



**Meeting Minutes**  
**PJM Interconnection**  
**Joint System Operations Subcommittees –**  
**Generation and Transmission**  
**Conference Call**  
**July 8, 2009**  
**9:00 a.m. EDT**

Transmission Members Present:

Mike Bryson, Chair	PJM Interconnection
Chris Pulong, Secretary	PJM Interconnection
Doug Myers	PPLEU
Jeff Daniels	PPLEU
Dave Lloyd	UGI Utilities Inc
Steve Alexander	PEPCO (PHI)
Ron Schloendorn	Exelon Energy Company (PECO Energy)
Vic Davis	ACE and Delmarva Power & Light Co

Transmission Members present via conference call

Bill Keagle	Baltimore Gas and Electric
Dave Mahler	Duquesne Light Company
Ron Wharton	PSE&G
John Niola	First Energy Corp.
Tom Buhler	Rockland Electric Company
Ed Dinda	Allegheny Power
Don Gebele	Dayton Power and Light Co
Randy Hunt	Virginia Electric Power Co
Mark Klohonatz	Allegheny Power
Ron Regner	Commonwealth Edison Company
Bruce Samblanet	AEP
Ernie Griggs	Neptune Regional Transmission System, LLC

Generation Members Present

Louis Slade	Virginia Electric & Power Co
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Generation Members Present via conference call

Mark Heimbach	PPL Martins Creek, LLC
Rich Brown	FirstEnergy Regulated Commodity Sourcing
Charles Bonner	Virginia Electric & Power Co
Eric Bryant	FirstEnergy Solutions Corp
Frank Dinsmore	Appalachian Power Co



Mark Grear  
Melanie Mancuso  
Hal Siegrist  
Stephen Knapp  
Steve Kimmish

Exelon Generation Co, LLC  
Allegheny Power  
Mirant Potomac River, LLC  
Constellation Power Source Generation  
PSEG

Also present

Dave Souder  
Glen Boyle  
Mike Hoke  
Ron Deloach  
Patrick Brown  
Leanne Harrison

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**1. ADMINISTRATION**

- A. The Agenda for this meeting was approved.
- B. The Draft Minutes of the June 10, 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 June
  - a. PJM RTO CPS1 143.5%, BAAL 99.6% (NERC 100%), CPS2 89.3%, DCS 100%
  - b. The “All Call Detail Report” was reviewed for the 6/22 and 6/29 All Calls. PJM will send an updated “key” to explain the abbreviations used in the All Call Detail Report. The reports are archived for audit support.
  - c. The weekly “Satellite Phone Test Report” was reviewed. Feedback was requested from the SOS regarding a concern about sending out the satellite phone numbers. Considering that the report is only sent to the SOS G and T representatives, the SOS agreed it is acceptable to send the phone numbers as part of the report.

Replacement phone technology was also discussed to improve upon the existing system. PJM is holding off until the AC2 project is complete.

- B. Member Operational Issues

**3. ANNUAL SOS CHARTER REVIEW**

Mr. Bryson led the SOS in the annual review of the Committee Charter. The Charter was approved with changes.



#### **4. WORKING GROUP UPDATES**

- A. eDART User Groups – Mr. Deloach gave an update on eDart changes.
- B. Black Start Working Group (BSWG) - Mr. Bryson provided an update on the group’s activities and Tarriff language changes.
- C. Dispatcher Training Task Force (DTTF) – Mr. Hoke informed the SOS that new questions are being submitted for the revised certification test. The new test will be published in 1<sup>st</sup> or 2<sup>nd</sup> quarter of 2010.

#### **5. SYSTEM OPERATOR TRAINING AND CERTIFICATION**

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

- A. Of the 56 MOCs, 10 were out of compliance with respect to training, 5 have mitigation plans. 3 were out of compliance with respect to certification, 1 has a mitigation plan.
- B. Of the 17 LCCs, 1 was out of compliance with respect to training, but has a mitigation plan. 1 was out of compliance with respect to certification, but has a mitigation plan.

The Committee discussed the importance of meeting certification requirements for NERC TO/TOP compliance. The Committee also discussed the option of requesting permission from NERC to allow the PJM Certification to supplant the NERC Certification.

#### **6. NERC/RFC/SERC STANDARDS AND COMPLIANCE UPDATE**

- A. Mr. Brown gave an update on NERC, RFC, SERC and NAESB Regional Standards. PJM comments/positions on the standards were reviewed.
- B. Mr. Brown reviewed the “**NERC Public Notice Posted - #2009-004 Providing Access to and Copies of Evidence to Regional Entity, NERC and FERC Staff**”. This bulletin requires the sharing of CEII information with the RRO.
- C. Mr. Bryson and Mr. Brown discussed the NERC CIP Supplemental Questionnaire and PJM’s position on how to handle asset identification. The Transmission and Generation Owners have already identified the CIP critical assets. PJM will clarify to NERC that as the Operator, we defer to the Owner for CIP critical asset identification.
- D. The SOS will address any ongoing member issues regarding NERC/RFC Audits. No issues raised.



## **7. NERC NUCLEAR PLANT INTERFACE STANDARD (NUC-001)**

Mr. Souder discussed plans to comply with NUC-001 including:

- Timeframe to publish Manual 39: Nuclear Plant Interface Coordination. The target date to publish is either 8/1/09 or 9/1/09 depending upon member feedback at the Committee meetings, with an effective date of 4/1/2010. Comments on the manual should be sent to Mr. Souder.
- The intent of Attachment B: Plant Specific Requirements as developed by the NGOUG. Conference calls with the Nuclear Owners of each plant to review the NPIRS are ongoing. The next step will be to share plant specific NPIR with PJM and Transmission Owners
- Review of the NUC-001 Transmission Entity List.

## **8. WIND POWER FORECASTING UPDATE**

Mr. Souder gave an update on the Wind Power Forecast Tool, manual and operational changes. Forecast has been running since April of 2009. Aggregate output data is posted to eData. The aggregate forecast will also be posted to eData within the next two months. The forecast data is also being implemented in the Reserve Adequacy runs and Day Ahead Transmission Analysis.

Mr. Boyle noted that there is a training presentation available regarding the operational impacts of wind generation

## **9. CRITICAL INFRASTRUCTURE PROTECTION**

Mr. Souder gave a status report on the effort to review the existing PJM RTO Guidelines for determination of TO/GO critical asset. It was noted that it is the asset owner's responsibility to determine what is critical. Additional clarity on the GO contact information will be added. The document will be reviewed at the next Operating Committee meeting.

## **10. RFC CIP COMMITTEE**

Mr. Alexander and Mr. Keagle gave an update on the RFC CIP Committee. No meeting has occurred since the previous SOS meeting.

## **11. ANNUAL MANUAL REVIEW**

- A. Mr. Bryson led the SOS in the annual review of PJM Manual M-12. Changes should be sent to Mr. Bryson.
- B. Mr. Bryson reviewed changes to Manual M-36 resulting from the annual review. This manual was posted on 6/30/2009 and marked as annually reviewed.



## 12. MANUAL UPDATES

- A. Mr. Souder reviewed changes to Manual M-03. The changes will help support RFC/NERC compliance.
- B. Mr. Bryson reviewed changes to Manual M-13. Attachment E is being revised and changes will be sent out to the SOS for comment.
- C. Mr. Bryson reviewed changes to Manual M-37 that was posted on 6/30/09.
- D. Mr. Bryson reviewed changes to Manual M-38 that was posted on 6/30/09.

## 13. FUTURE AGENDA ITEMS (10:45 – 10:50)

- 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 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  
November 4-5, 2009  
November 10, 2009

Fall Restoration Drill – ComEd and Duquesne  
Fall Restoration Drill – APS & Dominion  
Winter Emergency Procedures Drill (back-up Nov. 17)

**2009 Meetings**

August 12, 2009	9:00 AM	Conference Call
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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