

System Operations Subcommittee – Generation and Transmission
PJM Conference and Training Center
May 25, 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
Baker	Jeff	Duke Energy Ohio, Inc.	Teleconference
Dinsmore	Frank	Appalachian Power Company	Teleconference
Fusek	David	Appalachian Power Company	Teleconference
Garavaglia	John	Commonwealth Edison Company	Teleconference
Hunt	Randy	Virginia Electric & Power Company	Teleconference
Kern	Stephan	American Transmission Systems, Inc.	Teleconference
Libbos	Robin	FirstEnergy Solutions Corp.	Teleconference
Lloyd	David	UGI Utilities, Inc.	Teleconference
Mayle	Gregory	FirstEnergy Solutions Corp.	Teleconference
McKinney	Greg	East Kentucky Power Cooperative, Inc.	Teleconference
Miller	Jermel	Baltimore Gas and Electric Company	Teleconference
Muller	Dave	Duquesne Light Company	Teleconference
O'Leary	Christopher	PSEG Energy Resources and Trade LLC	Teleconference
Patten	Kevin	Appalachian Power Company	Teleconference
Pleiss	Gary	Jersey Central Power & Light Company	Teleconference
Schloendorn	Ronald	PECO Energy Company	Teleconference
Skumanich	William	PPL Electric Utilities Corporation	Teleconference
Stine	Randy	Metropolitan Edison Company	Teleconference
Summers	Jim	Potomac Electric Power Company	Teleconference
Umbregio	Laurel	Rockland Electric Company	Teleconference
Verner	Jane Ann	Potomac Electric Power Company	Teleconference
Wagner	Daniel	Appalachian Power Company	Teleconference
Wharton	Ronald	Public Service Electric & Gas Company	Teleconference
Whitaker	Greg	East Kentucky Power Cooperative	Teleconference

Generation Members Present

Bryant	Eric	FirstEnergy Solutions Corp.	Teleconference
Grear	Mark	Exelon Generation Co., LLC	Teleconference
James	Denise	Dominion Energy Marketing, Inc.	Teleconference
Keilholtz	Kenny	GenOn Energy Management, LLC	Teleconference
Lowe	Connie	Dominion Virginia Power	Teleconference
Stefanowicz	Vince	Talen Energy Marketing, LLC	Teleconference
Tatum	Ed	American Municipal Power	Teleconference

Others Present

Boyle	Glen	PJM Interconnection, LLC	In-Person
Ciabattoni	Joe	PJM Interconnection, LLC	In-Person
DeLoach	Ronald	PJM Interconnection, LLC	In-Person
Hoang	Liem	PJM Interconnection, LLC	In-Person
Hoke	Mike	PJM Interconnection, LLC	In-Person
Hopkins ES	Sandra	Dominion Virginia Power	Teleconference
Ike-Egbuonu	Chidi	PJM Interconnection, LLC	In-Person
LeFevre ES	Donna	Dominion Virginia Power	Teleconference
Powell	Bill	PJM Interconnection, LLC	In-Person
Scott	Nicole	PJM Interconnection, LLC	In-Person
Souder	David	PJM Interconnection, LLC	In-Person
Tam	Simon	PJM Interconnection, LLC	In-Person

Administration

1. The Agenda for this meeting was approved.
2. The Draft Minutes of the April 27 Joint meeting were approved with modifications.

Review of Operations

3. Mr. Pilong provided an update of System Operations. For the month of April 2016: CPS1: 142.1%, BAAL: 99.5%, CPS2: (80.6%) and DCS 100% events. He informed that there were 5 PCLLRW events with 10 High System Voltage events. There was a spinning event on 04/14 @20:09 which resulted in a shared reserve event.

For the partial month of May 2016, so far there have been 1 PCLLRW events and 5 High System Voltage events. There was a spinning event on 5/11/2016 @15:55.

Member Operational Issues: None

Working Group and Task Force Updates

4. eDART User Groups –Ms. Ike-Egbuonu informed that eDART will have a release on the evening of 05/25 during eDART will be unavailable. Changes in the release include: eDART changes for Capacity Performance, Default Status Switch Tracking, Owners Report enhancements and ambient air outage rule changes. She also provided an overview of changes being planned for June release along with ongoing efforts for termination of dormant eDART accounts.

Dispatcher Training Subcommittee (DTS)

5. Mr. Hoke informed that the PJM System Operator Training was successfully completed. He informed about Online Refresher course associated with the upcoming Summer EP Drill. Due to a new emergency procedure, this training will be required to be completed by all Generation Dispatchers, Transmission Operators & CSPs by July 1st. He informed about upcoming training available for May and June 2016 and encouraged participation.

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- 2 companies are non-compliant; 2 with mitigation plans in place for Training. 4 are companies non-compliant; 4 with mitigation plans in place for Certification. Small Generation –1 companies are non-compliant; 0 with mitigation plans in place. CSP- All companies compliant with Training and Certification requirements. PJM has contacted companies that are non-compliant and working to resolve all instances of non-compliance.

Regional Standards, NAESB, and Compliance Update

7. Mr. Kappagantula 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. DeLoach provided a first read of changes being made to PJM Manual 03a Revision 11. Along with administrative updates, a new section describing modeling responsibilities for BtMG and an appendix for TOs to provide information to PJM about BtMG have been included. The changes will be reviewed again at the next SOS meeting.
10. Mr. Ciabattoni provided a first read of changes being made to PJM Manual 14D. Changes are being made to Attachment L to provide further details on the communication models for Joint Owned Units (JOU). The changes will be reviewed again at the next SOS meeting.

Emergency Procedures Update

11. Ms. Ike-Egbuonu provided an update on changes to PJM Emergency Procedures due to Capacity Performance. She provided an overview of the changes being made along with descriptions of event messages along with actions to be taken by members. The changes will be available in Sandbox and Production environment by May 26.

2016 Summer Emergency Procedures Drill Debrief

12. Mr. Powell reviewed the outcomes and observations from May 10, 2016 Summer Emergency Procedures Drill.

NERC MOD-032 implementation

13. Mr. Thompson provided an overview of the requirements in NERC MOD-032. He informed that PJM is working with TOs to compile the data required to meet the requirements in standard. PJM has deployed an application for members to review and approve their data by July 31, 2016. Based on feedback received, PJM will enhance the application for members to provide a bulk-upload of their information.

Instantaneous Reserve Check

14. Mr. Piong reviewed the purpose of the PJM issued Instantaneous Reserve Check report. He informed that while most generation owners were responding to PJM request for IRC, response in many cases has been delayed making it challenging to validate the information. He informed that further information will be provided at upcoming SOS meetings and urged GOs to provide the information in a timely manner.

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

November 09, 2016

Annual Grid Security Drill

Future Meeting Dates

June 29, 2016	9:00 AM	PJM Conference & Training Center
July 27, 2016	9:00 AM	PJM Conference & Training Center
August 31, 2016	9:00 AM	PJM Conference & Training Center
September 28, 2016	9:00 AM	PJM Conference & Training Center
October 26, 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