

Energy Price Formation Sr. Task Force  
PJM Conference and Training Center  
April 18, 2018  
1:00 p.m. – 4:00 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 meeting minutes from the March 29, 2018 Energy Price Formation Senior Task Force meeting.

## PJM Board Update

3. Mr. Dave Anders led a discussion on the PJM Board letter that was published on April 11, 2018 regarding EPFSTF.
4. Mr. Adam Keech, PJM, provided a presentation on PJM's suggested goals for Reserve Market.

## Matrix

5. Ms. Lisa Morelli, PJM, provided a presentation on design components to consider for Reserve Zone modeling and Synchronized Reserves Market to build/ the options matrix on Shortage pricing and Reserve pricing.

## Future Agenda Items

## Future Meeting Dates

May 4, 2018	9:00 a.m.	PJM Conference & Training Center/ WebEx
May 23, 2018	9:30 a.m.	PJM Conference & Training Center/ WebEx
June 8, 2018	9:00 a.m.	PJM Conference & Training Center/ WebEx
June 25, 2018	10:00 a.m.	PJM Conference & Training Center/ WebEx
July 17, 2018	9:30 a.m.	PJM Conference & Training Center/ WebEx
August 6, 2018	10:00 a.m.	PJM Conference & Training Center/ WebEx
August 22, 2018	10:00 a.m.	PJM Conference & Training Center/ WebEx
September 10, 2018	10:00 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
Barker, Jason	Exelon Business Services Company, LLC	Transmission Owner
Bilash, Jason	PJM Interconnection, LLC	Not Applicable
Borgatti, Michael	Gabel and Associates	Not Applicable
Callaghan, Chris	PJM Interconnection, LLC	Not Applicable
Cawley, Troy	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
Fuess, Christian	Other	Not Applicable
Guerry, Katie	EnerNOC, Inc.	Other Supplier
Hendrzak, Chantal	PJM Interconnection, LLC	Not Applicable
Horger, Tim	PJM Interconnection, LLC	Not Applicable
Horstmann, John	Dayton Power & Light Company (The)	Transmission Owner
Kauffman, Brian	NRG Power Marketing LLC	Generation Owner
Kenney, Susan	PJM Interconnection, LLC	Not Applicable
Kogut, George	New York Power Authority	Other Supplier
Marcino, Angelo	PJM Interconnection, LLC	Not Applicable
Maxwell, Melissa	PJM Interconnection, LLC	Not Applicable
Midgley, Sharon	Exelon Business Services Company, LLC	Transmission Owner
Morelli, Lisa	PJM Interconnection, LLC	Not Applicable
Nix, Emma	PJM Interconnection, LLC	Not Applicable
O'Connell, Robert	PPGI Fund A/B Development, LLC	Generation Owner
Olaleye, Michael	PJM Interconnection, LLC	Not Applicable
Poulos, Greg	CAPS	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
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
Whitehead, Jeffrey	GT Power Group	Not Applicable
Wilkie, Brian	Consolidated Edison Solutions, Inc	Other Supplier

## In Attendance (Teleconference)

Last Name, First Name	Company	Sector
Belley, Guillaume	Merrill Lynch Commodities, Inc.	Other Supplier
Benchek, Jim	FirstEnergy Solutions Corp.	Transmission Owner
Bolan, Martin	FirstEnergy Solutions Corp.	Transmission Owner
Bonner, Charles	Dominion Virginia Power	Not Applicable
Bryson, Mike	PJM Interconnection, LLC	Not Applicable
Campbell, Bruce	EnergyConnect, Inc.	Other Supplier
Carmean, Gregory	OPSI	Not Applicable
Chen, Jay	Shell Energy North America (US), LP	Other Supplier
Cox, EdwardP	Appalachian Power Company	Transmission Owner
Cox, Jason	Dynegy Power Marketing, Inc.	Generation Owner
Coyle, Billy	Dominion Virginia Power	Not Applicable
Croop, Danielle	PJM Interconnection, LLC	Not Applicable
Crystle, Gil	UGI Development Company	Transmission Owner
D'Alessandris, Lou	FirstEnergy Solutions Corp.	Not Applicable
Daugherty, Suzanne	PJM Interconnection, LLC	Not Applicable
Davis, Elizabeth	Talen Energy Marketing, LLC	Generation Owner
Davis, James	Dominion Energy Marketing, Inc.	Generation Owner
Denby, Brett	Novec	Not Applicable
DePillo, Raymond	PSEG Energy Resources and Trade LLC	Other Supplier
Dillon, Matthew	UGI Development Company	Generation Owner
Dirani, Rami	PJM Interconnection, LLC	Not Applicable
Dolan, Ryan	American Municipal Power, Inc.	Electric Distributor
Domian, Christin	Mitsubishi Electric Power Products Inc.	Not Applicable
Falin, Tom	PJM Interconnection, LLC	Not Applicable
Fereshetian, Damon	PJM Interconnection, LLC	Not Applicable
Fields, William	Maryland Office of Peoples Counsel	End User Customer
Filomena, Guy	Customized Energy Solutions, Ltd.	Not Applicable
Fink, Sari	Office of the Ohio Consumers' Counsel	End User Customer
Frye, Samuel	Mercuria Energy America, Inc.	Other Supplier
Gagen, Rod	Dominion Virginia Power	Not Applicable
Garbaczewski, Bartosz	PSEG Energy Resources and Trade, LLC	Other Supplier
Gebolys, Debbie	Public Utilities Commission of Ohio (The)	Not Applicable
Genuario, Gabrielle	PJM Interconnection, LLC	Not Applicable
Gerlach, Kathryn	PSEG Energy Resources and Trade, LLC	Other Supplier
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
Hauske, Thomas	PJM Interconnection, LLC	Not Applicable
Heinle, Frederick	Office of the People's Counsel	End User Customer
Heisey, Bradley	Wolf Hills Energy, LLC	Generation Owner
Helms, Joseph	Rainbow Energy Marketing Corporation	Other Supplier
Hendrix, Chris	Texas Retail Energy, LLC	Other Supplier
Henry, Robert	FirstEnergy Solutions Corp.	Transmission Owner
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
Hsia, Eric	PJM Interconnection, LLC	Not Applicable
Hyzinski, Tom	GT Power Group	Not Applicable
Janicki, Diane	Boston Energy Trading & Marketing, LLC	Generation Owner
Kalle, Ibrahima	Tibiri Energies	Not Applicable
Kelly, Stephen	Brookfield Energy Marketing LP	Other Supplier
Kinser, Cynthia	Tennessee Department of Agriculture	Not Applicable
langbein, Pete	PJM Interconnection, LLC	Not Applicable
LaRocque, Matthew	PJM Interconnection, LLC	Not Applicable
LeBris Erffmeyer, Jacques	Illinois Citizens Utility Board	End User Customer
Libbos, Robin	FirstEnergy Solutions Corp.	Transmission Owner
Matzen, Jeff	Dominion Retail, Inc.	Not Applicable
Mendelsohn, Mark	Noble Americas Gas & Power Corp.	Other Supplier
Murray, Kevin	McNees Wallace & Nurick LLC	Not Applicable
Nawaz, Zainab	NJ Board of Public Utilities	Not Applicable
O'Hara, Brian	Mercuria Energy Inc.	Other Supplier
Ondayko, Brock	Appalachian Power Company	Transmission Owner
Pang, Michael	Merrill Lynch Commodities, Inc.	Other Supplier
Patel, Keyurbhai	PJM Interconnection, LLC	Not Applicable
Pelletier, Eveline	Hydro-Quebec	Not Applicable
Peoples, John	Duquesne Light Company	Transmission Owner
Philips, Marjorie	Direct Energy Business, LLC	Other Supplier
Promubol, Jim	Shell Energy North America (US), LP	Other Supplier
Rajan, Abhijit	Dominion Resources	Not Applicable
Robson, Matt	SESCO Enterprises LLC	Other Supplier
Rohrbach, John	Southern Maryland Electric Cooperative	Electric Distributor
Rothey, Kristin	American Municipal Power, Inc.	Electric Distributor

Rushing, Nathan	CPV Maryland, LLC	Generation Owner
Sanders, Melanie	Exelon Business Services Company, LLC	Transmission Owner
Sasser, Jonathan	Customized Energy Solutions, Ltd.*	Not Applicable
Schmitt, Jeff	PJM Interconnection, LLC	Not Applicable
Schneider, Jonathan	FirstEnergy Solutions Corp.	Transmission Owner
Schuyler, Ken	PJM Interconnection, LLC	Not Applicable
Sock, Bryan	PSEG Energy Resources and Trade LLC	Transmission Owner
Stefanowicz, Vincent	PJM Interconnection, LLC	Not Applicable
Stoddard, Robert	Power Market Economics	Not Applicable
Suh, Jung	Calpine Energy Services, L.P.	Generation Owner
Sweeney, Rory	RTO Insider	Not Applicable
Tatum, Edward	American Municipal Power	Electric Distributor
Todd, George	EnerNOC Inc.	Other Supplier
Ward, Michael	PJM Interconnection, LLC	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
Xu, Xu	PJM Interconnection, LLC	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.

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