

Operating Committee

Webex/ PJM Conference & Training Center

December 5, 2024

9:00 a.m. – 12: 30 p.m. EPT

Administration (9:00-9:05)

1. Vy Le, 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 November 8, 2024 Operating Committee meeting.
 - b. Reviewed the 2024 OC work plan.
 - c. Reviewed 2025 OC work plan.

Endorsements (9:05 – 9:35)

2. Manual 14D: Generator Operational Requirements (9:05 – 9:20)
Madalin How, PJM, reviewed Manual 14D changes as a part of the periodic review.
The Operating Committee endorsed these changes at today's meeting with 0 abstentions and 0 objections.
3. Manual 01: Control Center and Data Exchange Requirements (9:20 – 9:35)
 - a. Ryan Nice, PJM, reviewed Manual 01 changes including those resulting from its periodic review and those conforming to the FERC Order addressing the Hybrids Phase II solution.
The Operating Committee endorsed these changes at today's meeting with 0 abstentions and 0 objections.
 - b. Ryan Nice, PJM, presented a Problem Statement, Issue Charge and proposed solution addressing requirements for electronic alternate data communication method and reliability guidelines to mitigate the unplanned loss of EMS Real Time Assessment (RTA) capabilities, and changes in M01: Control Center and Data Exchange Requirements.
The Operating Committee approved the Issue Charge and endorse the proposed solution and corresponding Manual changes as part of the Quick Fix process outlined in Section 8.6.1 of Manual 34 at today's meeting with 0 abstentions and 0 objections.

First Reads (9:35 – 10:50)

4. Manual 38: Operations Planning (9:35 – 9:50)
Liem Hoang, PJM, reviewed Manual 38 changes as a part of the periodic review. The Operating Committee will be asked to endorse these changes at its next meeting.

5. Manual 13: Emergency Operations (9:50 – 10:05)

Kevin Hatch, PJM, presented a Problem Statement, Issue Charge and proposed solution addressing a new PJM Wild Fire Procedure to allow for coordination with Transmission Owners prior to or during a wild fire event.

The Operating Committee will be asked to approve the Issue Charge and endorse the proposed solution and corresponding Manual changes as part of the Quick Fix process outlined in Section 8.6.1 of Manual 34 at its next meeting.

6. TO/TOP Matrix (10:05 – 10:20)

Gizella Mali, PJM, reviewed Rev. 19 of the TO/TOP Matrix as a part of the annual review.

The Operating Committee will be asked to recommend the TOA-AC approve the TO/TOP Matrix at its next meeting.

7. TO/TOP Matrix Subcommittee (TTMS) Charter (10:35 – 10:50)

Gizella Mali, PJM, reviewed Rev. 3 of the TO/TOP Matrix Subcommittee (TTMS) Charter as a part of the annual review.

The Operating Committee will be asked to recommend the TOA-AC approve the TTMS Charter at its next meeting.

8. DMS Sunset First Read & MUF Charter Review (10:20 – 10:35)

Jeff Schmitt, PJM, provided a first read of the DMS sunset proposal and a review of the MUF Charter.

The Operating Committee will be asked to approve of the DMS Sunset at its February meeting.

Review of Operations (10:50 – 11:20)

9. Review of Operating Metrics (10:50 – 11:10)

Marcus Smith, PJM, and David Kimmel, PJM, reviewed the November 2024 PJM operating metrics slides. Metrics which included PJM's load forecast error, BAAL performance, and transmission / generation outage statistics.

10. Security Update (11:10 – 11:20)

Jim Gluck, PJM, provided a security briefing.

Additional Items (10:50 – 12:30)

11. Renewable Education Session (11:20 – 11:40)

Joe Mulhern, PJM, and Michael Stewart, PJM, provided an education session on renewables.

12. Synchronous Reserve Update (11:40 – 11:50)

David Kimmel, PJM, provided a review of recent synchronous reserve performance.

13. Phase 2: Conforming Manual Updates for ER24-99 (11:50 – 12:00)
Skyler Marzewski, PJM, provided manual updates related to ER24-99.
14. Synchronized Reserve Deployment Enhancement Update (12:00 – 12:15)
Erkan Tuna, PJM, provided an update on the implementation of the reserve deployment enhancement for Synchronized Reserve Events
15. Day-Ahead Scheduling Reserve (DASR) (12:15 – 12:20)
David Kimmel, PJM, reviewed the changes to the 2025 Day Ahead Scheduling Reserve (DASR) requirement.
16. Fuel Inventory Request (12:20 – 12:30)
Eli Ramsay, PJM, reviewed the upcoming fuel and non-fuel consumable inventory data request for winter 2024/25.

Working Items

None

Informational Only Postings

17. System Operations Subcommittee (SOS) Update
Informational posting of the summary of the most recent SOS meeting.
18. DLR Updates
Informational posting of upcoming DLR changes.
19. Reliability Compliance Update
Informational posting of NERC, SERC, RF, and NAESB standards, and other pertinent regulatory and compliance information
20. Regulation Performance Update
Informational posting of PJM regulation market performance updates.
21. Primary Frequency Response Update
Informational posting of PJM primary frequency response performance updates.
22. Winter Storm Elliot Recommendations Progress Summary
Informational report summarizing PJM's progress on identified opportunities for improvement across PJM's Operations, Markets and Planning following Winter Storm Elliott.
23. Parameter Adjustment Requests
Informational posting of the parameter adjustment request process and deadline.

Attendance

In-Person Attendance

Last Name	First Name	Company	Sector
Patel (Facilitator)	Anita	PJM Interconnection, LLC	None
Lacek (Secretary)	Mollie	PJM Interconnection, LLC	None
Arkatin	Tyler	PJM Interconnection, LLC	None
Dajewski	Paul	PJM Interconnection, LLC	None
Gluck	Jim	PJM Interconnection, LLC	None
Greening	Michele	PJM Interconnection, LLC	None
Hoatson	Tom	LS Power	Generation Owner
Kimmel	David	PJM Interconnection, LLC	None
Kirk	Steven	NextEra	Generation Owner
Kogut	George	New York Power Authority	Other Supplier
Lai	Erin	PJM Interconnection, LLC	None
Mali	Gizella	PJM Interconnection, LLC	None
Mulhern	Joe	PJM Interconnection, LLC	None
Phillips	Darlene	PJM Interconnection, LLC	None
Pilong	Chris	PJM Interconnection, LLC	None
Ramsay	Eli	PJM Interconnection, LLC	None
Scarp	David	Calpine	Generation Owner
Scott	Nicole	PJM Interconnection, LLC	None
Smith	Marcus	PJM Interconnection, LLC	None
Souder	Dave	PJM Interconnection, LLC	None
Sweeney	Rory	NOVEC	
Zhang	Michael	PJM Interconnection, LLC	None

Webex Attendance			
Abate	Steve	Duquesne Light Company	Transmission Owner
Ament	Todd	Cube Hydro Partners, LLC	Generation Owner
Anders	David	PJM Interconnection, LLC	None
Anderson	Juliet	Constellation	Generation Owner
Arkatin	Tyler	PJM Interconnection, LLC	None
Bailey	Mike	Duquesne Light Company	Transmission Owner
Baizman	Aaron	PJM Interconnection, LLC	None
Baker	Jeff	Duke Energy Ohio, Inc.	Transmission Owner
Baker	Scott	PJM Interconnection, LLC	None
Barker	Jason	Vitol Inc.	Generation 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
Brodbeck	John	EDP Renewables North America LLC	Generation Owner
Brown	Rich	PJM Interconnection, LLC	None
Bryson	Michael	PJM Interconnection, LLC	None
Buonomo	Steven	PPL Electric Utilities Corp. dba PPL Utilities (LSE)	Transmission Owner
Campbell	Steve	PJM Interconnection, LLC	None
Cao	Roger	PJM Interconnection, LLC	None
Carder	Sutton	Merrill Lynch Commodities, Inc.	Other Supplier

Carmean	Gregory	Organization of PJM States, Inc.	
Carson	Donna	East Kentucky Power Cooperative, Inc.	Transmission Owner
Chen	Hong	PJM Interconnection, LLC	None
Chmielewski	Brian	PJM Interconnection, LLC	None
Christopher	Mahila	Public Utilities Commission of Ohio (The)	None
Ciabattoni	Joe	PJM Interconnection, LLC	None
Corash	Richard	PSEG Energy Resources and Trade LLC	Other Supplier
Croop	Danielle	PJM Interconnection, LLC	None
D'Antonio	Phil	PJM Interconnection, LLC	None
Dadourian	John	Monitoring Analytics	
Dalton	David	Virginia State Corporation Commission	
Daugherty	Danielle	ReliabilityFirst	
Davis	Jim	Dominion Energy Generation Marketing, Inc.	Generation Owner
DeGiusto	Vince	UGI Utilities, Inc.	Transmission Owner
DeLaMora	Luis	Strom Power, LLC	Other Supplier
Derin	Bilge	PJM Interconnection, LLC	None
DiMartino	Denise	PJM Interconnection, LLC	None
Domian	Christin	Duquesne Light Company	Transmission Owner
Downs	Jere	PJM Connect	

Dugan	Chuck	East Kentucky Power Cooperative, Inc.	Transmission Owner
Evergam	Scott	Blue Horse Shore Energy, LLC.	None
Fan	Zhenyu	PJM Interconnection, LLC	None
Filomena	Guy	Customized Energy Solutions	None
Fink	Sari	MAREC Action	None
Fitzgerald	John	Tennessee Valley Authority (The)	Other Supplier
Fitzpatrick	Brian	PJM Interconnection, LLC	None
Foladare	Kenneth	Geenex Solar LLC	Other Supplier
Forcum, David			
Ford	Adrien	Constellation Energy Generation, LLC.	Generation Owner
Foster,	Tom	PJM Interconnection, LLC	None
Frede	Shannon	Maryland Energy Administration	
Frogg	Darrell	PJM Interconnection, LLC	None
Gagen	Roderick	Dominion Virginia Power	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
Guignet	Doug	PJM Interconnection, LLC	None

Guntle	Vince	American PowerNet Management, L.P.	End-Use Customer
Handlin	Mike	PJM Interconnection, LLC	None
Hastings	David	Long Island Lighting Company dba LIPA	Other Supplier
Hauske	David	PJM Interconnection, LLC	None
Heinle	Erik	Dynegy Marketing and Trade, LLC	Generation Owner
Herel	Suzanne	PJM Interconnection, LLC	None
Hislop	David	PJM Interconnection, LLC	None
Hites			
Hoatson	Thomas	West Deptford Energy, LLC	Generation Owner
Hohenshilt	Jennifer	Talen Energy Marketing, LLC	Generation Owner
Horning	Lynn	American Municipal Power, Inc.	Electric Distributor
Horstmann	John	Dayton Power & Light Company (The)	Transmission Owner
Hurd	Shawn	Monongahela Power Company d/b/a Allegheny Power	Transmission Owner
Hyatt	Earl	Monitoring Analytics, LLC	None
Hyzinski	Tom	GT Power Group	None
Iler	Art	Indiana Office of Utility Consumer Counselor	
Jani	Alpa	PJM Interconnection, LLC	None
Janicki	Diane	Boston Energy Trading & Marketing, LLC	Other Supplier
Jardot	Gina	NRG Curtailment Solutions, Inc.	Other Supplier

Jarugula	Deepthi	PJM Interconnection, LLC	None
Johnson	Carl	PJM Public Power Coalition	
Johnston	David		
Kelly	Ross	PJM Interconnection, LLC	None
Kelly	Stephen	Brookfield Renewable Trading and Marketing LP (BSMH)	Other Supplier
Kent	Janessa	Duquesne Light Company	Transmission Owner
Kosner	Bob	Illinois Municipal Electric Agency	Electric Distributor
Lacek	Mollie	PJM Interconnection, LLC	None
Lake	David	American Transmission Systems, Inc.	Transmission Owner
Le	Vy	PJM Interconnection, LLC	None
Leith-Yessian	Devin	RTO Insider	Other
Lescano	Amanda	Appalachian Power Company (AEP Transmission)	Transmission Owner
Litzke	Jack	PJM Interconnection, LLC	None
Mabry	David	McNees Wallace & Nurick LLC	None
Martinez	Zandy	Rockland Electric Company	Transmission Owner
Mason	Gary	FirstEnergy Solutions Corp.	Transmission Owner
Matticola	Michelle	PJM Interconnection, LLC	None
Matuszak	Alex	UGI Energy Services, LLC	Other Supplier
McClelland	Maura		
McCorry	Hannah	Illinois Commerce Commission	

McElwaine	Kathy	Public Utilities Commission of Ohio	
Monteria	Christy		
Moscovitz	Daniel	PJM Interconnection, LLC	None
Muhl	Nancy	PJM Interconnection, LLC	None
Nice	Ryan	PJM Interconnection, LLC	None
Norton	Chris	American Municipal Power, Inc.	Electric Distributor
Oakes	Brian	PJM Interconnection, LLC	None
Olaleye	Michael	PJM Interconnection, LLC	None
Oleary	Chris	PSEG Energy Resources and Trade LLC	Other Supplier
Ondayko	Brock	AEP Energy Partners, Inc. (AEP Gen Resources)	Transmission Owner
Osborn	Eric	DF Trading North America, LLC	Other Supplier
Pakela	Gregory	DTE Energy Trading, Inc.	Other Supplier
Panchal	Hitesh	PJM Interconnection, LLC	None
Patel	Anita	PJM Interconnection, LLC	None
Patel	Keyur	PJM Interconnection, LLC	None
Peebles	Andy	Saracen Energy East LP	Other Supplier
Poulos	Greg	Consumer Advocates of PJM States	
Price	Mark	DC Energy Mid-Atlantic, LLC	Other Supplier
Rainey	John	Northern Virginia Electric Cooperative (NOVEC)	Electric Distributor
Rasmussen	Jay	Duke Energy Business Services LLC	Transmission Owner

Reffner	Brent	PJM Interconnection, LLC	None
Rogers	Aaron	East Kentucky Power Cooperative, Inc.	Transmission Owner
Rutledge	Craig	AEP Appalachian Transmission Company, Inc.	Transmission Owner
Sasser	Jonathan	Customized Energy Solutions, Ltd.	
Schmitt	Jeff	PJM Interconnection, LLC	None
Scott	Nicole	PJM Interconnection, LLC	None
Shaffer	Chris	AEP Appalachian Transmission Company, Inc	Transmission Owner
Shaughnessy	Mike	Duquesne Light Company	Transmission Owner
Smoker	Tim	PJM Interconnection, LLC	None
Sorrels	Jim	AEP Appalachian Transmission Company, Inc.	Transmission Owner
Sotkiewicz	Paul	E-Cubed Policy Associates	
Stadelmeyer	Rebecca	PJM Interconnection, LLC	None
Stanisz	Mark	PJM Interconnection, LLC	None
Stern	Alex	Exelon Business Services Company, LLC	Transmission Owner
Stone	Andy	PJM Interconnection, LLC	None
Strella Wahba	Lauren	PJM Interconnection, LLC	None
Sturgeon	John	Duke Energy Business Services LLC	Transmission Owner
Svenson	Heather	Public Service Electric and Gas Company	Transmission Owner

Sweeney	Rory	Northern Virginia Electric Cooperative	Other Supplier
Taylor	Daniel	PJM Interconnection, LLC	None
Terranova	Chris	PJM Interconnection, LLC	None
Ushijima	Hiroaki	Jpower USA	None
Vanblargan,	Bryna	Sabinsville SunPower, LLC	
Vanderlaan	Bill	Illinois Commerce Commission	None
Waweru	James	PJM Interconnection, LLC	None
Wehnes	Kathleen		
Whitehead	Jeff	GT Power Group	
Wolff	John	PJM Interconnection, LLC	None
Yeager	Jeff	PJM Interconnection, LLC	None
Yovanovich	Laura	PJM Interconnection, LLC	None
Zamojcin	Ann	PJM Interconnection, LLC	None
Zhou	Ming	DXT Commodities North America	Other Supplier

OC Subcommittee/Task Force Informational Section

System Operations Subcommittee (SOS): [SOS Website](#)

Data Management Subcommittee (DMS): [DMS Website](#)

Distributed Resources Subcommittee (DISRS): [DISRS Website](#)

Future Meeting Dates and Materials			Materials Due to Secretary 	Materials Published
Date	Time	Location		
January 09, 2024	9 a.m.	PJM Conference & Training Center and webex	December 30, 2023	January 2, 2024
February 06, 2024	9 a.m.	PJM Conference & Training Center and webex	January 27, 2024	January 30, 2024
March 06, 2024	9 a.m.	PJM Conference & Training Center and webex	February 24, 2024	February 29, 2024



Draft Meeting Minutes

April 03, 2024	9 a.m.	PJM Conference & Training Center and webex	March 24, 2024	March 27, 2024
May 08, 2024	9 a.m.	PJM Conference & Training Center and webex	April 28, 2024	May 1, 2024
June 05, 2024	9 a.m.	PJM Conference & Training Center and webex	May 23, 2024	May 29, 2024
July 10, 2024	9 a.m.	PJM Conference & Training Center and webex	June 30, 2024	July 3, 2024
August 07, 2024	9 a.m.	PJM Conference & Training Center and webex	July 28, 2024	July 31, 2024
September 11, 2024	9 a.m.	PJM Conference & Training Center and webex	August 29, 2024	September 4, 2024
October 10, 2024	9 a.m.	PJM Conference & Training Center and webex	September 30, 2024	October 3, 2024
November 06, 2024	9 a.m.	PJM Conference & Training Center and webex	October 27, 2024	October 30, 2024
December 04, 2024	9 a.m.	PJM Conference & Training Center and webex	November 21, 2024	November 26, 2024

Author: V. Le

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 [PJM Code of Conduct](#).

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Draft Meeting Minutes

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to Mute/Unmute

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