

Operating Committee
Webex/ PJM Conference & Training Center
December 8, 2022
9:00 a.m. – 12:00 p.m. EST

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 November 3 OC meeting. **The Committee approved the draft minutes from the November 3, 2022 Operating Committee meeting with 0 objections and 0 abstentions**
 - b. Reviewed the OC work plan.
 - c. Reviewed the 2023 OC work plan.

Review of Operations

2. Review of Operating Metrics
Stephanie Schwarz, PJM, reviewed the November 2022 PJM operating metrics slides. Metrics included PJM's load forecast error, BAAL performance, and transmission / generation outage statistics.
3. Security Update
Steve McElwee, PJM, provided a security briefing.

Endorsements/Approvals

4. IROL-CIP Cost Recovery Issue Charge
Catherine Tyler, Monitoring Analytics, reviewed proposed revisions to the IROL-CIP Issue Charge. This item was moved by David Mabry on behalf of Air Products and seconded by Adrien Ford on behalf of Old Dominion Electric Cooperative.
The proposed Issue Charge revisions failed with 22% in favor and 78% opposed. This topic will return to the January OC agenda again as a working item.
[Issue Tracking: IROL-CIP Cost Recovery](#)
5. Manual 02: Transmission Service Request
Jeff McLaughlin, PJM, reviewed proposed revisions to Manual 02. These are clarifying changes related to the Internal Network Integration Transmission Service (NITS) Process issue, as well as administrative cleanup.
The Operating Committee endorsed the changes to Manual 02 with 0 objections and 0 abstentions.

6. PJM's Regional Transmission and Energy Scheduling Practices document
Jeff McLaughlin, PJM, reviewed proposed revisions to the Regional Transmission and Energy Scheduling Practices document. These changes are in support of the NAESB version 3.3 Business Practice Standards, as well as administrative cleanup.
The Operating Committee endorsed the changes to PJM's Regional Transmission and Energy Scheduling Practices document with 0 objections and 0 abstentions.

7. System Operation Subcommittee Charter
Matthew Wharton, PJM, reviewed proposed revisions to the SOS Charter as a part of the periodic review.
The Operating Committee approved the changes to the SOS Charter with 0 objections and 0 abstentions.

First Reading

8. Manual 38: Operations Planning
Liem Hoang, PJM, reviewed proposed revisions to Manual 38 as a part of the periodic review
The Operating Committee will be asked to endorse these changes at its next meeting.

Additional Items

9. AEP Columbus/Marion Area Load Shed Event from June 13-16, 2022
 - a. Jack O'Neill, PJM, reviewed the load management performance from the AEP Columbus/Marion Area Load Shed event.

 - b. Donnie Bielak, PJM, provided an overview of the lessons learned from the AEP Columbus/Marion Area Load Shed event.

10. Regulation Performance Update
Ilyana Dropkin, PJM, provided an update on PJM regulation market performance.

11. Primary Frequency Response Update
Ross Kelly, PJM, provided an update on PJM primary frequency response performance.

12. Synchronous Reserve Update
Dave Kimmel, PJM, provided a review of recent synchronous reserve performance.

13. ~~Electric Gas Coordination Senior Task Force Update (11:25 — 11:35)~~
~~Susan McGill, PJM, will provide an update on the progress of the EGCSTF.~~
~~Electric Gas Coordination Senior Task Force~~

14. Cold Weather Advisory Process & Drill

Dan Bennett, PJM, reviewed the process for a Cold Weather Advisory, a new weather emergency added to M13 in October 2022, and introduced a drill planned to provide GOs experience with the process.

15. Fuel Supply Overview

Brian Fitzpatrick, PJM, provided an overview of current fuel supply issues.

Working Items

None

Informational Only Postings

16. Unit Specific Parameter Adjustment Request Overview

Informational posting on the overview of the unit specific parameter adjustment process including a reminder of the February 28, 2023 submittal deadline.

17. NERC Lessons Learned

Informational posting of a review of the latest posted NERC Lessons Learned reports.

18. Reliability Compliance Update

Informational posting on NERC, SERC, RF, and NAESB standards, and other pertinent regulatory and compliance information, and solicit feedback from the members on Reliability Compliance efforts.

19. System Operations Subcommittee (SOS)

Informational posting of the summary of the most recent SOS meeting.

Attendance

Last Name	First Name	Company	Sector
Patel (Chair)	Anita	PJM Interconnection	None
Strella Wahba (Secretary)	Lauren	PJM Interconnection	None
Adare	Kendal	Silver Run Electric, LLC	Transmission Owner
Aguilar	Fabiano	Strom Power	Other Supplier
Baker	Jeff	Duke Energy Ohio, Inc.	Transmission Owner
Barker	Jason	Constellation Energy Generation, LLC	Generation Owner
Barmer	Mike	Dominion Virginia Power	None
Barnett	Paul	Silver Run Electric, LLC	Transmission Owner
Bencheck	Jim	American Transmission Systems, Inc.	Transmission Owner
Bennett	Dan	PJM Interconnection	None

Bielak	Donnie	PJM Interconnection	None
Blackwood	Jon	Office of the Ohio Consumers' Counsel	None
Bleiweis	Bruce	DC Energy LLC	Other Supplier
Boyle	Glen	PJM Interconnection	None
Boyle	Sean	Constellation Energy Generation, LLC	Generation Owner
Braerman	Kenneth	Baltimore Gas and Electric Company	Transmission Owner
Bresler	Stu	PJM Interconnection	None
Briscar	Joseph	Stone, Mattheis, Xenopoulos & Brew, PC	None
Brown	Rich	PJM Interconnection	None
Bryson	Mike	PJM Interconnection	None
Buehler	Susan	PJM Interconnection	None
Buonomo	Steven	PPL Electric Utilities Corp. dba PPL Utilities	Transmission Owner
Callaghan	Christopher	PJM Interconnection	None
Callen	Zachary	Illinois Commerce Commission	None
Cao	Roger	PJM Interconnection	None
Carmean	Greg	OPSI	None
Chen	Hong	PJM Interconnection	None
Chmielewski	Brian	PJM Interconnection	None
Christopher	Mahila	Public Utilities Commission of Ohio	None
Chu	George	PJM Interconnection	None
Ciabattoni	Joe	PJM Interconnection	None
Cocco	Michael	Old Dominion Electric Cooperative	Electric Distributor
Corash	Rich	PSEG Energy Resources & Trade LLC	Other Supplier
Croop	Danielle	PJM Interconnection	None
Curtis	Kenneth	Drilling Info, Inc.	None
D'Antonio	Philip	PJM Interconnection	None
Daugherty	Danielle	ReliabilityFirst	None
Davis	Elizabeth	PJM Interconnection	None
Davis	Jim	Dominion Energy Generation Marketing, Inc.	Generation Owner
DeGiusto	Vince	UGI Utilities, Inc.	Transmission Owner
Dent	Duane	PJM Interconnection	None
Domian	Christin	Duquesne Light Company	Transmission Owner
Downs	Jere	PJM Interconnection	None
Dropkin	Ilyana	PJM Interconnection	None
Dugan	Chuck	East Kentucky Power Cooperative, Inc.	Transmission Owner
Egan	Amanda	PJM Interconnection	None

Elkins	Rachel	FirstEnergy Corporation	Transmission Owner
Embs	Merrilee	Office of the Ohio Consumers' Counsel	None
Everngam	Scott	The Federal Energy Regulatory Commission	None
Fabiano	Janell	PJM Interconnection	None
Fadley	Rob	Public Utilities Commission of Ohio	None
Fan	Zhenyu	PJM Interconnection	None
Feuerborn	Mark	NBC4	None
Filomena	Guy	Customized Energy Solutions, Ltd.	None
Fitzpatrick	Brian	PJM Interconnection	None
Foladare	Kenneth	Geenex Solar LLC	Generation Owner
Foley	Sheila	PJM Interconnection	None
Forcum	David	Duke Energy Ohio, Inc.	Transmission Owner
Ford	Adrien	Old Dominion Electric Cooperative	Electric Distributor
Fox	Renee	WOSU Radio	None
Franks	Christine	PJM Interconnection	None
Frogg	Darrell	PJM Interconnection	None
Fuess	Christian	PBF Power Marketing, LLC	Generation Owner
Gates	Terry	Appalachian Power Company (AEP Generation)	Transmission Owner
Gebele	Don	AES	
Gilani	Rehan	ConEdison Energy, Inc.	Other Supplier
Greening	Michele	PJM Interconnection	None
Gorman	Brad	FirstEnergy Corporation	Transmission Owner
Handlin	Mike	PJM Interconnection	None
Haque	Asim	PJM Interconnection	None
Hastings	David	Market Interconnection Consulting Services (MICS)	None
Haugh	Mike	Dayton Power & Light Company (The)	Transmission Owner
Hauske	David	PJM Interconnection	None
Hauske	Tom	PJM Interconnection	None
Herrera	Maria	PJM Interconnection	None
Hislop	Dave	PJM Interconnection	None
Hoang	Liem	PJM Interconnection	None
Hoatson	Thomas	Riverside Generating, LLC	Generation Owner
Hoffman	Anna	NBC4	None
Hohenshilt	Jennifer	Talen Energy Marketing, LLC	Generation Owner
Horstmann	John	Dayton Power & Light Company	Transmission Owner
Hsia	Eric	PJM Interconnection	None
Hull	Gerit	American Municipal Power, Inc.	Electric Distributor


Hyatt	Earl	Monitoring Analytics	None
Hyzinski	Tom	GT Power Group, LLC	None
Idzior	John	ReliabilityFirst	None
Jackson	Stacey	UGI Utilities, Inc.	Transmission Owner
Janicki	Diane	Boston Energy Trading & Marketing, LLC	Other Supplier
Jardot	Gina	NRG Power Marketing, LLC	Generation Owner
Jarrah	Danny	PPL Electric Utilities Corporation	Transmission Owner
Jett	Bill	Duke Energy Business Services LLC	Transmission Owner
Johnson	Carl	Customized Energy Solutions, Ltd.	None
Jones	Scott	Indiana Office of Utility Consumer Counsel	End-Use Customer
Kalaskar	Rahul	AES Ohio Generation, LLC	Generation Owner
Kelly	Stephen	Brookfield Energy Marketing LP	Other Supplier
Kelly	Ross	PJM Interconnection	None
Kent	Janessa	Duquesne Light Company	Transmission Owner
Kimmel	Dave	PJM Interconnection	None
Konowal	Richard	PJM Interconnection	None
Laios	Takis	AEP Appalachian Transmission Company, Inc.	Transmission Owner
Lake	David	FirstEnergy Corporation	Transmission Owner
Landers	Kevin	WBNS	None
Langbein	Pete	PJM Interconnection	None
Lee	Ray	PJM Interconnection	None
Leith-Yessian	Devin	RTO Insider	None
Leming	Donald	Public Utilities Commission of Ohio	None
Libbos	Robin	FirstEnergy Corporation	Transmission Owner
Livingston	Mike	Gongwer News Service	None
Lockwood	Dan	PJM Interconnection	None
Mabry	David	McNees Wallace & Nurick LLC	None
Mali	Gizella	PJM Interconnection	None
Mason	Gary	FirstEnergy Corporation	Transmission Owner
Matuszak	Alex	UGI Energy Services, LLC	Other Supplier
McClelland	Maura	Public Utilities Commission of Ohio	None
McDewell	Christian	Commonwealth of PA	None
McElwaine	Kathy	PJM Interconnection	None
McElwee	Steve	PJM Interconnection	None
McGill	Susan	PJM Interconnection	None
McGlynn	Paul	PJM Interconnection	None
McGovern	Jason	PJM Interconnection	None
McLaughlin	Jeff	PJM Interconnection	None
McLaverty	Megan	PJM Interconnection	None

McNeil	Justin	Office of the Attorney General, Kentucky	End-Use Customer
Midgley	Sharon	Exelon Business Services Company, LC	Transmission Owner
Mohler	Tina	PJM Interconnection	None
Mulhern	Joe	PJM Interconnection	None
Nelson	Haley	ABC6	None
Nivolianitis	Ted	TransAlta Energy Marketing (U.S.) Inc.	Other Supplier
Okenfuss	James	Savion, LLC	None
Olaley	Michael	PJM Interconnection	None
Ondayko	Brock	AEP Appalachian Transmission Company, Inc.	Transmission Owner
O'Neill	Jack	PJM Interconnection	None
Pacella	Christopher	PJM Interconnection	None
Pakela	Gregory	DTE Energy Trading, Inc.	Other Supplier
Panchal	Hitesh	PJM Interconnection	None
Parrot	Sarah	Public Utilities Commission of Ohio	None
Philips	Darlene	PJM Interconnection	None
Pilong	Christopher	PJM Interconnection	None
Poulos	Greg	CAPS	None
Ramsay	Eli	PJM Interconnection	None
Rogers	Aaron	East Kentucky Power Cooperative, Inc.	Transmission Owner
Rohrbach	John	Southern Maryland Electric Cooperative, Inc.	Electric Distributor
Ross	Sarah	Public Utilities Commission of Ohio	None
Sasser	Jonathan	Customized Energy Solutions, Ltd.	None
Sauer	Larry	Office of the Ohio Consumers' Counsel	None
Scarpignato	David	Calpine	
Scheidecker	Paul	Monitoring Analytics	None
Scheirer	Alex	PJM Interconnection	None
Schwarz	Stephanie	PJM Interconnection	None
Schuyler	Ken	PJM Interconnection	None
Seipel	Penny	Public Utilities Commission of Ohio	None
Shields	Jeffrey	PJM Interconnection	None
Shields	Dan	ConEdison Energy, Inc.	Other Supplier
Sillin	John	The Federal Energy Regulatory Commission	None
Simpson	Scott	Constellation Energy Generation, LLC	Generation Owner

Sorrels	Jim	AEP Appalachian Transmission Company, Inc.	Transmission Owner
Sotkiewicz	Paul	E-Cubed Policy Associates	None
Souder	Michelle	PJM Interconnection	None
Souder	Richard	PJM Interconnection	None
Stanisz	Mark	PJM Interconnection	None
Stefanowicz	Vince	PJM Interconnection	None
Stemetzki	Michael	PJM Interconnection	None
Stone	Andy	PJM Interconnection	None
Sturgeon	John	Duke Energy Business Services LLC	Transmission Owner
Sweeney	Rory	GT Power Group	None
Tam	Simon	PJM Interconnection	None
Tay	Sing	AES	
Teasley	Paul	Columbus News	None
Tribulski	Jennifer	PJM Interconnection	None
Trombold	Beth	Public Utilities Commission of Ohio	None
Tyler	Cathering	Monitoring Analytics	None
Uxley	McKenzie	Public Utilities Commission of Ohio	None
Vayda	Brian	Borough of Park Ridge, NJ	Electric Distributor
Waller	Monica	Public Utilities Commission of Ohio	None
Waugaman	Brittany	Public Utilities Commission of Ohio	None
Wharton	Matthew	PJM Interconnection	None
Whitehead	Jeff	GT Power Group	None
Williams	Nicholas	Public Service Electric & Gas Company	Transmission Owner
Yovanovich	Laura	PJM Interconnection	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](#)
 Dynamic Line Rating Task Force: [DLRTF Website](#)
 IROL – CIP Cost Recovery: [IROL – CIP Cost Recovery Issue Tracker](#)

Future Meeting Dates and Materials			Materials Due to Secretary 	Materials Published
Date	Time	Location	5 p.m.	4 p.m.
January 12, 2023	9 a.m.	PJM Conference & Training Center and webex	January 03, 2023	January 05, 2023
February 09, 2023	9 a.m.	PJM Conference & Training Center and webex	January 30, 2023	February 02, 2023



Draft Meeting Minutes

March 09, 2023	9 a.m.	PJM Conference & Training Center and webex	February 27, 2023	March 02, 2023

Author: L. Stella Wahba

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 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.

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