

System Operations Subcommittee – Generation and Transmission
PJM Conference and Training Center
February 24, 2016
09:00am – 10:30 am (EDT)

Transmission Members Present

LAST NAME	FIRST NAME	COMPANY	
Pilong (Chair)	Chris	PJM Interconnection	In-Person
Yeddanapudi (Secretary)	Sree	PJM Interconnection	In-Person
Bryant	Eric	FirstEnergy Solutions Corp.	Teleconference
DeVitto	Ralph	Rockland Electric Company	Teleconference
Felix	Robert	Duquesne Light Company	Teleconference
Fusek	David	Appalachian Power	Teleconference
Garavaglia	John	Commonwealth Edison Company	Teleconference
Hopkins	Sandra	Dominion Virginia Power	Teleconference
Hunt	Randy	Virginia Electric & Power Company	Teleconference
Johnston	Todd	Appalachian Power Company	Teleconference
Kern	Stephan	American Transmission System LLC	Teleconference
Klohonatz	Mark	First Energy Solutions Corp.	Teleconference
Lloyd	David	UGI Utilities, Inc.	Teleconference
Miller	Jermel	Baltimore Gas and Electric Company	Teleconference
Schloendorn	Ron	PECO Energy Company	Teleconference
Stine	Randy	Metropolitan Edison Company	Teleconference
Wharton	Ron	Public Service Electric and Gas Company	Teleconference
Whittaker	Greg	East Kentucky Power Cooperative, Inc.	Teleconference

Generation Members Present

Grear	Mark	Exelon Generation Co	Teleconference
James	Louise	Dominion Energy Market Inc.	Teleconference
Jankowski	Christopher	Talen Energy Marketing LLC	Teleconference
Keilholtz	Kenny	Gen On Energy Management LLC	Teleconference

Others Present

D'Antonio	Phil	PJM Interconnection	In-Person
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Fahr	Suzie	PJM Interconnection	In-Person
Hoang	Liem	PJM Interconnection	In-Person
Hoke	Mike	PJM Interconnection	In-Person
Ike-Egbuonu	Chidi	PJM Interconnection	In-Person
Kuras	Mark	PJM Interconnection	In-Person
Tam	Simon	PJM Interconnection	In-Person
Thomas	Jack	PJM Interconnection	In-Person

Administration

1. The Agenda for this meeting was approved.
2. The Draft Minutes of the January 27 Joint meeting were approved as written.
3. Other Administrative Items
 - a. SOS Charter Review: Mr. Pilog reviewed draft changes to the SOS charter. He sought feedback on SOS efforts and informed that the Charter will be further discussed at the next SOS meeting.
 - b. Phone System Outage: Mr. Pilog informed the SOS that the PJM phone system will be upgraded and an outage will be scheduled on 02/26/2016. The email on the timing will be sent to the SOS distribution lists. During this outage, other communication mediums such as SAT phones will be operational.
 - c. Real time communication between PJM and TOs: Mr. Pilog discussed about potential use of technologies such as Send Word Now for use by PJM and TO operators during time of system events. These help quickly shared across neighboring systems. He sought feedback from TOs on their experience using the technology.

Review of Operations

4. Mr. Pilog provided an update of System Operations. For the month of January 2016: CPS1: 157.1%, BAAL: 99.8%, CPS2: (84.4%). There were no DCS events in January. He informed that there were 2 cold weather alerts in January and 1 Spinning event and 4 PCLLRW events.

For the partial month of February 2016, so far there have been 16 PCLLRW events. He explained that overall, the winter has been rather uneventful with mild weather.

Member Operational Issues: None

Working Group and Task Force Updates

5. eDART User Groups –Ms. Ike-Egbuonu provided an update on eDART changes for first quarter of 2016. She informed that an eDART release is scheduled for last week of March. She also informed the SOS about upcoming changes to eDART which include: Network Model Requests and Cut-In Transmission Tickets Linkage. She also informed that changes were being proposed to Reactive Reserve Check Enhancements

similar to recent Instantaneous Reserve Check (IRC) implementation and were targeted for 2nd quarter 2016. She also informed that PJM reviewed all dormant eDART accounts and will terminate access to these accounts if no longer in use.

6. Dispatcher Training Subcommittee (DTS) – Mr. Hoke informed about upcoming PJM System Operator Training seminar between 03/08 and 05/06 and encouraged member participation.

System Operator Training and Certification

7. Mr. Hoke provided the results of certification and training statuses. Transmission – All companies are in compliance with the Training & Certification requirements. Generation- 3 companies are non-compliant; 1 with mitigation plans in place for Training. 8 are companies non-compliant; 5 with mitigation plans in place for Certification. Small Generation –3 companies are non-compliant; 3 with mitigation plans in place. CSP- 1 companies non-compliant; 0 with mitigation plans in place. PJM is working with all companies to develop mitigation plans for non-compliance.

Regional Standards, NAESB, and Compliance Update

8. Mr. Kuras provided an update on NERC, SERC, RFC, and NAESB Regional Standards. He informed Project 2010-05.3 Phase 3 of Protection Systems: Remedial Action Schemes (RAS) is currently open for feedback and comments are due on 03/18/2016. He also reviewed a list of new standards that will become effective from July 01, 2016. Standards that will be effective in 2017 were also reviewed.
9. The SOS addressed any ongoing Member issues regarding NERC/RFC Audits. None identified.

Manual Updates

10. Mr. Yeddanapudi provided a second read of Manual 12 changes to incorporate Attachment F: Dynamic Transfers. He reviewed the changes made to the manual based on member feedback. The manual changes will be reviewed at upcoming OC for endorsement.
11. Ms. Fahr provided a second read of Manual 01 changes to update references to various PJM legacy systems and terms. Section 3.8 has been added to discuss EMS network link outage: planning, coordination and notification.

Annual Grid Security Drill Update

12. Ms. Sidella provided further details about Annual Grid Security Drill to be conducted by PJM on November 09 2016. The Drill is intended to assess incident response and restoration capabilities due to coordinated physical or cyber security attacks. The Drill will be open to both Generation and Transmission Operators and participation is encouraged. Further details are provided in the slide presentation.

Future Agenda Items

Review of Communication protocols per COM-002-4 Standard (Sept/Oct 2016) – Glen Boyle

Synchrophasors – how will PJM be using them in 2015 – Dave Hislop

Reactive Curve Verification – recurring

Generator semi-annual review (October/April)

TO semi-annual review (November/May)

Generator Performance Monitor Update

Drill Dates

February 23-24, 2016

2016 Spring RTO restoration drill

May 10, 2016

Summer Emergency Procedures drill

Future Meeting Dates

December 22, 2015

9:00 AM

PJM Conference & Training Center

January 27, 2016

9:00 AM

PJM Conference & Training Center

February 24, 2016

9:00 AM

PJM Conference & Training Center

March 30, 2016

9:00 AM

PJM Conference & Training Center

Author: Sree Yeddanapudi

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.

On the Phone Dial



Mute / Unmute