Meeting Minutes
PJM Interconnection
PJM Planning Committee
Chase Center
Wilmington, DE
November 3rd, 2011
9:30 AM

Members Present

Steve McDonald        Aces Power
Rich Geosits          Allegheny Electric Cooperative, Inc.
Chris Norton          American Municipal Power, Inc.
Takis Laios            Appalachian Power Company
Mohamed El-Dasseir     Atlantic Wind Connection
Brian Hallett         ATSI
Kishan Ellepola       Baltimore Gas and Electric Company
Anuj Kapadia          Baltimore Gas and Electric Company
John McDaniel         Baltimore Gas and Electric Company
James Jablonski       Borough of Seaside Heights, New Jersey
Wil Burns              Burns Law Firm
Barry Trayers         Citigroup Energy, Inc.
Ronald Regner         Commonwealth Edison Company
Guy Filomena          Customized Energy Solutions, Ltd.*
John Horstmann        Dayton Power & Light Company (The)
Jaclyn Cantler        Delmarva Power & Light Company
Dave Scarpignato      Direct Energy Services, LLC
Terry Fix             Dominion Retail, Inc.
George Owens          Downes Associates, Inc.
Ken Jennings          Duke Energy Business Services LLC
Dan Feldman           Duke Energy Ohio, Inc.
Jason Harchick        Duquesne Light Company
Jim Karcher           Duquesne Light Company
Michael Erbrick       EDF Trading North America, LLC
Bruce Campbell        EnergyConnect Group, Inc.
Aaron Breidenbaugh    EnerNOC, Inc.
Dan Griffiths         Enerwise Global Technologies, Inc.
Tom Leeming           Exelon Corporation
Ray Connolly          Exelon Energy Company
Sharon Midgley        Exelon Generation Co., LLC
Christopher Nekolny   Exelon Generation Co., LLC
Pablo Ovando          FERC
Nano Sierra           FERC
Gavin Cunningham  FirstEnergy
Jeffrey Mackauer  FirstEnergy Solutions Corp.
Don Miller  FirstEnergy Solutions Corp.
Carl Johnson  Long Island Lighting Company dba LIPA
David Mabry  McNees Wallace
Sandra Patty  MD DNR
Craig Taborsky  MD PSC
Steve Huntoon  NextEra Energy Power Marketing, LLC
Robert Beadle  North Carolina Electric Membership Corporation
James Manning  North Carolina Electric Membership Corporation
Sharon Segner  Northeast Transmission Development, LLC
John Donelson  Old Dominion Electric Cooperative
Steven Lieberman  Old Dominion Electric Cooperative
Raj Barua  OPSI
Yasmin Snowberger  PA PUC
Ron Chu  PECO Energy Company
Patricia Kurowski  Potomac Electric Power Company
Scott Gass  PowerGEM
Ephram Glass  PPL Electric Utilities Corporation d/b/a PPL Utilities
Michele Greening  PPL Energy Plus, LLC
Jay Fuess  Premcor Refining Group, Inc. (The)
Tom Piascik  Primary Power LLC
Esam Khadr  Public Service Electric & Gas Company
Gerry Binder  SESCO Enterprises LLC.
John Brodbeck  Shell Energy North America (US), LP
Harry Hackman  Tangibil, LLC
Ayana Wood  UGI Utilities, Inc.
Ronnie Bailey  Virginia Electric & Power Company
Louis Slade  Virginia Electric & Power Company
Samuel Wolfe  Viridity Energy, Inc.
James Wilson  Wilson Energy Economics

**PJM Staff Present:**

Steve Herling, Chairman  PJM Interconnection
Aaron Berner  PJM Interconnection
Tom Falin  PJM Interconnection
Tim Horger  PJM Interconnection
Mark Kuras  PJM Interconnection
Paul McGlynn  PJM Interconnection
John Reynolds  PJM Interconnection
Mark Sims  PJM Interconnection
Mike Herman, Acting Secretary  PJM Interconnection
1. **ADMINISTRATION**

   Mr. Herling called the meeting to order and asked if the Planning Committee had any additional items for the agenda. There were no suggestions for additional agenda items. Mr. Herling then asked Mr. Herman to call the roll. Mr. Herling then asked Mr. Herman to review the meeting minutes of the October 5th, 2011 Planning Committee meeting. Mr. Chu made a motion to approve the minutes as amended. Mr. Scarpignato seconded the motion. In a voice vote, the Planning Committee approved the October 5th, 2011 Planning Committee minutes.

2. **NERC/RRO UPDATE**

   Mr. Kuras provided the Planning Committee with an update on recent NERC activities, PJM compliance activities, and PJM compliance bulletins.

3. **RELAY SUBCOMMITTEE MISOPERATIONS REPORT**

   Mr. Fix discusses the PJM Relay subcommittee report for the 2009 Misoperations Report.

4. **PJM Manual 14B**

   A. Mr. Sims discussed proposed changes to PJM Manual 14B to add additional detail to the NERC Category C3 "N-1-1" Section.*

   B. Mr. Sims discussed proposed changes to PJM Manual 14B to add additional detail to the NERC Category C3 "N-1-1" Stability Section.*

   C. Mr. Sims discussed proposed changes to PJM Manual 14B to add references to Duke Energy Ohio/Kentucky.*

   Mr. Herling then requested Planning Committee endorsement of Manual 14B for Items 4A, 4B and 4C. Mr. Chu made a motion to endorse PJM Manual 14B for Items 4A, 4B and 4C. Mr. Scarpignato seconded the motion. **In a voice vote, the Planning Committee endorsed PJM Manual 14B for Items 4A, 4B and 4C.** There was one vote opposing item 4A.

   D. Mr. Sims discussed proposed changes to PJM Manual 14B to add additional detail to the NERC Standard PRC-023 Transmission Relay Loadability section and stated that he would ask for Planning Committee endorsement of the draft language at the December Planning Committee meeting.

5. **PJM GENERATION DELIVERABILITY TESTING**

   Mr. McGlynn discussed the amount of generation scaled in the PJM Generation Deliverability Test.

6. **MINIMUM UNLIMITED RESOURCE REQUIREMENT**

   Mr. Falin discussed proposed changes to the procedure to determine the minimum unlimited resource requirement and stated that he would ask for Planning Committee endorsement of the draft language at the December Planning Committee meeting.
7. **PJM MANUAL 22**

Mr. Falin discussed the proposed changes to PJM Manual 22: Generator Resource Performance indices which included changes clarifying comments suggested by the MRC on the version of M-22 that was endorsed at the October 5th PC meeting. Mr. Scarpignato made a motion to endorse the updates to M-22. Mr. Chu seconded the motion. In a voice vote, the Planning Committee endorsed the changes to M-22.

8. **LOAD FORECAST RECOMMENDATIONS**

Mr. Reynolds discussed changes made to the PJM load forecast model based on updated Itron recommendations and requested endorsement of the load forecast model using index2. Mr. Reynolds also noted that further analysis by Itron and consideration by the LAS and PC may lead to further modification to the Load Forecasting Methodology. Mr. Jablonski made a motion to endorse the load forecast model using index2. Mr. Chu seconded the motion. In a voice vote, the Planning Committee endorsed the changes to M-22. There was one vote opposing the use of this model.

9. **UFLS DATA FOR PLANNING COORDINATOR DYNAMICS SIMULATIONS**

Mr. Kuras presented details on future coordination between planning engineers and relay engineers for dynamic simulations by the planning coordinator including the upcoming PRC-009 regarding UFLS simulations and the responsibilities of the TO and Planning Coordinator. Mr. Kuras also described the data that the TO may be required in the future to submit to PJM in order to satisfy compliance with the standard.

10. **TARIFF PART 4**

Mr. Berner reviewed changes to subpart G (Small Generator Interconnection Procedure) including updates to the generation and load deliverability testing requirements. Mr. Berner stated that he would ask for Planning Committee endorsement of the updates to subpart G at the December Planning Committee meeting.

11. **FUTURE AGENDA ITEMS**

There were no suggestions for new future agenda items.

12. **FUTURE MEETING DATES**

<table>
<thead>
<tr>
<th>Date</th>
<th>Time</th>
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<tr>
<td>Thursday, December 15, 2011</td>
<td>9:30 AM</td>
<td>Chase Center, Wilmington, DE</td>
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<tr>
<td>Thursday, January 12, 2012</td>
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<td>Thursday, February 16, 2012</td>
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<td>Thursday, March 15, 2012</td>
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<td>Thursday, April 12, 2012</td>
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<td>Thursday, May 10, 2012</td>
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<td>Thursday, June 14, 2012</td>
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<td>Thursday, July 12, 2012</td>
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<td>Thursday, August 9, 2012</td>
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<td>Thursday, September 13, 2012</td>
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<td>Thursday, October 11, 2012</td>
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<td>Monday, November 5, 2012</td>
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