



PJM Operating Committee Summary Thursday, September 4th, 2014

GAS UNIT COMMITMENT COORDINATION

- A. Mr. Hsia provided education on existing business rules for Cost-Based and Price-Based Schedules. Additional education was conducted on September 8, 2014 via conference call to review Manual 11 Attachment C: Procedure for Cost Reimbursement.
- B. Ms. Hendrzak led a discussion to review and prioritize the general data parameter requirements.
- C. Ms. Hendrzak and Mr. Boyle led a review of the PJM and Generation Owner requirements and proposed additional data fields.

COLD WEATHER RESOURCE IMPROVEMENT

- A. Mr. Hsia reviewed the cost analysis of the winter test. Analysis follow up will be given at the September 17th Cold Weather Resource Conference Call.
- B. Ms. Reiter reviewed the proposed solution package. **The Operating Committee will be asked to approve the solution package at its next meeting.
- C. Ms. Reiter reviewed the Manual 14D changes that will go with the proposed package. A new section 7.5 Cold Weather Generation Resource Preparation and a new Attachment N: Cold Weather Preparation Guideline and Checklist will be added. **The Operating Committee will be asked to endorse the manual language at its next meeting.

REVIEW OF OPERATIONS

- Mr. Pulong reviewed PJM Operations since the last Operating Committee (OC) Meeting.
- Mr. Pulong provided a summary of the August 27th, 2014 SOS meeting. Updates included Minimum Generation Reporting, EMS Model Updates, Load Dump Rating Methodology and PCLLRW Issuance Tool.

MANUAL ENDORSEMENTS

- A. Mr. Schweizer reviewed changes to Manual 14D: Generator Operational Requirements. Changes include a new section 4.1.2 on Jetstream, updated eDART description in section 5.3.4, various changes in section 7, revised section 8.2.3 on real-time meteorological tower for consistency with Tariff and Interconnection Service Agreement requirements, and changes to Attachments D and M. Attachment F was deleted. Other significant changes included Attachment E, PJM Generator and Synchronous Condenser Reactive Capability Testing to align with NERC Reliability Standard MOD-025-2. . **The Operating Committee endorsed these changes with 0 objections and 2 abstentions.



- B. Mr. Olaleye presented proposed revisions to Manual 11: Energy & Ancillary Services Market Operations and Manual 28: Operating Agreement Accounting regarding the applicability for Tier 1 Capability compensation. ****The Operating Committee endorsed these changes with 0 objections and 1 abstention.**
- C. Mr. Olaleye presented proposed revisions to Manual 11: Energy & Ancillary Services Market Operations and Manual 15: Cost Development Guidelines relating to the Regulation Performance Cost Equation. ****The Operating Committee endorsed these changes with 0 objections and 0 abstentions.**

TRANSMISSION OWNER DATA FEED

Ms. Huang presented the solution package for the TO Data Feed Issue, including proposed Manual and OA changes. The proposal focuses on streamlining the TO Data Feed process without minimizing the level of protection of the data. Manual 14D changes are being proposed under section 11 and Attachments I, J, and K. Proposed OA changes are adding a new 18.17.7: Disclosure of Generator Data to Transmission Owners section and minor changes to section 18.17.6 to align with section 18.17.7. ****The Operating Committee will be asked to approve the solution package at its next meeting.**

SYNCHROPHASOR TOOL UPDATE

Mr. Hislop provided an update to the Synchrophasor Tools. Topics discussed were data quality, real-time monitoring, post event analysis, and EMS Incorporation. Future development includes Linear State Estimation, Eastern Interconnection data sharing through EIDSN, and Model Validation.

TO OUTAGE SUBMITTALS METRICS

Mr. Mathew reviewed the TO Outage Submittal Metrics from January thru July 2014. On-time submittals and outage cancellation percentages are similar to the previous year.

BAL-003 FREQUENCY RESPONSE ROLLOUT

Mr. Gordon introduced the BAL-003 Frequency Response rollout. With FERC approval of the NERC standard, PJM plans to start contacting individual GOs regarding their unit response and governor settings beginning 3rd quarter of 2014. PJM's Frequency Response Initiative Objectives include working with the GOs to understand how units are responding to frequency events, improve primary frequency response predictability, and increase primary frequency response and reduce compliance risk.

PJM 2015 PROJECT SUMMARY

Mr. Snow discussed the preliminary 2015 PJM Projects. By October 30th, the consideration of Proposed 2015 Budget will go to the Board of Managers.



PRICING INTERFACES

Mr. Ciabattone reviewed the new BLKRIVER and Warren Interfaces. The BLKRIVER Interface is in the ATSI transmission zone and is effective from September 1st to October 31st, 2014. The Warren Interface is in the PN transmission zone and is effective September 2nd, 2014 until further notice.

COMBINED CYCLE UPDATE

Mr. Hauske provided an update on information learned from SPP experiences regarding the combined cycle modeling initiative.

2013 HOT WEATHER RECOMMENDATIONS UPDATE

Mr. Souder provided an update on the 2013 Hot Weather Recommendations.

2014 COLD WEATHER RECOMMENDATIONS UPDATE

Ms. Hendrzak provided an update on the 2014 Cold Weather Recommendations.

MANUAL FIRST READS

Mr. Boyle reviewed changes to Manual 01: Control Center and Data Exchange Requirements related to COM-002-4 Operator Communications. The changes include removal of existing section 4.2.4 and adding a new section 4.3 PJM Communication Protocol. Both sections will remain in the manual in parallel until the new standard is implemented in 2015. Some changes since the first read in July include removal of 'NERC entities' for applicability, and replacing it with 'PJM operators and operators at member companies that issue/receive operating instructions.' It was also clarified that operators should use their LAST name at a minimum for phone communications. There was a request from a member company to add language to the manual regarding 'All Call' messages and wording to be used once the message is over. **The Operating Committee will be asked to endorse these changes at its next meeting.

ENHANCED INVERTER INITIATIVE

Ms. Keshavamurthy provided an update on the Planning Committee's Enhanced Inverter Initiative.

NERC/RFC UPDATE

Mr. Kuras provided an update on NERC, SERC, RFC, and NAESB Regional Standards. PRC-005-X: Project 2007-17.3 Protection System Maintenance and Testing Phase 3 (Sudden Pressure Relays) has a comment period from 7/30/14 – 9/12/14 and ballot period from 9/3/14 – 9/12/14. TOP-001-3, TOP-002-4, TOP-003-3, IRO-001-4, IRO-002-4, IRO-008-2, IRO-010-2, IRO-014-3, and IRO-017-1: Project 2014-03 Revisions to TOP and IRO Standards has a comment period of 8/6/14 – 9/19/14 and a ballot period of 9/10/14 – 9/19/14. Companies are requested to contact Mark Kuras to schedule TO/TOP Audits.



COMMITTEE/SUBCOMMITTEE/WORKING GROUP UPDATES

The OC discussed that going forward any committee update that is given at the Members Committee Webinar is not needed at the Operating Committee.