System Operations Subcommittees
Operations Update

1. REVIEW OF OPERATIONS (SOS JOINT MEETING)

A. Mr. Pilong provided an update of System Operations. For August, the CPS1 was 158.6%, CPS2 was 92%, BAAL was 99.8%, and DCS was 100%. For the partial month of August:

   a) 4 Shared Reserves events and 81 PCLLRWs.

   b) 5 Minimum Generation Alert events and 10 Emergency Procedures events.

B. Mr. Pilong discussed the hot weather events that occurred on September 9 – 11. The analysis of these events is still in the initial stages of information gathering. There will be a venue created for SOS members to submit questions about the events. As a result of each event analysis, there will be potential changes to operating procedures and manuals. Follow up is already under way for some specific items: Load Shed Events, Capacity Units, Generation Outage Scheduling, Load Forecast, DSR, Reserve Monitor/generator parameters, and PJM Stakeholder communications.

C. Member Operational Issues: None identified.

2. WORKING GROUP AND TASK FORCE UPDATES

A. eDART User Groups – Ms. Ike-Egbuonu provided an update of upcoming eDart changes. The November release will be mainly focused on the Black Start Calculator. Future enhancements will include conflict analyzer phase 3, reason for date change, grouping of transmission outage tickets, and flow breakers. Ms. Ike-Egbuonu also mentioned there will be an eDART outage to make some back-end changes. It will be done on a Saturday before the end of November. The date will be announced.

B. Dispatcher Training Subcommittee (DTS) – Mr. Hoke provided an update on the generation task list which will be used to develop training for the generation operators. The list will be reviewed again in October and finalized shortly.

3. SYSTEM OPERATOR TRAINING AND CERTIFICATION

A. Mr. Hoke provided the results of certification and training statuses. Generation: 6 companies were non-compliant for certification and 2 companies were non-compliant for training. Small Generation: 1 company was non-compliant for certification equivalency and training. Transmission: All were compliant for certification and training. CSP: 1 company was non-compliant for training.

4. REGIONAL STANDARDS, NAESB, AND COMPLIANCE UPDATE

A. Mr. Kappagantula provided an update on NERC, SERC, RFC, and NAESB Regional Standards. EOP-010-1 comments are due 10/18, PRC-010-1 comments are due 10/9, and PRC-027-1 comments are due 11/1. The 2010 CIP Spot Check & 693 Audit, as well as the Kenzie Creek CVI, are currently in settlement discussions. The FERC Audit action items are 86% complete.
B. The SOS addressed any ongoing Member issues regarding NERC/RFC Audits. None identified.

5. MANUAL UPDATES

A. Mr. Thomas and Mr. Baranowski reviewed proposed changes to Manual 03-A: Energy Management System (EMS) Model Updates and Quality Assurance (QA). They presented a new section on Validation & Benchmarking new EMS models and solicited SOS approval for this criteria change. SOS had no objections.

B. Mr. Smart reviewed changes to Manual 01: Control Center and Data Exchange Requirements. Changes included section 5.3.5 on tie-line telemetry, section 5.5 through 5.7 on meter accuracy, and Attachment B on data submittals. The manual will next be presented to the OC and MRC for endorsement.

C. Mr. Schweizer reviewed changes to Manual 10: Pre-Scheduling Operations. The manual is up for annual review with changes to Exhibit 1, sections 2.1 and 2.1.1, section 3 on reserve requirements, and section 4.1.1 on regulation resource. The manual will next be presented to the OC and MRC for endorsement.

D. Mr. Schweizer reviewed changes to Manual 14D: Generator Operational Requirements. Changes included section 7.1.2 on voltage and reactive control, 7.3.5 on fuel limitation reporting, section 7.4 on synchronization and disconnection procedures, and Attachment D & E. The manual will next be presented to the OC and MRC for endorsement.

E. Mr. Pilong reviewed changes to Manual 13: Emergency Operations. An additional change to the manual is needed as a result of the EOP-004-2 revision (effective 1/1/14). The changes were not ready for today’s meeting, but will be brought through the OC and MRC in October. The change will be brought back to the SOS meeting on 10/30 for a first and last read in order to meet the 1/1/14 deadline. Mr. Ciabattoni discussed the new software for unit start up notification. This software will be put in service on 9/26; however, data entry will be disabled for 90 days until compliance with FERC order 760 is reviewed and confirmed (scheduled for 12/23). Any XML changes should not be put in place until 12/23 as well. There will be a reminder at future SOS meetings of the 12/23 date when data entry can begin.

F. Ms. Reiter reviewed changes to Manual 3: Transmission Operations. The manual is up for semi-annual review with numerous changes to section 3, section 4, section 5, and Attachments A, E, & F. The manual will next be presented to the OC and MRC for endorsement.

6. NEW TIE LINE CUT-IN

A. Mr. Sells provided a cut-in update on the new EKPC Anderson tie line.

7. GENERATOR D-CURVE ACKNOWLEDGMENT PROCESS

A. Ms. Scott informed the SOS-G that Phase 1 of the annual Winter D-Curve acknowledgment process will begin on October 1st and end on October 31st. Generator owners are to review the D-curves available in eDART and acknowledge the values or submit any necessary updates.
8. **WINTER PREPARATION FOR SEVERE COLD WEATHER REPORTING**

   A. Mr. Schweizer mentioned NERC’s Webinar on Winter Preparation for Severe Cold Weather which will take place on October 2, 2013 from 2:00 – 3:00 pm Eastern. It is encouraged that SOS members participate to hear about several topics including a Reliability Guideline for generating unit winter weather readiness.

9. **REVIEW OF OPERATIONS (SOS-T MEETING)**

   A. SOS-T reviewed operational events and concerns. Mr. Pilong reviewed the hot weather events in September and mentioned that a special session of the SOS-T will convene to walk thru each event in an effort to gather thoughts and feedback. Procedures will be reviewed, specifically in M-03 and M-13 and modified as needed for clarity and accuracy. Mr. Bryson asked specifically for feedback on the SOS calls/communication during hot weather. All feedback should be sent directly to Mr. Bryson and/or Mr. Pilong.

   B. SOS-T determined if any new events warrant consideration under the Event Investigation Process. None identified.

10. **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. No issues or concerns were identified.

11. **SYSTEM ANALYSIS AND COORDINATION**

    A. Mr. Pilong reviewed the results of the load dump drill from 9/8/13.

    B. Mr. Lawruk reviewed the Winter 2013 – 2014 OATF study results.

12. **SYNCHROPHASER VISUALIZATION ACCESS OVERVIEW**

    A. Mr. Luna gave an overview of synchrophaser visualization access. With this access, TO’s will have a real-time view of synchrophaser data.

13. **OUTAGE ANALYSIS REPORTING SITE**

    A. Ms. Ike-Egbuonu presented on the Outage Analysis Reporting Site. Beginning November 1st, PJM will begin posting Outage Analysis reports to a secure site on PJM.COM.