

# Operating Committee Summary

Operating Committee  
PJM Conference & Training Center, Audubon, PA  
May 14, 2019  
9:00 a.m. – 3:00 p.m. EPT

## Administration

The Operating Committee (OC) Agenda for this meeting was approved.

The Draft Minutes of the April 9, 2019 OC meeting were approved as drafted.

Mr. Don Wallin, PJM, reviewed the OC Work Plan. The work plan will be adjusted to reflect the OC charter annual review for the months of April and May.

## Review of Operations

### Review of Operational Events

Mr. Mike Zhang, PJM, reviewed PJM operations since the last OC Meeting.

### Review of Operating Metrics

Mr. Mike Zhang, PJM, reviewed the April 2019 PJM operating metrics slides. Metrics included PJM's load forecast error, BAAL performance, transmission / generation outage statistics, and Perfect Dispatch historical performance. Mr. Zhang noted that PJM reviewed the action item to add Operator Bias and Reserve Pricing to the Operating Metrics report. The OC will keep this issue as an outstanding action item until the MIC assumes responsibility for the action item as part of the Five Minute Dispatch and Pricing Problem Statement and Issue Charge.

Comment [DS1]: Add taskforce

## Endorsements/Approvals

### Manual 01 Changes

Ms. Bilge Derin, PJM, reviewed the proposed changes to Manual 01: Control Center and Data Exchange Requirements. The Operating Committee endorsed these changes by acclamation with 0 objections and 0 abstentions.

### Manual 03 Changes

Mr. Lagy Mathew, PJM, reviewed the proposed changes to Manual 03: Transmission Operations. The Operating Committee endorsed the manual language changes by acclamation with 0 objections and 0 abstentions. Manual language changes regarding stability related unit reductions are deferred in order to align with proposed Manual 10 changes after the June MIC meeting. PJM will provide an education session on Transient Stability analysis and modeling.

### Manual 10 Changes

Mr. Vince Stefanowicz, PJM, reviewed the proposed changes to Manual 10: Prescheduling Operations. The Operating Committee will postpone the endorsement vote until after the June MIC meeting.



# Operating Committee Summary

## Manual 11 and 13 Changes

Ms. Natalie Tacka, PJM, reviewed the proposed manual language changes to Manual 11: Energy & Ancillary Services Market Operations and Manual 13: Emergency Operations. The Operating Committee **endorsed** these changes by acclamation with 0 objections and 0 abstentions.

## Manual 13 Cover to Cover Review

Mr. Augustine Caven, PJM, reviewed the proposed changes to Manual 13: Emergency Operations as part of a cover to cover review. The review included manual changes to Resource Limitation Reporting and other administrative changes. The Operating Committee **endorsed** the administrative changes to the manual by acclamation with 0 objections and 0 abstentions. The proposed manual changes regarding Resource Limitation Reporting was deferred until the June OC meeting to allow additional stakeholder input. **The Operating Committee will be asked to endorse the Resources Limitation Reporting changes at the next OC meeting.**

## Manual 36 Changes

Mr. Liem Hoang, PJM, reviewed the proposed changes to Manual 36: System Restoration. The OC **endorsed** these changes by acclamation with 0 objections and 0 abstentions.

## Review of Operating Committee Charter

Mr. Dave Souder, PJM, reviewed the PJM Operating Committee Charter as part of the annual review process. The OC **endorsed** the OC Charter by acclamation with 0 objections and 0 abstentions.

## First Readings

### Manual 39 Changes

Mr. Dan Bennett, PJM, reviewed the proposed changes to Manual 39: Nuclear Plant Interface Coordination. **The Operating Committee will be asked to endorse these changes at the next OC meeting.**

## OC Subcommittee / Task Force Updates

### System Operations Subcommittee (SOS)

Mr. Mike Zhang, PJM, provided a summary of the most recent SOS meeting.

### Data Management Subcommittee (DMS)

Ms. Diane Lake, PJM, provided a summary of the most recent DMS meeting.

### Distributed Energy Resources Subcommittee (DERS)

There were no DERS subcommittee updates for this month's meeting.

### System Restoration Coordinators Subcommittee (SRCS)

There were no SRCS subcommittee updates for this month's meeting.



# PJM Operating Committee Summary

## **Primary Frequency Response Sr. Task Force (PFRSTF)**

There were no SRCS subcommittee updates for this month's meeting.

## **Unit Specific Parameter Updates**

### **Unit Specific Parameter Updates**

There were no Unit Specific Parameter updates for this month's meeting.

## **PJM Initiatives/Education Updates**

### **Fuel Requirements for Black Start Resources Update**

There were no Fuel Requirements for Black Start Resources 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}>

### **Improving Load Forecast with Behind-the-Meter Solar Forecast Education**

Mr. Joseph Mulhern, PJM, provided education regarding improving load forecasts with Behind the Meter solar forecasts. PJM will provide a list of educational agenda items as part of future OC agendas.

## **Tool and Informational Updates (9:55 – 10:45)**

### **Regulation Performance Updates**

Ms. Danielle Croop, PJM, provided an update on PJM's regulation performance.

### **NERC Lessons Learned**

There were no recently posted NERC Lessons Learned reports for this month's meeting.

### **Operations Assessment Task Force (OATF)**

Mr. Rob Dropkin, PJM, reviewed the results of the Summer 2019 OATF Study.

### **Reliability Compliance Update**

There were no Reliability Compliance updates for this month's meeting.

### **ComEd Quad Cities RAS/SPS Retirement**

Mr. Alan Engelmann, ComEd, provided an update regarding the retirement of the Quad Cities RAS/SPS.

### **Pricing Interface Update**

There were no newly created pricing interfaces.

## **Non-Retail Behind the Meter Generation (NRBTMG) Business Rules Issue (11:00 - 15:00)**

### **Existing Non-Retail Behind the Meter Generation Business Rules Education**

Ms. Terri Esterly, PJM, provided education regarding the existing Non-Retail Behind the Meter Generation business rules.



# PJM Operating Committee Summary

## **Non-Wholesale Distributed Energy Resources Data Collection Education**

Mr. Joseph Mulhern, PJM, provided education regarding Non-Wholesale Distributed Energy Resources data collection.

## **Process Used to Estimate Non-Retail Behind the Meter Generation in PJM Education**

Mr. Joseph Mulhern, PJM, provided education regarding the process used to estimate the amount of Non-Retail Behind the Meter Generation in PJM.

## **Non-Retail Behind the Meter Generation Settlement Agreement – Determination of the Threshold and Cap**

Mr. Tom Falin, PJM, provided education on the calculation of the 1,500 MW Threshold and 3,000 MW Cap on Non-Retail Behind the Meter Generation.

## **Identification of Clarifications Needed in Existing Non-Retail Behind the Meter Generation Business Rules**

Ms. Terri Esterly, PJM, reviewed the clarifications needed in the existing Non-Retail Behind the Meter Generation business rules.

## **Action Items**

PJM will review the request to include additional data to the Operating Metrics report in the area of Operator Biasing and Reserve Pricing.

The OC will update the OC work plan to expand the OC charter annual review to include the months of April and May.

PJM will provide education on how PJM calculates transient stability analysis.

PJM will review Manual 03 language changes regarding stability studies in order to align with proposed Manual 10 language changes.

Manual 10 endorsement vote will be deferred until after the June MIC meeting.

PJM will provide a list of all education delivered in future OC agendas.

PJM will update load forecast charts presented as part of the Improving Load Forecast with Behind-the-Meter Solar Forecast Education agenda item to provide MW values along the vertical axis.

## **Information Only**

The Non-Retail Behind the Meter Generation Subgroup April 29 meeting draft minutes are posted on the May 14 OC meeting website.

## **Future Meeting Dates**

June 11, 2019	9:00 a.m.	PJM Interconnection - Conference and Training Center
July 9, 2019	9:00 a.m.	PJM Interconnection - Conference and Training Center
August 6, 2019	9:00 a.m.	PJM Interconnection - Conference and Training Center
September 10, 2019	9:00 a.m.	PJM Interconnection - Conference and Training Center



# Operating Committee Summary

Author: Don Wallin

Provide feedback on the progress of this group: [Facilitator Feedback Form](#)  
Visit [learn.pjm.com](http://learn.pjm.com), an easy-to-understand resource about the power industry and PJM's role.