



Meeting Minutes
PJM Interconnection
Joint System Operations Subcommittees –
Generation and Transmission
PJM Service Center, Room S-1
April 14, 2010
9:00 a.m. EDT

Transmission Members Present:

Mike Bryson, Chair	PJM Interconnection
Chris Piong, Secretary	PJM Interconnection
Valerie Carter	PECO
Dave Lloyd	UGI Utilities Inc
Steve Alexander	PEPCO (PHI)
J.B. Rogers	Delmarva Power & Light Company

Transmission Members Present via conference call:

Jeff Daniels	PPLEU
Ed Carmen	Baltimore Gas and Electric
Randy Hunt	Virginia Electric and Power Company
Ron Wharton	PSE&G
Tom Buhler	Rockland Electric Co.
Jeff Boltz	First Energy Corp.
Bruce Samblanet	AEP
Ed Dinda	Allegheny Power
Bob Fannin	Dayton Power & Light Company
John Garavaglia	Commonwealth Edison Company

Generation Members Present via conference call

Mark Heimbach	PPL Martins Creek, LLC
Mark Grear	Exelon Generation Co, LLC
Eric Bryant	FirstEnergy Solutions Corp
Larry Curtis	Conectiv Energy Supply
Jim Donegan	Exelon Generation Co, LLC
Bob Pleiss	Constellation Power Source Generation, Inc
Ken Keilholtz	RRI Energy
Steve Kimmish	PSEG Energy Resources and Trade LLC

Also present

Ron Deloach	PJM Interconnection
Ray Gross	PJM Interconnection



Nick Winter
Tom Burns
Joe Ciabattoni
Rus Ogburn
Dave Souder
Cathy Wesley
Sanjay Patil
Dave Schweizer
Glen Boyle
Joe Forest

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1. ADMINISTRATION

- A. The Agenda for this meeting was approved.
- B. The Draft Minutes of the March 10, 2010 SOS Joint Meeting were approved with changes.

2. REVIEW OF OPERATIONS

- A. Mr. Bryson gave an overview of provide an update of System Operations
 - a. CPS1 128.3%, BAAL 99.3% (NERC 100%), CPS2 87%, DCS 100%
 - b. Mr. Bryson reviewed the frequency excursion event on 3/18/10.
 - c. PJM and PPL are working on an investigation of a switching event on 4/2/10 at approximately 2200hrs that impacted Susquehanna. Two investigations are under way. The first is to determine the reasons for the operator switching error. The second is to determine the reasons for the unexplained oscillations of the Susquehanna #2 unit (+/-200MWs). Additional details will be provided at the next SOS meeting.
- B. Member Operational Issues
 - a. No issues were raised.

3. WORKING GROUP UPDATES

- A. eDART User Groups – Mr. Deloach gave an update on eDart changes for future releases. The next release is scheduled for 5/5/10.
- B. Black Start Working Group (BSWG) - Mr. Bryson reported on the group's activities regarding NERC CIP cost recovery.
- C. Dispatcher Training Task Force (DTTF) – Mr. Gross reported the Seminar is in its fourth session. Feedback has been very positive so far.



4. SYSTEM OPERATOR TRAINING AND CERTIFICATION

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

LCCs: 17 companies total

Training: all companies were compliant

Certification: all companies were compliant

MOCs: 60 companies total

Training: 4 companies were non-compliant, 0 has a mitigation plan

Certification: 2 companies were non-compliant, 0 have mitigation plans

5. SPRING RESTORATION DRILL REVIEW

Mr. Winter reviewed the Spring 2010 restoration drill and the restoration drill feedback forms.

Mr. Winter reported that PJM is working to resurrect the System Restoration Coordinators Working Group. The group would serve to enhance the restoration drill coordination and ensure NERC compliance with each restoration plan. Each SOS member (G and T) was requested to submit a representative for this Group to Mike Bryson and/or Nick Winter (wintern@pjm.com) to support this effort. PJM will send an email to the group. If a representative is not given, the SOS contact will be used as the representative. The first coordination meeting for this Group is being targeted for May 2010.

6. SUMMER EMERGENCY PROCEDURES DRILL

Mr. Ciabattone reviewed and received approval of the Summer Emergency Procedures Drill script scheduled for 5/26/2010. The new language for activating “synchronous reserves” vs “spinning reserves” will be used in the Drill at 12:10. Following the Drill, the official All-Call language will also be changed to reflect this.

7. GCA IMPLEMENTATION

Mr. Ogburn reviewed the Generation Control Application and the changes associated with it. The SCED implementation timeline in the current control room and in the AC2 control room was also reviewed. The “Go-Live” date for the RT SCED to replace RT UDS is projected to mid-May. Communications will be sent to all members in advance of the cut-over.

A WebEx session will be scheduled for late April for Generation members to have additional training and to ask any questions. Details will be sent via email to the SOS and OC members.

8. AC2 UPDATES

A. Mr. Deloach gave an overview of the timelines for the “Parallel Ops” and “Go-Live” phase of the AC2 integration project, as well as the testing and implementation plans.



B. Mr. Deloach reviewed the retrofit transition plan from Pot Shop back to Valley Forge.

9. **BLACK OAK 500/138KV TRANSFORMER SPS**

Mr. Rick Boyd (Allegheny Power) reviewed the Black Oak 500/138kV Transformer SPS that is projected to be in-service 6/1/2010 (baseline project b0240).

10. **REGIONAL STANDARDS, NAESB, AND COMPLIANCE UPDATE**

A. Ms. Wesley gave an update on NERC, SERC, RFC and NAESB Regional Standard as well as the PJM comments on any applicable standards up for ballot or comment.

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

11. **RFC CIP COMMITTEE**

No update was given this month.

12. **REACTIVE CURVE VERIFICATION**

A. Mr. Patil gave an update on the generator semi-annual D-curve review. GOs are required to review and acknowledge their D-Curves in eDart by the end of the month. TOs will be required to review and acknowledge the D-Curves next month.

B. Mr. Patil reviewed changes to the reactive test procedures listed in Manual M-14D Attachments D, E and F. The changes made were to move many of the Attachment F items to Attachment E reduce redundancy and make the reactive testing process more clear. The new manual will be published by 5/1. Comments should be sent to Sanj

13. **PEPCO SECTIONALIZING SCHEMES**

In accordance with the procedure defined in Manual M-03, Mr. Alexander reviewed five sectionalizing schemes in the PEPCO area for inclusion in PJM Day Ahead and Real Time analysis.

14. **ENERGY RESOURCE CURTAILMENT**

Mr. Souder reviewed proposed manual and OATT changes related to energy resource bidding and curtailment. Based upon MIC feedback on 4/13 regarding ambient air over-performance of generation, there will be additional changes to the proposed language which will be re-circulated to the members. This will be presented to the MRC for vote next week looking for approval at the



June MC. If approved the changes will be sent to FERC and an estimated implementation date is September 2010.

15. MANUAL REVIEWS & UPDATES

- A. Mr. Bryson reviewed changes to Manual M-01 resulting from the annual review. There were only minor changes resulting from member input and the annual PJM staff review.
- B. Mr. Bryson led the SOS in the annual review of Manual M-03 and highlighted changes that were received from members. The final update will be reviewed again next month.
- C. Mr. Bryson reviewed changes to Manual M-12, M-13, M-36.

16. 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 –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)

17. FUTURE MEETINGS AND DRILLS

2010 Drills

May 26, 2010

November 10, 2010

October 6-7, 2010

October 13-14, 2010

October 18, 2010

October 19, 2010

Summer Emergency Procedures Drill (back-up June 2)

Winter Emergency Procedures Drill (back-up Nov. 17)

AEP, Dayton & OVEC Restoration Drill

APS & Dominion Restoration Drill

PPL, PN & UGI Restoration Drill

JC and AE Restoration Drill



October 26-27, 2010
October 28-29, 2010
November 2-3, 2010
November 4, 2010
November 8-9, 2010

MISO/North American Restoration Drill
PEPCO & BGE Restoration Drill
PS, DPL & Rockland Restoration Drill
PECO & MetEd Restoration Drill
ComEd & Duquesne Restoration Drill

2010 Meetings

May 12, 2010	9:00 AM	PJM Interconnection
June 9, 2010	9:00 AM	Conference Call
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

Author: Christopher Piong
Typist: Christopher Piong
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