

**ARR FTR Market Task Force (AFMTF)
PJM Conference and Training Center
January 13, 2020
1:00 p.m. – 4:00 p.m. EPT**

Administration (1:00-1:05)

1. Mr. Dave Anders and Ms. Emmy Messina will provide welcome, announcements, and review of the Antitrust, Code of Conduct, and Public Meetings/Media Participant Guidelines.

Process and Work Plan (1:05-1:50)

2. Mr. Dave Anders reviewed the approved Issue Charge for the ARR FTR Market Task Force.
3. Mr. Dave Anders reviewed the stakeholder process work plan for the ARR FTR Market Task Force.

Education (1:50-3:30)

4. Mr. Brian Chmielewski provided initial education on PJM's ARR/FTR market history and evolution.
5. Mr. Howard Haas, Monitoring Analytics, discussed the history of the FTR congestion product.

Initial Interest Identification (3:30-4:00)

6. Initial interest identification was deferred to the 2/19/2020 AFMTF due to time constraints.

Future Agenda Items

PJM's ARR/FTR Market History and Evolution

PJM's Current Annual ARR Design

PJM's Current FTR Market Design

Other Region's ARR/FTR Market Design

Value Proposition of ARR/FTR Market

Future Meeting Dates

February 19, 2020	9:00 a.m.	PJM Conference & Training Center/ WebEx
March 25, 2020	9:00 a.m.	PJM Conference & Training Center/ WebEx
April 29, 2020	9:00 a.m.	PJM Conference & Training Center/ WebEx
May 27, 2020	9:00 a.m.	PJM Conference & Training Center/ WebEx

Author: Emmy Messina

In-Person Meeting Attendees

Name	Company Name	Sector
Anders, David (Facilitator)	PJM Interconnection	Not Applicable
Messina, Emmy (Secretary)	PJM Interconnection	Not Applicable
Bernstein, Matthew	PJM Interconnection	Not Applicable
Brodbeck, John	EDP Renewables North America LLC	Generation Owner
Chang, Sean	Shell Energy North America (US), L.P.	Other Supplier
Chmielewski, Brian	PJM Interconnection	Not Applicable
DeVita, Thomas	PJM Interconnection	Not Applicable
Dumitriu, Nicolae	PJM Interconnection	Not Applicable
Fabiano, Janell	PJM Interconnection	Not Applicable
Foladare, Kenneth	Geenex Solar LLC	Generation Owner
Ford, Adrien	Old Dominion Electric Cooperative	Electric Distributor
Greening, Michele	PJM Interconnection	Not Applicable
Guler, Teoman	Apogee Energy Trading LLC	Other Supplier
Haas, Howard	Monitoring Analytics	Not Applicable
Hauske, Elizabeth	PJM Interconnection	Not Applicable
Hayik, Seth	Monitoring Analytics	Not Applicable
Horger, Tim	PJM Interconnection	Not Applicable
Johnson, Carl	Customized Energy Solutions, Ltd.	Not Applicable
Kharod, Ankit	PJM Interconnection	Not Applicable
Kogut, George	New York Power Authority	Other Supplier
Lieberman, Steven	American Municipal Power, Inc.	Electric Distributor
Messina, Emmy	PJM Interconnection	Not Applicable
Midgley, Sharon	Exelon Business Services Company, LLC	Transmission Owner
Noonan, Casey	PJM Interconnection	Not Applicable
O'Connell, Robert	PPGI Fund A/B Development, LLC	Generation Owner
Scarpignato, David	Calpine Energy Services, L.P.	Generation Owner
Sweeney, Rory	GT Power Group	Not Applicable
Tribulski, Jennifer	PJM Interconnection	Not Applicable
Wadsworth, Joseph	Vitol Inc.	Other Supplier
Wynder, Michael	Nodal Exchange	Not Applicable
Xu, Xu	PJM Interconnection	Not Applicable
Yoo, Kyungjin	Monitoring Analytics	Not Applicable

Webex Meeting Attendees

Name	Company Name	Sector
Aitken, Debra	FirstEnergy Solutions Corp.	Transmission Owner
Baker, Scott	PJM Interconnection	Not Applicable
Bazar, Kevin	PJM Interconnection	Not Applicable
Benchek, Jim	FirstEnergy Solutions Corp.	Transmission Owner
Bernabeu, Emanuel	PJM Interconnection	Not Applicable
Bickerstaff, Dean	Hartree Partners, LP	Other Supplier
Binder, Gerry	SESCO Enterprises, LLC	Other Supplier
Bruce, Susan	McNees Wallace & Nurick LLC	Not Applicable
Carmean, Gregory	OPSI	Not Applicable
Chen, Yang	PJM Interconnection	Not Applicable
Chu, Michael	Forest Investment Group, LLC	Other Supplier
Croop, Danielle	PJM Interconnection	Not Applicable
Crystle, Gil	UGI Development Company	Generation Owner
D'Alessandris, Lou	FirstEnergy Solutions Corp.	Transmission Owner
Davis, James	Dominion Energy Generation Marketing, Inc.	Generation Owner
DeLosa, Joseph	New Jersey Board of Public Utilities	Not Applicable
Depillo, Raymond	PSEG Energy Resources and Trade LLC	Other Supplier
Dillon, Matthew	UGI Development Company	Generation Owner
Duensing, Allison	Saracen Energy East LP	Other Supplier
Dugan, Chuck	East Kentucky Power Cooperative, Inc.	Transmission Owner
Durinsky, Mike	FirstEnergy Solutions Corp.	Transmission Owner
Endress, Eric	PJM Interconnection	Not Applicable
Evergam, Scott	Blue Horseshoe Energy LLC	Not Applicable
Fan, Zhenyu	PJM Interconnection	Not Applicable
Fauk, Steven	Northern States Power Company	Other Supplier
Fazio, Danielle	Engelhart CTP (US) LLC	Other Supplier
Feely, Brian	Geodesic Flow, LLC	Other Supplier
Filomena, Guy	Customized Energy Solutions, Ltd.	Not Applicable
Fitch, Neal	NRG Power Marketing, LLC	Generation Owner
Fuess, Christian	PBF Power Marketing, LLC	Generation Owner
Gahimer, Mike	Indiana Office of Utility Consumer Counselor	End-Use Customer
Gorman, Kevin	The Highlands Energy Group, LLC	Other Supplier
Grau, Patrick	Apogee Energy Trading LLC	Other Supplier
Greiner, Gary	PSEG Energy Resources and Trade LLC	Other Supplier
Guo, JauJia	Appalachian Power Company (AEP Generation)	Transmission Owner
Hastings, David	Market Interconnection Consulting Services, LLC	Not Applicable

Heinle, Frederick	Office of the People's Counsel for the District of Columbia	End-Use Customer
Helm, Gary	PJM Interconnection	Not Applicable
Herbert, Sebastian	DC Energy, LLC	Other Supplier
Herel, Suzanne	PJM Interconnection	Not Applicable
Hoatson, Tom	West Deptford Energy, LLC	Generation Owner
Hohenshilt, Jennifer	Talen Energy Marketing, LLC	Generation Owner
Holdbrook, Ruth	Northern Virginia Electric Cooperative (NOVEC)	Electric Distributor
Horning, Lynn Marie	Customized Energy Solutions, Ltd.	Not Applicable
Hurwich, Mark	Elliott Bay Energy Trading, LLC	Other Supplier
Hyzinski, Tom	GT Power Group	Not Applicable
Islam, Lubaba	Rockland Electric Company	Transmission Owner
Janicki, Diane	Boston Energy Trading and Marketing LLC	Other Supplier
Jha, Monica	PCI	Not Applicable
Kazerooni, Hamid	Invenergy, LLC	Generation Owner
Kelly, Stephen	Brookfield Energy Marketing LP	Other Supplier
Klein, Abram	Appian Way Energy Partners MidAtlantic, LLC	Other Supplier
Kovler, Ed	PJM Interconnection	Not Applicable
Kozhuharov, Dimitar	State Commissions	Not Applicable
Kumar, Nikhil	Darby Energy, LLC	Other Supplier
Lejcar, Jamie	Allegheny Electric Cooperative, Inc.	Electric Distributor
Levinson, Corey	Geodesic Flow, LLC	Other Supplier
Lynch, Ben	American Transmission Systems, Inc.	Transmission Owner
Mancuso, Melanie	FirstEnergy Solutions Corp.	Transmission Owner
Metzler, Jakob	Castleton Commodities Merchant Trading L.P.	Other Supplier
Mirhosseini, Niloufar Sadat	PJM Interconnection	Not Applicable
Mok, Alan	Duke Energy Kentucky, Inc.	Transmission Owner
Murawski, Jim	PSEG Energy Resources and Trade LLC	Other Supplier
O'Boyle, Brian	Consolidated Edison Solutions, Inc.	Transmission Owner
Olenick, Cory	Bazinga, LLC	Other Supplier
Pakela, Greg	DTE Energy Trading, Inc.	Other Supplier
Parsons, John	Massachusetts Institute of Technology	Not Applicable
Patel, Keyurbhai	PJM Interconnection	Not Applicable
Pelletier, Eveline	H.Q. Energy Services (U.S.), Inc.	Other Supplier
Peoples, John	Duquesne Light Company	Transmission Owner
Picarelli, David	PJM Interconnection	Not Applicable
Poulos, Greg	CAPS	Not Applicable
Powers, Sean	Messer LLC	End-Use Customer
Price, Mark	DC Energy Mid-Atlantic, LLC	Other Supplier

Ramsey, James	Perast Fund LP	Other Supplier
Robinson, Becky	Vistra Energy	Not Applicable
Robson, Matt	SESCO Enterprises, LLC	Other Supplier
Sasser, Jonathan	Customized Energy Solutions, Ltd.	Not Applicable
Schneider, Kurt	FirstEnergy Solutions Corp.	Transmission Owner
Shanker, Roy	East Coast Power Linden Holdings, LLC	Generation Owner
Sillin, John	The Federal Energy Regulatory Commission	Not Applicable
Skucas, Ruta	Pierce Atwood	Not Applicable
Sock, Bryan	PSEG Energy Resources and Trade LLC	Other Supplier
Stevens, Andrew	DC Energy Mid-Atlantic, LLC	Other Supplier
Thompson, Matthew	XO Energy MA	Other Supplier
Vaca, Francisco	Sterling Partners Quantitative Investments	Not Applicable
Whited, Mike	DC Energy, LLC	Other Supplier
Whitehead, Jeffrey	GT Power Group	Not Applicable
Willey, Amy	Delaware Public Service Commission	Not Applicable
Witt, Sally	East Kentucky Power Cooperative, Inc.	Transmission Owner
Yi, Weili	Energy Authority, Inc. (The)	Other Supplier
Zhao, Rongda	Dominion Virginia Power (LSE)	Not Applicable
Zhong, Wanyun	Other	Not Applicable
Zhou, Ming	PSEG Energy Resources and Trade LLC	Other Supplier
Zhu, Min	Jane Street Energy Trading, LLC	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.

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.

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