



SOS Summary **May 11, 2011**

1. REVIEW OF OPERATIONS

- A. Mr. Keech provided an update of System Operations for the month of April.
 - a. CPS1 was 133.1%, CPS2 was 89.9%, BAAL was 99.5%
 - b. Five 100% spinning events, no DCS, seven Share Reserves
 - c. 22 PCLLRWs
- B. Mr. Rich Souder reviewed the Surry instability event on 4/11/11. The conditions leading up to the event were light load, several EHV outages, high voltage, and Surry units operating in the lead to absorb vars. Mr. Liu indicated PJM studies show low damping.
- C. Mr. Skumanich reviewed the Alburdis-Juniata and Juniata-TMI storm related outages.

2. WORKING GROUP UPDATES

- A. eDART User Groups – Mr. Deloach gave an update on eDart changes for the upcoming releases. The May 11th changes are related to AC2. The May 24th changes are related to the new ATSI zone.
- B. Black Start Service Task Force (BSSTF) - Mr. Schweizer gave an update on the group's activities. The group continues to work on the new black start refurbishment process. The MIC approved the withdrawal of the group's charter items on fuel storage and lost opportunity cost for pump hydro units. The FERC 205 filing for Cost Additive to existing rates will be filed in the next few weeks.
- C. Dispatcher Training Subcommittee (DTS) – Mr. Gross provided an updated on the Operator Seminar. The feedbacks from the Seminar have been positive with a rating of 4.7 out of 5.

3. SYSTEM OPERATOR TRAINING AND CERTIFICATION

Mr. Gross reviewed the results of System Operator Training and Certification reporting using LMS.

4. EMERGENCY PROCEDURE DRILL

Mr. Keech reviewed the Summer Emergency Procedures Drill scenario. Mr. Gear pointed out that the document header needs to be updated to "summer".



5. REGIONAL STANDARDS, NAESB, AND COMPLIANCE UPDATE

- A. Mr. Kappagantula provided an update on NERC, SERC, RFC, and NAESB Regional Standards.
 - a. TOP 001 - 028 are conducting initial ballots with comments due by 6/9/11.
 - b. TPL 001 - 006 comments are due 5/31/11.
 - c. PRC 005 comments are due 5/12/11.
 - d. Revision to the BES definition are out for comments.
 - e. One remaining CVI with four potential violations.

6. MANUAL REVIEWS & UPDATES

- A. Mr. Boyle reviewed changes to M-40.
- B. Mr. Keech reviewed Manual changes. Recent changes were approved by the MRC.
 - a. M-13 is currently being updated to reflect the new threat levels being used by the Department of Homeland Security.

7. FUTURE AGENDA ITEMS

- A. AC2 and parallel operations update – Adam Keech
- B. Reactive Curve Verification - Reoccurring
 - 1) Generator semi-annual review (October / April)
 - 2) LCC semi-annual review (November / May)
 - 3) Reactive Testing Update –Robert Dropkin
- C. Quarterly AC2 Project Update (March, June, September, December) – Dave Vicini
- D. Annual Review of Manuals M-01 (March), M-03 (April), M-13 (May), M-36(June), and M-12 (July) as well as all Restoration Manuals (April or May)
- E. PJM Congestion Management/Post Contingency Congestion Management Facility submission Deadline (September) – Reoccurring
- F. SOS Charter Review – Annual (July)
- G. Manual M-03 section 5 procedure review for CIP - (August)



8. REVIEW OF OPERATIONS (SOS-T)

- A. SOS-T reviewed operational events and concerns.
 - a. Mr. Hunt reviewed the Surry instability event. The conditions of the event were light load, high voltage, Surry absorbing var. The inertia of the Surry unit had increased since last outage. Initial study indicated zero damping, below minimum criteria of 3% to 4%.
 - b. Mr. Bryson reviewed the SERC event analysis related to Surry and the tornadoes.
- B. SOS-T determined if any new events warrant consideration under the Event Investigation Process. None identified.

9. SYSTEM ANALYSIS AND COORDINATION

- A. Ms. Huang discussed the 2011 Summer OATF results. The 50/50 peak load study indicated no reliability problems but required off-costs and switchings. Maximum credibility disturbance contingencies converged if make-up power came from system generators.
- B. Ms. Reiter reviewed NERC alert impacted facilities due to sag. Four outages resulted in N-1 overloads and 12 additional outages are scheduled.
- C. Mr. Rich Souder reviewed a proposed change to the tariff to allow direct billing to T.O. for late outages. The issue will be discussed at the next OC meeting. Members expressed concerned about getting billed, RTEP requirements, and impact of the proposal.

10. DTS ITEMS

Issues/concerns from the SOS members for consideration at the DTS meeting will be brought to the attention of Mr. Lloyd, the SOS rep to the DTS.

11. SPS STATUS

Mr. Skumanich proposed that SPS status reporting be similar to AVR reporting. If the SPS has telemetry, then use telemetry. If there is no telemetry, then a call would be required. It was also proposed that SPS tie to transmission facilities be available as a tiered drop-down in eDart for reporting unavailability. PJM will follow up with the eDart team.

12. D-CURVE VERIFICATION

Mr. Boltz inquired about the timeline for acknowledging D-curve verification. Mr. Dropkin indicated that the verification was delayed but will start on the week of May 16th. TOs will have one month to verify.



13. DISTRIBUTION FACILITY MODELING AND REPORTING

Mr. Schloendorn expressed concern with the modeling and reporting requirements for distribution facilities. Mr. Bryson indicated that one of the requirements from the 1999 Root cause analysis was better modeling of reactive resources to ensure more the accurate EMS solutions. PJM will follow up at future SOS meetings.

14. TEMPERATURE SETS

Mr. Bryson discussed whether the rating temperature set needs to expand below 32° and above 95°. Mr. Schloendorn indicated the impact to current computer capabilities. The issue will be added to future agenda item.

15. FUTURE AGENDA ITEMS

- A. Mr. Schwarz raised a concern with the time irregularity on the availability of the DA market commitment from PJM. It was requested that the commitment be available as early as possible. Other members raised concern with the various encryption methods. PJM will follow up on the DA commitment availability (DA Market or Reliability commitment) and encryption methods.
- B. Mr. Squires inquired about event transcripts. Mr. Bryson indicated that PJM tried various methods to transcribe but editing is still required.
- C. Reporting SPS status. (Mr. Skumanich)
- D. Outage scheduling and coordination discussion. (recurring)
- E. Expand rating temperature set below 32° and above 95°. (Mr. Bryson)
- F. Distribution facility modeling and reporting. (Mr. Schloendorn)