



Meeting Minutes  
PJM Interconnection  
Joint System Operations Subcommittees –  
Generation and Transmission  
PJM Service Center, Room S-1  
March 10, 2010  
9:00 a.m. EDT

Transmission Members Present:

Mike Bryson, Chair	PJM Interconnection
Chris Pulong, Secretary	PJM Interconnection
Doug Myers	PPLEU
Bill Skumanich	PPLEU
Dave Mahler	Duquesne Light Company
Ed Carmen	Baltimore Gas and Electric
Ron Schloendorn	PECO
Dave Lloyd	UGI Utilities Inc
Steve Alexander	PEPCO (PHI)

Transmission Members Present via conference call:

Vic Davis	Delmarva Power & Light Company
Randy Hunt	Virginia Electric and Power Company
Russ Ewing	Duquesne Light Company
Cono Ragone	PSE&G
Todd Poynton	Rockland Electric Co.
Tom Buhler	Rockland Electric Co.
John Tavorimino	Rockland Electric Co.
Jeff Boltz	First Energy Corp.
Scott Lockwood	AEP
Ralph Cannon	Allegheny Power
Ernie Griggs	Neptune
Bob Fannin	Dayton Power & Light Company
John Garavaglia	Commonwealth Edison Company

Generation Members Present

Mark Heimbach	PPL Martins Creek, LLC
Mark Gear	Exelon Generation Co, LLC

Generation Members Present via conference call

Charles Bonner	Virginia Electric & Power Company
Eric Bryant	FirstEnergy Solutions Corp



Larry Curtis  
Jim Donegan  
Julie Penwell  
Bob Pleiss  
Gary Pleiss  
Ken Keilholtz  
Melanie Mancuso  
Ashley Pizzutelli  
Dave Brown

Conectiv Energy Supply  
Exelon Generation Co, LLC  
American Electric Power  
Constellation Power Source Generation, Inc  
Jersey Central Power & Light Company  
RRI Energy  
Allegheny Power  
Monongahela Power Co. d/b/a Allegheny Power  
Nexterra

Also present

Mike Hoke  
Ron DeLoach  
Dave Souder  
Cathy Wesley  
Patrick Brown  
Dave Schweizer  
Rich Souder  
Ken Thomas (via phone)  
Keith Sadvari  
Jordan Shenk

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**1. ADMINISTRATION**

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

**2. REVIEW OF OPERATIONS**

- A. Mr. Bryson to provide an update of System Operations
  - a. CPS1 139.5%, BAAL 99.6% (NERC 100%), CPS2 90.3%, DCS 100%
  - b. The 2/18/10 loss of both Calvert Cliffs units 1 and 2 (1750MWs) was reviewed. The SOS requested additional details regarding the cause and sequence of events, which Mr. Bryson will send after the meeting.
- B. Member Operational Issues
  - a. Mr. Gear noted that the Exelon MOC only received 4 All-Calls during the entire March Restoration drill. He will fill out the Restoration Drill feedback form to capture this.



- b. Mr. Hunt reported the Kerr Dam units went unstable around 1700hrs on 3/9/10. Initially it is believe to be a faulty AVR on unit #1 and a possible low side bus fault. The event is under investigation.

### **3. WORKING GROUP UPDATES**

- A. eDART User Groups – Mr. Deloach gave an update on eDart changes, highlighting the IRC changes for June.
- B. Black Start Working Group (BSWG) - Mr. Bryson reported on the group's activities and progress on agenda items. The next meeting is scheduled for 3/24/10.
- C. Dispatcher Training Task Force (DTTF) – Mr. Hoke gave provide an update on the DTTF activities. The Exam working group is continuing to work on the PJM Test questions.

### **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: 3 companies were non-compliant, 1 has a mitigation plan

Certification: 5 companies were non-compliant, 2 have mitigation plans

### **5. PJM AUDIT DISCUSSION**

Mr. Brown reviewed the recent Reliability Audit of PJM, including:

- a. The initial results/potential violations
- b. The “areas of concern” noted by the Audit Team.
- c. Discussion of the PJM Compliance Bulletins that were seen as a key piece of evidence the audit team was impressed by.
- d. The opening presentation given to the Audit Team, which will be sent to the SOS.

### **6. REGIONAL STANDARDS, NAESB, AND COMPLIANCE UPDATE**

- A. Ms. Wesley gave an update on NERC, SERC, RFC and NAESB Regional Standards and the associated PJM Comments.
- B. The SOS will address any ongoing member issues regarding NERC/RFC Audits. No additional issues were raised.



7. **RFC CIP COMMITTEE**

Mr. Alexander will provide an update on the RFC CIP Committee. There was nothing to report.

8. **WIND FARM OPERATIONAL MODEL WHITE PAPER**

Mr. Souder gave an update on the Wind Farm Operational Model White Paper initiative and requested feedback/input. Once completed, this will become part of Manual 14-D.

9. **ENERGY VS CAPACITY RESOURCE CURTAILMENT**

Mr. Souder gave an update on the energy vs. capacity resource curtailment initiative. Draft Manual language will be presented to the SOS at the April meeting after input is received from the MRC.

10. **NUC-001 UPDATE**

Mr. Souder reminded the SOS that NUC-001 will become a mandatory standard on 4/1/2010. Manual M-39 will be posted on 3/31/10 with an effective date of 4/1/2010. It was noted that the NPIRs will be referenced in the manual, but will not be posted due to the sensitive nature of the information.

11. **MANUAL REVIEWS & UPDATES**

- A. Mr. Bryson led the SOS in the annual review of Manual M-01 and requested each member review the manual for any changes. Recent changes to the manuals may have covered an in depth review, however PJM has requested that members also review and changes should be sent to Mr. Bryson for final review and approval at the April 2010 SOS meeting.
- B. Mr. Bryson reviewed changes to Manual M-03. Mr. Bryson also requested all members do a review of the manual in preparation of the annual review in April 2010. In particular, all members were requested to review their specific procedures in Section 5.
- C. Mr. Thomas reviewed changes to Manual M-03a
- D. Mr. Bryson reviewed changes to Manual M-10
- E. Mr. Bryson reviewed changes to Manual M-12
- F. Mr. Bryson reviewed changes to Manual M-13.
- G. Mr. Bryson reviewed changes to Manual M-14D
- H. Mr. Bryson reviewed changes to Manual M-36. Mr Bryson noted that updates to the TO restoration plans will also need to be captured during the PJM Annual review.



- I. Mr. Bryson reviewed changes to Manual M-39
- J. Mr. Bryson reviewed changes to Manual M-40
- K. Mr. Bryson reviewed changes to Manual M-41

## 12. 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)

## 13. FUTURE MEETINGS AND DRILLS

### 2010 Drills

May 26, 2010	Summer Emergency Procedures Drill (back-up June 2)
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



April 14, 2010	9:00 AM	Conference Call
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

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