

**Energy Price Formation Sr. Task Force  
PJM Conference and Training Center  
August 6, 2018  
10:00 a.m. – 4:00 p.m. EPT**

## **Administration (10:00-10:10)**

1. Mr. Dave Anders and Mr. Vijay Shah provided announcements, review the Anti-trust, Code of Conduct and PJM meeting guidelines policies and perform in-room roll-call
2. The Senior Task Force approved draft minutes from the July 17, 2018 Energy Price Formation Senior Task Force (EPFSTF) meeting.

## **Operating Reserve Demand Curve (ORDC) (10:10-12:15)**

3. ORDC Discussion
  - A. Mr. Angelo Marcino, PJM, provided an update on potential adjustments to the ORDC for Operator Actions.
  - B. Dr. Catherine Tyler, IMM, gave a presentation on ORDC from IMM perspective.

## **Lunch (12:15-1:00)**

## **Matrix (1:00-2:30)**

4. Matrix
  - A. PJM staff reviewed the executive summaries of PJM proposal on Synchronize Reserves, ORDC and Reserve Zone modeling.
  - B. Mr. Dave Anders led a discussion capturing design components and options to the EPFSTF matrix focusing on the short term goals.

## **Open Items (2:30)**

Stakeholder had the opportunity to discuss any open items regarding EPFSTF.

**Meeting adjourned 4:00**

## Future Agenda Items

## Future Meeting Dates

August 22, 2018	10:00 a.m.	PJM Conference & Training Center/ WebEx
September 10, 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

## In Attendance (In Person)

Last Name, First Name	Company	Sector
Anders, David	PJM Interconnection, LLC	Not Applicable
Bruce, Susan	McNees Wallace & Nurick LLC	Not Applicable
Burdis, Tim	PJM Interconnection, LLC	Not Applicable
Carroll, Rebecca	PJM Interconnection, LLC	Not Applicable
Chao, Hung-po	PJM Interconnection, LLC	Not Applicable
Chmielewski, Brian	PJM Interconnection, LLC	Not Applicable
Fereshetian, Damon	PJM Interconnection, LLC	Not Applicable
Fitch, Neal	NRG Power Marketing LLC	Generation Owner
Ford, Adrien	Old Dominion Electric Cooperative	Electric Distributor
Greening, Michele	PJM Interconnection, LLC	Transmission Owner
Greiner, Gary	PSEG Energy Resources and Trade LLC	Other Supplier
Kauffman, Brian	EnerNOC, Inc.	Other Supplier
Keech, Adam	PJM Interconnection, LLC	Not Applicable
Kenney, Susan	PJM Interconnection, LLC	Not Applicable
Kogut, George	New York Power Authority	Other Supplier
Marcino, Angelo	PJM Interconnection, LLC	Not Applicable
Midgley, Sharon	Exelon Business Services Company, LLC	Transmission Owner
Morelli, Lisa	PJM Interconnection, LLC	Not Applicable
Park, Jinny	PJM Interconnection, LLC	Not Applicable
Pratzon, David	GT Power Group	Not Applicable
Scarpignato, David	Calpine Energy Services, L.P.	Generation Owner
Suh, Jung	Calpine Energy Services, L.P.	Generation Owner
Trayers, Barry	Citigroup Energy, Inc.	Other Supplier
Tribulski, Jennifer	PJM Interconnection, LLC	Not Applicable
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

## In Attendance (Teleconference)

Last Name, First Name	Company	Sector
Ainspan, Malcolm	Energy Curtailment Specialists, Inc.	Other Supplier
Barker, Jason	Exelon Business Services Company, LLC	Transmission Owner
Belley, Guillaume	Merrill Lynch Commodities, Inc.	Other Supplier
Benckek, Jim	American Transmission Systems, Inc.	Transmission Owner
Bilash, Jason	PJM Interconnection, LLC	Not Applicable
Bonner, Charles	Dominion Virginia Power	Not Applicable
Boyle, Glen	PJM Interconnection, LLC	Not Applicable
Carmean, Gregory	OPSI	Not Applicable
Chintapalli, Raj	Galt Power Inc.	Other Supplier
Davis, Elizabeth	PJM Interconnection, LLC	Not Applicable
Davis, James	Dominion Energy Marketing, Inc.	Generation Owner
DeBellis, Eric	Environmental Law and Policy Center	Not Applicable
DeLosa, Joseph	DE Public Service Commission	Not Applicable
Dillon, Matthew	UGI Development Company	Generation Owner
DiNicola, Laura	FirstEnergy Solutions Corp.	Transmission Owner
Dolan, Ryan	American Municipal Power, Inc.	Electric Distributor
Falin, Tom	PJM Interconnection, LLC	Not Applicable
Filomena, Guy	Customized Energy Solutions, Ltd.	Not Applicable
Foladare, Kenneth	Tangibl	Not Applicable
Gahimer, Mike	IN Office of Utility Consumer Counselor	End User Customer
Gates, Terry	Appalachian Power Company	Transmission Owner
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
Herel, Suzanne	RTO Insider	Not Applicable
Hohenshilt, Jennifer	Talen Energy Marketing, LLC	Generation Owner
Holter, Natasha	PJM Interconnection, LLC	Not Applicable
Horstmann, John	Dayton Power & Light Company (The)	Transmission Owner
Horton, Dana	Appalachian Power Company	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
Johnson, Carl	Customized Energy Solutions, Ltd.*	Not Applicable
Kalle, Ibrahima	Tibiri Energies	Not Applicable

Kelly, Stephen	Brookfield Energy Marketing LP	Other Supplier
Kinser, Cynthia	Tennessee Department of Agriculture	Not Applicable
Kreitler, Ginny	National Audobon	Not Applicable
Libbos, Robin	FirstEnergy Solutions Corp.	Transmission Owner
Long, Glenn	PJM Interconnection, LLC	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
Markiewicz, Cindy	FirstEnergy Solutions Corp.	Transmission Owner
Martin, Valerie	The Federal Energy Regulatory Commission	Not Applicable
Maxwell, Melissa	PJM Interconnection, LLC	Not Applicable
Murray, Kevin	McNees Wallace & Nurick LLC	Not Applicable
Norton, Chris	American Municipal Power, Inc.	Electric Distributor
Ondayko, Brock	Appalachain Power Company	Transmission Owner
Pakela, Greg	DTE Energy Trading, Inc.	Other Supplier
Pelletier, Eveline	Hydro-Quebec	Not Applicable
Philips, Marjorie	Direct Energy Business, LLC	Other Supplier
Poulos, Greg	CAPS	Not Applicable
Reams, Will	Allegheny Electric Cooperative, Inc.	Electric Distributor
Rohrbach, John	Southern Maryland Electric Cooperative	Electric Distributor
Sasser, Jonathan	Customized Energy Solutions, Ltd.*	Not Applicable
Schneider, Jonathan	FirstEnergy Solutions Corp.	Transmission Owner
Shanker, Roy	H.Q. Energy Services (U.S.), Inc.	Other Supplier
Smaczniak, Kim	Earthjustice	Not Applicable
Starkov, Stefan	PJM Interconnection, LLC	Not Applicable
Sturgeon, John	Duke Energy Carolinas, LLC	Other Supplier
Theodore, Sharon	Electric Power Supply Association	Not Applicable
Thompson, James	Commonwealth Edison Company	Transmission Owner
Tsao, Stephanie	SPGlobal	Not Applicable
Vargo, Daniel	Allegheny Electric Cooperative, Inc.	Electric Distributor
Ward, Michael	PJM Interconnection, LLC	Not Applicable
Wilhite, Chad	FirstEnergy Solutions Corp.	Transmission Owner
Williams, Stanley	PJM Interconnection, LLC	Not Applicable
Wilson, James	Wilson Energy Economics	Not Applicable
Wisersky, Megan	Madison Gas & Electric Company	Other Supplier

**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.

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