

Operating Committee
Webex/ PJM Conference & Training Center
May 11, 2023
11:00 a.m. – 2:15 p.m. EPT

Administration

1. Lauren Strella Wahba, PJM, provided announcements; reviewed the Antitrust, Code of Conduct, Public Meetings/Media Participation, and the WebEx Participant Identification Requirement.
 - a. Reviewed and approved draft minutes from the April 13, 2023 OC meeting. **The Committee approved the draft minutes from the April 13, 2023 Operating Committee meeting with 0 objections and 0 abstentions.**
 - b. Reviewed the OC work plan.
 - c. Approved the OC Charter. No changes have been made to the OC Charter. **The Committee approved the OC Charter with 0 objections and 0 abstentions.**

Review of Operations

2. Review of Operating Metrics
Stephanie Schwarz, PJM, reviewed the April 2023 PJM operating metrics slides. Metrics included PJM's load forecast error, BAAL performance, and transmission / generation outage statistics.
3. Security Update
Steve McElwee, PJM, provided a security briefing.

Endorsements/Approvals

4. Manual 03: Transmission Operations
Dean Manno, PJM, reviewed Manual 03 changes as a part of the periodic review.
The Operating Committee endorsed the changes to Manual 03 with 0 objections and 0 abstentions.
5. Manual 36: System Restoration
Rich Brown, PJM, reviewed Manual 36 changes as a part of the periodic review.
The Operating Committee endorsed the changes to Manual 36 with 0 objections and 0 abstentions.
6. Synchronous Reserve Deployment Task Force Update
Vijay Shah, PJM, reviewed a recommendation to sunset the Synchronous Reserve Deployment Senior Task Force (SRDTF).
The Operating Committee endorsed the sunset of the Synchronous Reserve Deployment Senior Task Force (SRDTF).

First Reading

7. Outage Coordination
 - a. Joe Bowring, IMM, provided a first read of the IMM proposed solution package.
 - b. Paul Dajewski, PJM, provided a first read of the PJM/PSEG/DC Energy proposed joint solution package.

The Operating Committee will be asked to vote on the proposed solution packages at its next meeting.

[Issue Tracking: Outage Coordination](#)

LUNCH (12:15 – 1:15)

Additional Items

8. Operations Assessment Task Force (OATF) Review

Thinzar Aung, PJM, reviewed the results of the summer 2023 OATF Study.
9. Unit Limitations Overview

Brian Oakes, PJM, provided a refresher on unit limitation reporting.
10. Reliability Compliance Update

Becky Davis, PJM, provided an overview on NERC, SERC, RF, and NAESB standards, and other pertinent regulatory and compliance information, and solicited feedback from the members on Reliability Compliance efforts.
- X. GridEx VII Announcement

Ed Figuli, PJM, provided an announcement regarding the coordination of this year's GridEx Drill.
- Y. Synchronized Reserve Requirement for Reliability

Donnie Bielak, PJM, discussed an increase of the synchronized reserve requirement to meet reliability standards.

Working Items

None

Informational Only Postings

11. System Operations Subcommittee (SOS)

Informational posting of the summary of the most recent SOS meeting.
12. NERC Lessons Learned

Informational posting of the latest posted NERC Lessons Learned report.

13. Special eDART Form – FERC Order 881

For awareness only, see the [presentation](#) for the Special [eDART Forum](#) – FERC Order 881 of 5/8/2023 for information on topics impacting eDART TERM application per FERC Order 881. A future Special eDART Forum – FERC Order 881 is also scheduled on 5/30/2023 to address any follow items from the meeting on 5/8/2023, if needed.

Attendance

In-Person Attendance			
Last Name	First Name	Company	Sector
Patel (Facilitator)	Anita	PJM Interconnection, LLC	None
Strella Wahba (Secretary)	Lauren	PJM Interconnection, LLC	None
Aung	Thinzar	PJM Interconnection, LLC	None
Benchek	Jim	American Transmission Systems, Inc.	Transmission Owner
Bielak	Donnie	PJM Interconnection, LLC	None
Braerman	Kenneth	Baltimore Gas & Electric Company	Transmission Owner
Bryson	Michael	PJM Interconnection, LLC	None
Buehler	Susan	PJM Interconnection, LLC	None
Chmielewski	Brian	PJM Interconnection, LLC	None
Connelly	Matt	PJM Interconnection, LLC	None
D’Antonio	Phil	PJM Interconnection, LLC	None
Davis	Becky	PJM Interconnection, LLC	None
Downs	Jere	PJM Interconnection, LLC	None
Fabiano	Janell	PJM Interconnection, LLC	None
Greening	Michele	PJM Interconnection, LLC	None
Hatch	Kevin	PJM Interconnection, LLC	None
Jarrah	Danny	PPL Electric Utilities Corp.	Transmission Owner
Leith-Yessian	Devin	RTO Insider	None
McElwee	Steve	PJM Interconnection, LLC	None
Oakes	Brian	PJM Interconnection, LLC	None
Phillips	Darlene	PJM Interconnection, LLC	None
Pilong	Christopher	PJM Interconnection, LLC	None
Pincus	Steve	PJM Interconnection, LLC	None
Scheirer	Alexandra	PJM Interconnection, LLC	None
Scott	Nicole	PJM Interconnection, LLC	None
Shah	Vijay	PJM Interconnection, LLC	None
Stanisz	Mark	PJM Interconnection, LLC	None

Sweeney	Rory	Power Prose, Inc.	None
Webex Attendance			
Afelumo	Foluso	PJM Interconnection, LLC	None
Aguilar	Fabiano Silveira	Strom Power, LLC	Other Supplier
Aitoro	David	Voltus	
Anderson	Juliet	Constellation Energy Generation, LLC	Generation Owner
Baker	Jeff	PJM Connect	None
Barker	Jason	Vitol Inc.	Generation Owner
Barmer	Mike	Dominion Virginia Power	Transmission Owner
Beblo	Olivia	Duquesne Light Company	Transmission Owner
Bennett	Daniel	PJM Interconnection, LLC	None
Bleiweis	Bruce	DC Energy LLC	Other Supplier
Bowring	Joe	Monitoring Analytics	None
Boyle	Glen	PJM Interconnection, LLC	None
Breeding	Michael	PJM Interconnection, LLC	None
Bresler	Stu	PJM Interconnection, LLC	None
Brodbeck	John	EDP Renewables North America, LLC	Generation Owner
Brown	Richard	PJM Interconnection, LLC	None
Callen	Zachary	Illinois Commerce Commission	None
Chen	Hong	PJM Interconnection, LLC	None
Christopher	Mahila	Public Utilities Commission of Ohio (The)	None
Chu	George	PJM Interconnection, LLC	None
Ciabattoni	Joe	PJM Interconnection, LLC	None
Circelli	Roseanne	Public Service Electric & Gas Company	Transmission Owner
Cobb	Jacqueline	PJM Interconnection, LLC	None
Corash	Richard	PSEG Energy Resources	Other Supplier
Croop	Danielle	PJM Interconnection, LLC	None
Curley	Maureen	PJM Interconnection, LLC	None
Curtis	Kenneth	Enverus, Inc.	None
Dajewski	Paul	PJM Interconnection, LLC	None
Daugherty	Danielle	ReliabilityFirst	None
Davis	James (Jim)	Dominion Energy Generation Marketing, Inc.	Generation Owner

DeGiusto Jr	Vince	UGI Utilities, Inc.	Transmission Owner
Dropkin	Robert	PJM Interconnection, LLC	None
Dugan	Chuck	East Kentucky Power Cooperative, Inc.	Transmission Owner
Edmonds	Brian	District of Columbia Public Service Commission	None
Egan	Amanda	PJM Interconnection, LLC	None
Fan	Zhenyu	PJM Interconnection, LLC	None
Fereshetian	Damon	PJM Interconnection, LLC	None
Fewless	Dwayne	ReliabilityFirst Corporation	None
Figuli	Edward	PJM Interconnection, LLC	None
Fink	Sari	American Wind Energy Association	None
Foladare	Kenneth (Ken)	Geenex Solar LLC	Other Supplier
Foster	Tom	PJM Interconnection, LLC	None
Foster Cronin	Denise	East Kentucky Power Cooperative, Inc.	Transmission Owner
Fitzgerald	John	Tennessee Valley Authority	Other Supplier
Franks	Chris	PJM Interconnection, LLC	None
Frogg	Darrell	PJM Interconnection, LLC	None
Fultz	McClain	PPL Electric Utilities Corporation	Transmission Owner
Garnett	Bryan	Duke Energy Ohio, Inc.	Transmission Owner
Gilani	Rehan	RWE Clean Energy	Other Supplier
Guntle	Vince	American PowerNet Management	End-Use Customer
Haque	Asim	PJM Interconnection, LLC	None
Hartman	Frank	PJM Interconnection, LLC	None
Hauske	David	PJM Interconnection, LLC	None
Hauske	Tom	PJM Interconnection, LLC	None
Herbert	Sebastian	DC Energy	Other Supplier
Herel	Suzanne	PJM Interconnection, LLC	None
Himmelspach	Treasa	Appalachian Power Company	Transmission Owner
Hislop	David	PJM Interconnection, LLC	None
Hoatson	Thomas (Tom)	LS Power Development, LLC	None
Hohenshilt	Jennifer	Talen Energy Marketing, LLC	Generation Owner
Horger	Tim	PJM Interconnection, LLC	None
Horning	Lynn Marie	American Municipal Power, Inc.	Electric Distributor
Horstmann	John	Dayton Power & Light Company (The)	Transmission Owner
Hsia	Eric	PJM Interconnection, LLC	None


Hurwich	Mark	Elliott Bay Energy Trading, LLC	Other Supplier
Hyatt	Earl	Monitoring Analytics, LLC	None
Hyzinski	Tom	GT Power Group	None
Janicki	Diane	Boston Energy Trading & Marketing, LLC	Other Supplier
Jardot	Gina	NRG Power Marketing LLC	Generation Owner
Johnson	Carl	Customized Energy Solutions, Ltd.*	None
Jones	Noah	Voltus, Inc.	Other Supplier
Kelley	Ryan	Duke Energy, Inc.	Transmission Owner
Kelly	Ross	PJM Interconnection, LLC	None
Kelly	Stephen	Brookfield Energy Marketing LP	Other Supplier
Kimmel	David	PJM Interconnection, LLC	None
Kirk	Steven	NextEra Energy Marketing, LLC	Other Supplier
Laios	Takis	AEP Appalachian Transmission Company, Inc.	Transmission Owner
Lake	David	FirstEnergy Corporation	Transmission Owner
Lee	Ray	PJM Interconnection, LLC	None
Lockwood	Dan	PJM Interconnection, LLC	None
Mabry	David	McNees Wallace & Nurick LLC	None
Mali	Gizella	PJM Interconnection, LLC	None
Manno	Dean	PJM Interconnection, LLC	None
Martin	Amanda	PJM Interconnection, LLC	None
Marzewski	Skylar	PJM Interconnection, LLC	None
Mason	Gary	Monongahela Power Company	Transmission Owner
Matticola	Michele	PJM Interconnection, LLC	None
McClelland	Maura	Public Utilities Commission of Ohio	End-Use Customer
McGlynn	Paul	PJM Interconnection, LLC	None
McGovern	Jason	PJM Interconnection, LLC	None
McLaverly	Megan	PJM Interconnection, LLC	None
Messina	Emmy	PJM Interconnection, LLC	None
Mihaly	Imola	Cogentrix Virginia Financing Holding Company, LLC	Other Supplier
Milla	Rigoberto	NextEra Energy Transmission, LLC	Transmission Owner
Mohler	Tina	PJM Interconnection, LLC	None
Monzon	Stephanie	PJM Interconnection, LLC	None
Mooney	Jeff	Alleghany Power	
Moretti	Andrea	PJM Interconnection, LLC	None

Moscovitz	Daniel	PJM Interconnection, LLC	None
Mulhern	Joseph	PJM Interconnection, LLC	None
Norton	Chris	American Municipal Power	Electric Distributor
Okenfuss	James	Savion, LLC	
Olaleye	Michael	PJM Interconnection, LLC	None
Olinger	Robert	Gen Ops, LLC	Other Supplier
Ondayko	Brock	AEP Appalachian Transmission Company, Inc.	Transmission Owner
Osborn	Eric	EDF Trading North America	Other Supplier
Patel	Shodhan	Constellation Energy	Generation Owner
Pilong	Melissa	PJM Interconnection, LLC	None
Poulos	Greg	CAPS	None
Prokop	Brenda	LS Power Development, LLC	None
Purgar	Tony	ReliabilityFirst Corporation	None
Rainey	John	Northern Virginia Electric Cooperative	Electric Distributor
Ramsay	Eli	PJM Interconnection, LLC	None
Rasmussen	Jay	Duke Energy Business Services LLC	Transmission Owner
Reagan	Ryann	New Jersey Board of Public Utilities	None
Reffner	Brent	PJM Interconnection, LLC	None
Roberts	Casey	Sierra Club	None
Sasser	Jonathan	Customized Energy Solutions, Ltd.*	None
Schmitt	Jeff	PJM Interconnection, LLC	None
Sells	Scott	East Kentucky Power Cooperative, Inc.	Transmission Owner
Shaughnessy	Mike	Duquesne Light Company	Transmission Owner
Shields	Jeff	PJM Interconnection, LLC	None
Smith	Kara	Buckeye Power, Inc.	Electric Distributor
Smith	Marcus	PJM Interconnection, LLC	None
Sorrels	Jim	AEP Appalachian Transmission Company, Inc.	Transmission Owner
Sotkiewicz	Paul	E-Cubed Policy Associates	None
Souder	Michelle	PJM Interconnection, LLC	None
Sprinkle	Dan	Louisville Gas and Electric Company/Kentucky Utilities Company	Transmission Owner
Stemetzki	Michael	PJM Interconnection, LLC	None

Stern	Alexander (Alex)	Public Service Electric & Gas Company	Transmission Owner
Stone	Andy	PJM Interconnection, LLC	None
Sturgeon	John	Duke Energy Carolinas, LLC	Other Supplier
Sunderman	Derek	Savion, LLC	
Svenson	Heather	Public Service Electric & Gas Company	Transmission Owner
Tyler	Catherine	Monitoring Analytics, LLC	None
Uhrin	Jim	ReliabilityFirst	None
Ushijima	Hiroaki	Jpower USA	None
Wang	Daisy	Enel X North America, Inc.	Other Supplier
Waweru	James	PJM Interconnection, LLC	None
Wehnes	Kathleen	Maryland Department of the Environment	None
Wharton	Matthew	PJM Interconnection, LLC	None
Whitehead	Jeffrey (Jeff)	GT Power Group	None
Xu	Xu	PJM Interconnection, LLC	None
Yasutake	Sarah	Gabel and Associates	None
Yeager	Jeff	PJM Interconnection, LLC	None
You	Cindy	Monitoring Analytics, LLC	None
Yovanovich	Laura	PJM Interconnection, LLC	None
Zhang	Michael	PJM Interconnection, LLC	None

OC Subcommittee/ Task Force Informational Section

System Operations Subcommittee (SOS): [SOS Website](#)
 Data Management Subcommittee (DMS): [DMS Website](#)
 DER & Inverter-Based Resources Subcommittee (DIRS): [DIRS Website](#)
 Synchronous Reserve Deployment Task Force: [SRDTF Website](#)
 IROL – CIP Cost Recovery: [IROL – CIP Cost Recovery Issue Tracker](#)
 Outage Coordination: [Outage Coordination Issue Tracker](#)

Future Meeting Dates and Materials			Materials Due to Secretary 	Materials Published
Date	Time	Location	5 p.m.	4 p.m.
June 08, 2023	9 a.m.	PJM Conference & Training Center and webex	May 29, 2023	June 01, 2023
July 13, 2023	9 a.m.	PJM Conference & Training Center and webex	July 03, 2023	July 06, 2023
August 10, 2023	9 a.m.	PJM Conference & Training Center and webex	July 31, 2023	August 03, 2023
September 07, 2023	9 a.m.	PJM Conference & Training Center and webex	August 28, 2023	August 31, 2023

October 05, 2023	9 a.m.	PJM Conference & Training Center and webex	September 25, 2023	September 28, 2023
November 02, 2023	9 a.m.	PJM Conference & Training Center and webex	October 23, 2023	October 26, 2023
December 07, 2023	9 a.m.	PJM Conference & Training Center and webex	November 27, 2023	November 30, 2023

Author: L. Stella Wahba

Antitrust:

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. PJM may create audio, video or online recordings of stakeholder meetings for internal and training purposes, and your participation at such meetings indicates your consent to the same.

Participant Identification in Webex:

When logging into the Webex desktop client, please enter your real first and last name as well as a valid email address. Be sure to select the "call me" option. PJM support staff continuously monitors Webex connections during stakeholder meetings. Anonymous users or those using false usernames or emails will be dropped from the teleconference.

Participant Use of Webex Chat:

The use of the Webex chat feature during meetings shall be primarily reserved for administrative and logistical purposes, such as managing a question or comment queue, noting technical difficulties, and meeting support or management purposes. Utilizing Webex chat for any other commentary should be limited to short phrases. Detailed commentary or substantive dialog shall be shared orally by entering the speaker queue.

<p>On the Phone, Dial</p>  <p>to Mute/Unmute</p>	<p>Linking Teleconference Connection to Webex</p> <p>When logging in to the meeting, access Webex first and select the "call me" feature to receive a direct call to your phone. Using this feature will connect your name to your Webex presence.</p>
--	---

<p>Join a Meeting</p>	<ol style="list-style-type: none"> 1. Join meeting in the Webex desktop client 2. Enter name (<i>First and Last*</i>) and corporate email 3. Under "Select Audio Option" select "Call Me" option from the dropdown menu
------------------------------	--

**Note: Anonymous users or those using false usernames or emails will be dropped from the teleconference.*



Draft Minutes

Provide feedback on the progress of this group: [Facilitator Feedback Form](#)
Visit learn.pjm.com, an easy-to-understand resource about the power industry and PJM's role.