



Meeting Minutes
PJM Interconnection
Joint System Operations Subcommittees –
Generation and Transmission
Conference Call
June 9, 2010
9:00 a.m. EDT

Transmission Members Present:

Mike Bryson, Chair	PJM Interconnection
Chris Pulong, Secretary	PJM Interconnection
Steve Alexander	PEPCO (PHI)
Ed Carmen	Baltimore Gas and Electric
Dave Mahler	Duquesne Light Company
Jeff Boltz	First Energy Corp.

Transmission Members Present via conference call:

Dave Lloyd	UGI Utilities Inc
Ron Schloendorn	PECO
Jeff Daniels	PPLEU
Randy Hunt	Virginia Electric and Power Company
Ron Wharton	PSE&G
Tom Buhler	Rockland Electric Co.
Ralph Cannon	Allegheny Power
Bob Fannin	Dayton Power & Light Company
John Garavaglia	Commonwealth Edison Company
Ernie Griggs	Neptune
Bruce Samblanet	Appalachian Power Company

Generation Members Present via conference call

Eric Bryant	FirstEnergy Solutions Corp
Martin Diamant	PSEG Energy Resources and Trade LLC
Mark Heimbach	PPL Martins Creek, LLC
Doug Helmick	Monongahela Power Company
Ken Keilholtz	RRI Energy
Steve Kimmish	PSEG Energy Resources and Trade LLC
Melanie Mancuso	Monongahela Power Company
Christina Rodi	Dominion Energy Marketing, Inc
Mark Gear	Exelon Generation Co, LLC
Billy McCranor	Tenaska



Also present

Ron Deloach	PJM Interconnection
Ray Gross	PJM Interconnection
Rus Ogburn	PJM Interconnection
Dave Souder	PJM Interconnection
Dave Schweizer	PJM Interconnection
Mark Holman	PJM Interconnection
Nick Winter	PJM Interconnection
Brad Gordon	PJM Interconnection
Keith Sadvari	PJM Interconnection
Joe Forest	PJM Interconnection
Matt Pincus	PJM Interconnection

1. ADMINISTRATION

- A. The Agenda for this meeting was approved
- B. The Draft Minutes of the May 12, 2010 SOS Joint Meeting were approved.

2. REVIEW OF OPERATIONS (9:05 - 9:30)

- A. Mr. Bryson to provide an update of System Operations
 - a. CPS 131.1%, BAAL 99.4% (NERC 100%), CPS2 86.3%, DCS 100%
 - i. The DCS reportable value was changed from 800MWs to 1000MWs on July 1, 2010.
 - b. The PJM issued Emergency Procedures on 5/26 for the Benning area of PEPCO were reviewed. The cause was high loads, a scheduled transmission outage, and the unplanned loss of a Benning unit.
 - i. Steve Huntoon questioned the load response values that were achieved in the area vs what was requested (40MWs vs 25MWs) and the compliance implications. It was noted that the compliance period begins 6/1. This event occurred on 5/26.
 - c. The PJM EMS state estimator problems on 5/28 were reviewed. There was a double COM server failure that caused the PJM State Estimator to fail. This also resulted in bad data being sent out on the ICCP links. There were impacts to TOs' and neighbors' State Estimators. The event is under a Level 2 Root Cause analysis. The results will be shared with the SOS, SIS and neighboring RCs when its available.



- d. The tornados that hit the ComEd area near Powerton on 6/5 were reviewed. There were four lines that tripped, two lines are expected back in-service in early July. All lines are expected to be back in late July or early August.

B. Member Operational Issues

- a. Mr. Alexander questioned the duration of the PCLLRW on 5/26 for the Wildercroft area. The overloads were alleviated around 1700hrs, but the PCLLRW was issued through 2100hrs. Mr. Bryson reported this was consciously left active to minimize the anticipated re-issuance of the PCLLRW for the evening peak.
- b. Mr. Gear questioned how the notifications for being picked up on Tier 2 are conveyed. This will be a topic for the July SOS meeting to discuss the existing process and any changes.

3. WORKING GROUP UPDATES

- A. eDART User Groups – Mr. Deloach gave an update on IRC enhancements for June 30th as well as future releases.
- B. Black Start Working Group (BSWG) - Mr. Schweizer gave an update on the groups activities and the progress towards addressing the Charter the MIC approved in January.
- C. Dispatcher Training Task Force (DTTF) – Mr. Gross reported the Seminar is complete. 9 sessions were held at two locations, with 660 total attendees. The average score was 4.7 out of 5.0 from the operators on satisfaction. For 2011, PJM is looking at two locations (Cleveland and Annapolis) and 10 sessions. For 2012, three locations are being considered.

4. SYSTEM OPERATOR TRAINING AND CERTIFICATION (9:45 – 9:50)

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

MOCS (65 total)

- 7 companies were non-compliant with respect to Training. None have mitigation plans
- 6 companies were non-compliant with respect to Certification. None have mitigation plans

LCCs – All companies were in compliance with respect to Training and Certification.

5. REGIONAL STANDARDS, NAESB, AND COMPLIANCE UPDATE

- A. Ms. Wesley gave an update on NERC, SERC, RFC and NAESB Regional Standards as well as PJM positions on those up for comment/ballot.



B. The SOS will address any ongoing member issues regarding NERC/RFC Audits.

i. No issues were raised.

6. OUTAGE ACCELERATION

Mr. Schweizer gave an update on the changes to the Outage Acceleration process that were initially brought through the Committee structure in May 2010. The SOS and OC both recommended moth-balling the process, but keeping it available to be used on an as requested basis and track use over the next two years. This will require a Tariff change and subsequent manual changes. The timeline is September 2010 to make the Tariff filing after additional Stakeholder feedback.

7. AC2 UPDATE

A. Mr. Ogburn gave an update on the SCED rollout. As of 09:30hrs this morning (6/9), PJM is operating permanently on the new RT SCED application. No issues have been identified.

B. Mr. Bryson gave a status update on the IEP tool and future enhancements.

8. SUMMER EP DRILL FOLLOW UP

Mr. Powell gave a review of the May 26th Emergency Procedures Drill. Participant feedback and changes to address the identified issues were reviewed. The debrief report will be sent out to the SOS later today.

9. RFC CIP COMMITTEE

Mr. Alexander will provide an update on the RFC CIP Committee. No update was given.

10. PRE SUMMER REACTIVE CAPABILITY REVIEW

A. Mr. Patil gave an update on Phase I and Phase II of the Pre Summer Reactive Capability Review.

i. Phase I: There are a total of 105 GOs that needed to acknowledge their D-Curves in eDart, 97 have acknowledged so far. PJM is working with the remaining companies to have them acknowledge their D-Curves.

ii. Phase II: There are a total of 16 TOs that need to acknowledge the D-Curves within their zone. 2 companies remain and PJM is working with them.



11. TESTING REMOVAL OF ICCP ZONAL COST SIGNALS

Mr. Hoffman reviewed a plan to test the removal of the ICCP zonal cost signals. The testing is being targeted for August 3, 2010. An All Call will be sent prior to the test. Any concerns should be directed to Jeff Hoffman (hoffmj@pjm.com) or Ed Hoey (hoeyep@pjm.com).

Mr. Kimmish noted this change and test will require a software upgrade for PSE&G to receive economic basepoints from the PJM EMS. Others echoed these concerns.

Mr. Heimbach expressed concerns that an EMS failure could result in problems/failures of the economic basepoints and recommended the zonal lambda signals not be retired.

12. MANUAL REVIEWS & UPDATES

- A. Mr. Bryson reviewed changes to Manual M-13 resulting from the annual review.
- B. Mr. Winter reviewed the plan for the SCCWG to perform the annual review of Manual M-36 and the individual TO Restoration Plans. 7/19/10 is the next meeting of the group. M-36 will be reviewed at that meeting as part of the annual review process.
- C. Mr. Souder reviewed changes to Manual M-3
 - a. The revised manual will be posted this week.
- D. Mr. Souder reviewed changes to Manual M-14D
 - a. The revised manual will be posted this week.

13. FUTURE AGENDA ITEMS (11:05 – 11:10)

- A. Reactive Curve Verification - Reoccurring
 - 1) Generator semi-annual review (October / April)
 - 2) LCC semi-annual review (November / May)
 - 3) Reactive Testing Update –Sanjay Patil
- B. Quarterly AC2 Project Update (March, June, September, December) – Dave Vicini
- C. 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)
- D. PJM Congestion Management/Post Contingency Congestion Management Facility submission Deadline (September) – Reoccurring
- E. SOS Charter Review – Annual (July)



F. Manual M-03 section 5 procedure review for CIP - (August)

14. FUTURE MEETINGS AND DRILLS

2010 Drills

November 10, 2010	Winter Emergency Procedures Drill (back-up Nov. 17)
October 6-7, 2010	AEP, Dayton & OVEC Restoration Drill
October 13-14, 2010	APS & Dominion Restoration Drill
October 18, 2010	PPL, PN & UGI Restoration Drill
October 19, 2010	JC and AE Restoration Drill
October 26-27, 2010	MISO/North American Restoration Drill
October 28-29, 2010	PEPCO & BGE Restoration Drill
November 2-3, 2010	PS, DPL & Rockland Restoration Drill
November 4, 2010	PECO & MetEd Restoration Drill
November 8-9, 2010	ComEd & Duquesne Restoration Drill

2010 Meetings

July 14, 2010	9:00 AM	Conference Call
August 11, 2010	9:00 AM	Conference Call
September 8, 2010	9:00 AM	PJM Interconnection
October 13, 2010	9:00 AM	Conference Call
November 10, 2010	9:00 AM	PJM Interconnection
December 8, 2010	9:00 AM	Conference Call

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