

**Energy Price Formation Sr. Task Force**  
**PJM Conference and Training Center**  
**November 1, 2018**  
**12:30 p.m. – 5:30 p.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 October 12, 2018 Energy Price Formation Senior Task Force (EPFSTF) meeting.
3. Ms. Amanda Egan reviewed steps stakeholder can take to prepare for voting and demo the voting application. Stakeholders are requested to review that they are on the EPFSTF roster for all companies they represent.

## Simulation Results

4. Simulation Results – PJM reviewed additional data that was posted for the previously completed simulations of the PJM proposal based on stakeholder requests.

## Packages

5. Mr. Adam Keech, PJM, provided presentation on the alignment of the PJM package with its solution goals. Mr. Keech will also summarize other pending initiatives related to energy and reserves pricing in response to Stakeholder requests.
6. Dr. Catherine Tyler, IMM, provided presentation reviewing IMM goals and proposed solution. Dr. Tyler, will also review simulation results of the IMM proposal.
7. Mr. Gregory Pakela, DTE Energy Trading, provided a presentation reviewing DTE Energy Trading's proposal for the EPFSTF.
8. Mr. James Wilson, Wilson Energy Economics, will provide a presentation commenting on PJM's proposal of the Operating Reserve Demand Curve (ORDC).

## Work plan

9. Mr. Dave Anders reviewed the latest work plan for EPFSTF, highlighting remaining meeting schedule and plan for when voting will take place. As a takeaway from the meeting, the voting for EPFSTF packages has been delayed. A new work plan is being developed for the Task Force.

## Future Agenda Items

## Future Meeting Dates

November 28, 2018  
December 14, 2018

9:00 a.m.  
9:00 a.m.

PJM Conference & Training Center/ WebEx  
PJM Conference & Training Center/ WebEx

## Attendees (In Person)

Last Name, First Name	Company	Sector
Anders, David	PJM Interconnection, LLC	Not Applicable
Barker, Jason	Exelon Business Services Company, LLC	Transmission Owner
Benckek, Jim	American Transmission Systems, Inc.	Transmission Owner
Bennett, Stephen	PJM Interconnection, LLC	Not Applicable
Bowring, Joe	Monitoring Analytics, LLC	Not Applicable
Boyle, Glen	PJM Interconnection, LLC	Not Applicable
Brodbeck, John	EDP Renewables North America, LLC	Other Supplier
Bruce, Susan	McNees Wallace & Nurick LLC	Not Applicable
Ciabattoni, Joseph	PJM Interconnection, LLC	Not Applicable
Devita, Thomas	PJM Interconnection, LLC	Not Applicable
Dirani, Rami	PJM Interconnection, LLC	Not Applicable
Ford, Adrien	Old Dominion Electric Cooperative	Electric Distributor
Horger, Tim	PJM Interconnection, LLC	Not Applicable
Keech, Adam	PJM Interconnection, LLC	Not Applicable
Lieberman, Steven	American Municipal Power, Inc.	Electric Distributor
Marcino, Angelo	PJM Interconnection, LLC	Not Applicable
Midgley, Sharon	Exelon Business Services Company, LLC	Transmission Owner
Morelli, Lisa	PJM Interconnection, LLC	Not Applicable
Olaleye, Michael	PJM Interconnection, LLC	Not Applicable
Pakela, Gregg	DTE Energy Trading, Inc.	Other Supplier
Phillips, Jennifer	C.P. Crane LLC / Big Sandy Peaker	Generation Owner
Pilong, Chris	PJM Interconnection, LLC	Not Applicable
Pratzon, David	GT Power Group	Not Applicable
Rocha Garrido, Patricio	PJM Interconnection, LLC	Not Applicable
Rohrbach, John	Southern Maryland Electric Cooperative	Electric Distributor
Tyler, Catherine	Monitoring Analytics	Not Applicable
Velasco, Cheryl Mae	PJM Interconnection, LLC	Not Applicable
Warshel, Kim	PJM Interconnection, LLC	Not Applicable
Whitehead, Jeffrey	GT Power Group	Not Applicable
Zhang, Mike	PJM Interconnection, LLC	Not Applicable

## Attendees (Teleconference)

Last Name, First Name	Company	Sector
Ainspan, Malcolm	Energy Curtailment Specialists, Inc.	Other Supplier
Belley, Guillaume	Merrill Lynch Commodities, Inc.	Other Supplier
Bonner, Charles	Dominion Virginia Power	Not Applicable
Bruno, Patrick	PJM Interconnection, LLC	Not Applicable
Campbell, Bruce	EnergyConnect, Inc.	Other Supplier
Canter, David	Appalachian Power Company	Transmission Owner
Cawley, Troy	PJM Interconnection, LLC	Not Applicable
Chen, Hong	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
Cox, Jason	Dynegy Power Marketing, Inc.	Generation Owner
Craig, Lathrop	Public Service Electric & Gas Company	Transmission Owner
Croop, Danielle	PJM Interconnection, LLC	Not Applicable
Daugherty, Suzanne	PJM Interconnection, LLC	Not Applicable
Davis, Elizabeth	PJM Interconnection, LLC	Not Applicable
DeLosa, Joseph	DE Public Service Commission	Not Applicable
DiNicola, Laura	FirstEnergy Solutions Corp.	Transmission Owner
Dugan, Chuck	East Kentucky Power Cooperative, Inc.	Transmission Owner
Fereshetian, Damon	PJM Interconnection, LLC	Not Applicable
Filomena, Guy	Customized Energy Solutions, Ltd.	Not Applicable
Garnett, Bryan	Duke Energy Ohio, Inc.	Transmission Owner
Gilani, Rehan	ConEdison Energy, Inc.	Other Supplier
Greening, Michele	PPL Electric Utilities Corp. dba PPL Utilities	Transmission Owner
Greiner, Gary	PSEG Energy Resources and Trade LLC	Other Supplier
Grimes, Jordan	Morningstar Commodity Data	Not Applicable
Gustavo, Mena	Morgan Stanely	Not Applicable
Hastings, David	Market Interconnection LLC	Not Applicable
Heinle, Frederick	Office of the People's Counsel	End User Customer
Heisey, Bradley	Wolf Hills Energy, LLC	Generation Owner
Hoatson, Tom	Riverside Generating, LLC	Other Supplier
Hohenshilt, Jennifer	Talen Energy Marketing, LLC	Generation Owner
Holter, Natasha	PJM Interconnection, LLC	Not Applicable
Horton, Dana	Appalachian Power Company	Transmission Owner
Huang, Henry	Constellation Energy Services, Inc.	Other Supplier
Iyer, Shrikant	Exelon Generation Co., LLC	Generation Owner
Janicki, Diane	Boston Energy Trading & Marketing, LLC	Generation Owner

Johnson, Carl	Customized Energy Solutions, Ltd.*	Not Applicable
Kelly, Stephen	Brookfield Energy Marketing LP	Other Supplier
Khan, Imran	PJM Interconnection, LLC	Not Applicable
Kimmel, David	PJM Interconnection, LLC	Not Applicable
Kumar, Nikhil	SIG Energy, LLLP	Other Supplier
Long, Amanda	PJM Interconnection, LLC	Not Applicable
Lutterbeck, Felix	Other	Not Applicable
Mabry, David	McNees Wallace & Nurick LLC	Not Applicable
Mahila, Christopher	Public Utilities Commission of Ohio (The)	Not Applicable
Martin, Valerie	The Federal Energy Regulatory Commission	Not Applicable
Maxwell, Melissa	PJM Interconnection, LLC	Not Applicable
Mendelsohn, Mark	Noble Americas Gas & Power Corp.	Other Supplier
Metzler, Jakob	Castleton Commodities Merchant Trading L.P.	Other Supplier
Nash, James	Hudson Transmission Partners, LLC	Other Supplier
Ondayko, Brock	Appalachain Power Company	Transmission Owner
Park, Jinny	PJM Interconnection, LLC	Not Applicable
Peoples, John	Duquesne Light Company	Transmission Owner
Philips, Marjorie	Direct Energy Business, LLC	Other Supplier
Poulos, Greg	CAPS	Not Applicable
Redwine, Arlo	FERC	Not Applicable
Reher, Nathan	N/A	Not Applicable
Rinkoski, Marie	Exelon Generation Co,	Generation Owner
Rosenthal , Peter	Energy Aspects	Not Applicable
Sasser, Jonathan	Customized Energy Solutions, Ltd.*	Not Applicable
Shanker, Roy	H.Q. Energy Services (U.S.), Inc.	Other Supplier
Sock, Bryan	PSEG Energy Resources and Trade LLC	Transmission Owner
Starkov, Stefan	PJM Interconnection, LLC	Not Applicable
Thompson, Matthew	XO Energy	Transmission Owner
Ward, Michael	PJM Interconnection, LLC	Not Applicable
Wei, Jane	Monitoring Analytics	Not Applicable
Wilhite, Chad	FirstEnergy Solutions Corp.	Transmission Owner
Williams, Stanley	PJM Interconnection, LLC	Not Applicable
Wilson, Bram	Diamond State Generation Partners, LLC	Generation Owner
Wilson, James	Wilson Energy Economics	Not Applicable
Wisersky, Megan	Madison Gas & Electric Company	Other Supplier
Wright, James	Old Dominion Electric Cooperative	Electric Distributor

Author: Vijay Shah

**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:**

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**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.

<p><b>On the Phone Dial</b></p>  <p>Mute / Unmute</p>	<p><b>Linking Teleconference Connection to WebEx</b></p> <p>To link your teleconference connection (audio presence) to your WebEx presence, please dial *29 and enter your Personal Identification Number. Once you are logged in to the WebEx, this PIN can be found under the "Meeting Info" tab of your WebEx window.</p>
<p><b>Join a Meeting</b></p>	<ol style="list-style-type: none"> <li>1. Join meeting in the WebEx desktop client</li> <li>2. Enter name (<i>First and Last*</i>) and corporate email</li> <li>3. Under "Select Audio Option" select "Call Me" option from the dropdown menu</li> </ol>

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

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