



Meeting Minutes

System Operations Subcommittee – Generation and Transmission
PJM Conference and Training Center
May 02, 2019
09:00am – 11:00 am (EDT)

SOS Members Present

LAST NAME	FIRST NAME	COMPANY	
Pilong (Chair)	Chris	PJM Interconnection, LLC	Teleconference
Zhang (Secretary)	Michael	PJM Interconnection, LLC	In-Person
Baker	Jeff	Duke Energy Ohio, Inc.	Teleconference
Balascak	Andrew	PPL Electric Utilities Corp. dba PPL Utilities	Teleconference
Buhler	Thomas	Rockland Electric Company	Teleconference
Crudup	Larry	Galt Power Inc.	Teleconference
Felix	Robert	Duquesne Light Company	Teleconference
Fusek	David	Appalachian Power Company	Teleconference
Graybill	Amanda	American Transmission Systems, Inc.	Teleconference
Grear	Mark	Exelon Generation Co., LLC	Teleconference
Johnston	Todd	Appalachian Power Company	Teleconference
Karasiewicz	John	Public Service Electric & Gas Company	Teleconference
Kern	Stephan	American Transmission Systems, Inc.	Teleconference
Klohonatz	Mark	FirstEnergy Solutions Corp.	Teleconference
Lake	David	FirstEnergy Solutions Corp.	Teleconference
Libbos	Robin	FirstEnergy Solutions Corp.	Teleconference
Lloyd	David	UGI Utilities, Inc.	Teleconference
LOWE	CONNIE	Dominion Virginia Power	Teleconference
Murdock	Edward	Dynegy Marketing & Trade, LLC (Liberty)	Teleconference
Runowski	Brian	Commonwealth Edison Company	Teleconference
Sells	Scott	East Kentucky Power Cooperative, Inc.	Teleconference
Stine	Randy	Metropolitan Edison Company	Teleconference
Straight	Richard	FirstEnergy Solutions Corp.	Teleconference
Wagner	Daniel	Appalachian Power Company	Teleconference
Yohnk	Darrel	ITC Interconnection LLC	Teleconference
Bernier	Benjamin		Teleconference
Burton	Blaine		Teleconference
Cichowski	Thomas		Teleconference
Engelmann	Alan		Teleconference
Francis	Andre		Teleconference

Gooden	Mark		Teleconference
Markiewicz	Cindy		Teleconference
Raminfar	Amir		Teleconference
Regner	Ron		Teleconference
Runowski	Brian		Teleconference
Sebold	Mike		Teleconference
Shaffer	Chris		Teleconference
Stack	James		Teleconference
Thomas	Buhler		Teleconference

Others Present

Bennett	Daniel	PJM Interconnection, LLC	In-Person
Bielak	Donnie	PJM Interconnection, LLC	In-Person
Caven	Augustine	PJM Interconnection, LLC	In-Person
Derin	Bilge	PJM Interconnection, LLC	In-Person
Dropkin	Ilyana	PJM Interconnection, LLC	In-Person
Dropkin	Rob	PJM Interconnection, LLC	In-Person
Frogg	Darrell	PJM Interconnection, LLC	In-Person
Hoang	Liem	PJM Interconnection, LLC	In-Person
Jani	Alpa	PJM Interconnection, LLC	In-Person
Mathew	Lagy	PJM Interconnection, LLC	In-Person
Ofoegbu	Chidi	PJM Interconnection, LLC	In-Person
Sliwa	Stan	PJM Interconnection, LLC	In-Person
Stefanowicz	Vincent	PJM Interconnection, LLC	In-Person
Tacka	Natalie	PJM Interconnection, LLC	In-Person
Tam	Simon	PJM Interconnection, LLC	In-Person
Clifford	Kyle	PJM Interconnection, LLC	Teleconference

Administration

1. The Agenda for this meeting was approved.
2. Minutes for the March 01, 2019 Joint SOS Meeting were approved.

Review of Operations

3. Mr. Bielak provided an update of System Operations in April, overall a relatively quiet month as outage season starts. There was one PCLLRW and two shared reserve events.

eDART and DTS Updates

4. eDART User Groups: Ms. Ofoegbu reviewed upcoming eDART changes. The next eDART release is scheduled for May 29 to release restoration plan updates. Upcoming enhancements include Company Distributed Workflow and Voltage Limits.
5. Mr. Stefanowicz reviewed the ongoing D-Curve review for TOs to perform pre-summer review of reactive capabilities.
6. Dispatcher Training Subcommittee (DTS): Mr. Zhang reviewed information for the ongoing seminars and provided updates regarding the new Generation Dispatcher Certification exam.

System Operator Training and Certification

7. Mr. Zhang provided the update. All transmission companies are compliant. Four generation companies are non-compliant for training and six companies are non-compliant for certification. One small generation company and one CSP are non-compliant.

Regional Standards, NAESB, and Compliance Update

8. No update on standards and compliance.
9. No member issues regarding NERC/RFC reported.

PJM Manual Updates

10. Mr. Mathew provided a second read on changes to Manual 3. The changes were endorsed by the SOS-Joint.
11. Mr. Hoang provided a second read on changes to Manual 36. The changes were endorsed by the SOS-Joint.
12. Ms. Derin provided a second read on changes to Manual 1. The changes were endorsed by the SOS-Joint.
13. Mr. Stefanowicz provided a second read on changes to Manual 10. The changes were endorsed by the SOS-Joint.
14. Mr. Caven provided a second read on cover to cover changes to Manual 13. The changes were endorsed by the SOS-Joint.
15. Ms. Tacka provided a second read on Gas Contingency changes to multiple manuals. The changes were endorsed by the SOS-Joint.
16. Mr. Bennett provided a first read on changes to Manual 39. The changes were endorsed by the SOS-Joint

Nuclear Unit Outage Ramp Coordination

17. Mr. Frogg discussed issues and possible changes to coordinating nuclear unit outages and associated transmission outages. Data submission questions were raised and a follow up will be had at the next SOS-Joint meeting.

Gen Model Tool

18. Mr. Clifford provided an update on PJM's Gen Model tool and its capabilities.

TPL-007-2 GMD Standard

19. Ms. Dropkin reviewed changes to standard TPL-007-2 relating to Geomagnetic Disturbance Events.

RAS Retirement

20. Mr. Engelmann, ComEd, reviewed the upcoming Remedial Action Scheme retirement at Quad Cities.



Meeting Minutes

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.