



**DRAFT Meeting Minutes**  
**PJM Interconnection**  
**Joint System Operations Subcommittees –**  
**Generation and Transmission**  
**Service Center, S-1**  
**September 14, 2011**  
**9:00 a.m. EDT**

Transmission Members Present:

Adam Keech, Chair	PJM Interconnection
Liem Hoang, Secretary	PJM Interconnection
Steve Alexander	Potomac Electric Power Company
Ed Carmen	Baltimore Gas and Electric
Mark Gear	Exelon Generation Co., LLC
JB Rogers	Delmarva Power & Light Company

Transmission Members Present via conference call:

Tim Abbott	Duke Energy Ohio, Inc
Tom Buhler	Rockland Electric Co.
Ralph Cannon	Allegheny Power
Randy Hunt	Virginia Electric and Power Company
Mark Klohonatz	Allegheny Power
Dave Mahler	Duquesne Light Company
David Pritchard	AEP Ohio Transmission Company, Inc.
Randy Stine	First Energy Corp.
James Sullivan	Neptune Regional Transmission System, Inc
Ron Wharton	PSE&G

Generation Members Present via conference call

Bryan Dennstedt	City Power Marketing, LLC
Martin Diamant	PSEG Energy Resources and Trade, LLC
Mark Heimbach	PPL Martins Creek, LLC
Sandra Hopkins	Virginia Electric & Power Co
Leonardo Martinez	Edison Mission
Ron Palcic	FirstEnergy Solutions Corp.
Don Schopp	Constellation Energy Commodities Group
Vince Stefanowicz	PPL Martins Creek, LLC

Also present

Glen Boyle	PJM Interconnection
Mike Bryson	PJM Interconnection



Tom Burns	PJM Interconnection
Rob Dropkin	PJM Interconnection
Joe Forrest	PJM Interconnection
Ray Gross	PJM Interconnection
Bill Harm	PJM Interconnection
Tom Hauske	PJM Interconnection
Chidi Ike-Egbuonu	PJM Interconnection
Chris Pilog	PJM Interconnection
Dave Souder	PJM Interconnection
Rich Souder	PJM Interconnection

## 1. **ADMINISTRATION**

- A. The Agenda for this meeting was approved with addition of Item 10.
- B. The Draft Minutes of the August 10, 2011 SOS Joint Meeting were approved.

## 2. **REVIEW OF OPERATIONS**

- A. Mr. Keech provided an update of System Operations for the month of August.
  - a. CPS1 was 145.5%, CPS2 was 87.9%, BAAL was 99.7%
  - b. Four 100% spinning events, four DCS events, eight Share Reserves events
  - c. 56 PCLLRWs
  - d. Operational issues from the east coast earthquake and Hurricane Irene events in August: PJM operated conservatively for the hurricane by scheduling additional generation. The two events caused the tripping of a nuclear plant and several transmission facilities.
- B. Member Operational Issues: None identified.

## 3. **WORKING GROUP UPDATES**

- A. eDART User Groups – Ms. Ike-Egbuonu gave an update on eDart changes in the fall release. The fall changes will not affect Members.
- B. Black Start Service Task Force (BSSTF) - Mr. Hoang gave an update on the task force's activities. The CIP Costs Additive to Existing Rates tariff filing was made on 8/30/11. The task force continued to work on the cost recovery proposals.
- C. Dispatcher Training Subcommittee (DTS) – Mr. Gross provided an update. Many registrations have been received for ITP training. The 2012 Seminar draft agenda is in development and will



be presented at a future SOS meeting. The Seminar's main theme is emergency preparedness.

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

- A. Mr. Gross reviewed the results of certification and mitigation plan statuses. Out of 90 MOCs, 16 were out of compliance. Out of 19 LCCs, one was out of compliance.

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

- A. Mr. Harm provided an update on NERC, SERC, RFC, and NAESB Regional Standards. There are initial ballots on BES definition and Protection maintenance standards. There are no new updates on CVIs.
- B. The SOS will address any ongoing Member issues regarding NERC/RFC Audits. None identified.

#### **6. AC2 UPDATE**

- A. Mr. D Souder provided an update on AC2 Go-Live, which include the timeline, member impact, and communication plan. AC2 Go-Live is targeted for the October 11<sup>th</sup> - November 1<sup>st</sup> window. The window will be used to address production issues. The EMS Model Build is scheduled for late September. Any changes will be communicated to Members.

#### **7. SOUTHWEST OUTAGE REVIEW AND DISCUSSION**

- A. Mr. R Souder reviewed the Southwest Outage Event in ERCOT and recommendations. The Southwest experienced extreme cold weather in February 2011 that led to rolling blackouts and a 1/3 of generators unavailable. The FERC/NERC recommendations were compared to PJM's processes for future consideration.

#### **8. EARTHQUAKE/STORM DISCUSSION**

- A. Mr. Bryson led a lessons learned discussion from the Irene storm and earthquake events. PJM and Mr. Burns will compile a list of experiences and recommendations for future SOS and OC review. Members shared experiences with cell phone/communication difficulties, over-tripping of transmission facilities, evacuation of control rooms, procedure awareness, and other communication methods such as portable satellite phones and texting.

#### **9. MANUAL REVIEWS & UPDATES**

- A. Mr. Keech reviewed Manual 01, Manual 12, and Manual 13 changes and requested approval. The SOS did not object to the changes.



- B. Mr. R Souder reviewed Manual 38 and requested approval. The SOS did not object to the changes.
- C. Mr. R Souder reviewed Manual 03 and requested approval. The SOS did not object to the changes.
- D. The review of draft Manual 14B language to incorporate Manual 05 item was deferred to a future meeting.

## **10. GENERATOR PERFORMANCE MONITOR (GPM) STATUS**

- A. Mr. Alexander requested an update on GPM status. Mr. Dropkin indicated that the increased scalability is slowing the program down. Currently, about 40% of generators are in GPM and PJM is working to include more generators. PJM will provide a target date when GPM will include more generators.

## **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 – Robert Dropkin
- B. VAR-002 COMPLIANCE – Dave Souder
- C. Capacity Max Notification and Start up times – Mike Bryson
- D. Quarterly AC2 Project Update (March, June, September, December) – Dave Vicini
- E. 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)
- F. PJM Congestion Management/Post Contingency Congestion Management Facility submission Deadline (September) – Reoccurring
- G. SOS Charter Review – Annual (July)
- H. Manual M-03 section 5 procedure review for CIP - (August)
- I. GPM Status – Robert Dropkin



## 12. FUTURE MEETINGS AND DRILLS

### 2011 Drills

November 8, 2011	Fall Emergency Procedures Drill (back-up Nov 15)
October 4, 2011	APS Restoration Drill
October 5-6, 2011	AEP, Dayton and OVEC Restoration Drill
October 11, 2011	FE-PN and FE-ATSI Restoration Drill
October 12-13, 2011	Dominion, Duke Ohio and Kentucky Restoration Drill
October 19, 2011	PPL and UGI Restoration Drill
October 20, 2011	FE-JC and AE Restoration Drill
October 26-27, 2011	PEPCO and BGE Restoration Drill
November 2-3, 2011	PS, DPL and Rockland Restoration Drill
November 4, 2011	PECO and FE-ME Restoration Drill
November 9-10, 2011	ComEd and Duquesne Restoration Drill

### 2011 Meetings

September 14, 2011	9:00 AM	PJM Interconnection
October 12, 2011	9:00 AM	Conference Call
November 9, 2011	9:00 AM	PJM Interconnection
December 14, 2011	9:00 AM	Conference Call

### 2012 Meetings

January 11, 2012	9:00 AM	PJM Interconnection
February 8, 2012	9:00 AM	Conference Call
March 14, 2012	9:00 AM	PJM Interconnection
April 11, 2012	9:00 AM	Conference Call
May 9, 2012	9:00 AM	PJM Interconnection

Author: Liem Hoang  
Typist: Liem Hoang  
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