

**Primary Frequency Response Senior Task Force (PFRSTF)  
Conference and Training Center & WebEx  
July 25, 2017  
9:00 a.m. – 12:00 p.m. EST**

## Administration

1. Mr. Glen Boyle, PJM, opened the meeting and reviewed the agenda.

Ms. Michelle Souder provided the Anti-trust and Code of Conduct announcements and completed the roll call.

## Problem Statement and Issue Charge

2. Mr. Boyle reviewed the Problem Statement and Issue Charge.

## Task Force Charter and Work Plan

3. Mr. Boyle reviewed the draft PFRSTF charter. Members provided feedback and requested two updates to the charter. The updated draft charter was approved by the members and will be presented as a first read at the August MRC.

Mr. Boyle reviewed the work plan to be accomplished by PFRSTF. No changes were made.

## Education Presentation

4. Mr. Vince Stefanowicz provided stakeholders with part 1 of 2 of a high-level overview presentation of proposed frequency response education topics.
5. Mr. Clement Lovasik and Mr. Vince Stefanowicz provided a presentation reviewing a technical overview of frequency response. Part 1 of 2 education session will be continued at the September 1, 2017 PFRSTF starting with the Operational section.

## Future Meeting Dates

September 1, 2017	9:00 a.m.	PJM Conference & Training Center/ WebEx
October 9, 2017	9:00 a.m.	PJM Conference & Training Center/ WebEx
October 27, 2017	9:00 a.m.	PJM Conference & Training Center/ WebEx
December 1, 2017	9:00 a.m.	PJM Conference & Training Center/ WebEx
December 20, 2017	9:00 a.m.	PJM Conference & Training Center/WebEx

## In-Person Attendees:

Last Name	First Name	Company	Sector
Benchek	Jim	FirstEnergy Solutions Corp.	Transmission Owner
Bennet	Daniel	PJM Interconnection, LLC	Not Applicable
Blair	Thomas	Monitoring Analytics, LLC	Not Applicable
Boyle	Glen	PJM Interconnection, LLC	Not Applicable

Brodbeck	John	EDP Renewables North America, LLC	Other Supplier
Ciabattoni	Joe	PJM Interconnection, LLC	Not Applicable
Endress	Eric	PJM Interconnection, LLC	Not Applicable
Fabiano	Janell	PJM Interconnection, LLC	Not Applicable
Fletcher	James	AEP Energy Partners, Inc.	Other Supplier
Foladare	Kenneth	Tangibl	Not Applicable
Haas	Howard	Monitoring Analytics, LLC	Not Applicable
Hauske	Thomas	PJM Interconnection, LLC	Not Applicable
Heimbach	Mark	PJM Interconnection, LLC	Not Applicable
Holland	Risa	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
Lovasik	Clement	PJM Interconnection, LLC	Not Applicable
Northrup	Alexander	PJM Interconnection, LLC	Not Applicable
O'Connell	Robert	PPGI Fund A/B Development, LLC	Generation Owner
Pilong	Christopher	PJM Interconnection, LLC	Not Applicable
Pratzon	David	GT Power Group	Not Applicable
Scarpignato	David	Calpine Energy Services, L.P.	Generation Owner
Seiler	Ken	PJM Interconnection, LLC	Not Applicable
Schweizer	David	PJM Interconnection, LLC	Not Applicable
Souder	David	PJM Interconnection, LLC	Not Applicable
Souder	Michelle	PJM Interconnection, LLC	Not Applicable
Stefanowicz	Vincent	PJM Interconnection, LLC	Not Applicable
Stewart	Travis	Gabel and Associates	Not Applicable
Tutino	Joey	PJM Interconnection, LLC	Not Applicable
Velasco	Cheryl Mae	PJM Interconnection, LLC	Not Applicable

### In Attendance via Web Ex / Teleconference:

Last Name	First Name	Company	Sector
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Aquino	Chris	PJM Interconnection, LLC	Not Applicable
Berlinski	Mike	Customized Energy Solutions, Ltd.*	Not Applicable
Bolan	Martin	FirstEnergy Solutions Corp.	Transmission Owner
Bonner	Charles	Dominion Virginia Power	Not Applicable
Carmean	Gregory	OPSI	Not Applicable
Caven	Augustine	PJM Interconnection, LLC	Not Applicable
Chatham	Robert	Vcharge Inc.	Other Supplier
Chocarro Aguirrebengoa	Iker	E.ON Climate & Renewables North America, Inc.	Generation Owner
Croop	Danielle	PJM Interconnection, LLC	Not Applicable
Cumens	Joshua	PJM Interconnection, LLC	Not Applicable
Davis	Becky	Talen Energy Marketing, LLC	Generation Owner
DeLosa	Joseph	DE Public Service Commission	Not Applicable
Domian	Christin	Mitsubishi Electric Power Products Inc.	Not Applicable
Farber	John	DE Public Service Commission	Not Applicable
Filomena	Guy	Customized Energy Solutions, Ltd.	Not Applicable
Fitzpatrick	Brian	PJM Interconnection, LLC	Not Applicable
Ford	Adrien	Old Dominion Electric Cooperative	Electric Distributor
Genuario	Gabrielle	PJM Interconnection, LLC	Not Applicable
Greiner	Gary	Public Service Electric & Gas	Transmission Owner
Hamilton	Brian	New Jersey Board of Public Utilities	Not Applicable
Hebert	Christopher	Beacon Power, LLC	Other Supplier
Hendrzak	Chantal	PJM Interconnection, LLC	Not Applicable
Horstmann	John	Dayton Power & Light Company (The)	Transmission Owner
Johnson	Carl	Customized Energy Solutions, Ltd.	Not Applicable
Kilgallen	Kevin	Avangrid Renewables LLC	Generation Owner
Kimmel	David	PJM Interconnection, LLC	Not Applicable
Lee	Ray	PJM Interconnection, LLC	Not Applicable
Liebold	chuck	PJM Interconnection, LLC	Not Applicable
Lowe	Benjamin	Alevo	Not Applicable

Lowe	Connie	Dominion Virginia Power	Not Applicable
Ma	Alex	Invenergy, LLC	Generation Owner
Mabry	David	McNees Wallace & Nurick LLC	Not Applicable
Midgley	Sharon	Exelon Business Services Company, LLC	Transmission Owner
Mindham	David	ITC Mid-Atlantic Development LLC	Other Supplier
Ondayko	Brock	Appalachain Power Company	Transmission Owner
Pan	Conway	PJM Interconnection, LLC	Not Applicable
Patten	Kevin	Appalachain Power Company	Transmission Owner
Pham	Bao	Old Dominion Electric Cooperative	Electric Distributor
Philips	Marjorie	Direct Energy Business, LLC	Other Supplier
Poole	Karen	Dominion Virginia Power	Not Applicable
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
Singh	Randy	PSEG Fossil LLC	Generation Owner
Souder	Rich	PJM Interconnection, LLC	Not Applicable
Such	Christopher	E.ON Climate & Renewables North America Inc.	Generation Owner
Tzartzev	Rouslan	EDP Renewables North America, LLC	Generation Owner
Weatherill	Jennie	E.ON Climate & Renewables North America Inc.	Generation Owner
Xenopoulos	Damon	SMXB	Not Applicable

Author: Michelle Souder