

**Operating Committee**  
**Webex/ PJM Conference & Training Center**  
**December 07, 2023**  
**9:00 a.m. – 11:30 a.m. EPT**

## Administration (9:00-9:20)

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 November 2, 2023 OC meeting.
  - b. Reviewed the 2023 OC work plan.
  - c. Reviewed the 2024 OC work plan.

## Review of Operations (9:20 – 9:55)

2. Review of Operating Metrics (9:20 – 9:50)  
Stephanie Schwarz, PJM, reviewed the September 2023 PJM operating metrics slides. Metrics included PJM's load forecast error, BAAL performance, and transmission / generation outage statistics.
3. Security Update (9:50 – 9:55)  
Steve McElwee, PJM, provided a security briefing.

## Additional Items (9:55 – 11:35)

4. Reliability Compliance Update (9:55 – 10:05)  
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.
5. Primary Frequency Response Update (10:05 – 10:15)  
Ross Kelly, PJM, provided an update on PJM primary frequency response performance.
6. Regulation Performance Update (10:15 – 10:25)  
Ilyana Dropkin, PJM, provided an update on PJM regulation market performance.
7. Synchronous Reserve Update (10:25 – 10:35)  
Dave Kimmel, PJM, provided a review of recent synchronous reserve performance.
8. Parameter Adjustment Requests (10:35 – 10:45)  
Lauren Strella Wahba, PJM, reviewed details for the parameter adjustment request process and deadline.
9. eDART to SSO Account Migration (10:45 – 10:55)  
Chidi Ofoegbu, PJM, provided a status update on the migration of eDART accounts to Single Sign On accounts in Account Manager.

10. FERC/NERC Winter Storm Elliot Report and NERC Winter Readiness Assessment (10:55 – 11:25)  
Mark Stanisz, PJM, will review the 2023-2024 Winter Reliability Assessment and the FERC/NERC Joint Inquiry Report into Winter Storm Elliot.
11. System Operations Subcommittee (SOS) Update (11:25 – 11:35)  
Donnie Bielak, PJM, reviewed a summary of the most recent SOS meeting.

## Working Items

None

## Informational Only Postings

12. SOS Charter Annual Review  
Informational posting of the 2024 SOS Charter.
13. NERC Lessons Learned  
Informational posting of a review of the latest posted NERC Lessons Learned reports.

## Attendance

In-Person Attendance			
Last Name	First Name	Company	Sector
Patel (Facilitator)	Anita	PJM Interconnection, LLC	None
Le (Secretary)	Vy	PJM Interconnection, LLC	None
Anderson	Juliet	Constellation	Generation Owner
Arkatin	Tyler	PJM Interconnection, LLC	None
Benner	Scott	PJM Interconnection, LLC	None
Bennett	Dan	PJM Interconnection, LLC	None
Bielak	Donnie	PJM Interconnection, LLC	None
Boyle	Glen	PJM Interconnection, LLC	None
Brodbeck	John	EDP Renewables North America LLC	Generation Owner
Bryson	Mike	PJM Interconnection, LLC	None

Connolly	Matthew	PJM Interconnection, LLC	None
Davis	Elizabeth	PJM Interconnection, LLC	None
Downs	Jere	PJM Interconnection, LLC	None
Dropkin	Ilyana	PJM Interconnection, LLC	None
Fitzpatrick	Brian	PJM Interconnection, LLC	None
Ford	Adrian	Constellation	Generation Owner
Fultz	McClain	PPL Electric Utilities Corp. dba PPL Utilities (LSE)	Transmission Owner
Greening	Michele	PJM Interconnection, LLC	None
Hatch	Kevin	PJM Interconnection, LLC	None
Heinle	Frederick	Dynergy Marketing and Trade, LLC	Generation Owner
Horning	Lynn Marie	American Municipal Power, Inc.	Electric Distributor
Kimmel	David	PJM Interconnection, LLC	None
Kirk	Steven	NextEra Energy Marketing, LLC	Other Supplier
Kogut	George	New York Power Authority	Other Supplier
Lai	Erin	PJM Interconnection, LLC	None
Lee	Aristotle	Grays Ferry Cogeneration Partnership	Generation Owner
McElwee	Steve	PJM Interconnection, LLC	None
Moscovitz	Daniel	PJM Interconnection, LLC	None
O'Leary	Christopher	PSEG Energy Resources and Trade LLC	Other Supplier
Pilong	Christopher	PJM Interconnection, LLC	None
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
Stanisz	Mark	PJM Interconnection, LLC	None
Stewart	Michael	PJM Interconnection, LLC	None
Strella Wahba	Lauren	PJM Interconnection, LLC	None
Sweeney	Rory	Northern Virginia Electric Cooperative (NOVEC)	Electric Distributor
Zhang	Michael	PJM Interconnection, LLC	None
<b>Webex Attendance</b>			
Anderson	Juliet	Constellation Energy Generation, LLC	Generation Owner
Baker	Jeff	Duke Energy Business Services, LLC	Transmission Owner
Barker	Jason	Vitol, Inc.	Generation Owner
Bleiweis	Bruce	DC Energy, LLC	Other Supplier
Bonner	Kevin	PJM Interconnection, 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 (TO)	Transmission Owner

Carmean	Gergory	Organization of PJM States, Inc.	
Carroll	Rebecca	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
Ciabattoni	Joe	PJM Interconnection, LLC	None
Cocco	Michael	Old Dominion Electric Cooperative	Transmission Owner
Corash	Richard	PSEG Energy Resources and Trade LLC	Other Supplier
Croop	Danielle	PJM Interconnection, LLC	None
D'Antonio	Phil	PJM Interconnection, LLC	None
Dajewski	Paul	PJM Interconnection, LLC	None
Daugherty	Danielle	Reliability First	None
Daugherty-Bell	Derrick	BW Solar	Generation Owner
Davis	James (Jim)	Dominion Energy Generation Marketing, Inc.	Generation Owner
DeGiusto	Vince	UGI Utilities, Inc.	Transmission Owner
De La Mora	Luis	Strom Power, LLC	Other Supplier
DeSalvo	Vince	Commonwealth Edison Company	Transmission Owner
Dettrey	Mark	PJM Interconnection, LLC	None
DiDonato	Anthony	PJM Interconnection, LLC	None
DiMartino	Denise	PJM Interconnection, LLC	None

Domian	Christin	Duquesne Light Company	Transmission Owner
Douglass	Robert	Constellation	Generation Owner
Downs	Jere	PJM Interconnection, LLC	None
Dropkin	Ilyana	PJM Interconnection, LLC	None
Dugan	Chuck	East Kentucky Power Cooperative, Inc.	Transmission Owner
Dumitriu	Nick	PJM Interconnection, LLC	None
Esquivel	Manuiel	Enel Trading North America	Pother Supplier
Fan	Zhenyu	PJM Interconnection, LLC	None
Fereshetian	Damon	PJM Interconnection, LLC	None
Filomena	Guy	Customized Energy Solutions	None
Fink	Sari	MAREC Action	
Foladare	Kenneth (Ken)	Geenex Solar LLC	Other Supplier
Ford	Adrien	Constellation Energy Generation, LLC	Generation Owner
Forrest	Steve	PJM Interconnection, LLC	None
Foster	Tom	PJM Interconnection, LLC	None
Fultz	McClain	PPL Electric Utilities Corporation	Transmission Owner
Gates	Terry	Appalachian Power Company (AEP Generation)	Transmission Owner
Giacomoni	Anthony	PJM Interconnection, LLC	None
Gilani	Rehan	RWE Clean Energy	Other Supplier
Gluck	Jim	PJM Interconnection, LLC	None
Greening	Michele	PJM Interconnection, LLC	None

Handling	Mike	PJM Interconnection, LLC	None
Hartman	Frank	PJM Interconnection, LLC	None
Hastings	David	Long Island Lighting Company dba LIPA	Other Supplier
Hauske	David	PJM Interconnection, LLC	None
Hauske	Tom	PJM Interconnection, LLC	None
Hislop	David	PJM Interconnection, LLC	None
Heisey	Brad	Tenaska	Generation Owner
Hoatson	Thomas	West Deptford Energy, LLC	Generation Owner
Hohenshilt	Jennifer	Talen Energy Marketing, LLC	Generation Owner
Horger	Tim	PJM Interconnection, LLC	None
Horning	Lynn Marie	American Municipal Power, LLC	Electric Distributor
Horstmann	John	Dayton Light & Power Company	Transmission Owner
How	Madalin	PJM Interconnection, LLC	None
Hu	Yong	PJM Interconnection, LLC	None
Hurd	Shawn	Monongahela Power Company d/b/a Allegheny Power	Transmission Owner
Hyatt	Earl	Monitoring Analytics, LLC	None
Hyzinski	Tom	GT Power Group	None
Jani	Alpa	PJM Interconnection, LLC	None
Janicki	Diane	Boston Energy Trading & Marketing, LLC	Other Supplier
Jardot	Gina	NRG Power Marketing LLC	Generation Owner
Jarugula	Deepthi	PJM Interconnection, LLC	None

Johnson	Carl	Customized Energy Solutions, Ltd.*	None
Jones	Scott		
Kelly	Ross	PJM Interconnection, LLC	None
Kelly	Stephen	Brookfield Renewable Trading and Marketing LP (BSMH)	Other Supplier
Kent	Janessa	Duquesne Light Company	Transmission Owner
Kirk	Steven	NextEra Energy Transmission, LLC	Transmission Owner
Lacek	Mollie	PJM Interconnection, LLC	None
Lake	Davie	American Transmission Systems, Inc.	Transmission Owner
LeithYessian	Devin	RTOInsider	None
Lee	Ray	PJM Interconnection, LLC	None
Lehmann	Horst	PPL Electric Utilities Corp. dba PPL Utilities (TO)	Transmission Owner
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
Mayers	Sharon	Clean Energy Future - Lordstown, LLC	Generation Owner
McLavery	Megan	PJM Interconnection, LLC	None
McNicholas	Daniels	Nautilus Power, LLC	Generation Owner
McTeigue	Caitlin	PJM Interconnection, LLC	None
Oakes	Brian	PJM Interconnection, LLC	None




Ofoegbu	Chidi	PJM Interconnection, LLC	None
Olaleye	Michael	PJM Interconnection, LLC	None
O’Leary	Chris	PSEG Energy Resources and Trade LLC	Other Supplier
Ondayko	Brock	AEP Energy Partners, Inc. (AEP Gen Resources)	Transmission Owner
Osborn	Eric	EDF Trading North America, LLC	Other Supplier
Patel	Harshil	PJM Interconnection, LLC	None
Patel	Keyur	PJM Interconnection, LLC	None
Patel	Shodhan	Constellation	Generation Owner
Pincus	Steve	PJM Interconnection, LLC	None
Ramsay	Eli	PJM Interconnection, LLC	None
Rohrbach	John	Wabash Valley Power	Electric Distributor
Rosenberger	Eric	PPL Electric Utilities Corp. dba PPL Utilities (LSE)	Transmission Owner
Rosenthal	Peter	Castleton Commodities Merchant Trading L.P.	Other Supplier
Salman	Tony	Duke Energy	Transmission Owner
Sasser	Jonathan	Customized Energy Solutions, Ltd.*	None
Scheidecker	Paul	Monitoring Analytics	None
Schroeder	Connie	Dominion Virginia Power	Transmission Owner
Selick	Sam	Customized Energy Solutions	None
Sims	Ryan	IGS	None
Sloan	Ben	Organization of PJM States, Inc.	

Smoker	Tim	PJM Interconnection, LLC	None
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
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
Stone	Chris	PJM Interconnection, LLC	None
Strella Wahba	Lauren	PJM Interconnection, LLC	None
Sturgeon	John	Duke Energy Carolinas, LLC	Other Supplier
Sunderman	Derek	Savion, LLC	
Swalwell	Brad	Tangent Energy Solutions, Inc.	Other Supplier
Sweeney	Rory	Northern Virginia Electric Cooperative (NOVEC)	Electric Distributor
Tribulski	Jen	PJM Interconnection, LLC	None
Ushijima	Hiroaki	Jpower USA	None
Waweru	James	PJM Interconnection, LLC	None
Wehnes	Kathleen	None	None
Whitehead	Jeffrey (Jeff)	GT Power Group	None
Wynder	Michael	Altrock LLC	Other Supplier

Yovanovich	Laura	PJM Interconnection, LLC	None
Zhao	Tong	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](#)  
 Outage Coordination: [Outage Coordination Issue Tracker](#)

Future Meeting Dates and Materials			Materials Due to Secretary 	Materials Published
Date	Time	Location		
January 11, 2024	9 a.m.	PJM Conference & Training Center and webex	January 3, 2024	January 4, 2024
February 8, 2024	9 a.m.	PJM Conference & Training Center and webex	January 31, 2024	February 1, 2024
March 7, 2024	9 a.m.	PJM Conference & Training Center and webex	February 28, 2024	February 29, 2024
April 4, 2024	9 a.m.	PJM Conference & Training Center and webex	March 27, 2024	March 28, 2024
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

Author: V. Le

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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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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.

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3. Under “Select Audio Option” select “Call Me” option from the dropdown menu

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