

**Planning Committee**  
**PJM Conference and Training Center**  
**March 10, 2020**  
**9:00 a.m. – 11:00 a.m. EPT**

## Administration (9:00-9:10)

1. Welcome, announcements and review of the Anti-trust, Code of Conduct, and Media Participation Guidelines.
2. Approve Planning Committee (PC) Agenda for this meeting
3. Approve draft minutes from the February 4<sup>th</sup>, 2020 PC meeting

## Endorsements (9:10-10:00)

4. **Manual 22 Updates**  
Mr. Jerry Bell, PJM, will present updates to Manual 22 Generator Resource Performance Indices. **The Committee will be requested to endorse these updates at today's meeting.**
5. **Manual 14A/14E/14G Updates**  
Ms. Onyinye Caven, PJM, will present updates to Manual 14A, Manual 14E, and Manual 14G in relation to the recent FERC 845 ruling. **The Committee will be requested to endorse these updates at today's meeting.**
6. **Market Efficiency Process Enhancement Task Force Update**  
Mr. Jack Thomas, PJM, will review the work completed at the Market Efficiency Process Enhancement Task Force. **The Committee will be asked to vote on the packages at today's meeting.**

## First Reads

## Informational Updates (10:00-11:00)

7. **FERC Order 845 Update**  
Ms. Susan McGill, PJM, will review the changes proposed by PJM in the February 21, 2020 compliance filing.
8. **Update on Effective Load Carrying Capability for Limited and Variable Resources**  
Mr. Andrew Levitt, PJM, will provide an update on a problem statement/issue charge that will be presented to the Markets and Reliability Committee for Effective Load Carrying Capability.
9. **Storage as Transmission**  
Mr. Jeff Goldberg, PJM, will provide an update on PJM's efforts regarding storage as transmission.

## 10. Critical Infrastructure Stakeholder Oversight Update

Ms. Christina Stotesbury, PJM, will discuss the work being done at the Critical Infrastructure Stakeholder Oversight Special Planning Committee sessions.

## 11. Reliability Compliance Update

Mr. Preston Walker, PJM, will provide an update on the activities, issues and items of interest at NERC, SERC, and RF.

## 12. Planning Resilience Update

- a. Mr. Shaun Murphy, PJM, will discuss PJM's use of Phasor Measurement Units (PMUs) in Operations and Planning.
- b. Ms. Grace Niu, PJM, will present an update on PJM's efforts surrounding the incorporation of resilience testing in the 2025 RTEP.

## Informational Posting

### Model Build Activity Update

- The 2020 series RTEP Trial 3 powerflow cases and associated files are being reviewed by PJM staff and the Transmission Owners. PJM is incorporating the feedback received from the Transmission Owners for the 2020 series RTEP short circuit case, the 5 year case will be sent to the Transmission Owners for review on Friday March 6, 2020.
- The MMWG will hold its first meeting March 11-12. For the 2020 series powerflow cases, PJM will submit a request for Transmission Owners to update existing projects, upload new projects, and update base case in Model-on-Demand on March 27, 2020. The Transmission Owners will have until April 3, 2020 to make the necessary updates in Model-on-Demand.

### MOD-032 Update

- The Gen Model window will open May 1 and remain open through June 15. Generator Owners have the option of using data submitted in previous years to prepopulate the 2020 forms. Gen Model link: <https://pjm.com/planning/services-requests/planning-modeling-submission-mod-032.aspx>; for any questions or comments email [MOD-032@pjm.com](mailto:MOD-032@pjm.com)

### 2019 RTEP Report

PJM is notifying stakeholders that the 2019 RTEP Report has been published on PJM.com and can be viewed here: <http://www.pjm.com/library/reports-notices/rtep-documents.aspx>

### System Planning 201 Course

The next System Planning 201 course will be held on Monday, March 16<sup>th</sup>. Please visit the link below to register: <https://www.pjm.com/Calendar-Events/PJM-Calendars/Training-Events/2020/March/16/ip-sysplan-201.aspx>

## Future Meeting Dates

Friday, April 3, 2020	1:00 p.m. – 4:00 p.m.	Special PC: Critical Infrastructure	PJM Conference & Training Center/ WebEx
Tuesday, April 14, 2020	9:00 a.m. – 12:00 p.m.	Planning Committee	PJM Conference & Training Center/ WebEx
Tuesday, April 28, 2020	1:00 p.m. – 4:00 p.m.	Special PC: Critical Infrastructure	PJM Conference & Training Center/ WebEx

Tuesday, May 12, 2020	9:00 a.m. – 12:00 p.m.	Planning Committee	PJM Conference & Training Center/ WebEx
Tuesday, June 02, 2020	9:00 a.m. – 12:00 p.m.	Planning Committee	PJM Conference & Training Center/ WebEx
Tuesday, July 07, 2020	9:00 a.m. – 12:00 p.m.	Planning Committee	PJM Conference & Training Center/ WebEx
Tuesday, August 04, 2020	9:00 a.m. – 12:00 p.m.	Planning Committee	PJM Conference & Training Center/ WebEx
Tuesday, September 01, 2020	9:00 a.m. – 12:00 p.m.	Planning Committee	PJM Conference & Training Center/ WebEx
Tuesday, October 06, 2020	9:00 a.m. – 12:00 p.m.	Planning Committee	PJM Conference & Training Center/ WebEx
Wednesday, November 04, 2020	9:00 a.m. – 12:00 p.m.	Planning Committee	PJM Conference & Training Center/ WebEx
Tuesday, December 01, 2020	9:00 a.m. – 12:00 p.m.	Planning Committee	PJM Conference & Training Center/ WebEx

Author: Molly Mooney

**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><b>*1</b></p> <p>To enter the question queue (does not work during a vote)</p> </div> <div style="text-align: center;"> <p><b>*2</b></p> <p>To be removed from the question queue</p> </div> </div> <div style="text-align: center; margin-top: 20px;"> <p><b>*0</b></p> <p>To signal for PJM support staff assistance</p> </div>	<p>Please log-in to the voting application at <a href="https://voting.pjm.com">voting.pjm.com</a>, 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><b>*7</b></p> <p>Yes</p> </div> <div style="text-align: center;"> <p><b>*8</b></p> <p>No</p> </div> </div> <div style="display: flex; justify-content: space-around; margin-top: 20px;"> <div style="text-align: center;"> <p><b>*9</b></p> <p>Abstain</p> </div> <div style="text-align: center;"> <p><b>*0</b></p> <p>To signal for PJM support staff assistance</p> </div> </div>
<p><b>Asking Question</b></p> <ul style="list-style-type: none"> <li>• 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.</li> <li>• Questions are taken during the meeting when natural breaks occur and are asked in the order they are received.</li> </ul>	
<p><b>Linking Teleconference Connection to WebEx</b></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>	

<b>Join a Meeting</b>	<ol style="list-style-type: none"> <li>1. Join meeting in the WebEx desktop client</li> <li>2. Enter name (<i>First and Last*</i>) and corporate email</li> <li>3. Under "Select Audio Option" select "Call Me" option from the dropdown menu</li> </ol>
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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](https://learn.pjm.com), an easy-to-understand resource about the power industry and PJM's role.