

Operating Committee
PJM Conference & Training Center, Audubon, PA
September 8, 2022
9:00 a.m. – 2:00 p.m. EDT

**Operator assisted phone lines will be opened 30 minutes prior to the start of the meeting. Due to the high volume of remote participation, stakeholders are asked to connect early to allow additional time for operator queue processing.*

Administration (9:00-9:15)

1. Jeff McLaughlin, PJM, will provide announcements; review the Antitrust, Code of Conduct, Public Meetings/Media Participation, and the WebEx Participant Identification Requirement.
 - a. Review and approve draft minutes from the August 11 OC meeting.
 - b. Review of the OC work plan.
 - c. Michele Greening, PJM, will provide an update on the upcoming PJM Annual Meeting.

Review of Operations (9:15 - 9:30)

2. Review of Operating Metrics (9:15 – 9:25)
Stephanie Schwarz, PJM, will review the August 2022 PJM operating metrics slides. Metrics will include PJM's load forecast error, BAAL performance, and transmission / generation outage statistics.
3. Security Update (9:25 – 9:30)
Steve McElwee, PJM, will provide a security briefing.

Endorsements/Approvals (9:30 – 11:40)

4. Max Emergency Changes for Resource Limitation Reporting (9:30 – 9:50)
A review of solution packages will be performed for the Max Emergency Changes for Resource Limitation Reporting issue as part of the Consensus Based Issue Resolution (CBIR) Lite process.
 - a. Chris Pulong, PJM, will review Package A.
 - b. Joel Luna, Monitoring Analytics, will review Package B.

The Operating Committee will be asked to endorse the proposed solutions at today's meeting.

[Issue Tracking: Max Emergency Changes for Resource Limitation Reporting](#)
5. Internal NITS Process (9:50 – 10:10)
A review of solution package(s) will be performed for the Internal Network Integration Transmission Service (NITS) Process issue as part of the CBIR Lite process.

The Operating Committee will be asked to endorse the proposed solution at today's meeting.

6. Renewable Dispatch (10:10 – 10:40)

A review of the solution package will be performed for the Renewable Dispatch issue as part of the CBIR process.

[Issue Tracking: Renewable Dispatch](#)

The Operating Committee will be asked to endorse the proposed solution at today's meeting.

7. Fuel Requirements for Black Start Resources (10:40 – 11:10)

A review of solution packages will be performed for the Fuel Requirements and Black Start Resources issue as part of the CBIR process.

- a. Janell Fabiano, PJM, will provide a brief background on the issue and a review of the unique voting procedure.
- b. Dan Bennett, PJM, will review Package H (PJM / Brookfield / DCOPC).
- c. Joe Bowring, Monitoring Analytics, will review Package B (IMM).

[Issue Tracking: Fuel Requirements for Black Start Resources](#)

The Operating Committee will be asked to endorse the proposed solutions after today's meeting via an offline vote in the PJM Voting Application.

8. Manual 14D and Manual 13 Revisions (11:10 – 11:20)

Ray Lee, PJM, will perform a review of changes to Manual 14D: Generator Operational Requirements and Manual 13: Emergency Operation. The changes are associated with NERC standards EOP-011 – Emergency Preparedness and Operations, IRO-010 – Reliability Coordinator Data Specification and Collection, and TOP-003 – Operational Reliability Data will be performed.

The Operating Committee will be asked to endorse these changes at today's meeting.

9. Manual 10, Manual 12 and Manual 13 Revisions (11:20 – 11:30)

David Kimmel, PJM, will perform a review of changes associated with Reserve Price Formation impacting Manual 10: Pre-Scheduling Operations, Manual 12: Balancing Operations and Manual 13: Emergency Operations.

The Operating Committee will be asked to endorse these changes at today's meeting.

10. Manual 39: Nuclear Plant Interface Coordination (11:30 – 11:40)

Darrell Frogg, PJM, will review Manual 39 changes as a part of the periodic review.

The Operating Committee will be asked to endorse these changes at today's meeting.

First Reading (11:40 – 12:30)

11. Manual 3A: Energy Management System Model Updates & Quality Assurance (11:40 – 12:00)

Jeff Schmitt, PJM, will review Manual 3A changes as a part of the periodic review.

The Operating Committee will be asked to endorse these changes at its next meeting.

Lunch (12:00 – 12:30)

Additional Items (12:30 – 1:15)

12. 2023 Capital Project Budget (12:30 – 12:45)
Jim Snow, PJM, will review PJM's 2023 capital project budget.
13. PPL Dynamic Line Rating Implementation Update (12:45 – 1:00)
Dave Hislop, PJM, will provide an update on the implementation of the PPL Dynamic Line Rating.
14. System Resilience (1:00 – 1:15)
Chris Pilong, PJM, will provide an update on system resilience.

Working Items (1:15 – 2:00)

15. IROL-CIP Cost Recovery (1:15 – 2:00)
A review of the solution package for the IROL-CIP Cost Recovery issue will be performed as part of the CBIR process.
 - a. Darrell Frogg, PJM, will review Package A.
 - b. Joe Bowring, IMM, will provide comments.
[Issue Tracking: IROL-CIP Cost Recovery](#)

Informational Only Postings

16. Reliability Compliance Update
Becky Davis, PJM, will provide an update on NERC, SERC, RF, and NAESB standards, and other pertinent regulatory and compliance information, and solicit feedback from the members on Reliability Compliance efforts.
17. Regulation Performance Update
Ilyana Dropkin, PJM, will provide an update on PJM regulation market performance.
18. Primary Frequency Response Update
Ross Kelly, PJM, will provide an update on PJM primary frequency response performance.
19. Synchronous Reserve Update
Dave Kimmel, PJM, will provide a review of recent synchronous reserve performance.
20. Synchrophasor Update
Chris Callaghan, PJM, will review recent activities around PMUs at PJM.
21. System Operations Subcommittee (SOS)
Donnie Bielak, PJM, will provide a summary of the most recent SOS meeting.
22. NERC Lessons Learned
Kevin Hatch, PJM, will review the latest posted NERC Lessons Learned reports.

23. Dynamic Line Rating Task Force (DLRTF) Update

The first meeting of the DLRTF will be on September 30. The Task Force is assigned to the OC, but will also cover topics related to the PC and MIC. Information will be posted to the [DLRTF](#) page.

24. 2022 Annual Meeting – Part 2

Michele Greening, PJM, will provide an update on the upcoming PJM Annual Meeting.

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](#)

Fuel Requirements for Black Start Resources: [Fuel Req't. for Black Start Resources Issue Tracker](#)

Synchronous Reserve Deployment Task Force: [SRDTF 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.
September 8, 2022	9 a.m.	PJM Conference & Training Center and WebEx	August 29, 2022	September 1, 2022
October 7, 2022	9 a.m.	PJM Conference & Training Center and WebEx	September 27, 2022	September 30, 2022
November 3, 2022	9 a.m.	PJM Conference & Training Center and WebEx	October 24, 2022	October 27, 2022
December 8, 2022	9 a.m.	PJM Conference & Training Center and WebEx	November 28, 2022	December 1, 2022

Author: Jeffrey McLaughlin

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.

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. PJM support staff continuously monitors WebEx connections during stakeholder meetings. Anonymous users or those using false usernames or emails will be dropped from the teleconference.

During a Meeting	During an Acclamation Vote
<div style="display: flex; justify-content: space-around;"> <div style="text-align: center;"> <p>*1</p> <p>To enter the question queue (does not work during a vote)</p> </div> <div style="text-align: center;"> <p>*2</p> <p>To be removed from the question queue</p> </div> </div> <div style="text-align: center; margin-top: 20px;"> <p>*0</p> <p>To signal for PJM support staff assistance</p> </div>	<p>Please log in to the voting application at voting.pjm.com, so that you can be registered as the active voter prior to the start of the meeting.</p> <div style="display: flex; justify-content: space-around; margin-top: 20px;"> <div style="text-align: center;"> <p>*7</p> <p>Yes</p> </div> <div style="text-align: center;"> <p>*8</p> <p>No</p> </div> </div> <div style="display: flex; justify-content: space-around; margin-top: 20px;"> <div style="text-align: center;"> <p>*9</p> <p>Abstain</p> </div> <div style="text-align: center;"> <p>*0</p> <p>To signal for PJM support staff assistance</p> </div> </div>
<p>Asking A Question</p> <ul style="list-style-type: none"> • Dialing *1 enters you into the question queue; the three dial tones are an auditory indication that you have successfully been placed in the queue. • Questions are taken during the meeting when natural breaks occur and are asked in the order they are received. 	
<p>Linking Teleconference Connection to Webex</p> <p>When logging in to the meeting, access Webex first and select the "call me" feature to receive a direct call to your phone. Using this feature will connect your name to your Webex presence.</p>	

<h2>Join a Meeting</h2>	<ol style="list-style-type: none"> 1. Join meeting in the Webex desktop client 2. Enter name (<i>First and Last*</i>) and corporate email 3. Call in to the operator-assisted number
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**Note: Anonymous users or those using false usernames or emails will be dropped from the teleconference.*

Provide feedback on the progress of this group: [Facilitator Feedback Form](#)
 Visit learn.pjm.com, an easy-to-understand resource about the power industry and PJM's role.