

Markets and Reliability Committee
PJM Conference and Training Center, Valley Forge, PA
March 26, 2020
9:00 a.m. – 12:00 p.m. EPT

Administration (9:00-9:45)

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

PJM Compliance Line (9:10-9:15)

Dr. Ake Almgren will introduce a PJM Compliance Line available to stakeholders.

PJM MOPR Compliance Filing (9:15-9:45)

Ms. Lisa Morelli will discuss PJM's MOPR compliance filing made on March 18, 2020.

[Issue Tracking: Capacity Market Minimum Offer Price Rule \(MOPR\) Order](#)

Consent Agenda (9:45-9:50)

- A. **Approve** minutes of the February 20, 2020 meeting of the Markets and Reliability Committee (MRC).
- B. **Endorse** proposed revisions to Manual 12: Balancing Operations including a manual reference resulting from the periodic manual review.
- C. **Endorse** proposed revisions to Manual 13: Emergency Operations to incorporate revisions resulting from the periodic manual review.
- D. **Endorse** proposed revisions to Manual 14A: New Services Request Process, Manual 14E: Upgrade and Transmission Interconnection Requests, and Manual 14G: Generation Interconnection Requests to incorporate changes related to FERC Order 845: Reform of Generator Interconnection Procedures and Agreements.
- E. **Endorse** proposed revisions to Manual 22: Generator Resource Performance Indices including updates to acronyms, definitions, and the inclusion of notes.
- F. **Endorse** proposed revisions to Manual 33: Administrative Services for the PJM Interconnection Operating Agreement to incorporate information regarding CAM roles and responsibilities.
- G. **Endorse** proposed revisions to Manual 37: Reliability Coordination to incorporate updates from the manual periodic review including updated references and links.

Endorsements/Approvals (9:50-10:35)

1. Opportunity Cost Calculator (9:50-10:05)

Mr. Glen Boyle will review an Opportunity Cost Calculator proposal and proposed revisions to Manual 15. **The committee will be asked to endorse the proposed changes. Members Committee endorsement will be sought on the same day.**

[Issue Tracking: Opportunity Cost Calculator](#)

2. Market Participation Risk Evaluation Enhancements (10:05-10:35)

Ms. Nigeria Bloczynski will provide an update on the proposed Operating Agreement (OA) and Tariff revisions associated the Market Participant Risk Evaluation and Enhancement solution package endorsed by the Financial Risk Mitigation Sr. Task Force (FRMSTF). **The committee will be asked to approve/endorse the proposed revisions. Members Committee approval/endorsement will be sought on the same day.**

[Issue Tracking: Financial Risk Mitigation](#)

First Readings (10:35-11:30)

3. Storage Related Issues (10:35-11:20)

A. Ms. Jennifer Tribulski will provide background context regarding storage related issues.

B. Mr. Andrew Levitt will review an Issue Charge to address the Effective Load Carrying Capability (ELCC) for limited duration resources and Intermittent Resources. **The committee will be asked to endorse the Issue Charge upon its first reading.**

C. Mr. Scott Baker will review an Issue Charge to addressing Hybrid Resources. The committee will be asked to endorse the Issue Charge at its next meeting.

4. Governing Document Enhancement & Clarification Subcommittee Update (11:20-11:30)

Mr. Rami Dirani will review proposed administrative revisions to the PJM Tariff, OA and Reliability Assurance Agreement (RAA) as considered within the Governing Document Enhancement & Clarification Subcommittee (GDECS). The committee will be asked to approve/endorse the proposed revisions at its next meeting.

Informational Reports (11:30-12:00)

5. Special OC/MIC: Fuel Requirements for Black Start Resources Update (11:30-11:40)

Ms. Janell Fabiano will provide an update on the status of the Special OC/MIC Fuel Requirements for Black Start Resources.

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

6. PJM Load Forecast Update (11:40-12:00)

Mr. Chris Pilog and Mr. Tom Falin will provide an update regarding short and long-term load forecasts.

Informational Postings Only

None

Future Agenda Items (12:00)

Future Meeting Dates

April 30, 2020	9:00 a.m.	PJM Conference & Training Center/ WebEx
May 28, 2020	9:00 a.m.	PJM Conference & Training Center/ WebEx
June 18, 2020	9:00 a.m.	PJM Conference & Training Center/ WebEx
July 23, 2020	9:00 a.m.	PJM Conference & Training Center/ WebEx
August 20, 2020	9:00 a.m.	PJM Conference & Training Center/ WebEx
September 17, 2020	9:00 a.m.	PJM Conference & Training Center/ WebEx
October 29, 2020	9:00 a.m.	PJM Conference & Training Center/ WebEx
November 19, 2020	9:00 a.m.	PJM Conference & Training Center/ WebEx
December 17, 2020	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>	

<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.*

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 Visit learn.pjm.com, an easy-to-understand resource about the power industry and PJM's role.