

Operating Committee  
Webex/ PJM Conference & Training Center  
April 13, 2023  
9:00 a.m. – 2:00 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 March 9, 2023 OC meeting. **The Committee approved the draft minutes from the March 09, 2023 Operating Committee meeting with 0 objections and 0 abstentions.**
  - b. Reviewed the OC work plan.
  - c. Reviewed the OC Charter.  
**The Operating committee will be asked to endorse the Charter at its next meeting.**

## Review of Operations

2. Review of Operating Metrics  
Stephanie Schwarz, PJM, reviewed the March 2023 PJM operating metrics slides. Metrics will include PJM's load forecast error, BAAL performance, and transmission / generation outage statistics.
3. Security Update  
Steve McElwee, PJM, provided a security briefing.
4. Winter Storm Elliott Fuel Supply Issues  
Brian Fitzpatrick, PJM, provided an overview on fuel supply issues that occurred during Winter Storm Elliott.

## Endorsements/Approvals

None

## First Reading

5. Manual 03: Transmission Operations  
Dean Manno, PJM, provided an overview of Manual 03 changes as a part of the periodic review.  
**The Operating Committee will be asked to endorse these changes at its next meeting.**
6. Manual 36: System Restoration  
Rich Brown, PJM, provided an overview of Manual 36 changes as a part of the periodic review.  
**The Operating Committee will be asked to endorse these changes at its next meeting.**
7. Synchronous Reserve Deployment Task Force Update

Vijay Shah, PJM, presented a recommendation to sunset the Synchronous Reserve Deployment Senior Task Force (SRDTF).

**The Operating Committee will be asked to endorse the sunsetting of the SRDTF at its next meeting.**

## Additional Items

8. Fuel and Energy Security  
Natalie Furtaw, PJM, provided an update on Fuel and Energy Security initiatives.
9. Black Start Service CRF in Capital Cost Recover Rate Order Establishing Hearing and Settlement Judge Procedures, Docket No. EL21-91-000  
Steve Pincus, PJM, provided an informational overview of the recent order issued by FERC in the Black Start Service CRF rate Federal Power Act section 206 Order to Show Cause proceeding, Docket No. EL21-91-000.

## Working Items

10. Outage Coordination
  - a. Cindy You, IMM, reviewed the IMM proposed solution package.
  - b. Paul Dajewski, PJM, reviewed the PJM/PSEG/DC Energy proposed joint solution package.

[Issue Tracking: Outage Coordination](#)

## Informational Only Postings

11. Reliability Compliance Update  
Informational posting of an overview on NERC, SERC, RF, and NAESB standards, and other pertinent regulatory and compliance information
12. Fast-Start Capable Request Overview  
Informational posting on the overview of the Fast-Start capable process including a reminder of the April 15, 2023 submittal deadline.
13. System Operations Subcommittee (SOS)  
Informational posting of the summary of the most recent SOS meeting.
14. Project 2021-07 Extreme Cold Weather Grid Operations, Preparedness, and Coordination – Phase II  
Informational posting with links to the webinar presentation and recording.  

[Presentation](#)  
[Recording](#)
15. Winter Operations Review  
Informational posting of the summary of 2022-2023 Winter Operations.

## 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
Anders	David	PJM Interconnection, LLC	None
Benchek	Jim	American Transmission Systems, Inc.	Transmission Owner
Bielak	Donnie	PJM Interconnection, LLC	None
Bryson	Michael	PJM Interconnection, LLC	None
Connelly	Matt	PJM Interconnection, LLC	None
Dajewski	Paul	PJM Interconnection, LLC	None
DeVita	Thomas	PJM Interconnection, LLC	None
Downs	Jere	PJM Interconnection, LLC	None
Fabiano	Janell	PJM Interconnection, LLC	None
Greening	Michele	PJM Interconnection, LLC	None
Hsia	Eric	PJM Interconnection, LLC	None
Kogut	George	New York Power Authority	Other Supplier
Leith-Yessian	Devin	RTO Insider	None
McElwee	Steve	PJM Interconnection, LLC	None
McGlynn	Paul	PJM Interconnection, LLC	None
Phillips	Darlene	PJM Interconnection, LLC	None
Pincus	Steve	PJM Interconnection, LLC	None
Scarpignato	David (Scarp)	Calpine Energy Services, L.P.	Generation Owner
Shah	Vijay	PJM Interconnection, LLC	None
Shields	Jeff	PJM Interconnection, LLC	None
Webex Attendance			
Aguilar	Fabiano Silveira	Strom Power, LLC	Other Supplier
Alberti	Jacob	NextEra Energy Transmission MidAtlantic Indiana, Inc.	Transmission Owner
Anderson	Juliet	Constellation Energy Generation, LLC	Generation Owner
Baizman	Aaron	PJM Interconnection, LLC	None
Baker	Jeff	Duke Energy Ohio, Inc.	Transmission Owner
Barnett	Paul	LS Power Development, LLC	None
Bazar	Kevin	PJM Interconnection, LLC	None

Bennett	Daniel	PJM Interconnection, LLC	None
Bleiweis	Bruce	DC Energy LLC	Other Supplier
Bloodworth	Michelle	America's Power	None
Boyle	Glen	PJM Interconnection, LLC	None
Braerman	Kenneth	Baltimore Gas and Electric Company	Transmission Owner
Breeding	Michael	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
Cao	Roger	PJM Interconnection, LLC	None
Carmean	Gregory (Greg)	Organization of PJM States, Inc. (OPSI)	None
Chinatapalli	Raj	BP Energy Company	Other Supplier
Chmielewski	Brian	PJM Interconnection, LLC	None
Christopher	Mahila	Public Utilities Commission of Ohio (The)	None
Chu	George	PJM Interconnection, LLC	None
Circelli	Roseanne	Public Service Electric & Gas Company	Transmission Owner
Clark	Linda	PJM Interconnection, LLC	None
Clifford	Brigid	PG Renewables	
Cocco	Michael	Old Dominion Electric Cooperative	Electric Distributor
Concina	Wendell	Commonwealth Edison Company	Transmission Owner
Corder	Nick	Commonwealth Chesapeake Company, LLC	Generation Owner
D'Antonio	Phil	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
Diiorio	Michelle	Public Service Electric & Gas Company	Transmission Owner
Dropkin	Robert	PJM Interconnection, LLC	None
Dugan	Chuck	East Kentucky Power Cooperative, Inc.	Transmission Owner
Egan	Amanda	PJM Interconnection, LLC	None
Ericson	Christine	Illinois Commerce Commission	None
Falin	Tom	PJM Interconnection, LLC	None

Fan	Zhenyu	PJM Interconnection, LLC	None
Fereshetian	Damon	PJM Interconnection, LLC	None
Filomena	Guy	Customized Energy Solutions, Ltd.*	None
Fink	Sari	American Wind Energy Association	None
Fitzpatrick	Brian	PJM Interconnection, LLC	None
Foladare	Kenneth (Ken)	Geenex Solar LLC	Other Supplier
Ford	Adrien	Old Dominion Electric Cooperative	Electric Distributor
Foster Cronin	Denise	East Kentucky Power Cooperative, Inc.	Transmission Owner
Frogg	Darrell	PJM Interconnection, LLC	None
Fuess	Christian	White Pine Consulting	
Fultz	McClain	PPL Electric Utilities Corporation	Transmission Owner
Gledhill	Andrew	PJM Interconnection, LLC	None
Grooms	Craig	Buckeye Power, Inc	Electric Distributor
Guntle	Vince	American PowerNet Management	End-Use Customer
Hatch	Kevin	PJM Interconnection, LLC	None
Hauske	David	PJM Interconnection, LLC	None
Heinle	Erik	Vistra Corporation	Generation Owner
Heisey	Bradley (Brad)	Tenaska Pennsylvania Partners, LLC	Generation Owner
Hepplewhite	Peter	Wrigley Capital LLC	Other Supplier
Hickey	Mike	PJM Interconnection, LLC	None
Hislop	David	PJM Interconnection, LLC	None
Hoatson	Thomas (Tom)	LS Power Development, LLC	None
Hoey	Edward	PJM Interconnection, LLC	None
Horning	Lynn Marie	American Municipal Power, Inc.	Electric Distributor
Horstmann	John	Dayton Power & Light Company (The)	Transmission Owner
Hull	Gerit	American Municipal Power, Inc.	Electric Distributor
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
Kane	Timothy	PJM Interconnection, LLC	None

Kelly	Ross	PJM Interconnection, LLC	None
Kelly	Stephen	Brookfield Energy Marketing LP	Other Supplier
Kent	Janessa	Duquesne Light Company	Transmission Owner
Kilgallen	Kevin	Avangrid Renewables LLC	Generation Owner
Kirk	Steve	NextEra Energy Transmission, LLC	Transmission Owner
Kroh	Judson	Ebensburg Power Company	Generation Owner
Lai	Erin	PJM Interconnection, LLC	None
Laios	Takis	AEP Appalachian Transmission Company, Inc.	Transmission Owner
Lake	David	FirstEnergy Corporation	Transmission Owner
Lee	Ray	PJM Interconnection, LLC	None
Leon	Miguel	PJM Interconnection, LLC	None
Liang-Nicol	Cecilia	FirstEnergy Corporation	Transmission Owner
Libbos	Robin	FirstEnergy Corporation	Transmission Owner
Loftus	Chad	PJM Interconnection, LLC	None
Mabry	David	McNees Wallace & Nurick LLC	None
Mali	Gizella	PJM Interconnection, LLC	None
Manno	Dean	PJM Interconnection, LLC	None
Mason	Gary	FirstEnergy Corporation	Transmission Owner
Mathew	Lagy	PJM Interconnection, LLC	None
Matticola	Michele	PJM Interconnection, LLC	None
Matuszak	Alex	UGI Energy Services, LLC	Other Supplier
Maucher	Andrea	Division of the Public Advocate of the State of Delaware	End-Use Customer
McDewell	Christian	Commonwealth of PA	None
McElwaine	Kathy	PJM Interconnection, LLLC	None
McGill	Susan	PJM Interconnection, LLC	None
McLavery	Megan	PJM Interconnection, LLC	None
McNeil	Justin	Office of the Attorney General, Kentucky	End-Use Customer
McNicholas	Daniel	Cogentrix Virginia Financing Holding Company, LLC	Other Supplier
Messina	Emmy	PJM Interconnection, LLC	None
Midgley	Sharon	Exelon Business Services Company, LLC	Transmission Owner
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	Molly	PJM Interconnection, LLC	None
Moretti	Andrea	PJM Interconnection, LLC	None
Moye	Bob	Rainbow Energy Marketing Corporation	Other Supplier
Mulhern	Joseph	PJM Interconnection, LLC	None
Newkirk	Alex	PJM Interconnection, LLC	None
O'Donnell	Colleen	Public Utilities Commission of Ohio	None
Olinger	Robert	Gen Ops, LLC	Other Supplier
Ondayko	Brock	AEP Appalachian Transmission Company, Inc.	Transmission Owner
Pakela	Gregory (Greg)	DTE Energy Trading, Inc.	Other Supplier
Patel	Keyurbhai (Keyur)	PJM Interconnection, LLC	None
Peebles	Andy	Saracen Energy East LP	Other Supplier
Phenix	Michael	TAQA Gen X LLC	Generation Owner
Pilong	Christopher	PJM Interconnection, LLC	None
Poulos	Greg	CAPS	None
Prokop	Brenda	LS Power Development, LLC	None
Rainey	John	Northern Virginia Electric Cooperative	Electric Distributor
Ramsey	Eli	PJM Interconnection, LLC	None
Rasmussen	Jay	Duke Energy Business Services LLC	Transmission Owner
Rocha Garrido	Patricio	PJM Interconnection, LLC	None
Rohrback	John	Aces Power	Marketing None
Rutledge	Craig	AEP Appalachian Transmission Company, Inc.	Transmission Owner
Sasser	Jonathan	Customized Energy Solutions, Ltd.*	None
Schroeder	Connie	Dominion Virginia Power	Transmission Owner
Sells	Scott	East Kentucky Power Cooperative, Inc.	Transmission Owner
Sillin	John	The Federal Energy Regulatory Commission	None
Sloan	Ben	Organization of PJM States, Inc. (OPSI)	None
Smith	Kara	Buckeye Power, Inc.	Electric Distributor
Smith	Marcus	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
Stack	James	Duquesne Light Company	Transmission Owner
Stadelmeyer	Rebecca	Gable and Associates	None
Stanisz	Mark	PJM Interconnection, LLC	None
Stefanowicz	Vincent	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
Svenson	Heather	Public Service Electric & Gas Company	Transmission Owner
Swalwell	Bradley (Brad)	Tangent Energy Solutions, Inc.	Other Supplier
Sweeney	Rory	Power Prose Inc.	
Sweet	Brian	PJM Interconnection, LLC	None
Tacka Furtaw	Natalie	PJM Interconnection, LLC	None
Tian	Xueqi	Electric Power Supply Association	
Ushijima	Hiroaki	Jpower USA	None
VanderLaan	Bill	Illinois Commerce Commission	None
Walcavich	Colin	Green River Holdings, LLC	Generation Owner
Wharton	Matthew	PJM Interconnection, LLC	None
Whitehead	Jeffrey (Jeff)	GT Power Group	None
Wilson	James	Wilson Energy Economics	None
Wynder	Michael	PJM Interconnection, LLC	None
Yasutake	Sarah	Gabel and Associates	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.
May 11, 2023	9 a.m.	PJM Conference & Training Center and webex	May 01, 2023	May 04, 2023
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. Strella Wahba

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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 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:**


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