



Meeting Minutes

System Operations Subcommittee – Generation and Transmission
PJM Conference and Training Center
November 02, 2017
09:00am – 11:00 am (EDT)

Transmission Members Present

LAST NAME	FIRST NAME	COMPANY	
Pilong (Chair)	Chris	PJM Interconnection, LLC	In-Person
Baptiste (Secretary)	Maria	PJM Interconnection, LLC	In-Person
Baker	Jeff	Duke Energy Ohio, Inc.	Teleconference
Balascak	Andrew	PPL Electric Utilities Corp. dba PPL Utilities	Teleconference
Barmer	Mike	Dominion Virginia Power	Teleconference
Bonner	Charles	Dominion Virginia Power	Teleconference
Bryant	Eric	FirstEnergy Solutions Corp.	Teleconference
Buhler	Thomas	Rockland Electric Company	Teleconference
Clemons	Steve	Dayton	Teleconference
Felix	Robert	Duquesne	Teleconference
Grear	Mark	Exelon Generation Co.	Teleconference
Hoatson	Tom	Riverside Generating LLC	Teleconference
Hopkins	Sandra	Dominion Virginia Power	Teleconference
Hozempa	Lawrence	FirstEnergy Solutions Corp.	Teleconference
Jones	David	Gridforce Energy Management, LLC	Teleconference
Kern	Stephan	American Transmission Systems, Inc.	Teleconference
LeFevre	Donna	Dominion Virginia Power	Teleconference
Libbos	Robin	FirstEnergy Solutions Corp.	Teleconference
Lowe	Connie	Dominion Virginia Power	Teleconference
Mali	Gizella	FirstEnergy Solutions Corp.	Teleconference
Mayle	Gregory	FirstEnergy Solutions Corp.	Teleconference
McCauley	Andrew	Baltimore Gas and Electric Company	Teleconference
Patten	Kevin	Appalachian Power	Teleconference
Runowski	Brian	Commonwealth Edison	Teleconference
Shaffer	Chris	Appalachian Power	Teleconference
Stack	James	Duquesne	Teleconference
Wagner	Daniel	Appalachian Power Company	Teleconference
Wharton	Ronald	Public Service Electric & Gas Company	Teleconference
Yohnk	Darrel	ITC Interconnection	Teleconference
Davis	Becky	Talen Energy Marketing, LLC	Teleconference

Generation Members Present

Grear	Mark	Exelon Generation Co., LLC	Teleconference
Jankowski	Christopher	Talen Energy Marketing, LLC	Teleconference
Keilholtz	Kenny	GenOn Energy Management	Teleconference
Lokhandwalla	Faizmin	Dynegy	Teleconference

Others Present

Bielak	Donnie	PJM Interconnection, LLC	In-Person
Boyle	Glen	PJM Interconnection, LLC	In-Person
Caven	Augustine	PJM Interconnection, LLC	In-Person
DePasquale	William	PJM Interconnection, LLC	In-Person
Fitzpatrick	Brian	PJM Interconnection, LLC	In-Person
Foladare	Kenneth	Tangibl	In-Person
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
Jaychandran	Marilyn	PJM Interconnection, LLC	In-Person
Nice	Ryan	PJM Interconnection, LLC	In-Person
Ofoegbu	Chidiogo	PJM Interconnection, LLC	In-Person
Schloendorn	Ronald	PECO-Energy	In-Person
Smolanitsky	Yuri	PJM Interconnection, LLC	In-Person
Stefanowicz	Vincent	PJM Interconnection, LLC	In-Person
Tam	Simon	PJM Interconnection, LLC	In-Person
Walker	Preston	PJM Interconnection, LLC	In-Person
Brown	Ty	AEP	Teleconference
Croop	Danielle	PJM Interconnection, LLC	Teleconference
Gagen	Roderick	Dominion Virginia Power	Teleconference
Parihar	Sameer	PJM Interconnection, LLC	Teleconference

Administration

1. The Agenda for this meeting was approved.
2. Mr. Yohnk requested his company name be corrected to 'ITS Interconnection'. Pending that change, Minutes for the October 4, 2017 Joint SOS Meeting are approved.

Review of Operations

3. Mr. Pilong provided an update of System Operations, displaying average peak loads over 18 and 24 month periods. For the month of September, he informed that there were 17 PCLLRW events with 7 High System Voltage events.

eDART and DTS Updates

4. eDART User Groups – Ms. Ofoegbu reviewed December 2017 Enhancements due to implement on 12/13/2017. Ms. Ofoegbu also addressed updates to eDART registration form, and advised the Transmission Facilities page on pjm.com now requires CEII approval. Notice was also provided of the upcoming user group meeting on 11/21/2017. No questions.
5. Mr. Hoke reviewed dates for upcoming meetings for Dispatcher Training Subcommittee (DTS). No questions.

System Operator Training and Certification

6. Mr. Hoke reported that a survey was recently sent to members requesting feedback on human performance issues; responses due Friday, 11/3. Feedback may be incorporated into upcoming operator training materials.

Regional Standards, NAESB, and Compliance Update

7. Mr. Walker provided an update on NERC, NAESB, and RFC & SERC Regional Standards. Regarding Standards FAC-010-3, FAC-011-4, FAC-014-2 and FAC-015-1, Mr. Walker advised that PJM plans to vote yes. Mr. Walker also addressed two letters: CIP-002 and CIP-014. Members seeking information on these changes via email must have CEII clearance to obtain; CEII Request Form link was provided. No questions.
8. No member issues regarding NERC/RFC reported.

NERC Winter Preparation

9. Mr. Bielak advised the Webinar for Winter Preparation for Sever Weather Events originally planned for 9/7/2017 was postponed due to Hurricane Irma, and is now reworked as a multimedia presentation. Links to the streaming webinar and presentation were provided. Winter Reliability Assessment points were provided.

Gas-Electric Initiative

10. Mr. Fitzpatrick and Ms. Jayachandran provided an update on operationalizing Gas-Electric Contingencies and PJM's efforts to provide PJM operators with operational information and improve coordination with pipelines and LDCs. Mr. Fitzpatrick advised they will be focusing on this in 2018 in line with automation efforts in Markets Gateway.

Implementation of BAL-002-02

11. Mr. Eric Hsia addressed purpose and implementation of BAL-002-02, summary of impacts, and which manuals will be updated. No questions.

PJM Manual Updates

Before beginning Manual Updates, Mr. Piong noted that while first reads were conducted on Manuals 03, 10, 13, and 14-D, revision was required per downstream reviews. These revisions and are now being re-presented as first reads today.

12. Mr. Nice conducted a first read of proposed changes to Manual 01 (Revision 36) regarding communication during unplanned EMS outages. A second read will be provided at the December SOS Joint meeting. Following a question, Mr. Nice provided clarification on slide 16 on difference between 2nd and 3rd bullet. Clarification also requested on the 30-minute timeline outlined on slides 14 and 15, and Mr. Piong clarified that if electronic data communications fail and the member company can get it back quicker than 30 minutes, no communication is required. However, exceeding 30 minutes requires communication and updates every 30 minutes thereafter. Data Exchange Requirements (Section 3, 3.88) have been moved to Manual 13 for relevancy.
13. Mr. Piong addressed additional changes to Manual 13, Rev. 65 since previous review at October 4, 2017 meeting. A second read will be done at December 2017 Joint SOS.

14. Mr. Smolanitsky addressed additional revisions to Manual 03, Revision 52 since previous review at October 4, 2017. A second read will be done at December 2017 SOS.
15. Mr. Stefanowicz addressed additional revisions to Manual 14-D, Rev. 42 since previous review at October 4, 2017. A second read will be done at December 2017 SOS.
16. Mr. Stefanowicz addressed additional revisions to Manual 10, Rev. 36 since previous review at October 4, 2017. A second read will be done at December 2017 SOS.

Reactive Curve Verification

17. Mr. Caven provided a verbal report on reactive curve verification. No questions.

PJM Winter Preparedness

18. Mr. Caven addressed a seasonal fuel inventory and emissions survey, cold weather checklist, and a resource winter operational exercise. A summary of PJM winter preparations was shared, as well as a winter weather outlook. No questions.

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.