

## Joint System Operations Subcommittee – Generation and Transmission

March 19, 2020

2:00 p.m. EDT

Member Relations Contact Information (<https://pjm.com/en/about-pjm/who-we-are/contact-us>):

- Member Community (Preferred)
- Email at [custsvc@pjm.com](mailto:custsvc@pjm.com)
- Call at 610-666-8980

### Administration (14:00-14:05)

1. Future format

### Review of PJM's Implemented and Future Pandemic Response Plan (14:05-14:10)

2. Mr. Heffentrager reviewed the actions PJM took so far to impede the spread of COVID-19.
  - a. Incident response team is meeting daily
  - b. PJM has a dedicated liaison to the county's Emergency Operations Center
  - c. On weekly basis, PJM will reassess the situation looking at the next two weeks
  - d. PJM has implemented company-wide telecommuting for all non-essential personnel
  - e. PJM Operators have been isolated from all support staff
  - f. Control rooms are disinfected daily
  - g. Dispatch moving to longer shifts starting Saturday March 21

### Transmission Outages (14:10-14:15)

3. Mr. Bielak discussed the potential effect on transmission outages.
  - a. Transmission Operations Department is reaching out to TOs to coordinate any required reschedules
  - b. TOs will continue to evaluate and prioritize their own work. PJM will not request that transmission outages be canceled because of impacts from the virus but will work with TOs to reschedule them if staffing is not available
    - Lowest priority outages should be rescheduled first

### Generation Availability and Maintenance Outages (14:15-14:20)

4. Mr. Schweizer discussed generation availability and maintenance outages.
  - a. Parameter Limited Schedule exception process should be utilized if staffing becomes unavailable and other arrangements can't be made
  - b. Use the PJM Generation Department hotline, [GenOutageCoordination@pjm.com](mailto:GenOutageCoordination@pjm.com), to communicate early and often as these conditions change rapidly
  - c. PJM has no plans to rescind approval of scheduled generation outages
  - d. PJM does not allow planned outages during summer peak periods and is not planning to relax that business rule. PJM will work with impacted units to either defer the outage to the fall or split the

- outage between spring and fall. PJM is open to using the Maintenance Outages category, instead of Planned Outage, to find opportune times to perform unit work during the peak summer period
- e. PJM will send out a link to an eDART survey, which will allow members to share longer-term concerns

## Gas Pipeline Coordination (14:20-14:25)

5. Mr. Schweizer provided an update on the efforts of PJM's Gas Electric Coordination team.
  - a. PJM is establishing a standing call with gas pipelines and extended it to other ISOs/RTOs throughout the U.S. and Canada
  - b. PJM will continue to review pipeline outages scheduled for spring and early summer, the typical gas pipeline peak maintenance period, and will continue to work with the pipelines to minimize the impact on PJM generators

## COVID-19 Prevention Best Practices (14:25-14:30)

6. Mr. McGlynn discussed PJM's Best Practices document.
  - a. The document is available on the SOS Meeting Materials for the March 19 meeting and will be updated frequently. PJM is looking for feedback from members to expand the content of the document
  - b. A number of industry groups PJM has been participating in are developing similar documents. We will post them once they become available

## Waivers and Communication with State and Federal Agencies (14:30-14:35)

7. Mr. Bryson discussed PJM's efforts to coordinate with industry entities, such as ESCC, and state and federal agencies.
  - a. Manual 13 Attachment M should be used for emission waiver requests
  - b. Curfews have been implemented in some areas, including New Jersey

## Demand Response Outreach (14:35-14:40)

8. Mr. Langbein discussed the outreach PJM has been doing with Demand Response resources. Per the current rules, DR must update PJM with up-to-date numbers. Those numbers are available to PJM System Operations to use.

## Load Forecast (14:40-14:45)

9. Ms. Anastasio reviewed load forecast in light of the social distancing measures that have been put in place across the PJM footprint.
  - a. Peak load hours have been impacted by change in people's behavior. The morning peak has been occurring an hour or two later than typical
  - b. The current season will help reduce the impact to the load as loads are usually lower during the Spring

- c. EPRI released a report about the impacts on load in Italy, PJM is also experiencing load impacts of a lesser extent thus far.

## Operator Certification (14:45-14:50)

10. Mr. Hoke provided an update on the PJM seminar and how PJM can help member operators meet their certification requirements in the short term.
  - a. PJM has cancelled the Columbus portion of the seminar which was scheduled for week of March 31, April 7, 14, and 21
  - b. PSI, the PJM and NERC testing center, will close March 20 – April 13. PSI will reach out to affected operators that were scheduled to take their test. Third party testing sites are not affected at this time. See PSI site for more information: <https://www.psonline.com/important-notice-update-concerning-covid-19-coronavirus/>
  - c. Contact PJM training at [TrainingSupport@pjm.com](mailto:TrainingSupport@pjm.com) if member operators need CEH opportunities to maintain their certification
  - d. PJM is considering to provide a 2-day simulation only event later in the year. Additional information will be shared once a decision has been made.

## Informational: Critical and Stakeholder Communication Tools

Critical Communication Tools: For critical communication tools consult Manual 13 Section 4.4.3: Loss of all telecommunications

- NERC Reliability Guideline: Generating Unit Operations during Complete Loss of Communications V3.0 ([https://www.nerc.com/comm/OC\\_Reliability\\_Guidelines\\_DL/Generating\\_Loss\\_of\\_Communications\\_Reliability\\_Guideline\\_v3.pdf](https://www.nerc.com/comm/OC_Reliability_Guidelines_DL/Generating_Loss_of_Communications_Reliability_Guideline_v3.pdf))

Stakeholder Communication Tools: PJM is made aware if issues arise with Cisco supported tools.

### What to Do If Issues Arise with the Webex Meeting Service

- PJM AV will monitor Webex throughout the meeting to ensure everything is running properly and will communicate with the Facilitator and Secretary should issues come up
  - If an active stakeholder WebEx meeting goes down:
    - Anyone who joined audio with the “call me” feature will remain on the call
    - Anyone who joined audio with the “call in” feature will remain on the call
    - Anyone who joined audio with the “Use computer for audio” feature will be disconnected from the call
    - The participants that were disconnected from the call would need to dial back in using the teleconference number and passcode
    - Operator assisted meetings would remain on the call
  - If WebEx is down when trying to join a new stakeholder meeting
    - Everyone would need to dial into the meeting using the teleconference number and passcode
    - You would not have access to “Use computer for audio”
    - You would not have access to “call me”
- If both WebEx Meetings and WebEx Telephony were to go down at the same time, the meeting would not be able to continue until services were back up.

## Operator assisted calls are hosted by a different service than Webex, so would not be impacted by issues with WebEx

Author: Paul Dajewski

### 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.

<p><b>On the Phone Dial</b></p>  <p>Mute / Unmute</p>	<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>
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<p><b>Join a Meeting</b></p>	<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](http://learn.pjm.com), an easy-to-understand resource about the power industry and PJM's role.