



SOS Summary
November 14, 2011

1. REVIEW OF OPERATIONS

- A. Mr. Keech provided an update of System Operations for the month of October.
 - a) CPS1 was 131.5%, CPS2 was 87.3%, BAAL was 99.5%
 - b) One 100% spinning event, no DCS events, four Share Reserves events
 - c) 19 PCLLRWs
 - d) 29 high voltage events occurred in the month.
- B. Member Operational Issues: None identified.

2. WORKING GROUP AND TASK FORCE UPDATES

- A. eDART User Groups – Ms. Ike-Egbuonu provided an update on upcoming eDart changes. The next release is on December 14 with EMS tripped tickets enhancement and new TERM report for bulk upload.
- B. Black Start Service Task Force (BSSTF) - Mr. Schweizer provided an update on the Task Force activities. The refurbishment cost recovery proposal will be brought to the MIC in December.
- C. Dispatcher Training Subcommittee (DTS) – Mr. Hoang provided an update on the 2012 Seminar agenda.

3. SYSTEM OPERATOR TRAINING AND CERTIFICATION

- A. Mr. Hoang reviewed the results of certification and mitigation plan statuses. Generation: 12 companies were out of compliance for training and 11 companies were out of compliance for certification. Transmission: one company was out of compliance for certification.

4. REGIONAL STANDARDS, NAESB, AND COMPLIANCE UPDATE

- A. Mr. Kappagantula provided an update on NERC, SERC, RFC, and NAESB Regional Standards. There was one RFC TOP Matrix audit in November and another audit is scheduled for December.
- B. The SOS addressed any ongoing Member issues regarding NERC/RFC Audits. None identified.



5. DAY AHEAD SCHEDULING RESERVES FOR 2012

A. Agenda item was postponed until the December meeting.

6. AC2 UPDATE

A. Mr. Keech solicited feedback on the AC2 cutover. Members did not identify problems during the cutover.

7. HIGH VOLTAGE ACTION DISCUSSION

A. Mr. Keech provided an overview of the options for controlling high voltage. The first option is to use the Transmission Owners' specific voltage schedule. The second option is for PJM to initiate a nominal voltage schedule for generators. There are some new SVCs planned as a long-term solution. A member expressed concern with units that are already operating at minimum MVar output and no further reduction are possible.

8. SATELLITE PHONE TESTING

A. Mr. Keech proposed to test the new PJM satellite phones on 11/21/11. The new satellite phone numbers were provided to members.

9. TRANSMISSION RELAY LOADABILITY PRC-023 ANALYSIS

A. Mr. Herman discussed the System Planning study on NERC PRC-023. System Planning performed an N-1-1-1 study and provided the results to owners of the impacted facilities.

10. SOUTHWEST RECOMMENDATION ON COMMUNICATION DISCUSSION

A. Mr. R Souder reviewed the Southwest Report recommendation and solicited suggestions on how to improve communications. SOS-T/G Action Item – Other than use of satellite phones and GETS cards noted at the October OC meeting to help prioritize phone calls during emergency events no additional feedback was provided by the SOS-T/G related to the IMPROVE COMMUNICATIONS recommendation. As stated at today's meeting – in hearing no feedback we conclude that 'PJM to member' communications during emergency events is currently effective and therefore PJM will not implement communication protocol changes in the spring emergency procedure drills associated with the Southwest report. Members are invited to provide feedback on improved communication at any time.

11. Future Agenda Items

A. Reactive Curve Verification - Reoccurring

- 1) Generator Semi-annual Review (October / April)



- 2) LCC Semi-annual Review (November / May)
- 3) Reactive Testing Update – Robert Dropkin
- B. VAR-002 Compliance – Dave Souder
- C. Capacity Max Notification and Start Up Times – Mike Bryson
- 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 – Reoccurring (September)
- F. SOS Charter Annual Review – (July)
- G. Manual M-03 Section 5 Procedure Review for CIP - (August)
- H. Generator Performance Monitor Update - Robert Dropkin

12. REVIEW OF OPERATIONS (SOS-T)

- A. SOS-T reviewed operational events and concerns. None identified.
- B. SOS-T determined if any new events warrant consideration under the Event Investigation Process. None identified.

13. DTS ITEMS

- A. 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.

14. SYSTEM ANALYSIS AND COORDINATION

- A. Ms. Huang reviewed the OATF Winter results. The winter load forecast was 134,227 MW including DEOK. Local thermal overloads and voltage violations were identified in AEP, DEOK, AP, and PEPCO zones. All thermal issues were corrected with switchings and transformer tap adjustments. Voltage problems in certain areas required post-contingency load shed.

15. BLACK START UPDATE

- A. Mr. Schweizer provided an update on PP&L and DEOK black start plans. An PP&L zone exemption is proposed to be extended for another two years. DEOK restoration plan for the integration into PJM will include two black start units. Another unit will be made black start capable in 2012.



16. HIGH VOLTAGE OPERATING MEMO

- A. Mr. Keech provided an overview of the draft High Voltage Memo. The memo included switchings, LTC offsets, and particular generators to control high voltage. Members expressed concerns that maintaining nominal voltage may not be possible and that an alternate voltage schedule may raise compliance reporting concerns. Members proposed that PJM monitor unit performance based on D-curves as the best starting option.

17. INTELLIGENT EVENT PROCESSING (IEP) REVIEW

- A. Agenda item was postponed until the next meeting.

18. SOUTHWEST EVENT RECOMMENDATION ON UFLS DISCUSSION

- A. Mr. R Souder reviewed the Southwest Event recommendation on UFLS and requested transmission owners to review feeders on manual load dump or UFLS for critical loads such as gas infrastructure. SOS-T Action Item – As a result of the Southwest report action items discussed at the OC the T.O.s are to review feeders associated with UFLS and Manual Load Dump to ensure none include critical loads required during emergency operations such as (but not limited to) feeders for gas pumps. The SOS-T to report such examples and corrective steps to the SOS-T next month. This information will then be summarized for the OC at the December meeting.

19. PERCS/RSCS SHAREPOINT REVIEW

- A. Mr. Kappagantula provided an overview of the differences between the PERCS and RSCS SharePoint sites. PERCS is used for Manual 01 data submittals. RSCS is used for general compliance issues.

20. OPERATIONS DISCUSSION

- A. Mr. Schloendorn requested clarification on whether the switchings of 138 kV capacitors will require a call to PJM. Currently, Manual 03: Section 3 language indicate only 230 kV and above kV capacitors will require PJM coordination. In addition, clarification is sought on whether the 138 kV capacitors are included in the RRC. PJM will follow up on these action items.

21. Future Agenda Items

- I. Outage Scheduling and Coordination Discussion. (Reoccurring)
- J. Status Report on Open EIP Investigations.
- K. Update on EAWG.
- L. SPS Status via Telemetry Requirements, Expectations, Timeline, and Manual Language.



- M. Expand Rating Temperature Set Below 32° and Above 95°. (Mr. Bryson)
- N. Distribution Facility Modeling and Reporting. (Mr. Schloendorn)
- O. Manual-01: Attachment B Review. (Mr. Bryson)
- P. NERC Ratings Task Force Initiative Quarterly Update. (Mr. R Souder)
- B. Posting Switching Options for Congestion Management. (Mr. Pilon)