

Energy Price Formation Sr. Task Force
PJM Conference and Training Center
October 12, 2018
9:00 a.m. EPT

Administration

1. Mr. Dave Anders and Mr. Vijay Shah provided announcements, reviewed the Anti-trust, Code of Conduct and PJM meeting guidelines policies and performed in-room roll-call
2. The Senior Task Force approved draft minutes from the September 26, 2018 Energy Price Formation Senior Task Force (EPFSTF) meeting.
3. Mr. Dave Anders reviewed work plan for EPFSTF, highlighting the remaining meeting schedule and plan for when voting will take place. The task force is requested to be prepared to vote on phase 1 work after the November 1, 2018 EPFSTF meeting.
4. Ms. Amanda Egan discussed steps stakeholder can take to prepare for voting. Stakeholders should ensure they are registered and on the EPFSTF roster for every entity they represent.

Simulation Results

5. Simulation Results – PJM reviewed updates made to the simulation results data of the PJM proposal based on stakeholder request that were made and takeaways from the September 26, 2018 Task Force meeting.

Operating Reserve Demand Curve (ORDC)

6. ORDC Discussion - Dr. Catherine Tyler, IMM, provided updates to the latest IMM proposal for the EPFSTF and followed up on feedback from the September 26, 2018 Task Force meeting.

Matrix (11:15-Noon)

7. Matrix
 - A. PJM and IMM staff reviewed the latest changes to the Must Offer requirements proposal.
 - B. Mr. Vijay Shah led a discussion capturing design components and options to the EPFSTF matrix focusing on the short term goals.

Future Agenda Items

Future Meeting Dates

September 26, 2018	10:00 a.m.	PJM Conference & Training Center/ WebEx
October 12, 2018	9:00 a.m.	PJM Conference & Training Center/ WebEx
November 1, 2018	9:00 a.m.	PJM Conference & Training Center/ WebEx
November 28, 2018	9:00 a.m.	PJM Conference & Training Center/ WebEx
December 14, 2018	9:00 a.m.	PJM Conference & Training Center/ WebEx

Author: Vijay Shah

Attendees (In Person)

Last Name, First Name	Company	Sector
Anders, David	PJM Interconnection, LLC	Not Applicable
Bowring, Joe	Monitoring Analytics, LLC	Not Applicable
Bruce, Susan	McNees Wallace & Nurick LLC	Not Applicable
Chao, Hung-Po	PJM Interconnection, LLC	Not Applicable
Ciabattoni, Joseph	PJM Interconnection, LLC	Not Applicable
Fitch, Neal	NRG Power Marketing LLC	Generation Owner
Foladare, Kenneth	Tangibl	Not Applicable
Ford, Adrien	Old Dominion Electric Cooperative	Electric Distributor
Hendrzak, Chantal	PJM Interconnection, LLC	Not Applicable
Horger, Tim	PJM Interconnection, LLC	Not Applicable
Johnson, Carl	Customized Energy Solutions, Ltd.	Not Applicable
Keech, Adam	PJM Interconnection, LLC	Not Applicable
Marcino, Angelo	PJM Interconnection, LLC	Not Applicable
Midgley, Sharon	Exelon Business Services Company, LLC	Transmission Owner
Morelli, Lisa	PJM Interconnection, LLC	Not Applicable
Perera , Asanga	PJM Interconnection, LLC	Not Applicable
Pratzon, David	GT Power Group	Not Applicable
Scarpignato, David	Calpine Energy Services, L.P.	Generation Owner
Shah, Vijay	PJM Interconnection, LLC	Not Applicable
Suh, Jung	Calpine Energy Services, L.P.	Generation Owner
Thomas, Jack	PJM Interconnection, LLC	Not Applicable
Tyler, Catherine	Monitoring Analytics	Not Applicable
Warshel, Kim	PJM Interconnection, LLC	Not Applicable
Whitehead, Jeffrey	GT Power Group	Not Applicable
Williams, Stanley	PJM Interconnection, LLC	Not Applicable

Attendees (Teleconference)

Last Name, First Name	Company	Sector
Ainspan, Malcolm	Energy Curtailment Specialists, Inc.	Other Supplier
Barker, Jason	Exelon Business Services Company, LLC	Transmission Owner
Benchek, Jim	American Transmission Systems, Inc.	Transmission Owner
Bickerstaff, Dean	Hartree Partners	Other Supplier
Bonner, Charles	Dominion Virginia Power	Not Applicable
Brodbeck, John	EDP Renewables North America, LLC	Other Supplier
Campbell, Bruce	EnergyConnect, Inc.	Other Supplier
Carmean, Gregory	OPSI	Not Applicable
Carroll, Rebecca	PJM Interconnection, LLC	Not Applicable
Chintapalli, Raj	Galt Power Inc.	Other Supplier
Chung, Taewoo	Millenium	Not Applicable
Cocco, Michael	Old Dominion Electric Cooperative	Electric Distributor
Coyne, Suzanne	PJM Interconnection, LLC	Not Applicable
D'Alessandris, Lou	FirstEnergy Solutions Corp.	Transmission Owner
Dasher, Brett	Energy Authority, Inc. (The)	Other Supplier
Davis, Elizabeth	PJM Interconnection, LLC	Not Applicable
DeLosa, Joseph	DE Public Service Commission	Not Applicable
Depillo, Raymond	PSEG Energy Resources and Trade LLC	Other Supplier
Evrard, David	Pennsylvania Office of Consumer Advocate	End User Customer
Filomena, Guy	Customized Energy Solutions, Ltd.	Not Applicable
Fletcher, Jennifer	FERC	Not Applicable
Gahimer, Mike	IN Office of Utility Consumer Counselor	End User Customer
Garnett, Bryan	Duke Energy Ohio, Inc.	Transmission Owner
Gates, Terry	Appalachian Power Company	Transmission Owner
Gilani, Rehan	ConEdison Energy, Inc.	Other Supplier
Greiner, Gary	PSEG Energy Resources and Trade LLC	Other Supplier
Grimes, Jordan	Morningstar Commodity Data	Not Applicable
Guo, JauJia	Appalachian Power Company	Transmission Owner
Hastings, David	Market Interconnection LLC	Not Applicable
Heinle, Frederick	Office of the People's Counsel	End User Customer
Helms, Joseph	Rainbow Energy Marketing Corporation	Other Supplier
Herel, Suzanne	RTO Insider	Not Applicable
Hoatson, Tom	Riverside Generating, LLC	Other Supplier
Hohenshilt, Jennifer	Talen Energy Marketing, LLC	Generation Owner
Holter, Natasha	PJM Interconnection, LLC	Not Applicable
Horstmann, John	Dayton Power & Light Company (The)	Transmission Owner
Hsia, Eric	PJM Interconnection, LLC	Not Applicable

Hyzinski, Tom	GT Power Group	Not Applicable
Janicki, Diane	Boston Energy Trading & Marketing, LLC	Generation Owner
Jett, Jason	BYHM Capital LLC	Not Applicable
Jha, Monica	PCI	Not Applicable
Kelly, Stephen	Brookfield Energy Marketing LP	Other Supplier
Kenney, Susan	PJM Interconnection, LLC	Not Applicable
Kimmel, David	PJM Interconnection, LLC	Not Applicable
Kline, Marc	West Deptford Energy LLC	Generation Owner
LaRocque, Matthew	PJM Interconnection, LLC	Not Applicable
Little, John	PSNC Energy	Not Applicable
Long, Amanda	PJM Interconnection, LLC	Not Applicable
Lutterbeck, Felix	Other	Not Applicable
Mabry, David	McNees Wallace & Nurick LLC	Not Applicable
Mariam, Yohannes	Office of the Peoples Counsel for the District of Columbia	End User Customer
Matzen, Jeff	Dominion Retail, Inc.	Not Applicable
Mendelsohn, Mark	Noble Americas Gas & Power Corp.	Other Supplier
Moazen, Neda	TransAlta Energy Marketing (U.S.) Inc.	Other Supplier
Mohler, Tina	PJM Interconnection, LLC	Not Applicable
Murray, Kevin	McNees Wallace & Nurick LLC	Not Applicable
Nash, Garth	Bruce Power Inc.	Other Supplier
Ondayko, Brock	Appalachain Power Company	Transmission Owner
O'Neill, Jack	PJM Interconnection, LLC	Not Applicable
Pakela, Greg	DTE Energy Trading, Inc.	Other Supplier
Patel, Keyurbhai	PJM Interconnection, LLC	Not Applicable
Pelletier, Eveline	Hydro-Quebec	Not Applicable
Philips, Marjorie	Direct Energy Business, LLC	Other Supplier
Poulos, Greg	CAPS	Not Applicable
Price, Ruth Ann	Division of the Public Advocate of the State of Delaware	End User Customer
Rohrbach, John	Southern Maryland Electric Cooperative	Electric Distributor
Ruck, Andrew	PSEG Energy Resources and Trade, LLC	Other Supplier
Schuyler, Ken	PJM Interconnection, LLC	Not Applicable
Seibel, August	Roundtop Energy LLC	Generation Owner
Shanker, Roy	H.Q. Energy Services (U.S.), Inc.	Other Supplier
Sock, Bryan	PSEG Energy Resources and Trade LLC	Transmission Owner
Stancombe, Corey	Duke Energy Kentucky, Inc.	Transmission Owner
Sturgeon, John	Duke Energy Carolinas, LLC	Other Supplier
Sweeney, Rory	RTO Insider	Not Applicable
Vargo, Daniel	Allegheny Electric Cooperative, Inc.	Electric Distributor

Vayda, Brian	Borough of Park Ridge, NJ	Electric Distributor
Ward, Michael	PJM Interconnection, LLC	Not Applicable
Wilhite, Chad	FirstEnergy Solutions Corp.	Transmission Owner
Wilson, Bram	Diamond State Generation Partners, LLC	Generation Owner
Wilson, James	Wilson Energy Economics	Not Applicable

Antitrust:

You may not discuss any topics that violate, or that might appear to violate, the antitrust laws including but not limited to agreements between or among competitors regarding prices, bid and offer practices, availability of service, product design, terms of sale, division of markets, allocation of customers or any other activity that might unreasonably restrain competition. If any of these items are discussed the chair will re-direct the conversation. If the conversation still persists, parties will be asked to leave the meeting or the meeting will be adjourned.

Code of Conduct:


As a mandatory condition of attendance at today's meeting, attendees agree to adhere to the PJM Code of Conduct as detailed in PJM Manual M-34 section 4.5, including, but not limited to, participants' responsibilities and rules regarding the dissemination of meeting discussion and materials.

Public Meetings/Media Participation:

Unless otherwise noted, PJM stakeholder meetings are open to the public and to members of the media. Members of the media are asked to announce their attendance at all PJM stakeholder meetings at the beginning of the meeting or at the point they join a meeting already in progress. Members of the Media are reminded that speakers at PJM meetings cannot be quoted without explicit permission from the speaker. PJM Members are reminded that "detailed transcriptional meeting notes" and white board notes from "brainstorming sessions" shall not be disseminated. Stakeholders are also not allowed to create audio, video or online recordings of PJM meetings. PJM may create audio, video or online recordings of stakeholder meetings for internal and training purposes, and your participation at such meetings indicates your consent to the same.

Participant Identification in WebEx:

When logging into the WebEx desktop client, please enter your real first and last name as well as a valid email address. Be sure to select the "call me" option. PJM support staff continuously monitors WebEx connections during stakeholder meetings. Anonymous users or those using false usernames or emails will be dropped from the teleconference.

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<p>Join a Meeting</p>	<ol style="list-style-type: none"> 1. Join meeting in the WebEx desktop client 2. Enter name (<i>First and Last*</i>) and corporate email 3. Under "Select Audio Option" select "Call Me" option from the dropdown menu

**Note: Anonymous users or those using false usernames or emails will be dropped from the teleconference.*

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