

System Operations Subcommittee – Generation and Transmission
PJM Conference and Training Center
September 06, 2018
09:00am – 11:00 am (EDT)

SOS Members Present

LAST NAME	FIRST NAME	COMPANY	
Zhang (Secretary)	Michael	PJM Interconnection, LLC	In-Person
Foldare	Kenneth	Tangibl	In-Person
Schloendorn	Ronald	PECO Energy Company	In-Person
Baker	Jeff	Duke Energy Ohio, Inc.	Teleconference
Balascak	Andrew	PPL Electric Utilities Corp. dba PPL Utilities	Teleconference
Barmer	Mike	EnergyConnect, Inc.	Teleconference
Bryant	Eric	FirstEnergy Solutions Corp.	Teleconference
Buhler	Thomas	Rockland Electric Company	Teleconference
Clemans	Steve	AES	Teleconference
Crudup	Larry	Galt Power Inc.	Teleconference
Davis	James	Dominion Energy Marketing, Inc.	Teleconference
Johnston	Todd	Appalachian Power Company	Teleconference
Kern	Stephan	American Transmission Systems, Inc.	Teleconference
Klohonatz	Mark	FirstEnergy Solutions Corp.	Teleconference
Lloyd	David	UGI Utilities, Inc.	Teleconference
LOWE	CONNIE	Dominion Virginia Power	Teleconference
Miller	Jermel	Baltimore Gas and Electric Company	Teleconference
Stine	Randy	Metropolitan Edison Company	Teleconference
Sullivan	James	Neptune Regional Transmission System, LLC	Teleconference
Wagner	Daniel	Appalachian Power Company	Teleconference
Yohnk	Darrel	ITC Interconnection LLC	Teleconference
Jim	Benckek		Teleconference
Benjamin	Bernier		Teleconference
Charles	Bonner		Teleconference
Karyn	Carter		Teleconference
Robert	Duan		Teleconference
David	Forcum		Teleconference
Andre	Francis		Teleconference
Mike	Gahimer		Teleconference
John	Garavaglia		Teleconference

Mark	Garza		Teleconference
Terry	Gates		Teleconference
Mark	Grear		Teleconference
Vincent	Guntle		Teleconference
Tom	Hoatson		Teleconference
John	Karasiewicz		Teleconference
David	Mabry		Teleconference
Brandon	McGee		Teleconference
Jermel	Miller		Teleconference
Brock	Ondayko		Teleconference
Brian	Runowski		Teleconference
Jacquie	Smith		Teleconference
James	Stack		Teleconference
Randy	Stine		Teleconference
John	Sturgeon		Teleconference
Brian	Thiry		Teleconference

Others Present

Bickel	Todd	PJM Interconnection, LLC	In-Person
Bielak	Donnie	PJM Interconnection, LLC	In-Person
Boyle	Glen	PJM Interconnection, LLC	In-Person
Callaghan	Chris	PJM Interconnection, LLC	In-Person
Caven	Augustine	PJM Interconnection, LLC	In-Person
Davis	Elizabeth	PJM Interconnection, LLC	In-Person
Derin	Bilge	PJM Interconnection, LLC	In-Person
Hoang	Liem	PJM Interconnection, LLC	In-Person
Hislop	Dave	PJM Interconnection, LLC	In-Person
Hoke	Mike	PJM Interconnection, LLC	In-Person
Lake	Diane	PJM Interconnection, LLC	In-Person
Le	Vy	PJM Interconnection, LLC	In-Person
Manno	Dean	PJM Interconnection, LLC	In-Person
McGlynn	Paul	PJM Interconnection, LLC	In-Person
Stefanowicz	Vincent	PJM Interconnection, LLC	In-Person
Tam	Simon	PJM Interconnection, LLC	In-Person
Tutino	Joseph	PJM Interconnection, LLC	In-Person

Administration

1. The Agenda for this meeting was approved.
2. Minutes for the August 02, 2018 Joint SOS Meeting were approved.

Review of Operations

3. Mr. Bielak provided an update of System Operations in August and recent hot weather.
4. Mr. Bielak reviewed the Apparent Cause Analysis findings surrounding the July 10th Frequency Excursion Event. The causal factors and recommendations were reviewed.

eDART and DTS Updates

5. eDART User Groups: Ms. Le talked about upcoming eDART changes for Voltage Schedules and Voltage Limits. The next release is scheduled for late October with User Group meetings in early October.
6. Dispatcher Training Subcommittee (DTS): Mr. Hoke informed that the exam and renewal rates will be going up by the end of the year. Currently, the transmission certification exam is still in the blackout phase. NERC announced an item writing workshop for May 2019.

System Operator Training and Certification

7. Mr. Hoke provided the update. All transmission companies are compliant. Two generation companies and two CSPs are non-compliant.

Regional Standards, NAESB, and Compliance Update

8. Mr. Zhang provided an update on NERC, NAESB, and RFC & SERC Regional Standards.
9. No member issues regarding NERC/RFC reported.

NERC Update

10. Mr. Bielak reviewed circumstances and findings from four recent Lesson's Learned published by NERC.

Communication Protocol Review

11. Mr. Boyle reviewed communication protocols as part of the annual assessment. The assessment was satisfactory to the SOS-Joint.

PJM Manual Updates

12. Ms. Derin provided a second read on changes Manual 1 revision 39. The changes were endorsed by the SOS-Joint.
13. Mr. Manno provided a first read on changes to Manual 13 related to resiliency efforts.
14. Ms. Lake provided a first read on changes to Manual 3A revision 17. Revision 16 was fast tracked

Interface Changes

15. Mr. Callaghan reviewed updates to the existing Western interface as well as a new PA Central interface. The PA Central interface will be used during certain system conditions.

Generation Updates

16. Mr. Stefanowicz reviewed multiple topics related to Cold Weather Preparation. Survey will be coming out to gather Cold Weather related information.
17. Mr. Caven provided an update on the new Voltage Schedules application in eDART. Multiple questions were raised regarding expectations and processes going forward. Additional discussion will occur at the October SOS.

2018 Winter Emergency Procedures Drill

18. Mr. Zhang reminded that the dates for the 2018 Winter Emergency Procedures drill are November 6 for primary and November 13 as the backup. Drill documents will be sent out in October.

Anti-trust:

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.