



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 Nokolny	Exelon Generation Co., LLC
Pablo Ovando	FERC
Nano Sierra	FERC



Gavin Cunningham
 Jeffrey Mackauer
 Don Miller
 Carl Johnson
 David Mabry
 Sandra Patty
 Craig Taborsky
 Steve Huntoon
 Robert Beadle
 James Manning
 Sharon Segner
 John Donelson
 Steven Lieberman
 Raj Barua
 Yasmin Snowberger
 Ron Chu
 Patricia Kurowski
 Scott Gass
 Ephram Glass
 Michele Greening
 Jay Fuess
 Tom Piascik
 Esam Khadr
 Gerry Binder
 John Brodbeck
 Harry Hackman
 Ayana Wood
 Ronnie Bailey
 Louis Slade
 Samuel Wolfe
 James Wilson

FirstEnergy
 FirstEnergy Solutions Corp.
 FirstEnergy Solutions Corp.
 Long Island Lighting Company dba LIPA
 McNees Wallace
 MD DNR
 MD PSC
 NextEra Energy Power Marketing, LLC
 North Carolina Electric Membership Corporation
 North Carolina Electric Membership Corporation
 Northeast Transmission Development, LLC
 Old Dominion Electric Cooperative
 Old Dominion Electric Cooperative
 OPSI
 PA PUC
 PECO Energy Company
 Potomac Electric Power Company
 PowerGEM
 PPL Electric Utilities Corporation d/b/a PPL Utilities
 PPL Energy Plus, LLC
 Premcor Refining Group, Inc. (The)
 Primary Power LLC
 Public Service Electric & Gas Company
 SESCO Enterprises LLC.
 Shell Energy North America (US), LP
 Tangibil, LLC
 UGI Utilities, Inc.
 Virginia Electric & Power Company
 Virginia Electric & Power Company
 Viridity Energy, Inc.
 Wilson Energy Economics

PJM Staff Present:

Steve Herling, Chairman
 Aaron Berner
 Tom Falin
 Tim Horger
 Mark Kuras
 Paul McGlynn
 John Reynolds
 Mark Sims
 Mike Herman, Acting Secretary

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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

Thursday, December 15, 2011	9:30 AM	Chase Center, Wilmington, DE
Thursday, January 12, 2012	9:30 AM	Chase Center, Wilmington, DE
Thursday, February 16, 2012	9:30 AM	Chase Center, Wilmington, DE
Thursday, March 15, 2012	9:30 AM	Chase Center, Wilmington, DE
Thursday, April 12, 2012	9:30 AM	Chase Center, Wilmington, DE
Thursday, May 10, 2012	9:30 AM	Chase Center, Wilmington, DE
Thursday, June 14, 2012	9:30 AM	Chase Center, Wilmington, DE
Thursday, July 12, 2012	9:30 AM	T.B.D.
Thursday, August 9, 2012	9:30 AM	T.B.D.
Thursday, September 13, 2012	9:30 AM	T.B.D.
Thursday, October 11, 2012	9:30 AM	T.B.D.
Monday, November 5, 2012	9:30 AM	T.B.D.



Thursday, December 13, 2012

9:30 AM

T.B.D.

Author: Michael Herman, PJM
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