

Markets & Reliability Committees

Hyatt Regency Chesapeake Bay Golf Resort, Spa and Marina in Cambridge, MD / WebEx

October 24, 2022

1:00 p.m. – 5:00 p.m. EPT

**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 (1:00-1:05)

Welcome, announcements and Anti-trust, Code of Conduct, and Public Meetings/Media Participation – Stu Bresler and Dave Anders

Opening Remarks (1:05-1:40)

Manu Asthana will provide opening remarks.

Michael Coyle will present a Diversity, Equity, and Inclusion (DEI) moment.

Consent Agenda (1:40-1:45)

- A. **Approve** minutes of the September 21, 2022 meeting of the Markets and Reliability Committee (MRC).
- B. **Endorse** the 2022 Reserve Requirement Study results (IRM and FPR).
- C. **Endorse** proposed revisions to Manual 28: Operating Agreement Accounting to remove an Operating Reserve rule for Combustion Turbine (CT) units.
[Issue Tracking: Operating Reserve Clarification for Resources Operating as Requested by PJM](#)
- D. **Endorse** proposed revisions to Manual 39: Nuclear Plant Interface Coordination as a part of the periodic review.
- E. **Endorse** Tariff revisions addressing the Internal Network Integration Transmission Service (NITS) Process.
[Issue Tracking: Internal Network Integration Transmission \(NITS\) Process](#)

Endorsements (1:45-2:20)

1. Fuel Requirements for Black Start Resources (1:45-2:10)

Janell Fabiano will provide background and Dan Bennett will review the proposed solution. **The committee will be asked to endorse the proposed solution and corresponding Tariff and Manual revisions.**

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

2. Residential Customer Measurement and Verification for Demand Response (2:10-2:20)

Ken Schisler, CPower, will review a Problem Statement and Issue Charge addressing Residential Customer Measurement and Verification for Demand Response. **The committee will be asked to approve the Issue Charge.**

First Readings (2:20-4:50)

3. Transmission Constraint Penalty Factor (2:20-2:40)

Susan Kenney will provide an update regarding the Transmission Constraint Penalty Factor (TCPF) activities at the Energy Price Formation Senior Task Force (EPFSTF) and Vijay Shah will review a proposed TCPF solution package as endorsed by the EPFSTF. The committee will be asked to endorse the proposed solution package and corresponding Tariff and Operating Agreement (OA) revisions at its next meeting.

[Issue Tracking: Operating Reserve Demand Curve \(ORDC\) & Transmission Constraint Penalty Factors](#)

4. Energy and Reserve Market Circuit Breaker (2:40-3:20)

A. Susan Kenney will provide an update regarding the Energy and Reserve Market Circuit Breaker activities at EPFSTF.

B. Adrien Ford, ODEC, will review a proposed circuit breaker solution package on behalf Joint Stakeholder sponsors.

C. David Scarpignato, Calpine, will review a proposed alternative circuit breaker solution package.

The committee will be asked to endorse a proposed solution package at its next meeting.

[Issue Tracking: Operating Reserve Demand Curve \(ORDC\) & Transmission Constraint Penalty Factors](#)

5. Variable Operations & Maintenance Cost Development (3:20-3:45)

A. Roger Cao will review the proposed Main Motion solution addressing the development of variable operations and maintenance costs.

B. Jason Barker, Constellation, will review the proposed Alternative Motion solution.

The committee will be asked to endorse a proposed solution at its next meeting.

[Issue Tracking: Variable Operating and Maintenance Cost](#)

6. Maximum Emergency Changes for Resource Limitation Reporting (3:45-4:05)

Chris Pilong will review a proposed solution package and Manual 13: Emergency Operations revisions addressing the Max Emergency Changes for Resource Limitation Reporting. The committee will be asked to endorse the proposed solution and corresponding Manual revisions at its next meeting.

[Issue Tracking: Max Emergency Changes for Resource Limitation Reporting](#)

7. Critical Natural Gas Infrastructure – Demand Response Participation (4:05-4:30)

Pete Langbein will review a proposed solution and corresponding revisions to Manual 11 Energy & Ancillary Services Market Operations, Manual 18 PJM Capacity Market, the Tariff, and Operating Agreement (OA), and Reliability Assurance Agreement (RAA). The solution and corresponding revisions address the prohibition of Critical Natural Gas Infrastructure load as a demand response resource pursuant to recommendations included in the FERC/NERC report on the severe cold weather event in Texas and South Central US in February 2021. The committee will be asked to endorse the proposed solution and corresponding Manual, Tariff, OA, and RAA revisions at its next meeting.

[Issue Tracking: Critical Gas Infrastructure – Demand Response Participation](#)

8. FTR Bilateral Review and Reporting Requirements (4:30-4:50)

James Waweru will review a proposed solution to address the FTR Bilateral Review and Reporting issue. The committee will be asked to endorse the proposed solution and corresponding Tariff revisions at its next meeting.

[Issue Tracking: FTR Bilateral Review and Reporting Requirements](#)

9. Manuals (4:50-5:00)

- A. Dean Manno will review proposed revisions to Manual 3: Transmission Operations resulting from its periodic review. The committee will be asked to endorse the Manual revisions at its next meeting.
- B. Jeff Schmitt will review proposed revisions to Manual 3A: Energy Management System (EMS) Model Updates and Quality Assurance (QA) resulting from its periodic review. The committee will be asked to endorse the Manual revisions at its next meeting.

Future Agenda Items (5:00)

Future Meeting Dates and Materials			Materials Due to Secretary	Materials Published
Date	Time	Location		
November 16, 2022	9:00 a.m.	PJM Conference & Training Center and WebEx	November 4, 2022	November 9, 2022
December 21, 2022	9:00 a.m.	PJM Conference & Training Center and WebEx	December 9, 2022	December 14, 2022

Author: M. Greening

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>	

Join a Meeting	<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.*

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