

Distributed Energy Resources Subcommittee PJM Conference and Training Center March 26, 2018 9:00 a.m. – 3:00 p.m. EDT

<u>Distributed Energy Resource (DER)</u> is a generation or electric energy storage resource connected at distribution voltages and/or connected behind a load meter.

Administration

- 1. Mr. Baker will call the meeting to order, review the agenda and ask for amendments to the agenda.
- 2. Mr. Gledhill will review meeting participation guidelines and the minutes from the March 2nd meeting of the Distributed Energy Resources Subcommittee. Attendance will be taken offline from a combination of in-person and WebEx attendees.

Polling Review (9:15 – 10:00)

3. Mr. Baker will review results from a stakeholder poll and discuss next steps for W-DER wholesale market participation rules.

Education (10:00 - 11:00)

- 4. Mr. David Egan, PJM, will discuss FERC Order 807 with respect to "pigtail" and single wire DER.
- 5. PSEG will discuss technical considerations regarding the "pigtail" configuration.

Solution Options Review (11:00 – 11:45)

6. Mr. Tom Rutigliano, representing Icetec, will discuss an accounting proposal for wholesale energy storage that has the ability to directly serve load, either behind a customer's meter or via "pigtail".

Non-Wholesale DER Observability (12:45 – 2:30)

7. Mr. Pete Langbein, PJM, and stakeholders will begin development of a solutions matrix for this issue, starting with interest development, design components, and solution options.

DER Inverter Ride Through Update (2:30 – 2:45)

8. Mr. Andrew Levitt will discuss results from a workshop organized by PJM on the IEEE 1547–2018 standard that requires voltage and frequency ride through from inverter-based resources.

Wrap-up and Future Agenda Items (2:45 – 3:00)

9. Mr. Baker will summarize action items and discuss agenda items for the next meeting.

Future Meeting Dates

9:00 a.m. - 3:00 p.m.

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April 25, 2018



June 8, 2018 June 29, 2018 July 30, 2018 August 27, 2018 October 4, 2018 October 31, 2018 November 30, 2018 9:00 a.m. - 3:00 p.m. PJM Conference & Training Center/ WebEx PJM Conference & Training Center/ WebEx

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Antitrust:

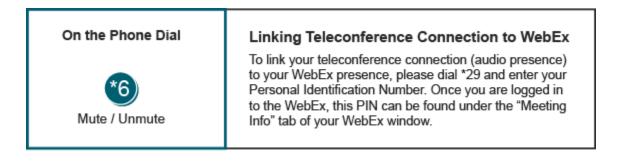
You may not discuss any topics that violate, or that might appear to violate, the antitrust laws including but not limited to agreements between or among competitors regarding prices, bid and offer practices, availability of service, product design, terms of sale, division of markets, allocation of customers 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 stakeholder meetings for internal and training purposes, and your participation at such meetings indicates your consent to the same.



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