



As of July 17, 2025

Operating Committee
PJM Conference and Training Center
July 10, 2025
9:00 a.m. – 11:15 a.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 June 3, 2025 Operating Committee meeting.

Approvals (9:05 - 9:15)

System Operations Sub-Committee (SOS) Charter (9:05 – 9:15)
 Matthew Wharton, PJM, reviewed the SOS Charter as part of the annual review.

 The Operating Committee approved these changes at today's meeting with 0 objections and 0 abstentions.

First Reads (9:15 - 9:45)

- 3. Manual 12: Balancing Operations (9:15 9:25)
 - Ilyana Dropkin, PJM, and Damon Fereshetian, PJM, reviewed changes associated with the Regulation Market Design Phase 1: Manual 12, Rev 56 and reviewed the Regulation Market Design changes. The Operating Committee will be asked to endorse these changes at its next meeting.
- 4. Manual 14D: Generator Operational Requirements (9:25 9:35)
 - Mike Herman, PJM, reviewed changes to PJM's Manual 14D including the revised deactivation process approved by the DESTF phase.
 - The Operating Committee will be asked to endorse these changes at its next meeting.
- 5. Manual 13: Emergency Operations (9:35 9:45)
 - Logan Fetterhoff, PJM, reviewed Manual 13 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 (9:45 – 10:15)

- 6. Review of Operating Metrics (9:45 10:05)
 - Marcus Smith, PJM, and David Kimmel, PJM, reviewed the June 2025 PJM operating metrics slides. Metrics included PJM's load forecast error, BAAL performance, and transmission / generation outage statistics.
- 7. <u>Security Update (10:05 10:15)</u> Jim Gluck, PJM, provided a security briefing.





Additional Items (10:15 - 11:15)

- 8. Reliability Compliance Update (10:15 10:25)
 Gizella Mali, PJM, provided 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.
- 9. <u>FERC Order 881 Progress Update (10:25 10:35)</u>
 Dave Hislop, PJM, provided an update on PJM's progress towards compliance with FERC Order 881.
- Hot Weather Update (10:35 10:55)
 PJM Operations staff provided an update on recent hot weather events.
- 11. <u>Black Start Reliability Backstop Process Initiation (10:55 11:15)</u>
 Ray Lee, PJM, announced the start of PJM's Black Start Reliability Backstop Process.

Working Items

None

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	
Anderson	Juliet	Constellation Energy Generation, LLC		
Barrett	Emily	PJM Interconnection, LLC	None	
Benitez	Rick			
Ciabattoni	Joseph	PJM Interconnection, LLC	None	
Chmielewski	Brian	PJM Interconnection, LLC	None	
Dajewski	Paul	PJM Interconnection, LLC	None	
Downs	Jere	PJM Interconnection, LLC	None	
Dropkin	Ilyana	PJM Interconnection, LLC	None	
Fereshetian	Damon	PJM Interconnection, LLC	None	
Fetterhoff	Logan	PJM Interconnection, LLC	None	
Ghosh	Abhisheck	Constellation Energy Generation, LLC	Generation Owner	
Gluck	Jim	PJM Interconnection, LLC	None	
Greening	Michele	PJM Interconnection, LLC	None	
Hatch	Kevin	PJM Interconnection, LLC	None	
Heinle	Frederick	Vistra	Generation Owner	
Herman	Michael	PJM Interconnection, LLC	None	
Hoatson	Thomas	LS Power	Generation Owner	
Hooker	Marquette	Dominion		
Kimmel	David	PJM Interconnection, LLC	None	
Kogut	George	NYPA		
Lacek	Mollie	PJM Interconnection, LLC	None	



Mali	Gizella	PJM Interconnection, LLC	None	
Mason	Gary	First Energy		
Mulhern	Joe	PJM Interconnection, LLC	None	
Mroz	David	PJM Interconnection, LLC	None	
Philips	Darlene	PJM Interconnection, LLC	None	
Poulos	Greg	Consumer Advocates of the PJM States, Inc.		
Schwarz	Steph	PJM Interconnection, LLC	None	
Smith	Marcus	PJM Interconnection, LLC	None	
Souder	Dave	PJM Interconnection, LLC	None	
Stern	Alex	Exelon	Generation Owner	
Svenson	Heather	PSEG	Transmission Owner	
Wharton	Matt	PJM Interconnection, LLC	None	
Zhang	Michael	PJM Interconnection, LLC	None	
	1	Webex Attendance		
Last Name	First Name	Company	Sector	
Abate	Steve	DLC	none	
Abdur-Rahman	Muhsin	Citigroup Energy, Inc.	Generation Owner	
Ament	Todd	Cube Hydro Partners, LLC	Generation Owner	
Anderson	Jared	Constellation Energy Generation, LLC	Generation 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	
Barnett	Paul	LS Power	Generation Owner	
Beitinger	Jeff	PJM Interconnection, LLC	None	
Belenky	Maria	PJM Interconnection, LLC	None	
Benitez	Rick	Other		
Benner	William	PJM Interconnection, LLC	None	
Bennett	Daniel	PJM Interconnection, LLC	None	
Bennett	Stephen	PJM Interconnection, LLC	None	
Bernstein	Matthew	PJM Interconnection, LLC	None	
Bleiweis	Bruce	Elliott Bay Energy Trading, LLC	Other Supplier	
Boehnlein	Andrew	Virginia State Corporation Commission		
Boyle	Glen	PJM Interconnection, LLC	None	
Bradley	Deonisia	PJM Interconnection, LLC	None	
Bradley	Heisey			
Braunstein	Daniel	Duquesne Light Company	Transmission Owner	
Breeding	Michael	PJM Interconnection, LLC	None	
Breidenbaugh	Aaron	Enerwise Global Technologies, LLC	Other Supplier	
Brodbeck	John	EDP Renewables North America LLC	Generation Owner	
Bryson	Michael	PJM Interconnection, LLC	None	
Buonomo	Steven	PPL Electric Utilities Corp. dba PPL Utilities (LSE)	Transmission Owner	



Byrd	Mark	Other		
Cao	Roger	PJM Interconnection, LLC	None	
Carmean	Gregory	Organization of PJM States, Inc.		
Carson	Donna	East Kentucky Power Cooperative, Inc.	Transmission Owner	
Case	Dana	PJM Interconnection, LLC	None	
Chang	Sean	Shell Energy North America (US), L.P.	Other Supplier	
Chen	Hong	PJM Interconnection, LLC	None	
Chen	Huayu	PJM Interconnection		
Chintapalli	Raj			
Christine	Ericson			
Chu	George	PJM Interconnection, LLC	None	
Clemans	Steve			
Cocco	Michael	Old Dominion Electric Cooperative	Electric Distributor	
Connolly	Matt	PJM Interconnection, LLC	None	
Corder	Nick	·		
Coyle	Billy	Virginia Electric & Power Company	Transmission Owner	
D'Antonio	Phil	PJM Interconnection, LLC	None	
Daugherty	Danielle	Other		
Davis	Becky	PJM Interconnection, LLC	None	
Davis	Jim	PJM Interconnection		
Detweiler	Katie	Federal Energy Regulatory Commission		
DiMartino	Denise	PJM Interconnection, LLC	None	
Domian	Christin	Duquesne Light Company	Transmission Owner	
Donohue	Erin	Enel X North America, Inc.	Other Supplier	
Duklewski	Laura			
Dumitriu	Nick	PJM Interconnection, LLC	None	
Ellis	Jordan	AEP Appalachian Transmission Company, Inc.	Transmission Owner	
Fan	Zhenyu	PJM Interconnection, LLC	None	
Farnsworth	Barney	Wellsboro Electric Company		
Fee	George	Appalachian Power Company (AEP Generation)	Transmission Owner	
Fereshetian	Damon	PJM Interconnection, LLC	None	
Filomena	Guy	Customized Energy Solutions	None	
Fink	Sari	MAREC Action		
Fitzgerald	John	Tennessee Valley Authority (The)	Other Supplier	
Fitzpatrick	Brian	PJM Interconnection, LLC	None	
Foladare	Kenneth	Geenex Solar LLC	Other Supplier	
Forcum	David	Duke Energy Ohio, Inc.	Transmission Owner	
Ford	Adrien	Constellation Energy Generation, LLC	Generation Owner	
Forrest	Steve	PJM Interconnection		
Foster	Denise			
Francis	Andre	Southern Maryland Electric Cooperative, Inc.	Electric Distributor	
Frogg	Darrell	PJM Interconnection, LLC	None	



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Gates	Terry	Appalachian Power Company (AEP	Transmission Owner	
	1:11	Generation)	NI	
Gates	Jill	PJM Interconnection, LLC	None Other Supplier	
Gilani	Rehan	RWE Clean Energy Wholesale Services, Inc.	Other Supplier	
Gonzalez	Adrian	PJM Interconnection, LLC	None	
Gorman	Brad	American Transmission Systems, Inc.	Transmission Owner	
Grau	Patrick			
Grey	Bruce			
Guignet	Doug	PJM Interconnection, LLC	None	
Handlin	Mike	PJM Interconnection, LLC	None	
Hauske	David	PJM Interconnection, LLC	None	
Hehir	Flannan	Appian Way Energy Partners MidAtlantic, LLC	Other Supplier	
Helms	Joe	Tyr Energy		
Hislop	David	PJM Interconnection, LLC	None	
Hohenshilt	Jennifer	Talen Energy Marketing, LLC	Generation Owner	
Horning	Lynn	AMP		
Hortsmann	John	AES Ohio		
Hsia	Eric	PJM Interconnection, LLC	None	
Hughes	Brennan	r sivi interconnection, EEC	- Trone	
Hull	Gerit	American Municipal Power, Inc.	Electric Distributor	
Hunter	Scott	Other		
Hurd	Shawn	Monongahela Power Company	Transmission Owner	
Hurwich	Mark	Elliott Bay Energy Trading, LLC	Other Supplier	
Hyzinski	Tom	GT Power Group	None	
Jardot	Gina	NRG Curtailment Solutions, Inc.	Other Supplier	
Jarugula	Deepthi	PJM Interconnection, LLC	None	
Johnson	Amanda	Duquesne Light Company	Transmission Owner	
Johnson	Carl	PJM Public Power Coalition	Transmission owner	
Johnston	David	Other		
Kelly	Mike	Brookfield Renewable Trading and	Other Supplier	
i keny	- VIIICE	Marketing LP	оттег заррнег	
Keshavamurthy	Bhavana	PJM Interconnection, LLC	None	
Kilgallen	Kevin	Avangrid	INOTIC	
Kirk	Steven	NextEra Energy Marketing, LLC		
Klingensmith	Laurel	American Transmission Systems, Inc.	Transmission Owner	
Lacek	Mollie	PJM Interconnection, LLC	None	
Lake	David	American Transmission Systems, Inc.	Transmission Owner	
Langbein	Pete	PJM Interconnection, LLC	None	
Lee	Ray	PJM Interconnection, LLC		
Lee	Suin	PJM Interconnection, LLC	None	
Leith-Yessian	Devin	RTO Insider	None Other	
Lescano	Amanda	Other	Juliei	
	<u> </u>	Otilei	+	
Lin	Chuanzhe			



Lovan	Kellie	Kentucky Public Service Commission		
Lu	Yue	Appalachian Power Company	Transmission Owner	
Luzar	Elizabeth			
Mabry	David	McNees Wallace & Nurick LLC	None	
Martin	Kyle	PJM Interconnection, LLC	None	
Martinez	Zandy	Rockland Electric Company	Transmission Owner	
Mason	Gary	FirstEnergy Solutions Corp.	Transmission Owner	
Massarelli	Eva	Dominion Virginia Power		
Matticola	Michele	PJM Interconnection, LLC	None	
McAnany	James	PJM Interconnection, LLC	None	
McCorry	Hannah	Other		
McElwaine	Kathy	PJM Interconnection		
McNeil	Justin	Kentucky Public Service Commission		
Melkonich	Hannah	PJM Interconnection, LLC	None	
Mendez	Victor			
Mihaly	Imola			
Miller	John	PJM Interconnection		
Molly	Suda			
Monachello	Tara			
Morris	Jasmine	Southern Maryland Electric Cooperative, Inc.	Electric Distributor	
Moscovitz	Daniel	PJM Interconnection, LLC	None	
Newton	Jacob	Old Dominion Electric Cooperative	Electric Distributor	
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 Suppler	
Olinger	Robert	Keystone-Conemaugh Projects, LLC		
		(Conemaugh)		
Ondayko	Brock	AEP Energy Partners, Inc. (AEP Gen	Transmission Owner	
•		Resources)		
O'Neill	Jack	PJM Interconnection, LLC	None	
Osborn	Eric	DF Trading North America, LLC	Other Supplier	
Pacella	Christopher	PJM Interconnection, LLC	None	
Pakela	Gregory	DTE Energy Trading, Inc.	Other Supplier	
Parker	Matt	Virginia Electric & Power Company	Transmission Owner	
Patel	Keyur	PJM Interconnection, LLC	None	
Peebles	Andy	Saracen Energy East LP	Other Supplier	
Perkins	Jake	37	11	
Phenix	Michael	Red Oak Power, LLC	Generation Owner	
Pierpont	Dan	· ·	Concration Owner	
Pilong	Chris	PJM Interconnection, LLC	None	
Pilong	Melissa	PJM Interconnection, LLC	None	
Price	Mark	DC Energy Mid-Atlantic, LLC	Other Supplier	
Ramsay	Eli	PJM Interconnection, LLC	None	



Rasmussen	Jay	Duke Energy Business Services LLC	Transmission Owner	
Rushing	Joe	PJM Interconnection		
Rutigliano	Tom	NRDC		
Rutledge	Craig	Appalachian Power Company	Transmission Owner	
Samuel	Allison	Virginia State Corporation Commission		
Sasser	Jonathan	Customized Energy Solutions, Ltd.		
Savage	Elizabeth	AES		
Sawarynski	Bryan	PJM Interconnection, LLC	None	
Scheidecker	Paul	Market Monitoring Unit		
Scheirer	Alex	Gabel Associates		
Schreim	Morris	Other		
Schuyler	Ken	PJM Interconnection, LLC	None	
Sener	Can	Altrock LLC	Other Supplier	
Shah	Vijay	PJM Interconnection, LLC	None	
Shields	Jeff	PJM Interconnection, LLC	None	
Siracuse	Colin			
Sloan	Ben	Other		
Smater	Sebastian	Strom Power LLC		
Smoker	Tim	PJM Interconnection, LLC	None	
Sokol	Kara	DLC		
Souder	Rich	PJM Interconnection, LLC	None	
Sprinkle	Dan	Louisville Gas and Electric	Transmission Owner	
'		Company/Kentucky Utilities Company		
Stanisz	Mark	PJM Interconnection, LLC	None	
Starling	Brian	Virginia Electric & Power Company	Transmission Owner	
Steichen	Renae	Bath County Energy, LLC	Generation Owner	
Stewart	Michael	PJM Interconnection, LLC	None	
Stockton	Mike	Tait Electric Generating Station, LLC	Generation Owner	
Stone	Andy	PJM Interconnection	Series du distribution	
Strella Waba	Lauren	PJM Interconnection, LLC	None	
Sturgeon	John	Duke Energy Business Services LLC	Transmission Owner	
Sunderman	Derek	Savion, LLC	None	
Swalwell	Brad	Tangent Energy Solutions, Inc.	Other Supplier	
Sweeney	Rory	Northern Virginia Electric Cooperative	Other Supplier	
Taylor	Daniel	PJM Interconnection, LLC	None	
Thieman	Mark	,		
Thomas	Glen	Exelon Business Services Company, LLC	Transmission Owner	
Tierney-Lloyd	Mona	Enel		
Tse	Felix	TarHawk Energy, LP	Other Supplier	
Tutino	Joseph	PJM Interconnection, LLC	None	
Vanderlaan	Bill	Other		
Ventimiglia	Jennifer			
Warchol	Jerry			
Wells	Christopher	PJM Interconnection, LLC	None	
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Whitehead	Jeff	GT Power Group	
Widom	Stuart	PJM Interconnection, LLC	None
Will	lan	Enel X North America, Inc.	Other Supplier
Wilson	James	Other	
Wingfield	Derek	East Kentucky Power Cooperative, Inc.	Transmission Owner
Wittenauer	Steve	PJM Interconnection, LLC	None
Wolff	John	PJM Interconnection, LLC	None
Woodall	Andrew	PJM Interconnection, LLC	None
Yeager	Jeff	PJM Interconnection, LLC	None
Yovanovich	Laura	PJM Interconnection, LLC	None
Yu	Hanjiang	Calpine Energy Services, L.P.	Generation Owner
Yu	Wang	Calpine Energy Services, L.P.	Generation Owner
Zemanek	Kevin		
Zhou	Ming	DXT Commodities North America	Other Supplier

Informational Only Postings

12. DLR Updates

Informational posting of upcoming DLR changes.

- 13. <u>System Operations Subcommittee (SOS) Update</u> Informational posting of the summary of the most recent SOS meeting.
- 14. <u>NERC Lessons Learned</u> Informational posting of a review of the latest posted NERC Lessons Learned reports

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): DISRS Website

Future Meeting Dates and Materials			Materials Due	Materials	
			to Secretary	Published	
Date	Time	Location	5:00 p.m. EPT deadline*		
August 07, 2025	9 a.m.	PJM Conference & Training Center and webex	July 28, 2025	July 31, 2025	
September 11, 2025	9 a.m.	PJM Conference & Training Center and webex	August 29, 2025	September 4, 2025	
October 10, 2025	9 a.m.	PJM Conference & Training Center and webex	September 30, 2025	October 3, 2025	
November 06, 2025	9 a.m.	PJM Conference & Training Center and webex	October 27, 2025	October 30, 2025	
December 04, 2025	9 a.m.	PJM Conference & Training Center and webex	November 21, 2025	November 26, 2025	

*Materials received after 12:00 p.m. EPT are not guaranteed timely posting by 5:00 p.m. EPT on the same day.





Author: D. Mroz

Antitrust:

It is PJM's policy to comply with applicable antitrust laws. Participants must not disclose or exchange non-public, competitively sensitive information about their individual business strategies. Prohibited topics include, but are not limited to:

- Non-public individual pricing strategies, bidding strategies, or offer practices
- Non-public forecasts of prices, costs, output, or market behavior
- Non-public information about the availability, output or production costs of specific resources or services
- Confidential terms or conditions of sale, service, or trading strategies
- Planned or potential allocation of specific customers, suppliers, or markets among competitors
- Agreements or understandings between or among competitors to limit supply, coordinate bidding, fix prices, divide markets, or refuse to deal with particular entities
- Any other communication that could unreasonably restrain competition or coordinate competitive behavior among market participants

Discussion of PJM-administered market rules, tariff provisions, system operations, and public market outcomes is appropriate, provided individual confidential business information is not shared. These permitted discussions may include advocacy positions, including those reflecting state regulatory responsibilities or consistent with the obligations and interests of state-regulated entities. These discussions occur in a context where resulting rule changes may be submitted to FERC for approval, or may reflect regulatory mandates established by state authorities.

If prohibited topics are raised, the Chair will redirect the conversation. If the discussion continues, participants may be asked to leave the meeting or the meeting may be adjourned. For more information, please refer to PJM"s Antitrust Guidelines for Stakeholder Meetings, which are posted on PJM's Committees and Groups page.

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.

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.

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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 dialogue shall be shared orally by entering the speaker queue.

On the Phone, Dial



to Mute/Unmute

Linking Teleconference Connection to Webex

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Join a Meeting

- 1. Join meeting in the Webex desktop client
- 2. Enter name (First and Last*) 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.

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.