

Joint System Operations Subcommittee – Generation and Transmission
WebEx Only
February 8, 2021
9:00 a.m. EPT

LAST NAME	FIRST NAME	COMPANY
Barnes	Miranda	American Transmission Systems, Inc.
Beckett	Dan	First Energy Company
Benckek	Jim	American Transmission Systems, Inc.
Bennett	Daniel	PJM Interconnection, LLC
Berger	Keith	First Energy Company
Bernier	Benjamin	Gridforce Energy Management, LLC
Bickel	Todd	PJM Interconnection, LLC
Bielak	Donnie	PJM Interconnection, LLC
Boyle	Glen	PJM Interconnection, LLC
Brady	George	Ohio Valley Electric Corp
Brier	Michael	Exelon Business Services Company, LLC
Brodbeck	John	EDP Renewables North America, LLC
Brown	Richard	PJM Interconnection, LLC
Bryant	Eric	FirstEnergy Solutions Corp.
Bryson	Mike	PJM Interconnection, LLC
Buhler	Thomas	Rockland Electric Company
Carroll (Chair)	Rebecca	PJM Interconnection, LLC
Caven	Augustine	PJM Interconnection, LLC
Christopher	Mahila	Public Utilities Commission of Ohio (The)
Cichowski	Thomas	Duquesne Light Company
Cox	Ryan	Appalachian Power Company
Crudup	Larry	Galt Power Inc.
Dajewski (Secretary)	Paul	PJM Interconnection, LLC
Davis	Elizabeth	PJM Interconnection, LLC
De Salvo	Russell	Commonwealth Edison Company
DePasquale	William	PJM Interconnection, LLC
Downes	Peter	Public Service Electric & Gas Company
Engelmann	Alan	Commonwealth Edison Company
Fan	Zhenyu	PJM Interconnection, LLC
Felix	Robert	Duquesne Light Company
Fields	Scott	FirstEnergy Solutions Corp.
Foladare	Kenneth	Tangibl
Francis	Andre	Southern Maryland Electric Cooperative
Frogg	Darrell	PJM Interconnection, LLC
Fusek	David	Appalachian Power Company
Giordano	Jennifer	FirstEnergy Solutions Corp.

Grear	Mark	Exelon Generation Co., LLC
Guignet	Douglas	Talen Energy Marketing, LLC
Hammack	Matthew	PPL Electric Utilities Corp. dba PPL Utilities
Hatch	Kevin	PJM Interconnection, LLC
Hislop	David	PJM Interconnection, LLC
Hoang	Liem	PJM Interconnection, LLC
Hoatson	Tom	Riverside Generating, LLC
Hoey	Edward	PJM Interconnection, LLC
Hoke	Michael	PJM Interconnection, LLC
Janicki	Diane	Boston Energy Trading & Marketing, LLC
Johnston	David	Indiana Utility Regulatory Commission
Johnston	Todd	Appalachian Power Company
Kimmel	David	PJM Interconnection, LLC
Kinney	James	FirstEnergy Solutions Corp.
Klohonatz	Mark	FirstEnergy Solutions Corp.
Knapp	George	Duke Energy Ohio, Inc.
Kuras	Mark	PJM Interconnection, LLC
Lake	David	FirstEnergy Solutions Corp.
LaRosa	Tee	PJM Interconnection, LLC
Libbos	Robin	FirstEnergy Solutions Corp.
Lloyd	David	UGI Utilities, Inc.
Lowe	Connie	Dominion Virginia Power
Mabry	David	McNees Wallace & Nurick LLC
Mali	Gizella	FirstEnergy Solutions Corp.
Markiewicz	Cindy	FirstEnergy Solutions Corp.
Mathew	Lagy	PJM Interconnection, LLC
McGlynn	Paul	PJM Interconnection, LLC
Norton	Chris	American Municipal Power, Inc.
Ofoegbu	Chidi	PJM Interconnection, LLC
O'Leary	Christopher	PSEG Energy Resources and Trade LLC
Ondayko	Brock	Appalachain Power Company
Owens	Ernest	ITC Mid-Atlantic Development LLC
Phillips	Darlene	PJM Interconnection, LLC
Porter	Donald	Virginia Electric & Power Company
Proconiar	Jason	Dayton Power & Light Company (The)
Renz	Donald	Tenaska Power Services Co.
Rodriguez	Tomas	OPSI
Rohrbach	John	Southern Maryland Electric Cooperative
Schweizer	David	PJM Interconnection, LLC
Schwertner	Cody	Silver Run Electric
Shaffer	Chris	Appalachian Power Company
Squibb	Bill	Ohio Valley Electric Corp

Stefanowicz	Vincent	PJM Interconnection, LLC
Straight	Richard	FirstEnergy Solutions Corp.
Sturgeon	John	Duke Energy Carolinas, LLC
Sullivan	James	Neptune Regional Transmission System, LLC
Summers	Jim	Delmarva Power & Light Company
Tam	Simon	PJM Interconnection, LLC
Vitiello	Jacqueline	Dominion Energy Marketing, Inc.
Wharton	Matthew	PJM Interconnection, LLC
Zhang	Michael	PJM Interconnection, LLC

Administration (9:00-9:05)

1. The agenda for this meeting was approved without comment.
2. The draft minutes from the January 8, 2021 SOS Joint Meeting were approved without comment.

Review of Operations (9:05-9:10)

3. Rebecca Carroll provided an update of System Operations in December. PJM and its members experienced 2 PCLLRWs, 1 Synchronous Reserve Event, 1 Conservative Operations and 2 Shared Reserve Events.
 - B. Rebecca Carroll provided education on the Conservative Operations emergency procedure.

eDART (9:10-9:15)

4. Chidi Ofoegbu provided an update on the latest and upcoming eDART release.
 - a. The latest build of eDART was made available on January 27, 2021. The release included:
 - Nuclear Bus Voltage Limits
 - New Generator Outage Ticket Business Rules
 - Awareness Only Transmission Outage Tickets
 - eDART Dashboard
 - b. eDART Browserless Refresh:
 - Phase 1 will be completed in early Q1 2021
 - Phase 2 expected to be completed Q2 2021

Dispatcher Training Subcommittee Items (9:15-9:20)

5. Bill DePasquale provided an update on items discussed during the last DTS meeting.
 - a. State and Member training will continue to hold virtual sessions and online trainings at least through June
 - S&MT will increase variety and amount of offerings, including expansion of online sessions
 - Improving technical capability to increase the amount of offered simulation training
 - b. General office hours for members are available, register through LMS under Class Schedule section

- c. Topics traditionally covered during the seminar will be available online, expected to be finalized in May, draft training plans can be found here: <https://pjm.com/-/media/training/2021-draft-training-plan.ashx>
- d. PJM West Restoration 2021 Drill dates are March 17 and March 18; phone checks will be performed on March 16
- e. PJM East Restoration 2021 Drill dates are April 7 and April 8; phone check will be performed on April 6
- f. DTS Charter was updated to include drill related activities
- g. Reach out to State and Member Training to inquire additional CEH hours for member operators
- h. Reach out to TrainingSupport@pjm.com if interested in hosting your training through PJM's LMS

Regional Standards, NAESB, and Compliance Update (9:20-9:25)

- 6. Becky Davis provided an update on standards and compliance.
 - a. Project 2019-04 Formal Comment period is open until 02/26/2021, original due date was 02/12/2021, project impacts PRC-005-6
 - b. Project 2019-06 Join Ballot Pools are due 02/25/2021 and Formal Comment Period and Balloting is due 03/21/2021, project impacts EOP-011-2, IRO-010-4, and TOP-003-5
 - c. Draft Reliability Guideline – Operating Reserve Management V3 comments are due by email before 03/18/2021
 - d. The next Reliability First Technical Talks with RF will occur on 2/22/2021
 - e. Standards subject to future enforcement:
 - 04/01/2021: INT-006-5, INT-009-3, IRO-002-7, PER-006-1, PRC-004-6, PRC-027-1, TOP-001-5, FAC-002-3, IRO-010-3, MOD-031-3, MOD-033-2, NUC- 001-4, TOP-001-5, TOP-003-4
 - 07/01/2021: TPL-007-4

Manual Updates (9:25-9:40)

- 7. Matt Wharton performed a first read on changes associated with Manual 37, Rev 18.
- 8. Mark Kuras performed a second read of changes associated with the TO/TOP Matrix, Version 15. The changes were endorsed without comment or concern.
- 9. Mike Hoke performed a second read of changes associated with Manual 40: Certification & Training Requirements. The changes were endorsed without comment or concern.

Special Protection Scheme Update (9:40-9:45)

- 10. Alan Engelmann (ComEd) presented information on the retirement of Kincaid and Elgin Energy Center Special Protection Schemes (SPS).

Problem Statement & Issue Charge Review (9:45-9:50)

11. Mike Zhang reviewed the Problem Statement & Issue Charge for Synchronized Reserve Event Actions and Expectations. The Problem Statement & Issue Charge will be presented at the February 11, 2021 Operating Committee.

COVID-19 Update (9:50-9:55)

12. Paul McGlynn provided an update on PJM's operations plan in response to COVID-19.

Generation COVID-19 Update (9:55-10:00)

13. Dan Bennett provided an update on the impact of COVID-19 on generation outages.

Training COVID-19 Update

14. Mike Hoke provided on update on the impact of COVID-19 on training and the actions State and Member Training is taking to help members meet their training requirements.

Future Meeting Dates

March 8, 2021	9:00 a.m.	WebEx
April 5, 2021	9:00 a.m.	WebEx
May 10, 2021	9:00 a.m.	WebEx
June 7, 2021	9:00 a.m.	WebEx
July 12, 2021	9:00 a.m.	TBD / WebEx
August 9, 2021	9:00 a.m.	TBD / WebEx
September 2, 2021	9:00 a.m.	TBD / WebEx
October 4, 2021	9:00 a.m.	TBD / WebEx
November 1, 2021	9:00 a.m.	TBD / WebEx
November 29, 2021	9:00 a.m.	TBD / WebEx

Author: Paul Dajewski

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