

Markets and Reliability Committee
PJM Conference and Training Center, Valley Forge, PA
July 25, 2019
9:00 a.m. – 12:00 p.m. EPT

Administration (9:00-9:20)

Welcome, announcements and Anti-trust and Code of Conduct announcement – Ms. Denise Foster and Mr. Dave Anders

Ms. Susan Riley, PJM's Interim President and CEO, will provide remarks.

Consent Agenda (9:20-9:25)

- A. **Approve** minutes of the June 25, 2019 meeting of the Markets and Reliability Committee (MRC).
- B. **Endorse** proposed changes to PJM Manual 13: Emergency Operations in regards to Resource Limitation Reporting.
- C. **Endorse** proposed revisions to PJM Manual 18: PJM Capacity Market resulting from the periodic review.
- D. **Endorse** proposed revisions to PJM Manual 21: Rules & Procedures for Determination of Generating Capability to include more explicit explanations and some omitted testing criteria.
- E. **Endorse** proposed revisions to PJM Manual 28: Operating Agreement Accounting resulting from the periodic review.
- F. **Endorse** proposed changes to PJM Manual 39: Nuclear Plant Interface Coordination resulting from the periodic review with the Nuclear Generators Owners User Group (NGOUG).

Endorsements/Approvals (9:25-10:35)

1. PJM Manual 14B Amendments (9:25-10:25)

- A. Mr. Aaron Berner will report on the status of Planning Committee activities related to PJM Manual 14B: Regional Transmission Planning Process.
- B. Ms. Sharon Segner, will review proposed revisions to PJM Manual 14B: Regional Transmission Planning Process. This item was previously presented to the MRC for endorsement at the April 25 meeting, but was deferred back to the PC for further discussion. **The committee will be asked to endorse these revisions. Ms. Segner will move to defer endorsement until the August MRC.**

2. Stakeholder Process Task Force Sunset (10:25-10:35)

Mr. Dave Anders will present the Energy Price Formation Senior Task Force (EPFSTF) and Energy Market Uplift Senior Task Force (EMUSTF) for sunset. **The committee will be asked to endorse the task force sunsetting upon first read.**

[Issue Tracking: Energy Price Formation](#)

[Issue Tracking: Energy Market Uplift Cost](#)

[Issue Tracking: Review of Virtual Transaction Rules](#)

[Issue Tracking: Up To Congestion Transactions Financial and Node Limitation](#)

First Readings (10:35-11:25)

3. PJM Manuals (10:35-11:15)

- A. Mr. Vince Stefanowicz will review the proposed changes to PJM Manual 10: Pre-Scheduling Operations in regards to generator outage reporting. The committee will be asked to endorse these changes at its next meeting.
- B. Ms. Laura Walter will review changes to Manual 11 – Energy & Ancillary Services Market Operations and Manual 18 – PJM Capacity Market, related to the FERC Order 841 compliance filing, and changes to Manual 15 – Cost Development Guidelines related to cost offers for batteries and flywheels. The committee will be asked to endorse the manual revisions at its next meeting.
[Issue Tracking: Electric Storage Participation FERC Order 841](#)
- C. Ms. Terri Esterly will review proposed revisions to PJM Manual 18B: Energy Efficiency Measurement & Verification resulting from the periodic review. The committee will be asked to endorse the manual revisions at its next meeting.

4. Region Transmission Planning Process (RTEP) Operating Agreement (OA) Revisions (11:15-11:25)

Mr. Greg Poulos, on behalf of ~~certain Consumer Advocates~~ the Office of the People's Counsel for the District of Columbia, will present a first read of proposed revisions related to updates to the RTEP. The committee may be asked to endorse the proposed revisions at a future meeting.

Informational Reports (11:25-12:00)

- 5. Mr. Stan Williams will provide an update on the recent FERC Order EL08-14 related to Marginal Line Loss.
- 6. Mr. Stan Williams will provide an update on the Modeling Generation Senior Task Force including a stakeholder recommended long-term implementation plan.

Informational Posting Only

Stakeholder Notice on Proposed Amendments to Schedule 12 of the PJM Tariff

Pursuant to section 7.3.2 of the Consolidated Transmission Owners Agreement (“CTOA”), the CTOA Administrative Committee hereby initiates consultation with the PJM Members Committee with regard to a proposed change to Schedule 12 of the PJM Interconnection, L.L.C. (“PJM”) Tariff. As discussed herein, the PJM Transmission Owners are proposing revisions to Schedule 12, section (b)(xviii), which governs the assignment of cost responsibility for Required Transmission Enhancements that relieve stability related reliability issues (“Stability Projects”) for inclusion in the PJM Regional Transmission Planning Process (“RTEP”).

The PJM Transmission Owners have included as Attachment A to this stakeholder notice a revised version of Schedule 12, section (b)(xviii) showing the proposed changes. The PJM Transmission Owners are proposing that the proposed revisions be made effective 60 days after filing.

Written comments on the proposed provisions may be submitted for consideration by email to: [Comments for Transmission Owners@pjm.com](mailto:Comments_for_Transmission_Owners@pjm.com) on or before **August 5, 2019**.

Stakeholder Notice and Member Action: Liaison Committee Attendance and Registration

PJM Interconnection has adopted a proactive approach to enforce Liaison Committee (LC) meeting attendance as captured in the LC Charter. The changes documented in the posted notification provide greater efficiencies in securing the attendance process and take effect with registrations for the July 29th Liaison Committee meeting.

PJM Member action is requested now to ensure a seamless transition and to avoid LC attendance disruption.

As a reminder, attendance at the Liaison Committee, both in-person and on the phone, is limited to the PJM Board, the LC Membership, PJM Members, the LC Secretary, and PJM A/V staff. Non-members, including PJM staff, the IMM, state commission representatives and FERC may not attend.

Future Agenda Items (12:00)

Future Meeting Dates

August 22, 2019	9:00 a.m.	Valley Forge, PA
September 26, 2019	9:00 a.m.	Valley Forge, PA
October 31, 2019	9:00 a.m.	Valley Forge, PA
December 5, 2019	9:00 a.m.	Valley Forge, PA
December 19, 2019	9:00 a.m.	Valley Forge, PA

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: 10px;"> <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: 10px;"> <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

1. Join meeting in the WebEx desktop client
2. Enter name (*First and Last**) and corporate email
3. Under “Select Audio Option” select “Call Me” option from the dropdown menu

**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.