Markets & Reliability Committee

Webex Only

April 27, 2022

9:00 a.m. – 12:45 p.m. EPT

***\*Operator assisted phone lines will be opened 30 minutes prior to the start of the meeting. Due to the high volume of remote participation, stakeholders are asked to connect early to allow additional time for operator queue processing.***

Administration (9:00-9:15)

Welcome, announcements and Anti-trust, Code of Conduct, and Public Meetings/Media Participation – Stu Bresler and Dave Anders

Dave Anders will provide an update on the voting protocols for Board elections at the May Members Committee meeting.

Consent Agenda (9:15-9:20)

1. **Approve** minutes of the March 23, 2022 meeting of the Markets and Reliability Committee (MRC).
2. **Endorse** proposed revisions to Manual 01: Control Center and Data Exchange Requirements resulting from its periodic review.
3. **Endorse** proposed revisions to Manual 14F: Competitive Planning Process resulting from its periodic review.
4. **Endorse** Operating Agreement (OA) revisions to appropriately document the underfrequency relay requirements applicable to EKPC.
5. **Approve** revisions to the EPFSTF Charter.

[Issue Tracking: Operating Reserve Demand Curve (ORDC) & Transmission Constraint Penalty Factors](https://www.pjm.com/committees-and-groups/issue-tracking/issue-tracking-details.aspx?Issue=783a272c-b870-4e19-a44f-b5c92e806512)

Endorsements (9:20-10:50)

1. Deactivation Process Timing (9:20-9:45)

Dave Egan will review a proposed solution to update the process timing for generation deactivations. **The committee will be asked to endorse the proposed revisions and corresponding Tariff revisions**.

[Issue Tracking: Deactivation Analysis Period](https://www.pjm.com/committees-and-groups/issue-tracking/issue-tracking-details.aspx?Issue=ce96c0de-ffc6-4415-b836-d1bada79099f)

1. Interconnection Process Reform (9:45-10:30)
   1. Jack Thomas will review proposed solutions to reform the interconnection process and address a transition to the new rules.
   2. John Wieland, Leeward Renewable Energy, will review a proposed amendment on behalf of the PJM Interconnection Customers Coalition.
   3. Jim Davis, Dominion Energy, and Alex Stern, PSEG, will review a proposed amendment.
   4. Amber Thomas, Exelon, will review a proposed amendment.
   5. Brian Kauffman, Enel North America, will review a proposed amendment.

**The committee will be asked to endorse the proposed solution and corresponding Tariff revisions. Same day endorsement may be sought at the Members Committee for the Tariff revisions.**

[Issue Tracking: Interconnection Process Reform](https://www.pjm.com/committees-and-groups/issue-tracking/issue-tracking-details.aspx?Issue=0caa55a8-041c-4365-8a44-46ad2420b148)

1. Resource Adequacy (10:30-10:50)
   1. Dave Anders, Walter Graf, and Matthew Bernstein will review a proposed RASTF Issue Charge addressing the procurement of clean resource attributes.
   2. Denise Foster Cronin, EKPC, will review a proposed friendly amendment to the Issue Charge.

**The committee will be asked to approve the Issue Charge**.

* 1. Chris Pilong and Alex Scheirer will provide an update on the Operating Committee’s recommendation regarding Additional Reliability Products and Services.

[Issue Tracking: Capacity Market Reform](https://www.pjm.com/committees-and-groups/issue-tracking/issue-tracking-details.aspx?Issue=d0505dad-6dca-43b3-9334-bd8aba2a16e9)

First Readings (10:50-12:30)

1. Start-Up Cost Offer Development (10:50-11:05)

Tom Hauske will review the Revised PJM/IMM Proposal addressing Start-Up Cost Offer Development developed through the Cost Development Subcommittee. The committee will be asked to endorse the proposal at this meeting.

[Issue Tracking: Start-up Cost Offer Development](https://www.pjm.com/committees-and-groups/issue-tracking/issue-tracking-details.aspx?Issue=46ced1bf-a450-4c80-9199-08ec2be2f4cb)

1. Dynamic Rating Issue (11:05-11:30)

Chris Callaghan and Bilge Derin will review a proposed solution and corresponding revisions to Manual 01: Control Center and Data Exchange Requirements, Manual 03: Transmission Operations, and Manual 03A: Energy Management System (EMS) Model Update and Quality Assurance (QA) to address the Interim Measures to Facilitate the Integration of Dynamic Ratings into PJM Operations (Phase 1). The committee will be asked to endorse the proposed solution and corresponding Manual 01, Manual 03, and Manual 03A revisions proposed.

1. Application of Designated Entity Agreement (11:30-11:55)

Augustine Caven will review a proposed solution to address the application of Designated Entity Agreement. The committee will be asked to endorse the proposed solution and corresponding Operating Agreement (OA) revisions at its next meeting.

1. Manuals (11:55-12:30)
   1. Dean Manno will review proposed revisions to Manual 03: Transmission Operations resulting from its periodic review. The committee will be asked to endorse the proposed Manual 03 revisions at its next meeting.
   2. Damon Fereshetian, Mike Handlin, and Rebecca Stadelmeyer will review proposed revisions to Manual 11: Energy & Ancillary Services Market Operations, Manual 12: Balancing Operations, and Manual 28: Operating Agreement Accounting addressing changes for Intelligent Reserve Deployment (IRD). The committee will be asked to endorse the proposed Manual 11 and Manual 28 revisions at its next meeting.

[Issue Tracking: Synchronized Reserve Event Actions and Expectations](https://pjm.com/committees-and-groups/issue-tracking/issue-tracking-details.aspx?Issue=88b492a5-1547-4558-a242-456d99b87a37)

* 1. Zhenyu Fan, Mike Handlin, and Rebecca Stadelmeyer will review proposed revisions to Manual 11: Energy & Ancillary Services Market Operations, Manual 12: Balancing Operations, and Manual 28: Operating Agreement Accounting addressing conforming changes for stability limits in markets and operations. The committee will be asked to endorse the proposed Manual 11, Manual 12, and Manual 28 revisions at its next meeting.

[Issue Tracking: Stability Limits in Markets and Operations](https://www.pjm.com/committees-and-groups/issue-tracking/issue-tracking-details.aspx?Issue=e2cf01c5-2504-49d7-8b1a-66b867bba081)

* 1. Joshua Bruno will review proposed revisions to Manual 21A: Determination of Accredited UCAP Using Effective Load Carrying Capability Analysis addressing an ELCC model run timing update and changes to reflect the continuation of the current method to provide unit specific backcasts only as requested. The committee will be asked to endorse the proposed Manual 21A revisions at its next meeting.
  2. Rich Brown will review proposed revisions to Manual 36: System Restoration resulting from its periodic review. The committee will be asked to endorse the proposed Manual 36 revisions at its next meeting.

Informational Report (12:30-12:45)

1. Grid of the Future – PJM RTEP Perspective (12:30-12:45)

Sue Glatz will discuss PJM’s report on planning for the grid of the future and the planning perspective.

Future Agenda Items (12:45)

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| **Future Meeting Dates and Materials** | | | | **Materials Due  to Secretary** | **Materials Published** |
| Date | Time | Location | |  |  |
| May 25, 2022 | 9:00 a.m. | | PJM Conference & Training Center and WebEx | May 13, 2022 | May 18, 2022 |
| June 29, 2022 | 9:00 a.m. | | PJM Conference & Training Center and WebEx | June 17, 2022 | June 22, 2022 |
| July 27, 2022 | 9:00 a.m. | | PJM Conference & Training Center and WebEx | July 15, 2022 | July 20, 2022 |
| August 24, 2022 | 9:00 a.m. | | PJM Conference & Training Center and WebEx | August 12, 2022 | August 17, 2022 |
| September 21, 2022 | 9:00 a.m. | | PJM Conference & Training Center and WebEx | September 9, 2022 | September 14, 2022 |
| \* October 24, 2022 \*tentative dates & time | *\* 1:00 p.m.* | | *Off-site TBD* | *\* October 12, 2022* | *\* October 17, 2022* |
| November 16, 2022 | 9:00 a.m. | | PJM Conference & Training Center and WebEx | November 4, 2022 | November 9, 2022 |
| December 21, 2022 | 9:00 a.m. | | PJM Conference & Training Center and WebEx | December 9, 2022 | December 14, 2022 |

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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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