

Primary Frequency Response Senior Task Force (PFRSTF)
PJM Conference and Training Center
December 1, 2017
9:00 a.m. – 4:00 p.m. EPT

Administration (9:00am-9:25am)

1. Ms. Jinny Park, PJM, conducted welcome, review of PJM meeting guidelines, agenda, roll call and approval of minutes.
2. Mr. Glen Boyle, PJM, reviewed next steps for the task force.

Matrix Review (9:25am-9:50am)

3. Mr. Glen Boyle, PJM, reviewed and highlighted changes to the matrix since the October 27th meeting.

Implementation Plan (9:50am-10:10am)

4. Mr. Glen Boyle, PJM, discussed the implementation plan and solicited feedback from stakeholders.

Performance Measurement (10:10am-11:10am)

5. Ms. Danielle Croop, PJM, reviewed the details of measured individual unit performance during frequency events and solicited stakeholder feedback.

Break (11:10am-11:25am)

Documented Exception Process (11:25am-12:25pm)

6. Mr. Vince Stefanowicz, PJM, reviewed the details of the documented exception process and solicited stakeholder feedback.

Lunch (12:25pm-1:25pm)

Cost Structure (1:25pm-2:55pm)

7. Mr. Eric Hsia, PJM, reviewed the details of cost of service structure and cost allocation and solicited stakeholder feedback.
8. Mr. Howard Haas, Monitoring Analytics, reviewed the details of cost recovery through the capacity market through cost of new entry and solicited stakeholder feedback.

Break (2:55pm-3:05pm)

PFR During Performance Assessment Interval (3:05pm-3:35pm)

- Mr. Eric Hsia, PJM, reviewed the details of frequency response service during Performance Assessment Intervals and solicited stakeholder feedback.

Distributed Energy Resources (3:35pm-3:50pm)

- Mr. Bernard O'Hara, PJM, reviewed the details of treatment of Distributed Energy Resources and solicited stakeholder feedback.

Future Agenda Items (3:50pm-4:00pm)

December 20, 2017	9:00 a.m.	PJM Conference & Training Center/ WebEx
January 24, 2018	9:00 a.m.	PJM Conference & Training Center/WebEx
February 28, 2018	9:00 a.m.	PJM Conference & Training Center/WebEx
March 21, 2018	9:00 a.m.	PJM Conference & Training Center/WebEx

In-Person Attendees:

Last Name	First Name	Company	Sector
Blair	Tom	IMM	Not Applicable
Boyle	Glen	PJM Interconnection, LLC	Not Applicable
Croop	Danielle	PJM Interconnection, LLC	Not Applicable
Endress	Eric	PJM Interconnection, LLC	Not Applicable
Fletcher	James	AEP Energy Partners, Inc.	Other Supplier
Foladare	Kenneth	Tangibl	Not Applicable
Ford	Adrien	Old Dominion Electric Cooperative	Electric Distributor
Gordon	Brad	NERC	Not Applicable
Haas	Howard	IMM	Not Applicable
Hauske	Tom	PJM Interconnection, LLC	Not Applicable
Horstmann	John	Dayton Power & Light Company (The)	Transmission Owner
Hsia	Eric	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
Park	Jinny	PJM Interconnection, LLC	Not Applicable
Poole	Karen	Dominion Virginia Power	Not Applicable
Schweizer	David	PJM Interconnection, LLC	Not Applicable
Suh	Jung	Noble Americas Energy Solutions LLC	Other Supplier
Whitehead	Jeffrey	GT Power Group	Not Applicable

In Attendance via Web Ex / Teleconference:

Last Name	First Name	Company	Sector
Baker	Scott	PJM Interconnection, LLC	Not Applicable
Benchek	Jim	FirstEnergy Solutions Corp.	Transmission Owner
Berlinski	Mike	Customized Energy Solutions, Ltd	Not Applicable
Bolan	Martin	FirstEnergy Solutions Corp.	Transmission Owner
Bonner	Charles	Dominion Virginia Power	Not Applicable
Brodbeck	John	EDP Renewables North America, LLC	Other Supplier
Chiulli	Peter	Unknown	Unknown
Davis	Becky	Talen Energy Marketing, LLC	Generation Owner
Dolan	Ryan	American Municipal Power, Inc.	Electric Distributor
Fan	Zenyu	PJM Interconnection, LLC	Not Applicable
Filomena	Guy	Customized Energy Solutions, Ltd.	Not Applicable
Franks	Lin	AES Energy Storage, LLC	Generation Owner
Garnett	Bryan	Duke Energy Ohio, Inc.	Transmission Owner
Genuario	Gabby	PJM Interconnection, LLC	Not Applicable
Gramlich	Rob	Grid Strategies, LLC	Not Applicable
Gregory	Carmean	OPSI	Not Applicable
Hebert	Chris	Beacon Power, LLC	Other Supplier
Hendrzak	Chantal	PJM Interconnection, LLC	Not Applicable
Hoatson	Tom	Riverside Generating, LLC	Other Supplier
Kilgallen	Kevin	Avangrid Renewables LLC	Generation Owner
Lovasik	Clem	PJM Interconnection, LLC	Not Applicable
Lowe	Connie	Dominion Virginia Power	Not Applicable
Mabry	David	McNees Wallace & Nurick LLC	Not Applicable
Morelli	Lisa	PJM Interconnection, LLC	Not Applicable
O'Boyle	Brian	Consolidated Edison Energy, Inc.	Other Supplier
Ondayko	Brock	Appalachain Power Company	Transmission Owner
Pakula	Maggie	Invenergy, LLC	Generation Owner

Patten	Kevin	Appalachain Power Company	Transmission Owner
Ruck	Andrew	PSEG Energy Resources and Trade, LLC	Other Supplier
Sasser	Jonathan	Customized Energy Solutions, Ltd.	Not Applicable
Schuyler	Ken	PJM Interconnection, LLC	Not Applicable
Shoop	Patrick	Customized Energy Solutions, Ltd.	Not Applicable
Slagel	Ron	Unknown	Unknown
Souder	David	PJM Interconnection, LLC	Not Applicable
Stefanowicz	Vince	PJM Interconnection, LLC	Not Applicable
Stewart	Travis	Gabel Associates	Generation Owner
Such	Chris	BioUrja Power, LLC	Other Supplier
Sweeney	Rory	RTO Insider	Not Applicable
Velasco	Cheryl Mae	PJM Interconnection, LLC	Not Applicable

Author: Jinny Park

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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