



Meeting Minutes  
PJM Interconnection  
Joint System Operations Subcommittees –  
Generation and Transmission  
Conference Call  
August 12, 2009  
9:00 a.m. EDT

Transmission Members Present:

Mike Bryson, Chair	PJM Interconnection
Chris Pulong, Secretary	PJM Interconnection
Doug Myers	PPLEU
Russell Fernsler	PPLEU
Dave Lloyd	UGI Utilities Inc
Steve Alexander	PEPCO (PHI)
Vic Davis	ACE and Delmarva Power & Light Co
Dave Mahler	Duquesne Light Company
Russ Ewing	Duquesne Light Company

Transmission Members present via conference call

Ron Schloendorn	Exelon Energy Company (PECO Energy)
Bill Keagle	Baltimore Gas and Electric
Ron Wharton	PSE&G
Randy Stine	First Energy Corp.
Tom Buhler	Rockland Electric Company
Ralph Cannon	Allegheny Power
Bob Fanin	Dayton Power and Light Co
Randy Hunt	Virginia Electric Power Co
Mark Klohonatz	Allegheny Power
John Garavaglia	Commonwealth Edison Company
Dave Pritchard	AEP
Ernie Griggs	Neptune Regional Transmission System, LLC

Generation Members Present via conference call

Eric Bryant	FirstEnergy Solutions Corp
Mark Grear	Exelon Generation Co, LLC
Mark Heimbach	PPL Martins Creek, LLC
Melanie Mancuso	Allegheny Power
Hal Siegrist	Mirant Potomac River, LLC
Louis Slade	Dominion Energy Marketing, LLC
Rich Brown	FirstEnergy Regulated Commodity Sourcing
Bob Pleiss	Constellation Power Source Generation



Eric Seidler  
Christina Rodi

Ameren Energy Marketing  
Dominion Energy Marketing, LLC

Also present

Dave Souder  
Glen Boyle  
Mike Hoke  
Ron Deloach  
Leanne Harrison  
Jacquie Smith (via call)

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Reliability First Corp.

**1. ADMINISTRATION**

- A. The Agenda for this meeting was approved with changes.
- B. The draft Minutes of the July 8, 2009 SOS Joint Meeting were approved with changes.

**2. REVIEW OF OPERATIONS**

- A. Mr. Bryson gave an update of System Operations for the month of July 2009.
  - a. CPS1 145.0%, BAAL 99.7% (NERC 100%), CP2 89.8%, DCS 100%
- B. Mr. Williams gave a review of system conditions following the Hot Weather Alert on August 10, 2009. Balance and Operating Reserves (BOR), Perfect Dispatch and transmission issues were highlighted.
- C. Member Operational Issues
  - a. Dave Mahler noted that on 9/24-9/25 Pittsburgh will be hosting the G-20 summit.
  - b. Hal Siegrist (Mirant) questioned if eDart tickets need to be entered if AVR's drop out of service for a short duration (unplanned). Mr. Bryson responded that PJM is reviewing based upon NERC compliance and duration of unplanned outage. PJM will follow up with RFC to get clarification on compliance. PJM will update Manual M14-D to memorialize the exact requirements for AVR outage reporting under different scenarios.

**3. WORKING GROUP UPDATES**

- A. eDART User Groups – Mr. Deloach gave an update of future eDart changes. Changes to allow the reporting of generator Power System Stabilizer (PSS) outages to support NERC compliance were highlighted. Timeline to deploy the change is tentative but will be implemented before the end of the year. Mr. Heimbach requested the submission ticket form



be review to clarify the difference between planned and emergency outages. The SOS discussed the possibility of creating an eDart manual. PJM will discuss the options internally to see what is feasible.

- B. Black Start Working Group (BSWG) - Mr. Bryson gave an update on the group's activities. The group is targeting September for the next meeting.
- C. Dispatcher Training Task Force (DTTF) – Mr. Boyle gave an update on the DTTF activities. The first draft of the 2010 Operator Seminar is under development and will be distributed to the SOS in September. PJM Certification exam question updates have been submitted to the testing vendor and the exam working group will then review. Target is spring 2010 for the new exam.

#### 4. **SYSTEM OPERATOR TRAINING AND CERTIFICATION** (9:30 – 9:35)

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

#### 5. **PJM CERTIFICATION REQUIREMENTS FOR SMALL GENERATOR OPERATORS** (9:35 – 9:45)

Mr. Boyle reviewed proposed changes to PJM M-40 to allow small generator operators (operate less than 100MWs, do not participate in Regulation or Synchronous Reserve Markets, do not operate Black Start units) to be exempt from the PJM Certification Requirements. A successful passing grade on an Operator Readiness Exam would be required. Proposed implementation is 1/1/10.

Mr. Siegrist requested the statistics for using a 50MW cut off and regional concentration of the exempt generation for the 100MW and 50MW cut off levels be provided for the Operating Committee meeting. Mr. Heimbach requested a 75MW cut off to align with NERC registration requirements.

The changes and revised statistics will be brought to the next Operating Committee meeting for approval.

#### 6. **PJM RESTORATION DRILL DATE REVIEW**

This Item was moved to the SOS-T meeting.

#### 7. **NERC/RFC/SERC/NAESB STANDARDS AND COMPLIANCE UPDATE**

A. Ms. Harrison and Ms. McGill gave an update on NERC, NAESB, SERC and RFC Regional Standards. Standards up for ballot and comment were reviewed. PJM positions on the standards were also reviewed.

Notes and action items from the 8/5/09 TO Matrix meeting were reviewed. Additional discussion is planned for the SOS T Meeting.



- B. The SOS will address any ongoing member issues regarding NERC/RFC Audits. No issues were raised. PPL Energy, AEP and ComEd reported upcoming audits in the next 90 days.

## 8. RFC CIP COMMITTEE

Mr. Alexander and Mr. Keagle gave an update on the RFC CIP Committee. Mr. Keagle reported that a CIP questionnaire and self certification request was sent out by RFC.

## 9. GPM FEEDBACK

Mr. Souder requested member operational feedback on the Generation Performance Monitor (GPM) tool. Mr. Heimbach noted that the existing data lag when viewing multiple units makes the tool unusable for real time operations. Mr. Souder responded that the intent of the program is to roll out the displays to the individual plants, not the MOC level. Mr. Keilholtz reported that RRI Energy has utilized the PJM provided ICCP points to build their own displays, rather than GPM, with more internal success. PJM has requested the GPM vendor look at system performance issues to enhance the tool, which may address some of the concerns.

## 10. EOP-003-1 DATA REQUEST FOR LOAD SHEDDING PLANS

Mr. Souder reviewed the PJM request for Load Shedding Plans from the members in support of EOP-003-1 compliance. Information should be provided to Sanjay Patil in accordance with letter than was sent.

## 11. ANNUAL MANUAL REVIEW

- A. Mr. Bryson will reviewed changes to Manual M-12 resulting from the annual review.
- B. Mr. Souder will review changes to Manual 3.
- C. Mr. Hoey will review changes to Manual 10.

## 12. MANUAL UPDATES (10:40 – 10:50)

- A. Mr. Bryson reviewed proposed changes to manuals M-1, M-03, M-12, M-13, M-36, M-14D.
- B. Mr. Bryson reviewed Manual M-13 and discussed operational and emergency directives. Use of the word "directive" in communication from PJM was discussed. The Transmission members did not support this as a requirement. PJM suggested that if there is a question if a directive has been issued, clarification should be requested. PJM will add clarification to Manual M-01 Section 4 and the use of the term "directive".
- C. Mr. Bryson will review changes to Manual M-37. No changes noted.



D. Mr. Bryson will review changes to Manual M-38. No changes noted.

**13. FUTURE AGENDA ITEMS (10:50 – 10:55)**

- 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 Reactive Analysis (Feb, April, July/August, October) – Bill Herbsleb
- C. Quarterly AC2 Project Update (March, June, September, December) – Dave Vicini
- D. 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)
- E. PJM Congestion Management/Post Contingency Congestion Management Facility submission Deadline (November) – Reoccurring
- F. SOS Charter Review – Annual (July)
- G. Manual M-03 section 5 procedure review for CIP - (August)

**14. FUTURE MEETINGS AND DRILLS**

**2009 Drills**

September 23 - 24, 2009	Fall Restoration Drill – Dominion
September 30 – October 1, 2009	Fall Restoration Drill – AEP, Dayton and OVEC
October 7, 2009	Fall Restoration Drill – JC and AE
October 13, 2009	Fall Restoration Drill – PPL, UGI & PN
October 14 - 15, 2009	Fall Restoration Drill – PEPCO & BGE
October 20 - 21, 2009	Fall Restoration Drill – PS, DPL and Rockland
October 22, 2009	Fall Restoration Drill – PECO and MetEd
October 27 - 28, 2009	Fall Restoration Drill – ComEd and Duquesne
November 4 - 5, 2009	Fall Restoration Drill – APS
November 10, 2009	Winter Emergency Procedures Drill (back-up Nov. 17)

**2009 Meetings**

September 9, 2009	9:00 AM	PJM Interconnection
October 14, 2009	9:00 AM	Conference Call
November 11, 2009	9:00 AM	PJM Interconnection



December 9, 2009

9:00 AM

Conference Call

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