

System Operations Subcommittee – Generation and Transmission
 PJM Conference and Training Center
 November 30, 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
Barmer	Mike	Dominion Virginia Power	Teleconference
Bryant	Eric	FirstEnergy Solutions Corp.	Teleconference
Dinsmore	Frank	Appalachian Power Company	Teleconference
Felix	Robert	Duquesne Light Company	Teleconference
Forcum	David	Duke Energy Ohio, Inc.	Teleconference
Fusek	David	Appalachian Power Company	Teleconference
Garavaglia	John	Commonwealth Edison Company	Teleconference
Gilpen	Joe	Duke Energy Ohio, Inc.	Teleconference
Gupta	Vinit	ITC Interconnection LLC	Teleconference
Hopkins ES	Sandra	Dominion Virginia Power	Teleconference
Hozempa	Lary	FirstEnergy Solutions Corp.	Teleconference
Klohonatz	Mark	FirstEnergy Solutions Corp.	Teleconference
Laura	Lumbrazo	Rockland Electric Company	Teleconference
LeFevre ES	Donna	Dominion Virginia Power	Teleconference
Lloyd	David	UGI Utilities, Inc.	Teleconference
Lowe	Connie	Dominion Virginia Power	Teleconference
Mayle	Gregory	FirstEnergy Solutions Corp.	Teleconference
McKinney	Greg	East Kentucky Power Cooperative, Inc.	Teleconference
Miller	Jermel	Baltimore Gas and Electric Company	Teleconference
O'Leary	Christopher	PSEG Energy Resources and Trade LLC	Teleconference
Ondayko	Brock	Appalachian Power Company	Teleconference
Pleiss	Gary	Jersey Central Power & Light Company	Teleconference
Roettker	Joseph	Duke Energy Ohio, Inc.	Teleconference
Sauriol	Dennis	AEP Ohio Transmission Company, Inc.	Teleconference
Skumanich	Bill	PPL Electric Utilities Corp. dba PPL Utilities	Teleconference
Stine	Randy	Metropolitan Edison Company	Teleconference
Wagner	Daniel	Appalachian Power Company	Teleconference
Wharton	Ronald	Public Service Electric & Gas Company	Teleconference

Generation Members Present

Grear	Mark	Exelon Generation Co., LLC	Teleconference
Hoatson	Tom	Riverside Generating, LLC	Teleconference
Jankowski	Christopher	Talen Energy Marketing, LLC	Teleconference

Others Present

Boyle	Glen	PJM Interconnection, LLC	In-Person
Brodbeck	John	EDP Renewables North America, LLC	In-Person
Carmean	Gregory	Organization of PJM States, Inc.	Teleconference
Croop	Danielle	PJM Interconnection, LLC	In-Person
D'Antonio	Phil	PJM Interconnection, LLC	In-Person
Esposito	Pati	TransCanada Power Marketing Ltd.	Teleconference
Ford	Andy	PJM Interconnection, LLC	In-Person
Hoang	Liem	PJM Interconnection, LLC	In-Person
Hoke	Mike	PJM Interconnection, LLC	In-Person
Hsia	Eric	PJM Interconnection, LLC	In-Person
Stefanowicz	Vincent	PJM Interconnection, LLC	Teleconference
Thomas	Jack	PJM Interconnection, LLC	In-Person
Zhang	Mike	PJM Interconnection, LLC	Teleconference

Administration

1. The Agenda for this meeting was approved.
2. The Draft Minutes of the October 26 Joint meeting were approved as drafted.

Review of Operations

3. Mr. Pilong provided an update of System Operations. For the month of October 2016: CPS1: 129.78%, BAAL: 99.7%, CPS2: (81.61%) and DCS 100% events. He informed that there were 8 PCLLRW events with 7 High System Voltage events.

For the partial month of November 2016, so far there have been 1 PCLLRW event and 2 High System Voltage events.

Member Operational Issues: None

Working Group and Task Force Updates

4. eDART User Groups – Mr. Zhang provided an overview of future enhancements planned for eDART targeted for December 2016. He also provided an update on the eDART user group activities.

Dispatcher Training Subcommittee (DTS)

5. No updates.

System Operator Training and Certification

6. Mr. Hoke provided the results of certification and training statuses. Transmission – All companies are in compliance with the Training & Certification requirements. Generation- One Company is non-compliant for Training. One Company is non-compliant for Certification. Small Generation –two companies are non-compliant for Initial Requirements. CSP- one company is non-compliant for Initial Requirements.

Regional Standards, NAESB, and Compliance Update

7. Mr. Kuras provided an update on NERC, SERC, RFC, and NAESB Regional Standards.
8. The SOS addressed any ongoing Member issues regarding NERC/RFC Audits. None identified.

Manual Updates

9. Mr. Caven provided a second read of changes to PJM Manual 14D, Revision 40.
10. Mr. Pilog provided a second read of changes to PJM Manual 13, Revision 61.
11. Ms. Croop also provided a second read of DASR changes for PJM Manual 13 Revision 61.
12. Mr. Hoang provided a first read of changes to PJM Manual 38, Revision 10.
13. Ms. Sauerwine provided a first read of changes to PJM Manual 40, Revision 18.

Extended Transmission Outages for 2016/17

14. Ms. Huang reviewed the major transmission outages for upcoming winter.

Winter Operations Outlook

15. Mr. Pilog provided an operations outlook for Winter 2016/2017.

NERC Lessons Learned

16. Mr. D'Antonio reviewed the recently posted NERC Lessons Learned.

NERC Webinar

17. Mr. Pilog informed about the upcoming NERC webinar and encouraged participation.

Generator Winter Testing

18. Mr. Lee informed about 2016 Cold Weather Generation Resource Operational Exercise. He informed that GOs can schedule testing of generators during December and explained that currently ~4,100 test MWs of generation was scheduled to perform the testing. He also informed about the 2016 Cold Weather Preparation Checklist eDART Survey scheduled to occur between 12/1-12/15.

Future Agenda Items

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

Reactive Curve Verification – recurring

Generator semi-annual review (October/April)

TO semi-annual review (November/May)

Future Meeting Dates

February 02, 2017	9:00 AM	PJM Conference & Training Center
March 02, 2017	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.

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