



Meeting Minutes
PJM Interconnection
Joint System Operations Subcommittees –
Generation and Transmission
PJM Service Center, Room S-1
May 12, 2010
9:00 a.m. EDT

Transmission Members Present:

Mike Bryson, Chair	PJM Interconnection
Chris Piong, Secretary	PJM Interconnection
Ron Schloendorn	PECO
Dave Lloyd	UGI Utilities Inc
Steve Alexander	PEPCO (PHI)
J.B. Rogers	Delmarva Power & Light Company
Ed Carmen	Baltimore Gas and Electric

Transmission Members Present via conference call:

Jeff Daniels	PPLEU
Randy Hunt	Virginia Electric and Power Company
Ron Wharton	PSE&G
Tom Buhler	Rockland Electric Co.
Jeff Boltz	First Energy Corp.
Ralph Cannon	Allegheny Power
Bob Fannin	Dayton Power & Light Company
John Garavaglia	Commonwealth Edison Company
Pat Conti	Duquesne Light Company
Ernie Griggs	Neptune

Generation Members Present

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

Generation Members Present via conference call

Donna LeFevre	Virginia Electric & Power Company
Ned Satkowski	PSEG Energy Resources and Trade LLC
Eric Bryant	FirstEnergy Solutions Corp
Jim Donegan	Exelon Generation Co., LLC
Ken Keilholtz	RRI Energy
Melanie Mancuso	Monongahela Power Company
Larry Curtis	Conectiv Energy Supply



Bob Pleiss
Ron Ryckman

Constellation Power Source Generation, Inc
Ameren

Also present

Ron Deloach
Ray Gross
Glen Boyle
Donnie Bielak
Dave Souder
Dave Schweizer
Joe Forest

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1. ADMINISTRATION

- A. The Agenda for this meeting was approved.
- B. The Draft Minutes of the April 14, 2010 SOS Joint Meeting were approved.

2. REVIEW OF OPERATIONS

- A. Mr. Bryson to provide an update of System Operations
 - a. CPS1 127.2%, BAAL 99.3% (NERC 100%), CPS2 86.5%, DCS 100%
 - b. Mr. Bryson reviewed the Keystone-Conemaugh trip at 1540hrs on 5/10 and the Conemaugh #1 trip at 1556hrs. The unit was loaded at 840MWs. Both trips are attributed to storms in the area, but investigation is on-going. The SOS questioned the high (\$500) LMPs seen in the Mid Atlantic area. PJM will follow up and report additional information back to the SOS.
- B. Member Operational Issues
 - a. No issues identified.

3. WORKING GROUP UPDATES

- A. eDART User Groups – Mr. Deloach gave an update on eDart IRC changes for June 2010. Mr. Heimbach noted that M-12 changes will be required for alignment with the eDart IRC changes. Mr. Bryson noted the manuals have been approved, but not yet published.
- B. Black Start Working Group (BSWG) - Mr. Schweizer gave an update on the group's activities, noting that the MIC and MRC have endorsed the formula rate adjustment and associated manuals changes. The next BSWG meeting is scheduled for 5/17.



- C. Dispatcher Training Task Force (DTTF) – Mr. Gross gave an update on the Seminar progress. The feedback from the operators at the end of each session has indicated a successful Seminar.

4. SYSTEM OPERATOR TRAINING AND CERTIFICATION

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

MOCs: 60 total

- 4 were non-compliant with respect to certification. No mitigation plans have been developed yet due to time devoted to the Seminar.
- 2 were non-compliant with respect to training. No mitigation plans have been developed yet due to time devoted to the Seminar.

LCCs 16 total: all were compliant with respect to training and certification

5. REGIONAL STANDARDS, NAESB, AND COMPLIANCE UPDATE

- A. Mr. Bryson gave an update on NERC, SERC, RFC and NAESB Regional Standards as well as the PJM positions on standards up for comment and ballot. The changes for the CIP standards were noted and the members were requested to review and provide their comments to NERC.
- B. The SOS will address any ongoing member issues regarding NERC/RFC Audits.

6. UDS ON REASON CHANGES

Mr. Bielak reviewed the following new UDS On Reason changes

- A. Addition of “Reactive Gen Steam” on reason:
 - 1) Members will now receive a new reason code of 31 through AGC when on for reactive generation and dispatchable.
- B. Change of “Area Max” to “Area Max Steam” on reason:
 - 1) When members receive the reason code of 10 through AGC, they will now be on for area max and dispatchable (this was previously a non-dispatchable reason).

Ned Satkowski (PSEG) requested a full list of the UDS On-Reasons be made publicly available. PJM will amend a prior list and resend to the SOS.

7. OUTAGE ACCELERATION PROCESS

Mr. Schweizer led a discussion on the status of the PJM Outage Acceleration Process and viability of continuing the current process. Under the current process, since 2006 only 2 outages have been accelerated. The group discussed how the new 6-month outage analysis process by PJM is often



the catalyst for acceleration and shifting of outages, outside of the Outage Acceleration process. PJM proposed to eliminate the process or modify the process, which currently take about 10 work days per month, to allow additional focus be placed on the 6-month and 1-month analysis where value to the members has been proven. The SOS-T members supported the retirement of the process, the SOS G members supported the modified process proposed. The changes will be brought through the Committee structure.

8. RFC CIP COMMITTEE

No update given

9. REACTIVE CURVE VERIFICATION

A. Mr. Pulong gave update on the generator semi-annual D-curve review noting that the TOs should be reviewing and validating the D-Curves in eDart this month. Mr. Heimbach asked to see if there is a 5-year test plan that will be re-sent this year. PJM will follow up.

10. MANUAL REVIEWS & UPDATES

- A. Mr. Bryson reviewed changes to Manual M-03 resulting from the annual review. There were no new changes since the April SOS meeting update.
- a. Due to formatting issues, the latest red-line version of the manual is not yet available but will be sent out prior to the OC meeting for review.
- B. Mr. Bryson led the SOS in the annual review of Manual M-13
- a. There are no changes submitted by the SOS. The manual will be republished with the annual review noted.
- C. Mr. Bryson reviewed changes to Manual M-36
- D. Mr. Boyle reviewed changes to Manual M-40, highlighting the new training requirements for demand response resources and storage resources that will provide regulations.

11. 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)

12. 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

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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