

Markets and Reliability Committee
PJM Conference and Training Center, Valley Forge, PA
October 31, 2019
9:00 a.m. – 12:45 p.m. EPT

Administration (9:00-9:10)

Welcome, announcements and Anti-trust and Code of Conduct announcement – Mr. Stu Bresler and Mr. Dave Anders

PJM Communications Tool Changes

PJM will be updating its current stakeholder email communication tool later this year. Stakeholders are being asked to provide their IT departments the IP address, 13.111.63.217, to ensure members receive stakeholder communications from the new tool. If subscribers are unable to add the IP address to their company's IT trusted list, please check the company spam folder to allow communications from "@lists.pjm.com". Additional details regarding the tool update can be found under the [Tech Change Forum](#).

Consent Agenda (9:10-9:15)

- A. **Approve** minutes of the September 26, 2019 meeting of the Markets and Reliability Committee (MRC).
- B. **Endorse** proposed revisions to PJM Manual 14D: Generator Operational Requirements including a periodic cover to cover review and proposed language changes regarding compliance with FERC Order 841 for energy storage participation.
[Issue Tracking: Electric Storage Participation - FERC Order 841](#)
- C. **Endorse** proposed changes to PJM Manual 36: System Restoration and PJM Manual 40: Training and Certification Requirements regarding FERC Order 841 for energy storage participation.
[Issue Tracking: Electric Storage Participation - FERC Order 841](#)
- D. **Endorse** the 2019 Reserve Requirement Study results (IRM, FPR).

Endorsements/Approvals (9:15-9:30)

1. Load Management Testing Requirements (9:15-9:30)

Mr. Pete Langbein will provide a review of the Load Management Test proposals endorsed by the Market Implementation Committee. **The committee will be asked to endorse a proposed solution package.**

[Issue Tracking: Load Management Testing Requirements](#)

First Readings (9:30-12:25)

2. Transmission Asset End of Life Problem Statement and Issue Charge (9:30-10:00)

Mr. Ed Tatum, American Municipal Power, will present a proposed Problem Statement and Issue Charge addressing transmission asset end of life processes. The committee will be asked to approve the proposed issue charge at its next meeting.

3. Gas Contingency Operations (10:00-10:30)

Mr. Christopher Pulong will review the proposed revisions for gas contingency operations to PJM Manual 3: Transmission Operations and PJM Manual 13: Emergency Operations. **The committee will be asked to endorse the revisions upon first read.**

[Issue Tracking: Gas Pipeline Contingencies](#)

4. Transmission Owner Data Sharing for Reliability Studies (10:30-10:40)

Mr. Jordan Shenk will present proposed revisions to the Operating Agreement clarifying the requirements for sharing forecasted unit commitment data to Transmission Owners for reliability studies. The committee will be asked to endorse these changes at its next meeting.

5. Competitive Transmission Proposal Fee (10:40-11:00)

Mr. Mark Sims will review revisions to the Operating Agreement to implement changes to the competitive transmission proposal fee structure. The committee will be asked to endorse these changes at its next meeting.

6. FTR Product Range and Auction Process (11:00-11:15)

Mr. Brian Chmielewski will review proposed revisions to the Operating Agreement and Manual 6: Financial Transmission Rights related to the Financial Risk Mitigation Senior Task Force (FRMSTF) endorsed solution package for FTR Product Range and Auction Process. The committee will be asked to endorse the revisions at its next meeting.

7. Modeling Generation Senior Task Force (MGSTF) (11:15-11:30)

Mr. Stan Williams will provide an overview of the Modeling Generation Senior Task Force recommended long-term implementation plan with near-term implementation proposals. The committee will be asked to endorse the proposed solution packages at its next meeting.

8. Opportunity Cost Calculator (11:30-11:55)

Mr. Glen Boyle will provide an overview of the Opportunity Cost Calculator proposals as endorsed by the Market Implementation Committee. The committee will be asked to endorse the proposed solution packages at its next meeting.

[Issue Tracking: Opportunity Cost Calculator](#)

9. PJM Manuals (11:55-12:25)

- A. Mr. Lagy Mathew will review the proposed revisions to PJM Manual 3: Transmission Operations resulting from the bi-annual review to update operating procedures. The committee will be asked to endorse the revisions at its next meeting.
- B. Mr. David Kimmel will review preliminary proposed changes to the 2020 Day Ahead Scheduling Reserve (DASR) requirement. The final 2020 DASR value will be incorporated into PJM Manual 13: Emergency Operations. The committee will be asked to endorse the revisions at its next meeting.
- C. Mr. Vince Stefanowicz will review the proposed revisions to PJM Manual 14D: Generator Operational Requirements to add guidance associated with Distributed Energy Resource ride-through. The Operating Committee will be asked to endorse the revisions at its next meeting.
- D. Mr. Mark Sims will review the Comparative Cost Framework proposed revisions to PJM Manual 14F: Competitive Planning Process related to the cost commitment process. The committee will be asked to endorse the revisions at its next meeting.
- E. Mr. Thomas Hauske will review conforming revisions to Manual 15: Cost Development Guidelines consistent with the May 10, 2019 VOM Compliance Filing that was recently accepted by FERC. The committee will be asked to endorse the manual revisions at its next meeting.
- F. Mr. Pat Bruno will review conforming revisions to Manual 18: PJM Capacity Market related to the recent FERC Order (ER19-2417) on RPM must-offer exceptions and removal of Capacity Resource status. The committee will be asked to endorse the revisions at its next meeting.
- G. Mr. John Reynolds will present revisions to PJM Manual 19 related to a periodic review and forecast documentation. The committee will be asked to endorse the revisions at its next meeting.

Informational Reports (12:25:12:45)

10. FERC Order EL08-14 (12:25-12:35)

Mr. Stan Williams will provide an update on PJM's plans to move forward in response to FERC Order EL08-14 related to Marginal Line Loss.

11. Governing Document Enhancement and Clarifications Updates (12:35-12:45)

Mr. Mark J. Stanisz will provide a review of non-substantive changes to standardize governing document cross-references in the Tariff, Operating Agreement and RAA. Following consultation with the GDECS, this committee and the Members Committee may be asked to endorse/approve these changes at the December 5, 2019 meetings.

Informational Postings Only

None

Future Agenda Items (12:45)

Future Meeting Dates

December 5, 2019	9:00 a.m.	PJM Conference & Training Center/ WebEx
December 19, 2019	9:00 a.m.	PJM Conference & Training Center/ WebEx

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 Question</p> <ul style="list-style-type: none"> • Entering *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>To link your teleconference connection (audio presence) to your WebEx presence, please dial *29 and enter your Personal Identification Number. Once you are logged in to the WebEx, this PIN can be found under the "Meeting Info" tab of your WebEx window.</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.*

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.