



PJM Interconnection
PJM Operating Committee
Minutes of the 178th Meeting
PJM Conference and Training Center
Tuesday, June 12, 2012
9:00 AM

Members Present:

Michael Bryson, Chairman
Heather Reiter, Secretary
Steven Terelmes
David Pratzon
David Weaver
John Brodbeck
Russell W. Price

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Ameren Energy Marketing Company
Exelon Generation Co., LLC
PECO Energy Company
Shell Energy North America, LP
UGI Utilities, Inc.

Members Present via Conference Call:

Brock Ondayko
Bruce Erickson
Rehan Gilani
Robert Pliess
Guy Filomena
Steven McDonald
Donald Gebele
John Horstmann
Bruce Campbell
Rebecca Stadelmeyer
Robert Snow
Grace McNamara
Al Freeman
David Mabry
Steven Lieberman
Paul Santarelli
Vincent Stefanowicz
Martin Diamant
Christopher O'Leary

AEP
Allegheny Electric Cooperative, Inc.
ConEdison Energy, Inc.
Constellation Energy Commodities
Customized Energy Solutions, Ltd.
Customized Energy Solutions, Ltd.
Dayton Power & Light Company
Dayton Power & Light Company
Energy Connect, Inc.
Exelon Generation Co., LLC
Federal Energy Regulatory Commission
Louis Dreyfus Energy Services, L.P.
Michigan Public Service Commission
NcNees, Wallace & Nurick, LLC
Old Dominion Electric
PPL Electric Utilities Corp.
PPL EnergyPlus, LLC
PSEG Energy Resources & Trade, LLC
PSEG Energy Resources & Trade, LLC



Members Present via Conference Call (Cont'd.):

Ronald Wharton
Thomas Hoatson
Patrick Burke
Gerald Binder
Jack Kerr

Public Service Electric & Gas Company
Riverside Generating, LLC
Rockland Electric Company
SESCO Enterprises, LLC
Virginia Electric & Power Company

Also Present:

David Anders
Scott Benner
Donald Bielak
Glen Boyle
Ronald Graff
Thomas Hauske
Chantal Aimee Hendrzak
Adam Keech
Susan Kenney
David Kimmel
Peter Langbein
Lisa Morelli
Ruston Ogburn
Mark Sims
David Souder
Catherine Wesley

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1. ADMINISTRATION

- The Agenda for this meeting was approved.
- The Draft Minutes of the May 8, 2012 OC meeting were reviewed and approved.

2. COMMITTEE/SUBCOMMITTEE/WORKING GROUP UPDATES

PJM Staff will provide an informational report on the issues and activities associated with the Committee/Subcommittee:

- Markets and Reliability Committee – Mr. Anders provided a summary of the May 22, 2012 MRC meeting
- Markets Implementation Committee – Ms. Morelli provided a summary of the May 9, 2012 MIC meeting.



- System Information Subcommittee – Mr. Graff provided an update of the May 16, 2012 SIS meeting.
- System Operations Subcommittee – Mr. Keech provided an update of the June 7, 2012 SOS meeting.
- Regulation Performance Senior Task Force – Mr. Ogburn provided an update on the May 31, 2012 RPSTF meeting.
- Restoration Strategy Task Force – Ms. Hendrzak provided an update on the RSTF. They are currently in the process of developing a solution matrix. The next meeting will be on June 21, 2012.
- Combined Cycle Modeling Update – Mr. Bielak provided an update on the Combined Cycle Modeling Issue. At the next meeting, they will begin looking at a solution matrix.
- Reliability Standards and Compliance Subcommittee – Ms. Wesley provided a summary of the May 24, 2012 RSCS meeting.

3. NERC/RFC UPDATE

Ms. Wesley provided an update on NERC, SERC, RFC and NAESB Regional Standards. There are several standards currently posted for comment.

4. REVIEW OF OPERATIONS

Mr. Keech reviewed the PJM Operations since the last OC meeting.

5. MANUAL UPDATES

- Mr. Dave Souder reviewed proposed manual language for Manual 14D – Generator Operational Requirements. The Committee endorsed these changes.
- Mr. Dave Souder reviewed changes to Manual-10: Pre-Scheduling Operations. The Committee endorsed these changes.
- Mr. Dave Souder reviewed changes to Manual-39: Nuclear Plant Interface Coordination. The Committee endorsed these changes.
- Mr. Keech reviewed changes to Manual 13 – Emergency Operations. The Committee endorsed these changes.
- Mr. Keech reviewed changes to Manual 12 – Balancing Operations. The Committee endorsed these changes.
 - Mr. Kimmel reviewed the proposed manual language for Manual 12 – Balancing Operations §4.6 Black Start Service. **The Committee endorsed these changes.**



- Mr. Boyle reviewed changes to Manual M36 – System Restoration. Changes included Attachments F and H, LCC to TO terminology and an expanded cranking path definition in section 6.2. The Committee will be asked to endorse the changes at its next meeting.

6. CURRENT DR PARTICIPATION IN ANCILLARY SERVICE MARKETS

Mr. Benner provided an educational item on the comparison of response to Synchronized Reserve events including a breakdown of DSR response.

Ms. Kenney provided an educational item on demand side response in the synchronous reserve market including the background and prerequisites for participation. Next steps include reviewing existing RFC and SERC reliability requirements with respect to participation limits of demand response and to discuss modifying or eliminating the existing limits.

7. ARIZONA – SOUTHERN CALIFORNIA OUTAGES

Mr. Bryson reviewed the WECC Southwest outage event and recommendations. The event occurred on September 8, 2011 in the Pacific Southwest that affected approximately 2.7 million customers. The final report included 27 recommendations which were reviewed and discussed. The next steps are to finalize a work plan of implementing these recommendations as they may pertain to PJM's current processes.

8. PJM SOL METHODOLOGY

Mr. Bryson reviewed the PJM SOL Methodology as a result of the Southwest outage event. PJM is currently reviewing the SOL methodology and may potentially revise the facilities to include all BES facilities. Any necessary manual changes will be reviewed at the July and August committee meetings.

9. MONTOUR RUNBACK SPS SCHEME

Mr. Santarelli reviewed the Montour runback special protection scheme (SPS). The scheme is needed to mitigate overloads on Susquehanna-Harwood 230 kV line due to RTEP related outages. The SPS will initiate a runback on the Montour units down to 400 MW each. If the overload persists after five minutes, the SPS will trip a Montour unit. SPS will be implemented 90 days after MRC approval or upon completion (whichever is later).

10. EPA GENERATION RETIREMENTS

Mr. Dave Souder reviewed the PJM process for EPA generation retirements. The need for submission of generation retrofit and transmission outage eDART tickets was reviewed so PJM can continue to coordinate any issues and make any necessary RMR decisions.



11. DOUBLE CIRCUIT TOWER CONTINGENCIES

Mr. Dave Souder and Mr. Sims led a discussion on the PJM operating philosophy regarding the monitoring and modeling of double circuit tower contingencies resulting from delays in RTEP upgrades. Mr. Sims discussed the reasoning of the need to monitor the double circuit tower contingencies due to the delay in the Susquehanna – Roseland RTEP project.

12. FUTURE AGENDA ITEMS

- PJM Project Summary for Coming Year July
- Winter Reserve Target October
- Demand Response Event Summary October
- Yearly Day Ahead Reserve Requirement M-13 Update October (November Endorsement)
- Load Forecasting Error Metrics Bi-Annual
- Synchronous Reserve Event Summary Bi-Annual
- Spring / Fall Outage Schedules Bi-Annual
- Emergency Procedures Drill Update Bi-Annual
- Annual Review of OC Charter April

13. FUTURE OC MEETINGS

July 10, 2012	Office of the Interconnection	9:00 AM
August 7, 2012	Office of the Interconnection	9:00 AM
September 11, 2012	Office of the Interconnection	9:00 AM
October 9, 2012	Office of the Interconnection	9:00 AM
November 6, 2012	Office of the Interconnection	9:00 AM
December 11, 2012	Office of the Interconnection	9:00 AM

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Code of Conduct:

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