

Markets & Reliability Committees
PJM Conference and Training Center, Audubon, PA / WebEx
April 26, 2023
9:00 a.m. – 12:30 p.m. EPT

Administration (9:00-9:10)

1. Stu Bresler and David Anders welcomed stakeholders and provided the Anti-trust, Code of Conduct, and Meeting Participation announcements.
2. David Anders provided an update on the upcoming logistics pertaining to the upcoming Board of Managers election at the PJM Annual Meeting.

Kate Patt reminded Members of the April 30, 2023 deadline for Officer Certification.

Consent Agenda (9:10-9:15)

Items A and B were **approved/endorsed** by acclamation with no objections or abstentions:

- A. Minutes of the March 22, 2023 meeting of the Markets and Reliability Committee (MRC).
- B. Proposed revisions to Manual 01: Control Center and Data Exchange Requirements, Manual 13: Emergency Operations, and Manual 36: System Restoration associated with future EMS updates and to meet NERC Certification obligations.

Endorsements (9:15-10:50)

3. Manual 11 Revisions (9:15-9:40)

Joey Tutino reviewed proposed revisions to Manual 11: Energy & Ancillary Services Market Operations resulting from its periodic review. Following discussion, the proposed revisions were **endorsed** by acclamation with no objections or abstentions.

4. Renewable Dispatch (9:40-10:05)

Darrell Frogg reviewed a proposed solution package addressing Renewable Dispatch. The proposed solution and corresponding Tariff and Operating Agreement revisions were **endorsed** by acclamation with no objections or abstentions.

[Issue Tracking: Renewable Dispatch](#)

5. Capacity Performance Penalties (10:05-10:50)

- A. Marji Philips and Tom Hoatson, LS Power, discussed a proposed Quick Fix Problem Statement, Issue Charge, and posted amended solution addressing Capacity Performance (CP) penalties. He noted further amendments from the posted proposed solution to change the Non-Performance Charge Rate to be equal to the BRA Clearing Price.
- B. Lynn Horning, American Municipal Power, presented a proposed alternate solution addressing Capacity Performance (CP) penalties.

- C. Joe Bowring, IMM, presented a proposed alternate Quick Fix Issue Charge and solution addressing CP penalties.

Following discussion, voting on the proposals was moved to a new Special MRC meeting to be scheduled on May 4, 2023.

First Readings (10:50-11:35)

6. Manuals (10:50-11:35)

- A. Dean Manno reviewed proposed revisions to Manual 03: Transmission Operations as a part of its periodic review. The committee will be asked to endorse the proposed revisions at its next meeting.
- B. Lauren Strella-Wahba reviewed proposed revisions to Manual 11: Energy & Ancillary Services Market Operations on Real-time Values as part of the periodic review. The committee will be asked to endorse the proposed revisions at its next meeting.
- C. Vijay Shah reviewed conforming revisions to Manual 11: Energy & Ancillary Services Market Operations for the approved Transmission Constraint Penalty Factor solution package. The committee will be asked to endorse the proposed revisions at its next meeting.
[Issue Tracking: Operating Reserve Demand Curve \(ORDC\) & Transmission Constraint Penalty Factors](#)
- D. Zhenyu Fan reviewed conforming revisions to Manual 11: Energy & Ancillary Services, Manual 27: Open Access Transmission Tariff Accounting and Manual 28: Operating Agreement Accounting Market Operations for the approved Hybrid Resources Phase I solution package. The committee will be asked to endorse the proposed revisions at its next meeting.
[Issue Tracking: Solar-Battery Hybrid Resources](#)
- E. Glen Boyle reviewed proposed revisions to Manual 15: Cost Development Guidelines addressing heat input guidelines and IMM Opportunity Cost Calculator. The committee will be asked to endorse the proposed revisions at its next meeting.
[Issue Tracking: Opportunity Cost Calculator 2023](#)
[Issue Tracking: Combined Cycles and Specialized Boilers Heat Input Guidelines](#)
- F. Rich Brown reviewed proposed revisions to Manual 36 as a part of its periodic review. The committee will be asked to endorse the proposed revisions at its next meeting.

Informational Items (11:35-12:30)

7. RMDSTF Update (11:35-11:45)

Michael Herman, Facilitator of the Regulation Market Design Senior Task Force (RMDSTF), provided an update on the status of solution proposals and upcoming polling/voting opportunities at the RMDSTF.

8. Discussion of IMM Contract (11:45-12:30)

Stu Bresler facilitated the opportunity for stakeholders to provide comments on the IMM contract rate schedules 46 and 47.

Future Agenda Items (12:30)

No new future agenda items were identified.

Future Meeting Dates and Materials			Materials Due to Secretary	Materials Published
Date	Time	Location		
<i>May 31, 2023</i>	9:00 a.m.	PJM Conference & Training Center and WebEx	May 19, 2023	May 24, 2023
<i>June 22, 2023</i>	9:00 a.m.	PJM Conference & Training Center and WebEx	June 12, 2023	June 15, 2023
<i>July 26, 2023</i>	9:00 a.m.	PJM Conference & Training Center and WebEx	July 14, 2023	July 19, 2023
<i>August 23, 2023</i>	9:00 a.m.	PJM Conference & Training Center and WebEx	August 11, 2023	August 16, 2023
<i>September 20, 2023</i>	9:00 a.m.	PJM Conference & Training Center and WebEx	September 8, 2023	September 13, 2023
<i>October 25, 2023</i>	9:00 a.m.	PJM Conference & Training Center and WebEx	October 13, 2023	October 18, 2023
<i>November 15, 2023</i>	9:00 a.m.	PJM Conference & Training Center and WebEx	November 3, 2023	November 8, 2023
<i>December 20, 2023</i>	9:00 a.m.	PJM Conference & Training Center and WebEx	December 8, 2023	December 13, 2023

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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.

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