



# Meeting Minutes

System Operations Subcommittee – Generation and Transmission  
PJM Conference and Training Center  
March 29, 2018  
09:00am – 11:00 am (EDT)

## Transmission Members Present

LAST NAME	FIRST NAME	COMPANY	
Zhang (Secretary)	Michael	PJM Interconnection, LLC	In-Person
Bryant	Eric	FirstEnergy Solutions Corp.	Teleconference
Clemans	Steve	AES	Teleconference
Felix	Robert	Duquesne Light Company	Teleconference
Graybill	Amanda	American Transmission Systems, Inc.	Teleconference
Hozempa	Lawrence	FirstEnergy Solutions Corp.	Teleconference
Johnston	Todd	Appalachian Power	Teleconference
Kern	Stephan	American Transmission Systems, Inc	Teleconference
Klohonatz	Mark	FirstEnergy Solutions Corp.	Teleconference
Lowe	Connie	Dominion Virginia Power	Teleconference
Mali	Gizella	FirstEnergy Solutions Corp.	Teleconference
McKinney	Greg	East Kentucky Power Cooperative, Inc.	Teleconference
Miller	Jermel	Baltimore Gas and Electric	Teleconference
Stine	Randy	Metropolitan Edison Company	Teleconference
Sullivan	James	Neptune Regional Transmission System, LLC	Teleconference
Wagner	Daniel	Appalachian Power Company	Teleconference
Yohnk	Darrel	ITC Interconnection LLC	Teleconference
Schloendorn	Ronald	PECO Energy Company	Teleconference

## Generation Members Present

Ayres	Rachel	Exelon Generation Co., LLC	Teleconference
Bonner	Charles	Dominion Virginia Power	Teleconference
Hoatson	Tom	Riverside Generating, LLC	Teleconference

## Others Present

Bielak	Donnie	PJM Interconnection, LLC	In-Person
Handlin	Michael	PJM Interconnection, LLC	In-Person
Hatch	Kevin	PJM Interconnection, LLC	In-Person
Hoang	Liem	PJM Interconnection, LLC	In-Person
Kappagantula	Srinivas	PJM Interconnection, LLC	In-Person
Ofoegbu	Chidi	PJM Interconnection, LLC	In-Person
Souder	David	PJM Interconnection, LLC	In-Person
Oakes	Brian	PJM Interconnection, LLC	In-Person
Walker	Preston	PJM Interconnection, LLC	In-Person
Ciabattoni	Joe	PJM Interconnection, LLC	In-Person
Caven	Augustine	PJM Interconnection, LLC	In-Person
Smolanitsky	Yuri	PJM Interconnection, LLC	In-Person
Bennett	Daniel	PJM Interconnection, LLC	In-Person
Ford	Adrien		In-Person
Brown	Robert	AEP Energy Partners, Inc.	Teleconference
Helms	Joseph	Rainbow Energy Marketing Corporation	Teleconference
Herel	Suzanne	RTO Insider	Teleconference
Fusek	David		Teleconference
Horstmann	John		Teleconference

## Administration

1. The Agenda for this meeting was approved.
2. Minutes for the March 29, 2018 Joint SOS Meeting were approved.

## Review of Operations

1. Mr. Bielak provided an update of System Operations in March and discussed impacts of three snow storms.

## eDART and DTS Updates

3. eDART User Groups: Ofoegbu reviewed enhancements in the March 27, 2018 release and upcoming enhancements in the Q2 release.
4. Mr. Zhang informed that the seminar is currently ongoing in Cincinnati and moving to Short Pump, Virginia next week.

## System Operator Training and Certification

5. Mr. Zhang provided on the training and certification statuses. All transmission companies are compliant. Three generation, one small generation, and one CSP are non-compliant.

## Regional Standards, NAESB, and Compliance Update

6. Mr. Walker provided an update on NERC, NAESB, and RFC & SERC Regional Standards.
7. No member issues regarding NERC/RFC reported.

## Voltage Schedules

8. Mr. Caven provided background and expectations of the upcoming Voltage Schedules application within eDART. The application will satisfy audit findings and centralize updates. Rollout will occur in Q2 2018 with usage by TOs/GOs by Q4. Questions were raised regarding training on the usage of the application. PJM will provide training materials closer to implementation time.

## PJM Manual Updates

9. Mr. Hatch provided a first read on changes in Manual 36 rev 25.
10. Mr. Smolanitsky provided a first read on changes in Manual 03.

## PJM Matrix Update

11. Mr. Kappagantula provided a first read on changes to the TO/TOP Matrix V12. Questions were raised regarding the TOP-004 standard; they were deferred to the SOS-T for discussion.

## Reactive Transfer Interface Update

12. Mr. Smolanitsky presented changes to the Reactive Transfer Interface definitions on the Cleveland and Eastern interfaces. A question was raised at the SOS-T regarding calculation changes. There will be no calculation changes associated with the definition changes.

## Automatic CT Call-On

13. Mr. Ciabattini introduced an enhancement to electronically call on units in real-time, replacing phone calls. PJM is looking to start a pilot program and looking for feedback on implementation considerations. Multiple questions were raised regarding compliance, design details, expectations from GOs, and participation on the pilot.

The change has been vetted in regards to the COM-002 standard and will be reviewed again for additional compliance requirements. More details and requirements will be provided to the SOS as they become available. Interest in the pilot program can be directed to the contacts listed in the presentation material.

## NERC Lessons Learned

14. Mr. Bielak discussed two NERC Lessons Learned regarding State Estimator Outage Tuning/EMS Settings Calibration and Breaker Failure due to Trip Coil Polarity.

## Generation Department Updates

15. Mr. Lee reminded of the Pre-Summer Generator D-curve Acknowledgement occurring in April. An e-mail was sent to the SOS-G with additional details.

16. Mr. Lee provided an update on the 2018 RTO Black Start efforts. Responses are currently coming in and PJM is reviewing level two proposals. A question was raised regarding TO outreach. PJM will notify TOs of proposals that make it past level one for feedback.

**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.