



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

Transmission Members Present:

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| Mike Bryson, Chair | PJM Interconnection |
| Chris Pulong Secretary | PJM Interconnection |
| Steve Alexander | PEPCO (PHI) |
| Bill Skumanich | PPLEU |
| Dave Mahler | Duquesne Light Company |
| Dave Lloyd | UGI Utilities Inc |
| J.B. Rogers | Delmarva Power & Light Company |

Transmission Members Present via conference call:

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| Ron Schloendorn | PECO |
| Mark Klohonatz | Allegheny Power |
| Ralph Cannon | Allegheny Power |
| John Garavaglia | ComEd |
| Todd Poynton | Rockland Electric Company |
| Bob Fannin | Dayton Power & Light Company |
| Dave Jenkins | Virginia Electric and Power Company |
| Bruce Samblanet | Appalachian Power Company |
| Jeff Boltz | First Energy Corp. |
| Ron Wharton | PSE&G |
| Ted Daniecki | Baltimore Gas and Electric |

Generation Members Present

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| Mark Gear | Exelon Generation Co, LLC |
| Mark Heimbach | PPL Martins Creek, LLC |
| Vince Stefanowicz | PPL Martins Creek, LLC |
| Steve Kimmish | PSEG Energy Resources and Trade, LLC |
| Tony Lindeman | FirstEnergy Solutions Corp |

Generation Members Present via conference call

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| Charles Bonner | Virginia Electric & Power Co |
| Eric Bryant | FirstEnergy Solutions Corp |



Jim Benchek
Gerald Huff
Ken Keilholtz
Eddie Martinez
Bob Pleiss
Gary Pleiss
Richard Plutschak
Tim Talmadge
Rich Nuckols

FirstEnergy Solutions Corp
FirstEnergy Solutions Corp
RRI Energy
Dominion Energy Marketing, Inc
Constellation Power
Jersey Central Power & Light Co
Easton Utilities Commission
Dominion Energy Marketing, Inc
Dominion Energy Marketing, Inc

Also present

Dave Schweizer
Dave Souder
Ron DeLoach
Anthony Kiptoo
Brad Gordon
Mike Hoke
Ray Gross

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1. ADMINISTRATION

- A. The Agenda for this meeting was approved.
- B. The Draft Minutes of the October 13, 2010 SOS Joint Meeting were approved.

2. REVIEW OF OPERATIONS

- A. Mr. Bryson gave an update of System Operations for September
 - a. CPS1 136.2%, BAAL 99.5 % (NERC 100%), CPS2 88.0%, DCS 100%
 - b. The emergency outages of several transmission lines in the FE area were discussed. PJM and FE are working together on mitigation plans to correct and restore the lines. No reliability issues were seen.
- B. Member Operational Issues
 - a. Mr. Skumanich requested a review of an event on 11/7 that caused a voltage drop at Juniata.
 - b. Mr. Schloendorn requested additional follow up on the Salem unit trips.
 - c. Mr. Skumanich discussed issues observed with a wind farm swinging. He will provide the details to the group after the meeting.



3. WORKING GROUP UPDATES

- A. eDART User Groups – Mr. Deloach gave an update on eDart changes.
- B. Black Start Working Group (BSWG) - Mr. Schweizer gave an update on the group's activities.
- C. Dispatcher Training Task Force (DTTF) – Mr. Gross reviewed the DRAFT 2011 Seminar Agenda. The SOS requested an item regarding wind operation be added, with a focus on voltage regulation. The SOS also requested operators are given first priority in registering, considering the new LMS registration process being implemented.

4. SYSTEM OPERATOR TRAINING AND CERTIFICATION

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

Generation: Total of 91 companies

Training: companies 13 out of compliance; 4 with mitigation plans

Certification: 11 companies out of compliance; 3 with mitigation plans

Transmission: Total of 17 companies

Training: 1 company out of compliance

Certification: 1 companies out of compliance

5. REGIONAL STANDARDS, NAESB, AND COMPLIANCE UPDATE

- A. Ms. Wesley gave an update on NERC, SERC, RFC and NAESB Regional Standards under development or out for ballot, as well as any applicable PJM comments.
- B. The SOS will address any ongoing member issues regarding NERC/RFC Audits.
 - i. No issues raised.

6. EVENT ANALYSIS WORKING GROUP (EAWG)

Mr. Bryson and Ms. Smith reviewed the new Event Analysis process being used by NERC in a pilot test. This is a new standardized event analysis process that PJM will also begin using and it will replace the existing event analysis process in PJM manual M-13 when the pilot test of the new process is complete. Feedback on the new process should be submitted to Mr. Bryson and Ms. Smith.

7. VAR-002 COMPLIANCE

Mr. Souder discussed VAR-002 focusing on requirements R1 and R3 and related changes to M-14D as well as telemetry options to support the notification from the GO to the TO of AVR outages.



The SOS requested time to review the feasibility of providing AVR status via ICCP. This discussion will continue in December. PJM will draft a unit MW minimum for which AVR status will be required.

8. SPS TELEMETRY

Mr. Souder reviewed telemetry requirements for SPSs in support of NERC compliance and the requirement date that this telemetry will need to be available. The SOS-T will have additional discussions at the T meeting today. This item will carry over for additional discussions in December.

9. CAPACITY MAX NOTIFICATION AND START UP TIMES

Mr. Bryson discussed business rule changes for maximum startup and notification times for capacity units. Feedback on the proposal is requested. The proposed date for implementation of the changes is June 2011 after approval through the stakeholder process.

10. UGI SECTIONALIZING SCHEMES

Mr. Pilon reviewed the Mountain T1 and T2 230/69kV sectionalizing schemes in the UGI territory for inclusion in the PJM RT and DA analysis per the process outlined in Manual M-03. The schemes will be honored as of 3/10/2011.

11. MANUAL REVIEWS & UPDATES (10:35 – 10:55)

A. Mr. Bryson will review all pending Manual changes.

12. FUTURE AGENDA ITEMS (10:55 – 11:00)

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. 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)
- G. Update on TSA tool.
- H. Shortage Pricing
- I. AVR Telemetry

13. FUTURE MEETINGS AND DRILLS

2010 Drills

November 10, 2010 Winter Emergency Procedures Drill (back-up Nov. 17)

2011 Drills

May 24, 2011 Spring Emergency Procedures Drill (back-up June 1)
 November 8, 2011 Fall Emergency Procedures Drill (back-up Nov 15)

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| March 8-9, 2011 | System Restoration Drill (back-up Mar 15-16) |
| 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 |

2010 Meetings

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| December 8, 2010 | 9:00 AM | Conference Call |
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2011 Meetings

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| January 12, 2011 | 9:00 AM | PJM Interconnection |
| February 9, 2011 | 9:00 AM | Conference Call |
| March 9, 2011 | 9:00 AM | PJM Interconnection |
| April 13, 2011 | 9:00 AM | Conference Call |
| May 11, 2011 | 9:00 AM | PJM Interconnection |
| June 8, 2011 | 9:00 AM | Conference Call |
| July 13, 2011 | 9:00 AM | Conference Call |
| August 10, 2011 | 9:00 AM | Conference Call |
| 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

Author: Christopher Piong
Typist: Christopher Piong
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