Interconnection, LLC	Not Applicable
Bhavaraju, Murty	PJM Interconnection, LLC	Not Applicable
Bickerstaff, Dean	Hartree Partners, LLC	Other Supplier
Binder, Gerry	SESCO Enterprises LLC	Other Supplier
Bloodworth, Michelle	America's Power	Not Applicable
Bockhorn, Tim	AES Ohio Generation, LLC	Generation Owner
Boyd, Adam	Constellation Energy Services, Inc.	Other Supplier
Boyle, Glen	PJM Interconnection, LLC	Not Applicable
Branch, John	NAES	Not Applicable
Brozina, Mark	Tangible LLC	Not Applicable
Bruce, Susan	McNees Wallace & Nurick LLC	Not Applicable
Brunner, Markus	Mercuria Energy America	Other Supplier
Bruno, Joshua	PJM Interconnection, LLC	Not Applicable
Bryson, Mike	PJM Interconnection, LLC	Not Applicable

Buck, Rachel	PJM Interconnection, LLC	Not Applicable
Burdis, Tim	PJM Interconnection, LLC	Not Applicable
Burk, Matt	Mpower Energy NJ LLC	Other Supplier
Burlew, Jim	PJM Interconnection, LLC	Not Applicable
Callaghan, Chris	PJM Interconnection, LLC	Not Applicable
Campbell, Bruce	EnergyConnect, Inc.	Other Supplier
Cano, Jessica	Appalachian Power Company	Transmission Owner
Carroll, Rebecca	PJM Interconnection, LLC	Not Applicable
Catanach, James	FirstEnergy Solutions Corp.	Transmission Owner
Cavan, Peter	Centrica PLX	Not Applicable
Cavanaugh, Dave	Energy New England	Not Applicable
Caven, Augustine	PJM Interconnection, LLC	Not Applicable
Cawley, Troy	PJM Interconnection, LLC	Not Applicable
Chan, Carlotta	PSEG Energy Resources and Trade LLC	Transmission Owner
Chandler, Kent	Public Utilities Commission of Kentucky	Not Applicable
Chang, Max	Synapse Energy	Not Applicable
Chen, Michael	Duke Energy	Transmission Owner
Chintapalli, Raj	BP Energy Company	Other Supplier
Chmielewski, Brian	PJM Interconnection, LLC	Not Applicable
Chocarro, Iker	RWE Renewables Americas, LLC	Generation Owner
Christopher, Mahila	Ohio Public Utility Commission	Not Applicable
Ciabattoni, Joe	PJM Interconnection, LLC	Not Applicable
Cizenski, Mike	State Corporation Commission - Commonwealth of Virginia	Not Applicable
Collins, Ryan	Wright Law	Not Applicable
Covello, Philip	Exodus Point Capital	Not Applicable
Cox, Jason	EDF Energy Services	Not Applicable
Coyne, Suzanne	PJM Interconnection, LLC	Not Applicable
Croop, Danielle	PJM Interconnection, LLC	Not Applicable
D'Antonio, Phil	PJM Interconnection, LLC	Not Applicable
Dasher, Brett	Energy Authority, Inc. (The)	Other Supplier
Davis, Elizabeth	PJM Interconnection, LLC	Not Applicable
Davis, Jim	Dominion Energy	Transmission Owner
Dean, Ronald	Commonwealth Edison Company	Transmission Owner
Delaney, Liz	Borrego Solar Systems	Not Applicable
DeLosa, Joe	NJ Board of Public Utilities	Not Applicable
Diiorio, Michelle	PSEG Energy Resources and Trade LLC	Transmission Owner
DiNicola, Laura	FirstEnergy Solutions Corp.	Transmission Owner
Dolan, Jim	PJM Interconnection, LLC	Not Applicable
Domian, Christin	Duquesne Light Company	Transmission Owner
Doremus, Steve	Enel X North America	Other Supplier
Douglass, Robert	Constellation Energy Services, Inc.	Other Supplier
Drom, Richard	Eckert Seamans	Not Applicable
Dubon, Giovanni	BayWa r.e.	Not Applicable
Dugan, Bill	Customized Energy Solutions	Not Applicable
Durinsky, Mike	FirstEnergy Solutions Corp.	Transmission Owner
Ehrichs, Lisa	Duke Energy	Transmission Owner
Eichner, Eric	Calpine Energy Services, L.P	Not Applicable
Endress, Eric	PJM Interconnection, LLC	Not Applicable
Ellis, Dean	BP Energy Company	Other Supplier
Erffmeyer, Jack	Illinois Attorney General Office	Not Applicable
Essah, David	State Corporation Commission - Commonwealth of Virginia	Not Applicable
Esterly, Theresa	PJM Interconnection, LLC	Not Applicable
Evrard, David	The Pennsylvania Office of Consumer Advocate	Not Applicable
Everngam, Scott	Blue Horse Shoe Energy	Not Applicable
Fan, Zhenyu	PJM Interconnection, LLC	Not Applicable

Mancuso, Melanie	FirstEnergy Solutions Corp.	Transmission Owner
Mariam, Yohannes	Office of the Peoples Counsel for the District of Columbia	End User Customer
Markiewicz, Cindy	FirstEnergy Solutions Corp.	Transmission Owner
Martin, Chris	Bloomberg	Not Applicable
Marzewski, Skyler	Monitoring Analytics, LLC	Not Applicable
Matsuzak,Alex	UGI Enegy Services	Other Supplier
McAlister, Lisa	American Municipal Power, Inc.	Electric Distributor
McClelland, Charlie	Long Road Energy	Not Applicable
McDaniel, John	Baltimore Gas and Electric Company	Transmission Owner
McDonald, Steve	Customized Energy Solutions, Ltd.*	Not Applicable
McGlynn, Paul	PJM Interconnection, LLC	Not Applicable
McGovern, Jason	PJM Interconnection, LLC	Not Applicable
McNeil, Justin	Kentucky Public Service Commission	Not Applicable
Melvin, Jasmin	SPG Global	Not Applicable
Messina, Emmy	PJM Interconnection, LLC	Not Applicable
Mihaly, Imola	Nautilus Power, LLC	Generation Owner
Miller, John	Commonwealth Edison Company	Transmission Owner
Mitchell, Miles	Maryland Public Service Commission	Not Applicable
Mok, Alan	Duke Energy Kentucky, Inc.	Transmission Owner
Monzon, Stephanie	PJM Interconnection, LLC	Not Applicable
Mooney, Jeff	FirstEnergy Solutions Corp.	Transmission Owner
Mooney, Molly	PJM Interconnection, LLC	Not Applicable
Murray, Kevin	Industrial Energy Users-Ohio	Other Supplier
Murray, Ryan	CMS Energy Resource Management Company	Other Supplier
Naftel, Jackson	Strata Solar	Not Applicable
Nelson, Joe	Van Ness Feldman LLP	Not Applicable
Nicholson, Emma	CEA Advisors	Not Applicable
Nowell, Cynthia	Potomac Electric Power Company	Electric Distributor
Nyquist, Cynthia	Electric Power Supply Association	Not Applicable
O'Boyle, Brian	Consolidated Edison Solutions, Inc.	Transmission Owner
Ochsenhirt, Fred	Consolidated Edison Solutions, Inc	Transmission Owner
Ogden, Henry	New Jersey Division of Rate Counsel	Not Applicable
O'Hara, Brian	Strata Solar	Not Applicable
Olaleye, Michael	PJM Interconnection, LLC	Not Applicable
Olson, Brian	Black Start Capital	Not Applicable
Ondayko, Brock	Appalachain Power Company	Transmission Owner
O'Neill, Jack	PJM Interconnection, LLC	Not Applicable
Oppel, Laurie	Grid Advisors	Not Applicable
Oshea, Katie	GPG	Not Applicable
Parker, Seth	Levitan	Not Applicable
Pakela, Gregory	DTE Energy Trading, Inc.	Other Supplier
Patel, Anjali	Office of People's Counsel of DC	Not Applicable
Patel, Keyurbhai	PJM Interconnection, LLC	Not Applicable
Patterson, Paul	Glen Rock	Not Applicable
Pegram, Jeff	Exelon Business Services Company, LLC	Transmission Owner
Pelletier, Eveline	Hydro-Quebec	Not Applicable
Peoples, John	Duquesne Light Company	Transmission Owner
Perera, Asanga	PJM Interconnection, LLC	Not Applicable
Pieniazek, Marie	NRG Energy	Not Applicable
Pilong, Chris	PJM Interconnection, LLC	Not Applicable
Pilong, Melissa	PJM Interconnection, LLC	Not Applicable
Pincus,Steve	PJM Interconnection, LLC	Not Applicable
Pizzutelli, Ashley	First Energy	Transmission Owner
Poprocki, Jim	Interstate Gas Supple	Other Supplier
Powers,Sean	Linde, LLC	End User Customer

Pritchard, Matt	McNees Wallace & Nurick LLC	Not Applicable
Proconiar, Jason	Ohio Electric Cooperative	Not Applicable
Purdie, Michael	Dominion Virginia Power	Transmission Owner
Raggio, Denra	Talen Energy Marketing, LLC	Generation Owner
Rainey, Frank	ETC Endure Energy	Other Supplier
Rajan , Abhijit	Dominion Resources	Not Applicable
Ranade, Supria	Lightsource BP	Generation Owner
Rasmussen, Jay	Duke Energy	Transmission Owner
Reeping, Bob	Ohio Edison Company	Transmission Owner
Reiss, Gregory	Centenus Global Management	Not Applicable
Rempe, Kurt	Fred Law	Not Applicable
Rigney, Peter	PPMS	Not Applicable
Roberts, Casey	Sierra Club	Not Applicable
Robichaud, Donna	Geenex Solar	Generation Owner
Rodriguez, Tomas	Illinois Commerce Commission	Not Applicable
Rosenthal, Peter	Energy Aspects	Not Applicable
Rutigliano, Tom	NRDC	Not Applicable
Saini, Ishwar	Macquarie Energy	Other Supplier
Salaneck, Alexandra	Monitoring Analytics, LLC	Not Applicable
Sasser, Jonathan	Customized Energy Solutions, Ltd.*	Not Applicable
Satter, Susan	Office of Illinois Attorney General	Not Applicable
Scherer, Paul	Commonwealth Edison Company	Transmission Owner
Schweizer, David	PJM Interconnection, LLC	Not Applicable
Scribano, Jocelyn	Lightsource BP	Generation Owner
Shah, Vijay	PJM Interconnection, LLC	Not Applicable
Shanker , Roy	H.Q. Energy Services (U.S.), Inc.	Other Supplier
Shealy, Erin	GD Associates	Not Applicable
Shelekhin, Anya	Bank of America	Not Applicable
Shelton, Chris	Millennium Power	Not Applicable
Sheilds, Jeff	PJM Interconnection, LLC	Not Applicable
Simon, Dan	Clark Hill	Not Applicable
Singer, Chad	Fellon McCord	Not Applicable
Singh, Harliv	PJM Interconnection, LLC	Not Applicable
Singh, Harsimran	Eastern Generation	Generation Owner
Slager, Cortney	NRG Power Marketing LLC	Generation Owner
Slater, Andrew	Delaware Public Service Commission	Not Applicable
Slifer, Diane	Viauna	Not Applicable
Sperrazza, Justin	Jpower USA	Not Applicable
Spinosi, Jennifer	Clean Choice Energy	Other Supplier
Squibb, Bill	Ohio Valley Electric Corporation	Generation Owner
Stadelmeyer, Rebecca	PJM Interconnection, LLC	Not Applicable
Stefanowicz, Vince	PJM Interconnection, LLC	Not Applicable
Sterling, John	First Solar	Not Applicable
Stern, Alex	PSEG Energy Resources and Trade LLC	Transmission Owner
Sternisha, Lori	Ohio Public Utility Commission	Not Applicable
Stone, Andy	PJM Interconnection, LLC	Not Applicable
Strella, Lauren	PJM Interconnection, LLC	Not Applicable
Sturgeon, John	Duke Energy Carolinas, LLC	Other Supplier
Sundstorm, Craig	Innogy	Not Applicable
Swalwell, Brad	Tangent Energy	Other Supplier
Szeto, Connie	PBF Power Marketing	Other Supplier
Tabak, Gabe	AWEA	Not Applicable
Taborsky, Craig	Maryland Public Service Commission	Not Applicable
Tangirala, Subha	ABB	Not Applicable
Tatum, Ed	American Municipal Power, Inc.	Electric Distributor

Thomas, Sharon
Thomas-Friel, Felicia
Tsikirayi, Edward
Tully, Pat
VanderHelm, Kyle
Vargo, Daniel
Wade, Diamond
Wadsworth, Joseph
Walter, Laura
Ward, Michael
Warshel, Kim
Weaver, Dave
Webster, John
Wehr, Christopher
Weiss, Greg
Wheat, Mary
Wilhite, Chad
Willey, Amy
Wilson, Bram
Wray, Gizelle
Wright, James
Xenopoulous, Damon
Xu, Xu
Zeng, Claire

Energy Storage
New Jersey Division of Rate Counsel
Levitan
Other
Tenaska Power Services
CCS Energy
Office of People's Counsel of DC
Vitol Inc.
PJM Interconnection, LLC
PJM Interconnection, LLC
PJM Interconnection, LLC
Exelon Business Services Company, LLC
Icetec.com, Inc.
First Energy
Ameren
Calpine Energy Services, L.P
FirstEnergy Solutions Corp.
Delaware Public Service Commission
EFW, Inc
SEIA
Old Dominion Electric Cooperative
N/A
PJM Interconnection, LLC
Bank of America

Not Applicable
Not Applicable
Not Applicable
Not Applicable
Generation Owner
Other Supplier
Not Applicable
Other Supplier
Not Applicable
Not Applicable
Not Applicable
Transmission Owner
Other Supplier
Transmission Owner
Not Applicable
Generation Owner
Transmission Owner
Not Applicable
Not Applicable
Not Applicable
Not Applicable
Electric Distributor
Not Applicable
Not Applicable
Not Applicable

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