

Operating Committee
PJM Conference & Training Center, Audubon, PA
September 10, 2019
9:00 a.m. – 12:00 p.m. EPT

Administration (9:00 – 9:05)

1. Approve Operating Committee (OC) Agenda for this meeting.
2. Review and approve Draft Minutes of the August 6 OC meeting.
3. Review of the OC work plan.
- 3a. **2019 PJM Stakeholder Survey Update**
Mr. Don Wallin, PJM, will provide the OC with an update regarding the 2019 PJM Stakeholder Survey.

Review of Operations (9:05 – 9:20)

4. **Review of Operational Events**
There are no operational events to report for this month's meeting.
5. **Post Contingency Local Load Relief Warning (PCLLRW) Procedure Education**
Mr. Frank Hartman, PJM, will provide education on PJM's PCLLRW procedure.
6. **Review of Operating Metrics**
Ms. Stephanie Monzon, PJM, will review the August 2019 PJM operating metrics slides. Metrics will include PJM's load forecast error, BAAL performance, transmission / generation outage statistics, and Perfect Dispatch historical performance.

Endorsements/Approvals (9:20 – 9:45)

7. **Manual 14D Changes**
Mr. Vince Stefanowicz, PJM, will review the proposed changes to PJM Manual 14D: Generator Operational Requirements. The review will include a cover to cover review and proposed language changes regarding compliance with FERC Order 841 for energy storage participation. **The Operating Committee will be asked to endorse these changes.**
8. **Manual 36 and 40 Changes**
Ms. Laura Walter, PJM, will review the proposed changes to PJM Manual 36: System Restoration and PJM Manual 40: Training and Certification Requirements regarding FERC Order 841 for energy storage participation. **The Operating Committee will be asked to endorse these changes.**

First Readings (9:45 – 9:55)

9. **Manual 03A Changes**
Ms. Maria Baptiste, PJM, will review the proposed changes to PJM Manual 03A: Energy Management System (EMS) Model Updates. **The Operating Committee will be asked to endorse these changes at the next OC meeting.**

OC Subcommittee / Task Force Updates (9:55 – 10:15)

10. **System Operations Subcommittee (SOS)**
Ms. Rebecca Carroll, PJM, will provide a summary of the most recent SOS meeting.
11. **Data Management Subcommittee (DMS)**
Ms. Diane Lake, PJM, will provide a summary of the most recent DMS meeting.
12. **Distributed Energy Resources Subcommittee (DERS)**
Mr. Scott Baker, PJM, will provide a summary of the most recent DERS meeting.
13. **System Restoration Coordinators Subcommittee (SRCS)**
There are no SRCS updates for this month's meeting.
14. **Primary Frequency Response Sr. Task Force (PFRSTF)**
There are no PFRSTF subcommittee updates for this month's meeting.

Unit Specific Parameter Updates (10:15 – 10:30)

15. **Unit Specific Parameter Updates**
Ms. Lauren Strella Wahba, PJM, will provide an update on Unit Specific Parameters.

Break (10:30 – 10:45)

PJM Initiatives/Education Updates

16. **Fuel Requirements for Black Start Resources Update**
There are no Fuel Requirements for Black Start Resources issue updates for this month's meeting. More information on this initiative can be found at PJM's Issues Tracking page.
<https://www.pjm.com/committees-and-groups/issue-tracking/issue-tracking-details.aspx?Issue={B7F726E1-9F06-414E-8516-4D69B5050AF4}>

Tool and Informational Updates (10:45 – 11:30)

17. **Preliminary 2020 Project Budget Review**
Mr. Jim Snow, PJM, will review the Preliminary 2020 Project Budget.
18. **Resource Tracker Application Updates**
Mr. Brian Lynn, PJM, will review upcoming changes to the Resource Tracker application and provide a review of the annual review period.
19. **Synchronous Reserve Performance Updates**
Mr. David Kimmel, PJM, will provide an update on PJM's synchronous reserve performance.
20. **NERC Lessons Learned**
Mr. Donnie Bielak, PJM, will provide an update on recently posted NERC lessons learned.

21. Reliability Compliance Update

Mr. Preston Walker, PJM, will provide an update on NERC, SERC and RFC standards, and other pertinent regulatory and compliance information, and solicit feedback from the members on Reliability Compliance efforts.

22. FERC-NERC January 2018 Extreme Cold Weather Event Report Update

Ms. Alpa Jani, PJM, will provide an update regarding PJM's review of the FERC-NERC January 2018 Extreme Cold Weather Event Report.

23. Pricing Interface Update

There have been no newly created pricing interfaces.

Non-Retail Behind the Meter Generation (NRBTMG) Business Rules Issue (11:30 – 12:00)

24. Non-Retail BTMG Business Rules Issue Update

Ms. Theresa Esterly, PJM, will provide a status update on the Non-Retail BTMG business rule issue.

25. Non-Retail BTMG Data Collection Update

Ms. Theresa Esterly, PJM, will provide a status update on the Non-Retail BTMG data collection efforts.

Information Only

1. The link to the 2019 FERC and NERC Staff Report for The South Central United States Cold Weather Bulk Electric System Event of January 17, 2018 is attached.
https://www.nerc.com/pa/rm/ea/Documents/South_Central_Cold_Weather_Event_FERC-NERC-Report_20190718.pdf. The link to the report has also been posted as an Information Only item to the September 10 OC meeting website.

Action Items (12:00)

1. PJM will review Manual 03 language changes regarding stability studies in order to align with proposed Manual 10 language changes.
2. Manual 10 endorsement vote will be deferred until the Modeling Units with Stability Limitations Problem Statement and Issue Charge is addressed by the MIC.

Previous OC Education

Network Model Alignment Initiative	2/5/2019	https://www.pjm.com/-/media/committees-groups/committees/oc/20190205/20190205-item-21-network-model-alignment-achievements.ashx
Forecasting Education	4/9/2019	https://www.pjm.com/-/media/committees-groups/committees/oc/20190409/20190409-item-19-oc-forecast-education.ashx

Emergency Procedures Overview	4/9/2019	https://www.pjm.com/-/media/committees-groups/committees/oc/20190409/20190409-item-23b-emergency-procedures-overview.ashx
Behind the Meter Generation Settlement History	4/9/2019	https://www.pjm.com/-/media/committees-groups/committees/oc/20190409/20190409-item-23b-settlement-agreement.ashx
Improving Load Forecast with BTM Solar Forecast	5/14/2019	https://www.pjm.com/-/media/committees-groups/committees/oc/20190514/20190514-item-20-improving-load-forecast-with-btm-solar-forecast.ashx
Existing Non-Retail Behind the Meter Generation Business Rules	5/14/2019	https://www.pjm.com/-/media/committees-groups/committees/oc/20190514/20190514-item-27-existing-nrbtmg-business-rules.ashx
Non-Wholesale Distributed Energy Resources Data Collection	5/14/2019	https://www.pjm.com/-/media/committees-groups/committees/oc/20190514/20190514-item-27a-der-data-collection.ashx
Process Used to Estimate Non-Retail Behind the Meter Generation in PJM	5/14/2019	https://www.pjm.com/-/media/committees-groups/committees/oc/20190514/20190514-item-27b-nrbtmg-estimation-process.ashx
Non-Retail Behind the Meter Generation Settlement Agreement – Determination of the Threshold and Cap	5/14/2019	https://www.pjm.com/-/media/committees-groups/committees/oc/20190514/20190514-item-27c-threshold-and-cap-for-nrbtmg.ashx
FERC 841 Education	6/11/2019	https://www.pjm.com/-/media/committees-groups/committees/oc/20190611/20190611-item-06-ferc-order-841-education.ashx
Transient Stability Analysis and Modeling Education	6/11/2019	https://www.pjm.com/-/media/committees-groups/committees/oc/20190611/20190611-item-17-stability-limit-process.ashx

Future Meeting Dates

October 15, 2019	9:00 a.m.	PJM Interconnection - Conference and Training Center
November 12, 2019	9:00 a.m.	PJM Interconnection - Conference and Training Center
December 10, 2019	9:00 a.m.	PJM Interconnection - Conference and Training Center

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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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