



Operating Committee Summary

Operating Committee
PJM Conference & Training Center, Audubon, PA
June 7, 2016
9:00 a.m. – 12:00 p.m. EPT

Administration

The Agenda for this meeting was approved.

Draft Minutes of the May 10, 2016 OC meeting were reviewed and approved.

The OC Work Plan was reviewed.

Review of Operations

Review of Operational Events

Mr. Chris Pilong, PJM, reviewed PJM Operations since the last OC Meeting. The review included a complete summary of April 2016 operational events, and a partial summary of May 2016 events. The April summary included 10 High System Voltage events, 1 Synchronous Reserve event and 1 Shared Reserve event. The May summary included 5 High System Voltage events, 1 Synchronous Reserve event and 2 Share Reserve Events.

Endorsements / Approvals

There are no items scheduled for endorsement during this Operating Committee Meeting.

First Readings

Manual 03A Changes

Mr. Ron Deloach, PJM, review proposed changes to *Manual 03A: Energy Management System (EMS) Model Updates and Quality Assurance (QA)* regarding administrative and modeling process updates, including data submissions for Behind the Meter generation. The Operating Committee will be asked to endorse these changes at the next OC meeting.

Manual 14D Changes

Mr. David Schweizer, PJM, reviewed recent changes to *Manual 14D: Generator Operational Requirements* regarding clarifications to Attachment L. These changes were already endorsed by the Markets and Reliability Committee, therefore the information was presented to the OC for informational purposes.

<http://www.pjm.com/~media/documents/manuals/m14d-redline.ashx>

Open Access Transmission Tariff

Ms. Jacqui Hugee, PJM, reviewed a proposed revision to the Open Access Transmission Tariff (OATT). The revision is a conforming change to Section 23.1 of PJM's OATT as a result of the previously issues FERC Order 739. PJM will file the revisions with FERC by June 30, 2016.

OC Subcommittee / Task Force Updates

System Operations Subcommittee (SOS)

Mr. Chris Pilong provided a summary of the most recent SOS meeting.

Systems Information Subcommittee (SIS)

Mr. Mike Del Viscio, PJM, provided a summary of the most recent SIS meeting.

System Restoration Coordinators Subcommittee (SRCS)

The SRCS had not met since the last OC meeting.

Metering Task Force (MTF)

Ms. Nancy Huang, PJM, provided a summary of MTF activity since the last OC meeting.

Primary Frequency Response

Generator Governor Response Survey

Mr. David Schweizer provided a summary of the recently completed generator governor response survey. PJM found that survey responses were submitted for 95% of units. Of those units that responded, 69% indicated that their governor was operational, and 53% indicated that their governor was capable of operating within the NERC recommended settings. PJM plans to continue outreach to Generator Owners who did not respond to the survey, or provided incomplete responses. PJM will also continue to monitor frequency response performance with respect to BAL-003-1, and evaluate any FERC/NERC actions related to frequency response.

Frequency Response Performance

Ms. Danielle Croop, PJM, provided an update on PJM's Frequency Response Performance with respect to the new BAL-003-1 standard. PJM is currently exceeding the expected Frequency Response Obligation for 2016.

Tool and Informational Updates

Review of Operating Metrics

Mr. Ken Seiler, PJM, reviewed the PJM Operating Metrics Slides, updated with March metrics data. Metrics included PJM's load forecast error, BAAL performance, transmission / generation outage statistics, and Perfect Dispatch performance.

2015/16 Winter Report

Ms. Darlene Phillips, PJM, presented the 2015/16 Winter Operations Report. The presentation included metrics on the peak load for the 2015/16 winter season which occurred on January 19, 2016. A status of the 2015 Cold Weather Recommendations was also provided.

Generator Cold Weather Testing

Mr. David Schweizer led continued discussions regarding future plans for the Cold Weather Testing process. PJM's recommendation is to continue the voluntary winter testing program using the existing criteria identified in Manual 14D, Section 7.5.1. PJM's only recommended change is to discontinue

winter testing compensation for CP resources. PJM will draft Manual 14D revisions to reflect the recommended changes, and present them at the July OC meeting for a first read.

Synchronous Reserve Performance

Mr. Tom Hauske, PJM, provided an update on synchronous reserve performance for 2016 Q1. There were 3 Synchronous Reserve events in 2016 Q1, with 2 of those events lasting > 10 minutes in duration. A breakdown of resource performance during these events was also provided, along with a summary of the associated credits and penalties which were assessed.

Upcoming MIC Problem Statement

Mr. Tom Hauske provided an overview of the upcoming MIC problem statement related to black start service revenue requirements for new units.

NERC Lessons Learned

Mr. Ken Seiler presented the most recent NERC Lessons Learned report. The topic of the report was the loss of SCADA control and monitoring capability within a control center.

Pricing Interface Update

There have been no new or updated Closed Loop Interfaces implemented since the last OC.

Tech Change Forum

Mr. Jim Gluck, PJM, provided an overview of the new member-focused Tech Change Forum group. The group is being stood up as a result of stakeholder feedback, and will provide increased visibility to PJM tool changes. An informational session related to the Tech Change Forum has been scheduled for Thursday, July 21, 2016.

Planning Center Tool Update

Mr. Jonathan Thompson, PJM, provided an update on PJM's implementation of the new Planning Center web application in support of compliance with the NERC MOD-032-1 standard. The application went live on May 1, 2016, and acts as a portal for entities to submit modeling data in compliance with MOD-032-1 R2. PJM is requesting Generator Owners to submit modeling information by the July 31, 2016 deadline.

NERC and Regional Coordination Update

Mr. Sri Kappagantula, PJM, provided an update on NERC, SERC and RFC standards and other pertinent regulatory and compliance information, and solicited feedback from the members on the N&RC departmental efforts. Several standards currently under development were reviewed including TPL-007-1 and TPL-001-5, as well as several appendices within the NERC Rules of Procedure. Standards subject to future enforcement were also reviewed, including a number of CIP, MOD, PER and PRC standards which become enforceable on July 1, 2016.

Special Protection Scheme (SPS) Modification

Mr. Craig Crider, Dominion Virginia Power, reviewed planned modifications to the Clover generator shed scheme. The existing SPS will be modified to incorporate the addition of a third 500/230kV transformer at the Clover substation. The new transformer is being constructed under PJM RTEP baseline project b1907.

Capacity Performance

Unit Specific Parameter Process Update

Mr. Tom Hauske provided a status update on the implementation of the Unit Specific Parameter process. The final status for parameter adjustment requests for the 2016/17 delivery year were completed and provided to the resource owners by the May 15, 2016 deadline. The Capacity Performance product then became effective on June 1, 2016 for the 2016/17 delivery year. With regard to next steps, the Unit Specific Adjustment team will be updating the FAQs and process documents, and continuing to review the adjustment request process at future OC meetings. The team will also begin reviewing unit specific adjustment requests for CP resources for the 2017/18 delivery year.

Performance Assessment Hour (PAH) Ramp Rate

Ms. Rebecca Stadelmeyer, PJM, discussed the recent FERC Order which rejected PJM's PAH Ramp Rate proposal. PJM is currently holding internal discussions to determine next steps.