

Energy Price Formation Sr. Task Force
PJM Conference and Training Center
November 28, 2018
9:00 p.m. – 4:00 p.m. EPT

Administration

1. Mr. Dave Anders and Mr. Vijay Shah will provide announcements, review the Anti-trust, Code of Conduct and PJM meeting guidelines policies and perform in-room roll-call
2. The Senior Task Force will be asked to approve draft minutes from the November 1, 2018 Energy Price Formation Senior Task Force (EPFSTF) meeting.

Operating Reserve Demand Curve

3. Dr. Patricio Rocha Garrido, PJM, presented the latest changes to the PJM Operating Reserve Demand Curve (ORDC).
4. Dr. Catherine Tyler, IMM, reviewed a comparison of goals between the PJM and IMM for the Operating Reserve Demand Curve, as well as provided additional details on the IMM's proposed ORDCs.

Matrix

5. Matrix
 - A. PJM staff reviewed latest changes to their respective proposal.
 - B. IMM staff reviewed latest changes to their respective proposal. IMM staff also presented an alternative proposal.
 - C. Mr. Gregory Poulos, CAPS, presented a new proposal from DC People's Counsel.
 - D. Mr. Vijay Shah led a discussion reviewing the EPFSTF matrix focusing on the short term goals.

Work plan

6. Mr. Dave Anders led a discussion around the latest work plan for EPFSTF, highlighting remaining meeting schedule.

Future Agenda Items

Future Meeting Dates

December 14, 2018

9:00 a.m.

PJM Conference & Training Center/ WebEx

Attendees (In Person)

Last Name, First Name	Company	Sector
Anders, David	PJM Interconnection, LLC	Not Applicable
Borgatti, Michael	Gabel and Associates	Not Applicable
Bowring, Joe	Monitoring Analytics, LLC	Not Applicable
Bruce, Susan	McNees Wallace & Nurick LLC	Not Applicable
Carmean, Gregory	OPSI	Not Applicable
Ciabattoni, Joseph	PJM Interconnection, LLC	Not Applicable
DeVita, Thomas	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
Horger, Tim	PJM Interconnection, LLC	Not Applicable
Hyzinski, Tom	GT Power Group	Not Applicable
Johnson, Carl	Customized Energy Solutions, Ltd.	Not Applicable
Kogut, George	New York Power Authority	Other Supplier
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
Nix, Emma	PJM Interconnection, LLC	Not Applicable
O'Connell, Robert	PPGI Fund A/B Development, LLC	Generation Owner
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
Sweeney, Rory	RTO Insider	Not Applicable
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

Attendees (Teleconference)

Last Name, First Name	Company	Sector
Ainspan, Malcolm	Energy Curtailment Specialists, Inc.	Other Supplier
Anderson, Jared	S&P Global	Not Applicable
Benchek, Jim	American Transmission Systems, Inc.	Transmission Owner
Bennett, Stephen	PJM Interconnection, LLC	Not Applicable
Bergin, Kieran	PSEG Energy Resources and Trade LLC	Other Supplier
Bernstein, Matthew	PJM Interconnection, LLC	Not Applicable
Binder, Gerry	SESCO Enterprises LLC	Other Supplier
Bleiweis, Bruce	DC Energy LLC	Other Supplier
Bonner, Charles	Dominion Virginia Power	Not Applicable
Boyle, Glen	PJM Interconnection, LLC	Not Applicable
Brodbeck, John	EDP Renewables North America, LLC	Other Supplier
Bunch, Kevin	EDF Trading North America, LLC	Other Supplier
Campbell, Bruce	EnergyConnect, Inc.	Other Supplier
Canter, David	Appalachian Power Company	Transmission Owner
Chintapalli, Raj	Galt Power Inc.	Other Supplier
Chung, Taewoo	Millenium	Not Applicable
Croop, Danielle	PJM Interconnection, LLC	Not Applicable
D'Alessandris, Lou	FirstEnergy Solutions Corp.	Transmission Owner
Daugherty, Suzanne	PJM Interconnection, LLC	Not Applicable
Davis, Elizabeth	PJM Interconnection, LLC	Not Applicable
Davis, James Jim	Dominion Energy Marketing, Inc.	Generation Owner
DeLosa, Joseph	DE Public Service Commission	Not Applicable
Depillo, Raymond	PSEG Energy Resources and Trade LLC	Other Supplier
Dillon, Matthew	UGI Development Company	Generation Owner
DiNicola, Laura	FirstEnergy Solutions Corp.	Transmission Owner
Dugan, Chuck	East Kentucky Power Cooperative, Inc.	Transmission Owner
Endress, Eric	PJM Interconnection, LLC	Not Applicable
Ericson, Christine	Illinois Commerce Commission	Not Applicable
Fan, Zhenyu	PJM Interconnection, LLC	Not Applicable
Fereshetian, Damon	PJM Interconnection, LLC	Not Applicable
Filomena, Guy	Customized Energy Solutions, Ltd.	Not Applicable
Gagen, Rod	Dominion Virginia Power	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
George, Brian	Federal Energy Regulatory Commission	Not Applicable
Gilani, Rehan	ConEdison Energy, Inc.	Other Supplier

Goggin, Michael	American Wind Energy Association	Not Applicable
Greco, Steven	NextEra Energy Power Marketing, LLC	Generation Owner
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
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
Heisey, Bradley	Wolf Hills Energy, LLC	Generation Owner
Hoatson, Tom	Riverside Generating, LLC	Other Supplier
Hohenshilt, Jennifer	Talen Energy Marketing, LLC	Generation Owner
Holdbrook, Ruth	Northern Virginia Electric Cooperative	Electric Distributor
Holter, Natasha	PJM Interconnection, LLC	Not Applicable
Horning, Lynn	LMH Energy	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
Janicki, Diane	Boston Energy Trading & Marketing, LLC	Generation Owner
Jett, William	Duke Energy Business Services LLC	Generation Owner
Jha, Monica	PCI	Not Applicable
Johnson, Carl	Customized Energy Solutions, Ltd.*	Not Applicable
Kelly, Stephen	Brookfield Energy Marketing LP	Other Supplier
Kenney, Susan	PJM Interconnection, LLC	Not Applicable
Khan, Imran	PJM Interconnection, LLC	Not Applicable
Kilgallen, Kevin	Avangrid Renewables LLC	Generation Owner
Klein, Abram	Appian way Energy	Not Applicable
Li, Kanning	PJM Interconnection, LLC	Not Applicable
Liang-Nicol, Cecilia	Monongahela Power Company d/b/a Allegheny Power	Transmission Owner
Mabry, David	McNees Wallace & Nurick LLC	Not Applicable
Mahila, Christopher	Public Utilities Commission of Ohio (The)	Not Applicable
Mariam, Yohannes	Office of the Peoples Counsel for the District of Columbia	End User Customer
Maxwell, Melissa	PJM Interconnection, LLC	Not Applicable
Mendelsohn, Mark	Noble Americas Gas & Power Corp.	Other Supplier
Ondayko, Brock	Appalachain Power Company	Transmission Owner
Pakela, Gregory	DTE Energy Trading, Inc.	Other Supplier
Park, Jinny	PJM Interconnection, LLC	Not Applicable
Pelletier, Eveline	Hydro-Quebec	Not Applicable

Peoples, John	Duquesne Light Company	Transmission Owner
Perera, Asanga	PJM Interconnection, LLC	Not Applicable
Philips, Marjorie	Direct Energy Business, LLC	Other Supplier
Phillips, Darlene	PJM Interconnection, LLC	Not Applicable
Phillips, Jennifer	C.P. Crane LLC	Generation Owner
Poulos, Greg	CAPS	Not Applicable
Rismiller, Randy	Illinois Commerce Commission	Not Applicable
Rohrbach, John	Southern Maryland Electric Cooperative	Electric Distributor
Sasser, Jonathan	Customized Energy Solutions, Ltd.*	Not Applicable
Schreim, Morris	Maryland Public Service Commission	Not Applicable
Shanker, Roy	H.Q. Energy Services (U.S.), Inc.	Other Supplier
Sock, Bryan	PSEG Energy Resources and Trade LLC	Transmission Owner
Thomas, Henry Jack	PJM Interconnection, LLC	Not Applicable
Thompson, Matthew	XO Energy	Not Applicable
Toomey, Megan	Talen Energy Marketing, LLC	Generation Owner
Vargo, Daniel	Allegheny Electric Cooperative, Inc.	Electric Distributor
Vayda, Brian	Borough of Park Ridge, NJ	Electric Distributor
Ward, Michael	PJM Interconnection, LLC	Not Applicable
Warshel, Kim	PJM Interconnection, LLC	Not Applicable

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.

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