

Emerging Technologies Forum

Energy Transition and Energy Storage: Can we have one without the other?

Teleconference/WebEx Only

March 16, 2023

9:00 a.m. – 12:00 p.m. EPT

Administration (9:00-9:10)

1. Chris Callaghan, facilitator, and Ed Kovler, acting secretary, will open the meeting, review the meeting/media participation guidelines, review minutes from the last meeting, and review the agenda.

Opening (9:10-9:30)

2. Danielle Croop, PJM, will discuss PJM's outlook on the energy transition and where storage can play a role.

3. Panel Discussion (9:30-10:45)

Advancing Storage Applications in ISO/RTOs – Where are we 5 to 10 years from now?	
Moderator: Walter Graf, PJM, Senior Director, Economics	
<i>Challenges and opportunities operating a 4,000+MW fleet of batteries</i>	Gabe Murtaugh, CAISO, Storage Sector Manager
<i>Implementing the Virginia Clean Economy Act storage mandate</i>	Brandon Martin, Dominion Energy, Manager of Business Development, Energy Storage
<i>Emerging use cases and applications for storage</i>	Kiran Kumaraswamy, Fluence, VP of Growth and Head of Commercial
<i>Question & Answer Session</i>	Panel, Moderator, and Attendees


Break (10:45-11:00)

Moderated Discussion (11:00-11:45)

4. Scott Baker, PJM, will moderate a discussion with Jonathon Glass, Technology to Market Advisor at ARPA-E, on investing in breakthrough storage technology.

Wrap up – Action Items and Future Agenda Topics (11:45-12:00)

The facilitation team will review action items from the meeting and take requests for future agenda items.

Future Meeting Dates and Materials			Materials Due to Secretary 	Materials Published
Date	Time	Location		
June 2, 2023	9:00-12:00	WebEx	May 25, 2023	May 30, 2023
September 13, 2023	9:00-12:00	WebEx	Sept. 5, 2023	Sept. 8, 2023
December 12, 2023	9:00-12:00	WebEx	Dec. 4, 2023	Dec. 7, 2023

Author: Joseph Tutino

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.

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to Mute/Unmute

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