

**Joint System Operations Subcommittee – Generation and Transmission**  
**PJM Conference & Training Center**  
**October 10, 2019**  
**09:00 a.m. EDT**

## SOS Participants

LAST NAME	FIRST NAME	COMPANY	
Carroll (Chair)	Rebecca	PJM Interconnection LLC	In-Person
Dajewski (Secretary)	Paul	PJM Interconnection LLC	In-Person
Brodbeck	John	EDP Renewables North America, LLC	In-Person
Baptiste	Maria	PJM Interconnection LLC	In-Person
Ford	Andy	PJM Interconnection LLC	In-Person
Pilong	Chris	PJM Interconnection LLC	In-Person
Stefanowicz	Vince	PJM Interconnection LLC	In-Person
Moran	Chris	PJM Interconnection LLC	In-Person
Hoke	Mike	PJM Interconnection LLC	In-Person
Zhang	Mike	PJM Interconnection LLC	In-Person
Brown	Rich	PJM Interconnection LLC	In-Person
Bielak	Donnie	PJM Interconnection LLC	In-Person
Mulhern	Joe	PJM Interconnection LLC	In-Person
Shenk	Jordan	PJM Interconnection LLC	In-Person
Bennett	Dan	PJM Interconnection LLC	In-Person
Ofoegbu	Chidi	PJM Interconnection LLC	In-Person
Davis	Becky	PJM Interconnection LLC	In-Person
Manno	Dean	PJM Interconnection LLC	In-Person
Mathew	Lagy	PJM Interconnection LLC	In-Person
Dropkin	Rob	PJM Interconnection LLC	In-Person
Bickel	Todd	PJM Interconnection LLC	In-Person
Baizman	Aaron	PJM Interconnection LLC	In-Person
Boyle	Glen	PJM Interconnection LLC	In-Person
Tuna	Erkan	PJM Interconnection LLC	In-Person
Adams	Chris	East Kentucky Power Cooperative, Inc	Teleconference
Baker	Jeff	Duke Energy Ohio, Inc.	Teleconference
Balascak	Andrew	PPL Electric Utilities Corp.	Teleconference
Barmer	Mike	Dominion Virginia Power	Teleconference
Bryant	Eric	FirstEnergy Solutions Corp.	Teleconference
Carter	Karyn	Grand Ridge Energy LLC	Teleconference
Caven	Augustine	PJM Interconnection LLC	Teleconference

Clemans	Steve	AES	Teleconference
Davis	Becky	PJM Interconnection LLC	Teleconference
Downs	Jere	PJM Interconnection LLC	Teleconference
Evans	Dave	ComEd	Teleconference
Fields	Scott	Metropolitan Edison Company	Teleconference
Frogg	Darrell	PJM Interconnection LLC	Teleconference
Fusek	Dave	Appalachian Power Company	Teleconference
Gooden	Mark	Appalachian Power Company	Teleconference
Grear	Mark	Exelon Generation Co., LLC	Teleconference
Hoang	Liem	PJM Interconnection LLC	Teleconference
Hoey	Edward	PJM Interconnection LLC	Teleconference
Jardot	Gina	Essential Power Rock Springs, LLC	Teleconference
Jayachandran	Marilyn	PJM Interconnection LLC	Teleconference
Johnston	Todd	PSEG Energy Resources and Trade LLC	Teleconference
Kern	Stephan	American Transmission Systems, Inc.	Teleconference
Klohonatz	Mark	FirstEnergy Solutions Corp.	Teleconference
Lake	David	FirstEnergy Solutions Corp.	Teleconference
Lawrence	Anthony	East Kentucky Power Cooperative, Inc	Teleconference
Libbos	Robin	Duquesne Light Company	Teleconference
Lloyd	David	UGI Utilities, Inc.	Teleconference
Mabry	David	McNees Wallace & Nurick LLC	Teleconference
Mali	Gizella	FirstEnergy Solutions Corp.	Teleconference
Markiewicz	Cindy	FirstEnergy Solutions Corp.	Teleconference
McGee	Brandon	Customized Energy Solutions, Ltd	Teleconference
Metzler	Jakob	Castleton Commodities Merchant Trading LP	Teleconference
Muhl	Nancy	PJM Interconnection LLC	Teleconference
O'Leary	Chris	PSEG Energy Resources and Trade LLC	Teleconference
Power	Charles	Customized Energy Solutions, Ltd	Teleconference
Schloendorn	Ron	PECO Energy Company	Teleconference
Schweizer	David	PJM Interconnection LLC	Teleconference
Sebold	Mike	Public Service Electric & Gas Company	Teleconference
Squibb	Bill	Ohio Valley Electric	Teleconference
Stevens	Chris	DC Energy LLC	Teleconference
Sullivan	James	Neptune Regional Transmission Systems	Teleconference
Summers	Jim	Delmarva Power & Light Company	Teleconference
Vitiello	Jacki	Raiden Commodities LP	Teleconference
Whitehead	Jeff	GT Power Group	Teleconference
Yohnk	Darrel	ITC Interconnection LLC	Teleconference

## Administration (9:00-9:10)

1. Agenda for the October 10<sup>th</sup> meeting was approved.
2. Draft Minutes from the September 05, 2019 SOS Joint Meeting were approved.
3. PJM Stakeholder Survey will be open Monday, September 30, until Friday, October 11. PJM will be updating its current stakeholder email communication tool later this year. The survey notifications will be sent using the new tool. **Stakeholders are being asked to provide their IT departments the IP address, 13.111.63.217**, to ensure members receive stakeholder communications from the new tool. If subscribers are unable to whitelist the IP address, please check the company spam folder to allow communications from "@lists.pjm.com".
4. Mr. Dajewski requested SOS-Joint members review the SOS-J roster.
5. Mr. Dajewski performed a first read of the proposed changes to the SOS Charter. Stakeholders did not have any feedback on the proposed changes. Mr. Dajewski will seek endorsement of these changes at the November meeting.

## Operating Agreement Updates (9:10-9:20)

6. Mr. Shenk provided a first read on changes to the Operating Agreement section 18.17: Disclosure of Confidential Data. Mr. Shenk will provide a second read and seek endorsement of these changes at the November meeting.

## Review of Operations (9:20-9:25)

7. Ms. Carroll provided an update of System Operations in September, which included one Hot Weather Alert, 2 Spin Events, 3 Shared Reserve Events and 33 PCLLRWs. Ms. Carroll also provided a summary of October 1<sup>st</sup> and October 2<sup>nd</sup> hot weather operations. PJM will continue to internally review the events of those two days and present additional information at the November Operating Committee meeting.

## eDART and DTS Updates (9:25-9:35)

8. eDART User Groups – Ms. Ofoegbu provided an update on the recent release of eDART, which occurred on October 8<sup>th</sup>. Ms. Ofoegbu also discussed the intent to roll the eDART and eDART XML User Groups under the Tech Change Forum.
9. Dispatcher Training Subcommittee (DTS) – Mr. Hoke discussed the new LMS password requirements. Anyone who has not logged in recently will be forced to reset their password the next time they log in. Fall training sessions are posted on the website.

## System Operator Training and Certification (9:35-9:40)

10. Mr. Hoke provided an update on training and certification. All transmission companies are compliant with training and certification requirements, one generation company is non-compliant for training and

certification, three small generation companies are non-compliant with training, and two CSPs are non-compliant with training.

## Regional Standards, NAESB, and Compliance Update (9:40-9:50)

11. Mr. Moran discussed the proposed revisions to IRO-010-2 and TOP-003-3. Mr. Moran also covered a voluntary survey for Eastern and Western Interconnection Generator Operators. The survey form should be submitted to PJM as the BA.
12. The SOS solicited for any ongoing member issues regarding NERC/RFC. No comments were provided.

## NERC Lessons Learned (9:50-10:05)

13. Mr. Bielak reviewed recent lessons learned published by NERC.

## Manual Updates (10:05-10:25)

14. Ms. Baptiste provided a second read on changes to M03A Rev. 18. The SOS endorsed Rev 18 of M03A without comment.
15. Mr. Stefanowicz provided a first read on changes to M14-D Rev 51. Mr. Stefanowicz will provide a second read and seek endorsement of these changes at the November meeting.
16. Mr. Mathew provided a first read on changes to M03 Rev 56. Mr. Mathew will provide a second read and seek endorsement of these changes at the November meeting.

## Communications Protocols Annual Review (10:25-10:35)

17. Mr. Brown performed an annual review of the Communications Protocols in PJM Manual 01, in accordance with COM-002-4. The 2020 PJM Operator Seminar will feature Effective Communication sessions.

## Alburtis – Breinigsville 500kV Outage Overview (10:35-10:45)

18. Mr. Manno provided an overview of the Alburtis – Breinigsville 500kV long duration outage.

## Automated CT Notification (10:45-10:50)

19. Mr. Baizman provided an update on the Automated CT Notification effort. Phase 2 of the project has been postponed to Q4 of 2019.

## Generating Facility Cold Weather Operating Limits Survey (10:50-10:55)

20. Mr. Stefanowicz discussed the development of a planned survey related to the Generating Facility cold weather operating limits. The survey will be available through eDART starting on 12/1/19 through 04/1/2020. Mr. Yohnk discussed the NERC published cold weather operation guidelines for generators.

## Event Analysis Process (10:55-11:00)

21. Mr. Boyle discussed the Event Investigation Program, located in Attachment K of Manual 13. The language is outdated and may not reflect current processes. Last time the process was used was the 2013 load shed. Mr. Boyle will come back to the November SOS with proposed changes.

## Future Agenda Items

Review of PJM Manual 13 (Sept, Mar)

Reactive Curve Verification – recurring

Generator semi-annual review (October/April)

TO semi-annual review (November/May)

## Future Meeting Dates

November 07, 2019	9:00 a.m.	PJM Conference & Training Center/ WebEx
December 06, 2019	9:00 a.m.	PJM Conference & Training Center/ WebEx

Author: Paul Dajewski

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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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