

Agenda



Distributed Energy Resources Subcommittee PJM Conference and Training Center January 5, 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 (9:00 - 9:15)

- 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 December 15th meeting of the Distributed Energy Resources Subcommittee. Attendance will be taken offline from a combination of in-person and WebEx attendees.
- 3. Mr. Baker will review modifications to the 2018 Work Plan from the last meeting.

Wholesale DER Market Rules (9:15 – 12:00; 1:00 – 2:00)

- 4. Andrew Levitt, PJM, will review PJM staff's proposal on accounting for W-DER that is co-located behind the customer meter with additional W-DER or wholesale Demand Response.
- 5. Intro to implications for capacity market participation
 - a. PJM staff will discuss PLC reduction vs. PLC sellback
 - b. Cost-based offers / Fuel Cost policy Melissa Pilong, PJM, will provide education of status quo and 'principles'. Skyler Marzewski, Monitoring Analytics, will provide additional discussion related to Demand Response offers.
- 6. Tom Rutigliano, Icetec, will present an updated proposal on market rules for combined wholesale DER, retail DER, and load response resources.

DER Interconnection Process (1:00 - 2:00)

7. Hold for discussion about operational requirements in the WMPA

Deferred

PJM©2017



Agenda



Non-wholesale DER Observability (2:00 – 2:45)

8. Pete Langbein, PJM, will provide an introduction to the topic of non-wholesale DER observability, PJM's interest in this topic, and information about existing efforts by PJM to gain greater situational awareness of non-wholesale DER.

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

January 26, 2018 (Education Session)	1:00 p.m. – 3:00 p.m.	WebEx
January 31, 2018	9:00 a.m. – 3:00 p.m.	PJM Conference & Training Center/ WebEx
March 2, 2018	9:00 a.m. – 3:00 p.m.	PJM Conference & Training Center/ WebEx
April 25, 2018	9:00 a.m. – 3:00 p.m.	PJM Conference & Training Center/ WebEx
June 8, 2018	9:00 a.m. – 3:00 p.m.	PJM Conference & Training Center/ WebEx
June 29, 2018	9:00 a.m. – 3:00 p.m.	PJM Conference & Training Center/ WebEx
July 30, 2018	9:00 a.m. – 3:00 p.m.	PJM Conference & Training Center/ WebEx
August 27, 2018	9:00 a.m. – 3:00 p.m.	PJM Conference & Training Center/ WebEx
October 4, 2018	9:00 a.m. – 3:00 p.m.	PJM Conference & Training Center/ WebEx
October 31, 2018	9:00 a.m. – 3:00 p.m.	PJM Conference & Training Center/ WebEx
November 30, 2018	9:00 a.m. – 3:00 p.m.	PJM Conference & Training Center/ WebEx

Author: Andrew Gledhill

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.

On the Phone Dial



Mute / Unmute

Linking Teleconference Connection to WebEx

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.

PJM©2017 2



Agenda



Provide feedback on the progress of this group: <u>Facilitator Feedback Form</u>
Visit <u>learn.pjm.com</u>, an easy-to-understand resource about the power industry and PJM's role.

PJM©2017 3