

Joint System Operations Subcommittee – Generation and Transmission

WebEx Only

March 8, 2021

9:00 a.m. EPT

LAST NAME	FIRST NAME	COMPANY
Abramowitz	Jeremy	Monitoring Analytics, LLC
Barner	Michael	Dominion Virginia Power
Barnes	Miranda	American Transmission Systems, Inc.
Benckek	Jim	American Transmission Systems, Inc.
Bennett	Dan	PJM Interconnection, LLC
Bennett	Daniel	PJM Interconnection, LLC
Bernier	Benjamin	Gridforce Energy Management, LLC
Bickel	Todd	PJM Interconnection, LLC
Bielak (Chair)	Donnie	PJM Interconnection, LLC
Bill	Jett	Duke Energy Ohio, Inc.
Bockhorn	Tim	Dayton Power & Light Company (The)
Brodbeck	John	EDP Renewables North America, LLC
Brown	Richard	PJM Interconnection, LLC
Bryant	Eric	FirstEnergy Corporation
Buhler	Thomas	Rockland Electric Company
Chang	Sean	Shell Energy North America (US), L.P.
Cichowski	Thomas	Duquesne Light Company
Cox	Ryan	AEP Appalachian Transmission Company, Inc.
Crudup	Larry	Galt Power Inc.
Dajewski (Secretary)	Paul	PJM Interconnection, LLC
D'Alessandris	Lou	FirstEnergy Corporation
Davis	James	Dominion Energy Generation Marketing, Inc.
Davis	Elizabeth	PJM Interconnection, LLC
De Salvo	Russell	Commonwealth Edison Company
DePasquale	William	PJM Interconnection, LLC
Dobrucky	Christine	Dominion Virginia Power
Downes	Peter	Public Service Electric & Gas Company
Fabiano	Janell	PJM Interconnection, LLC
Fan	Zhenyu	PJM Interconnection, LLC
Felix	Robert	Duquesne Light Company
Fields	Scott	FirstEnergy Corporation
Foladare	Kenneth	Tangibl LLC
Ford	Adrien	Old Dominion Electric Cooperative
Francis	Andre	Southern Maryland Electric Cooperative, Inc.
Frogg	Darrell	PJM Interconnection, LLC
Giordano	Jennifer	FirstEnergy Corporation

Grear	Mark	Exelon Generation Co., LLC
Guignet	Douglas	Talen Energy Marketing, LLC
Guntle	Vince	American PowerNet Management
Hammack	Matthew	PPL Electric Utilities Corp. dba PPL Utilities
Hastings	David	Market Interconnection Consulting Services (MICS)
Hatch	Kevin	PJM Interconnection, LLC
Heisey	Bradley	Wolf Hills Energy, LLC
Himmelspach	Treasa	AEP Appalachian Transmission Company, Inc
Hoang	Liem	PJM Interconnection, LLC
Hoatson	Tom	Riverside Generating, LLC
Hoke	Michael	PJM Interconnection, LLC
Janicki	Diane	Boston Energy Trading & Marketing, LLC
Johnston	David	Indiana Utility Regulatory Commission
Johnston	Todd	AEP Appalachian Transmission Company, Inc.
Kinney	James	FirstEnergy Corporation
Knapp	George	Duke Energy Ohio, Inc.
Lake	David	FirstEnergy Corporation
Libbos	Robin	FirstEnergy Corporation
Lloyd	David	UGI Utilities, Inc.
Markiewicz	Cindy	FirstEnergy Corporation
Mathew	Lagy	PJM Interconnection, LLC
McGlynn	Paul	PJM Interconnection, LLC
Ofoegbu	Chidiogo	PJM Interconnection, LLC
O'Leary	Christopher	PSEG Energy Resources & Trade LLC
Ondayko	Brock	AEP Appalachian Transmission Company, Inc.
Phillips	Darlene	PJM Interconnection, LLC
Pilong	Christopher	PJM Interconnection, LLC
Porter	Donald	Virginia Electric & Power Company
Proconiar	Jason	Dayton Power & Light Company (The)
Purdie	Michael	Dominion Virginia Power
Rodriguez	Tomas	OPSI
Schweizer	David	PJM Interconnection, LLC
Schwertner	Cody	Silver Run Electric
Sells	Scott	East Kentucky Power Cooperative, Inc.
Shaffer	Chris	AEP Appalachian Transmission Company, Inc.
Stefanowicz	Vincent	PJM Interconnection, LLC
Straight	Richard	FirstEnergy Corporation
Sturgeon	John	Duke Energy Carolinas, LLC
Sullivan	James	Neptune Regional Transmission System, LLC
Summers	Jim	Delmarva Power & Light Company
Tam	Simon	PJM Interconnection, LLC
Wharton	Matthew	PJM Interconnection, LLC

Wilson	John	American Transmission Systems, Inc.
Yohnk	Darrel	ITC Interconnection, LLC

Administration (9:00-9:05)

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

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

3. Donnie Bielak provided an update of System Operations in December. PJM and its members experienced 36 PCLLRWs and 4 Cold Weather Alerts.

eDART (9:10-9:15)

4. Chidi Ofoegbu provided an update on the latest and upcoming eDART release.
 - a. eDART Browserless Refresh:
 - Phase 1 is expected to be completed by March 17, 2021
 - Phase 2 is expected to be completed Q2 2021
 - Updated User Guide and training will be provided for each phase

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
 - b. 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>
 - c. PJM West Restoration 2021 Drill dates are March 17 and March 18; phone checks will be performed on March 16
 - d. PJM East Restoration 2021 Drill dates are April 7 and April 8; phone check will be performed on April 6

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

6. Becky Davis provided an update on standards and compliance.
 - a. Project 2015-09 Formal Comment period is open until 04/05/2021, project impacts FAC-014-3
 - b. Project 2019-06 Formal Comment Period and Balloting is due 03/12/2021, 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. Draft Reference Document – Balancing and Frequency Control Reference Document comments are due by email before 03/21/2021
 - e. The next Reliability First Technical Talks with RF will occur on 3/15/2021 and 04/19/2021
 - f. Standards subject to future enforcement:

04/01/2021: FAC-002-3, INT-006-5, INT-009-3, IRO-002-7, IRO-010-3, MOD-031-3, MOD-033-2, NUC-001-4, PER-006-1, PRC-004-6, PRC-006-4, PRC-027-1, TOP-001-5, TOP-003-4
 07/01/2021: TPL-007-4

Manual Updates (9:25-9:30)

7. Matt Wharton performed a second read on changes associated with Manual 37, Rev 18. The changes were endorsed without comment or concern.

COVID-19 Update (9:30-9:35)

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

NERC Lessons Learned (9:35-9:40)

9. Donnie Bielak reviewed recently published NERC Lessons Learned.

President’s Day Cold Weather Review (9:40-9:45)

- 10. Donnie Bielak reviewed cold weather operations experienced during President’s Day weekend.
 - a. Weather main impact was west of the PJM footprint
 - b. PJM experienced average winter weather
 - c. PJM’s fleet performed well, allowing PJM to export a large amount of megawatts
 - d. Interchange to MISO exceeded 13,000 MW, 15,000 MW across all tie lines

GO Survey for Cold Weather Operating Limits (9:45-9:50)

11. Vince Stefanowicz discussed a new GO Survey for Cold Weather Operating Limits.

Future Meeting Dates

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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