

Operating Committee Webex/ PJM Conference & Training Center April 4, 2024 9:00 a.m. – 11:00 a.m. EPT

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

- 1. Vy Le, PJM, provided announcements; review the Antitrust, Code of Conduct, Public Meetings/Media Participation, and the WebEx Participant Identification Requirement.
  - a. Reviewed and approved draft minutes from the March 7, 2024 Operating Committee meeting.
  - b. Reviewed the 2024 OC work plan.
  - c. Annual review of the OC Charter.

### First Reads (9:10 - 9:30)

- <u>Manual 03: Transmission Operations (9:10 9:20)</u>
  Dean Manno, PJM, reviewed Manual 03 changes as a part of the periodic review.
  The Operating Committee will be asked to endorse these changes at its next meeting.
- <u>Manual 36: System Restoration (9:20 9:30)</u> Rich Brown, PJM, reviewed Manual 36 changes as a part of the periodic review. The Operating Committee will be asked to endorse these changes at its next meeting.

Review of Operations (9:30–9:45)

- <u>Review of Operating Metrics (9:30 9:40)</u> Stephanie Schwarz, PJM, reviewed the March 2024 PJM operating metrics slides. Metrics will include PJM's load forecast error, BAAL performance, and transmission / generation outage statistics.
- 5. <u>Security Update (9:40 9:45)</u> Jim Gluck, PJM, will provide a security briefing.

Additional Items (9:45 - 10:50)

- <u>Reliability Compliance Update (9:45 9:55)</u> Gizella Mali, PJM, will provide an overview on NERC, SERC, RF, and NAESB standards, and other pertinent regulatory and compliance information, and solicit feedback from the members on Reliability Compliance efforts.
- <u>Renewable Dispatch Update (9:55 10:10)</u> Darrell Frogg, PJM, provided an update and education on implementation of following dispatch for renewable generation.
- Blackstart RFP (10:10 10:25) Ray Lee, PJM, provided an update on the 2023 RTO RFP and Awareness for upcoming 2024 Incremental RFP for Fuel Assured Black Start Service.



- PJM Grid Security Drill (10:25 10:30) Rebecca Gerber, PJM, provided an update for the upcoming PJM Grid Security Drill.
- Solar Eclipse (10:30 10:50) Michael Stewart, PJM, provided background information about the April 8, 2024 solar eclipse and discuss plans to prepare for the impacts caused by the solar eclipse

### Working Items

None

Informational Only Postings

- 11. <u>System Operations Subcommittee (SOS)</u> Informational posting of the summary of the most recent SOS meeting.
- 12. Fast Start Capable

Informational posting of the Fast Start Capable presentation.

### Attendance

	In-Person Attendance		
Last Name	First Name	Company	Sector
Patel (Facilitator)	Anita	PJM Interconnection, LLC	None
Le (Secretary)	Vy	PJM Interconnection, LLC	None
Anders	Dave	PJM Interconnection, LLC	None
Arkatin	Tyler	PJM Interconnection, LLC	None
Bryson	Mike	PJM Interconnection, LLC	None
Buonomo	Steve	PPL Electric Utilities Corp. dba PPL Utilities (LSE)	Transmission Owner
Davis	Elizabeth	PJM Interconnection, LLC	None
Frogg	Darrell	PJM Interconnection, LLC	None
Greening	Michele	PJM Interconnection, LLC	None
Hatch	Kevin	PJM Interconnection, LLC	None



Janas	Kim	Consumer Advocates of PJM States	
Kogut	George	New York Power Authority	Other Supplier
Lacek	Mollie	PJM Interconnection, LLC	None
LeithYessian	Devin	RTOInsider	None
Mali	Gizella	PJM Interconnection, LLC	None
McElwee	Steve	PJM Interconnection, LLC	None
Mulhern	Joe	PJM Interconnection, LLC	None
Pilong	Christopher	PJM Interconnection, LLC	None
Poulos	Greg	Consumer Advocates of PJM States	
Scarpignato	David	Calpine Energy Services, L.P.	Other Supplier
Schwarz	Steph	PJM Interconnection, LLC	None
Scott	Nicole	PJM Interconnection, LLC	None
Souder	Dave	PJM Interconnection, LLC	None
Staniz	Mark	PJM Interconnection, LLC	None
Stewart	Michael	PJM Interconnection, LLC	None
Sweeney	Rory	Northern Virginia Electric Cooperative (NOVEC)	Electric Distributor
Zhang	Michael	PJM Interconnection, LLC	None
	V	Vebex Attendance	I
Aguilar	Fabiano	Strom Power, LLC	Other Supplier
Ament	Todd	Cube Hydro Partners, LLC	Generation Owner
Anders	David	PJM Interconnection, LLC	None



Anderson	Juliet	Constellation	Generation Owner
Baizman	Aaron	PJM Interconnection, LLC	None
Beblo	Olivia	Duquesne Light Company	Transmission Owner
Bennett	Daniel	PJM Interconnection, LLC	None
Bleiweis	Bruce	DC Energy LLC	None
Boyle	Glen	PJM Interconnection, LLC	None
Braerman	Ken	Baltimore Gas & Electric	Transmission Owner
Brown	Rich	PJM Interconnection, LLC	None
Buonomo	Steven	PPL Electric Utilities Corp. dba PPL Utilities (LSE)	Transmission Owner
Callen	Zachary	Illinios Commerce Commission	
Callis	Joe	PJM Interconnection, LLC	None
Canter	David	Appalachian Power Company (AEP Generation)	Transmission Owner
Сао	Roger	PJM Interconnection, LLC	None
Chen	Hong	PJM Interconnection, LLC	None
Chmielewski	Brian	PJM Interconnection, LLC	None
Christopher	Mahila	Public Utilities Commission of Ohio (The)	None
Chu	George	PJM Interconnection, LLC	None
Concina	Wendell	Commonwealth Edison Company	Transmission Owner
Corash	Richard	PSEG Energy Resources and Trade	Other Supplier



Corder	Nick	Commonwealth Chesapeake	Generation Owner
		Company, LLC.	
Curtis	Kenneth	Drilling Info, Inc.	None
D'Antonio	Phil	PJM Interconnection, LLC	None
Dadourian	John	Monitoring Analytics, LLC	None
Daugherty	Danielle	ReliabilityFirst	
Davis	Becky	PJM Interconnection, LLC	None
DeGiusto	Vince	UGI Utilities, Inc.	Transmission Owner
DeSalvo	Russell	Commonwealth Edison Company	Transmission Owner
DiDonato	Anthony	PJM Interconnection, LLC	None
Domian	Christin	Duquesne Light Company	Transmission Owner
Downs	Jere	PJM Interconnection, LLC	None
Dugan	Chuck	East Kentucky Power Cooperative, Inc.	Transmission Owner
Eedupuganti	Subbarao	PJM Interconnection, LLC	None
Esquivel	Manuel	PJM Interconnection, LLC	None
Fan	Zhenyu	PJM Interconnection, LLC	None
Fereshetian	Damon	PJM Interconnection, LLC	None
Fetterhhoff	Logan	PJM Interconnection, LLC	None
Filomena	Guy	Customized Energy Solutions	None
Fitzpatrick	Brian	PJM Interconnection, LLC	None
Foladare	Kenneth (Ken)	Geenex Solar LLC	Other Supplier
Forcum	David	Duke Energy Ohio, Inc.	Transmission Owner
Foster	Tom	PJM Interconnection, LLC	None



Fuess	Christian	Diamond State Generation Partners, LLC	Generation Owner
Fultz	McClain	PPL Electric Utilities Corporation	Transmission Owner
Gates	Terry	Appalachian Power Company (AEP Generation)	Transmission Owner
Gilani	Rehan	RWE CLEAN ENERGY WHOLESALE SERVICES, INC.	Other Supplier
Gorman	Brad	American Transmission Systems, Inc.	Transmission Owner
Greening	Michele	PJM Interconnection, LLC	None
Handlin	Michael	PJM Interconnection, LLC	None
Hastings	David	Long Island Lighting Company dba LIPA	Other Supplier
Hauske	Tom	PJM Interconnection, LLC	None
Heinen	Mike	Open Systems International	
Heinle	Erik	Dynegy Marketing and Trade, LLC	Generation Owner
Heisey	Brad	Tenaska Pennsylvania Partners, LLC	Generation Owner
Hislop	David	PJM Interconnection, LLC	None
Hoatson	Thomas	West Deptford Energy, LLC	Generation Owner
Hohenshilt	Jennifer	Talen Energy Marketing, LLC	Generation Owner
Horning	Lynn Marie	American Municipal Power, Inc.	Electric Distributer
Horstmann	John	Dayton Power & Light Company (The)	Transmission Owner
How	Madalin	PJM Interconnection, LLC	None



Hsia	Eric	PJM Interconnection, LLC	None
Hurd	Shawn	Monongahela Power Company d/b/a Allegheny Power	Transmission Owner
Hyat	Earl	Monitoring Analytics, LLC	None
Hyzinski	Tom	GT Power Group	None
ller	Art	Indiana Office of Utility Consumer Counselor	
Janicki	Diane	Boston Energy Trading & Marketing, LLC	Other Supplier
Jones	Scott	Other	
Kelly	Stephen	Brookfield Renewable Trading and Marketing LP (BSMH)	Other Supplier
Kent	Janessa	Duquesne Light Company	Transmission Owner
Keshavamurthy	Bhavana	PJM Interconnection, LLC	None
Kimmel	David	PJM Interconnection, LLC	None
Konowal	Richard	PJM Interconnection, LLC	None
Lacek	Mollie	PJM Interconnection, LLC	None
Laios	Takis	Appalachian Power Company (AEP Transmission)	Transmission Owner
Lake	David	American Transmission Systems, Inc.	Transmission Owner
Lee	Ray	PJM Interconnection, LLC	None
Mabry	David	McNees Wallace & Nurick LLC	None
Manno	Dean	PJM Interconnection, LLC	None
Martinez	Zandy	Rockland Electric Company	Transmission Owner



Mason	Gary	FirstEnergy Solutions Corp.	Transmission Owner
Matheson	Eric		
Mattew	Lagy	PJM Interconnection, LLC	None
Matticola	Michelle	PJM Interconnection, LLC	None
McCorry	Hannah	Illinois Commerce Commission	
McNeil	Justin	Office of the Attorney General, Kentucky	End Use Customer
McTeigue	Caitlin	PJM Interconnection, LLC	None
Nix	Emma	Leeward Asset Management, LLC	Generation Owner
Oakes	Brian	PJM Interconnection, LLC	None
Olinger	Robert	Keystone-Conemaugh Projects, LLC (Conemaugh)	Electric Distributer
Ondayko	Brock	AEP Energy Partners, Inc. (AEP Gen Resources)	Transmission Owner
Pakela	Gregory	DTE Energy Trading, Inc.	Other Supplier
Patel	Harshil	PJM Interconnection, LLC	None
Peebles	Andy	Saracen Energy East LP	Other Supplier
Phillips	Darlene	PJM Interconnection, LLC	None
Pierpont	Dan	Riverside Generating Company, L.L.C.	Generation Owner
Pilong	Melissa	PJM Interconnection, LLC	None
Prokop	Brenda	Silver Run Electric, LLC	Transmission Owner
Rainey	John	Northern Virginia Electric Cooperative (NOVEC)	Electric Distributer



Rassmussen	Jay	Duke Energy Services LLC	Transmission Owner
Ritterbeck	John	Office of the Ohio Consumers' Counsel	
Rohrbach	John	Wabash Valley Power Association,  Electric Distribut    Inc.  Electric Distribut	
Sasser	Jonathan	Customized Energy Solutions, Ltd.	
Schroeder	Connie	Dominion Virginia Power	Transmission Owner
Selick	Sam	Customized Energy Solutions	None
Shah	Vijay	PJM Interconnection, LLC	None
Shannon	Gary	AEP Energy Partners, Inc.	Transmission Owner
Smoker	Tim	PJM Interconnection, LLC	None
Sorrels	Jim	AEP Appalachian Transmission Company, Inc.	Transmission Owner
Sotkiewicz	Paul	E-Cubed Policy Associates	
Sprinkle	Dan	Louisville Gas and Electric Company/Kentucky Utilities Company	Transmission Owner
Stadelmeyer	Rebecca	PJM Interconnection, LLC	None
Stefanowicz	Vince	PJM Interconnection, LLC	None
Stemestzki	Mike	PJM Interconnection, LLC	None
Stern	Alex	Exelon Business Services Company, LLC	Transmission Owner
Stone	Andy	PJM Interconnection, LLC	None
Sturgeon	John	Duke Energy Carolinas, LLC	Other Supplier
Suh	Jung	Calpine Energy Services, L.P.	Generation Owner



Swalwell	Brad	Tangent Energy Solutions, Inc.	Other Supplier
Sweeney	Rory	Northern Virginia Electric Cooperative	Other Supplier
Taylor	Dan	PJM Interconnection, LLC	None
Tell	Shawn	BlackCoat Capital	None
Ushijima	Hiroaki	Jpower USA	None
Wehnes	Kathleen	Retired	
Wharton	Matthew	PJM Interconnection, LLC	None
Whitehead	Jeff	GT Power Group	
Yeh	Cynthia	Dominion Virginia Power	Transmission Owner
Yovanovich	Laura	PJM Interconnection, LLC	None
Zhao	Ming	DXT Commodities North America	Other Supplier

#### OC Subcommittee/Task Force Informational Section

System Operations Subcommittee (SOS): <u>SOS Website</u> Data Management Subcommittee (DMS): <u>DMS Website</u> Distributed Resources Subcommittee (DISRS): <u>DISRS Website</u> Outage Coordination: <u>Outage Coordination Issue Tracker</u>

		Future Meeting Dates and Materials	Materials Due	Materials
Date	Time	Location	to Secretary	Published
May 2, 2024	9 a.m.	Webex Only	April 24, 2024	April 25, 2024
June 6, 2024	9 a.m.	PJM Conference & Training Center and webex	May 29, 2024	May 30, 2024
July 11, 2024	9 a.m.	PJM Conference & Training Center and webex	July 2, 2024	July 3, 2024
August 8, 2024	9 a.m.	PJM Conference & Training Center and webex	July 31, 2024	August 1, 2024
September 12, 2024	9 a.m.	PJM Conference & Training Center and webex	September 4, 2024	September 5, 2024
October 10, 2024	9 a.m.	PJM Conference & Training Center and webex	October 2, 2024	October 3, 2024
November 8, 2024	9 a.m.	PJM Conference & Training Center and webex	October 31, 2024	November 1, 2024
December 5, 2024	9 a.m.	PJM Conference & Training Center and webex	November 27, 2024	November 27, 2024



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#### 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 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. Expectations for participating in PJM activities are further detailed in the <u>PJM Code of Conduct</u>.

#### 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 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.

On the Phone, Dial		Linking Teleconference Connection to Webex 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.
Join a Meeting	2 Entor name (First and Last*) and corporate amail	

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

Provide feedback on the progress of this group: <u>*Facilitator Feedback Form*</u> Visit <u>*learn.pjm.com*</u>, an easy-to-understand resource about the power industry and PJM's role.