The last meeting of the SIS was September 18, 2013 and the next meeting will be October 16, 2013.

1. **ICCP Link Update**
   Mr. Rich Glaum reviewed the report. Link uptime for August was a very good. There was one anomaly at PJM on August 2nd; Mr. Glaum will follow up and report back to the SIS.

2. **eSuite Update**
   Mr. Jerry Whooley reviewed the eSuite report. eLRS is upgrading the application servers on Oct 1st. In November, eDART will be releasing the Black Start Calculator. New Power Meter software will be available in the sandbox in December, with a production release targeted for Q1 2014.

3. **PJM’s Response to FERC Audit Recommendation 13**
   Mr. Ken Thomas (Senior Engineer, Model Management) and Mr. John Baranowski (Senior Consultant, Model Management) reviewed PJM’s response to FERC 2012 Audit Recommendation. This deals with the practices PJM uses for updates to the electric model. PJM uses a dual model approach, which represents both pre- and post-construction configuration. The model reflects expected conditions six to 12 months past the EMS build date. PJM liaises with Transmission Owners and other stakeholders, such as MISO, when appropriate.

   Mr. Thomas discussed model quality assurance. PJM and TOs routinely compare solutions to ensure consistency. Two weeks after transferring the test model to production, PJM will issue a summary of changes, a model difference report, and revised network model one-line diagrams.

   Mr. Thomas reviewed recommendation #13 from the report which affects the planning model and stated PJM agrees with the recommendation. PJM is working on validation and benchmarking criteria. The criteria are:
   - for two days pre- and post-implementation, the new model should converge > 98% of solutions;
   - the number of consecutive non-converged solutions should be less than 10;
   - the average number of solution iterations should be less than 20.
PJM is requesting members review and provide feedback regarding the plan to respond to FERC recommendation 13 and the proposed changes to Manual 03A. The goal is to have an agreed approach defined by October 1st.

4. **Synchrophasor Visualization**

   Mr. David Hislop (manager, Outage Analysis Technologies) and Mr. Michael Luna (Senior Technical Architect, Planning and Applied Solutions Applications) reviewed a presentation on synchrophasor visualization. This feature will allow 2 users at each company to view synchrophasor data at PJM. Only companies that participated in the DOE Grant are included. Users will run a client on a local PC and connect to PJM’s gateway.

   The initial group of companies is scheduled for October 2013, with the final group in December.

5. **Documents Reviewed**

   Mr. John Collier reviewed revisions to Manual 1. This was the second reading for revision 25. Mr. Ron Graff reviewed the SIS Charter and pointed out the minor changes that the OC made.

6. **Synchrophasor Performance Metrics Report**

   There was discussion around whether the SIS could commit to two percent data quality by the end of this year. The eventual target is 0.2%. PJM proposed the target for the end of 2013 to be 2.0%. There was a discussion about equipment that is still being installed and tested. Mr. Collier reviewed the monthly synchrophasor performance metrics and noted that the most significant item causing downtime is observed ‘drop errors.’ A drop error occurs when PJM does not receive information for a timeslot. A number of companies were above the two percent rate due to a number of spikes for the month. PJM network administrators confirmed the links were up during these periods, and Mr. Collier indicated PJM received data from other members. Further investigation is needed.

   The SIS agreed to establish a Synchrophasor Working Group. PJM will send out a list of people associated with the synchrophasor project, from which each TO will nominate members. PJM will then coordinate with all members to start up the working group. The working group will set the target error rate percentage to be achieved by the end of 2013.