



**Meeting Minutes**  
**PJM Interconnection**  
**PJM Planning Committee**  
**Chase Center**  
**Wilmington, DE**  
**July 7<sup>th</sup>, 2011**  
**9:30 AM**

**Members Present:**

Rich Geosits	Allegheny Electric Cooperative, Inc.
Takis Laios	Appalachian Power Company
John Fernandez	Baltimore Gas and Electric Company
James Jablonski	Borough of South River, New Jersey
Wil Burns	Burns Law Firm LLC
Wiktor Charytoniuk	Calpine Energy Services, L.P.
Ronald Regner	Commonwealth Edison Company
Rehan Gilani	ConEdison Energy, Inc.
Mark Tribett	Constellation Energy Commodities Group, Inc.
Damase Hebert	Covanta Energy Group, Inc.
David Steigerwald	Customized Energy Solutions, Ltd.*
Hertzal Shamash	Dayton Power & Light Company (The)
Jaclyn Plale	Delmarva Power & Light Company
Dave Scarpignato	Direct Energy Services, LLC
Andrea Maucher	Division of the Public Advocate of the State of Delaware
George Owens	Downes Associates, Inc.
Gregg Pakela	DTE Energy Trading, Inc.
Ed Kirschner	Duke
Dan Feldman	Duke Energy Ohio, Inc.
Jason Harchick	Duquesne Light Company
Malcolm Ainspan	Energy Curtailment Specialists, Inc.
Bruce Campbell	EnergyConnect, Inc.
Ray Connolly	Exelon Energy Company
Pablo Ovando	Federal Energy Regulatory Commission
Gavin Cunningham	FirstEnergy Solutions Corp.
Brian Hallett	FirstEnergy Solutions Corp.
Jeff Mackauer	FirstEnergy Solutions Corp.
Don Miller	FirstEnergy Solutions Corp.
John Syner	FirstEnergy Solutions Corp.
Hal Siegrist	GenOn Energy Management, LLC
Charles Vansant	Golder Associates
Dennis Sobieski	Hess Corporation
Bob Patrylo	H-P Energy Resources LLC
Mark Hanson	Illinois Commerce Commission



Jason Minalga  
Carl Johnson  
Michael Krauthamer  
David Mabry  
Al Freeman  
Steven Jeremko  
Robert Beadle  
James Manning  
Brian Schneider  
Fred Heizer  
John Donelson  
Raj Barua  
Ron Chu  
Kathy McHugh  
Rob Marmet  
Patricia Kurowski  
Bill Mitchell  
Ephram Glass  
Michelle Greening  
Thomas Piascik  
Laurent Pommier  
Esam Khadr  
Rollie Mangonon  
Gerry Binder  
John Brodbeck  
Eric Sorber  
Ayana Wood  
Ronnie Bailey  
Louis Slade  
James Wilson

Invenergy LLC  
Long Island Lighting Company dba LIPA  
Maryland PSC  
McNees Wallace  
Michigan Public Service Commission  
New York State Electric & Gas Corporation  
North Carolina Electric Membership Corporation  
North Carolina Electric Membership Corporation  
NRG Power Marketing, L.L.C.  
Ohio PUC  
Old Dominion Electric Cooperative  
OPSI, Inc.  
PECO Energy Company  
PECO Energy Company  
Piedmont Environmental Council  
Potomac Electric Power Company  
Potomac Electric Power Company  
PPL Electric Utilities Corporation d/b/a PPL Utilities  
PPL Energy Plus, LLC  
Primary Power LLC  
PSEG Energy Resources and Trade LLC  
Public Service Electric & Gas Company  
Rockland Electric Company  
SESCO Enterprises LLC  
Shell Energy North America (US), LP  
UGI Utilities, Inc.  
UGI Utilities, Inc.  
Virginia Electric & Power Company  
Virginia Electric & Power Company  
Wilson Energy Economics

**PJM Staff Present:**

Paul McGlynn, Acting Chairman	PJM Interconnection
Aaron Berner	PJM Interconnection
Tom Falin	PJM Interconnection
Tim Horger	PJM Interconnection
Mark Kuras	PJM Interconnection
John Reynolds	PJM Interconnection
Mark Sims, Secretary	PJM Interconnection

## 1. ADMINISTRATION

Mr. McGlynn 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. McGlynn then asked Mr. Sims to call the roll. Mr. McGlynn then asked Mr. Sims to review the meeting minutes of the June 6th, 2011 Planning Committee meeting. Mr. Shamash made a motion to approve the minutes as amended. Mr. Chu seconded the motion. In a voice vote, the Planning Committee approved the June 6th, 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. NEW PJM MANUAL - PROTECTION STANDARDS\*

Mr. Kuras reviewed the new PJM Manual – PJM Protection Standards. Mr. Kuras discussed some of the recent offline discussions with various stakeholders regarding the content and applicability of the manual. Mr. Chu asked about feedback from PJM TOs current ability to meet the requirements defined in the new manual. Mr. Kuras described the discussion that took place at the Relay Subcommittee in developing the new manual. Mr. Glass questioned Mr. Kuras about one of the fault types defined in the manual. Following further discussion, Mr. Glass agreed to communicate to Mr. Kuras in writing any additional comments for review by the Relay Subcommittee. Mr. Kuras stated that he expects to bring the new manual back to the Planning Committee for endorsement at the August Planning Committee meeting.

## 4. MODELING OF ENERGY ONLY RESOURCES IN PJM DELIVERABILITY TESTING

Mr. McGlynn presented a broad overview of the purpose, procedures, and applicability of PJM deliverability testing. Mr. McGlynn addressed several questions from the Planning Committee regarding the test procedures.

## 5. PJM MANUAL 14B\*

- Mr. McGlynn reviewed draft PJM Manual 14B language to improve the modeling of reactive load in the CETL base cases. Mr. McGlynn addressed several questions from the Planning Committee. Mr. Chu made a motion to endorse PJM Manual 14B. Mr. Scarpignato seconded the motion. **In a voice vote, the Planning Committee endorsed PJM Manual 14B.** Mr. Mabry abstained from the vote due to concern over lack of engineering analysis or review to support the implicit modeling of DR at a 97-98% power factor.
- Mr. Sims reviewed the status of draft PJM Manual 14B language to incorporate the existing Manual 5 into a new addendum to Manual 14B.

## 6. LDA ANALYTIC ISSUES\*

Mr. McGlynn reviewed recent proposals to develop new LDAs. Mr. McGlynn reviewed a draft charge statement about the issue and described stakeholder feedback on the charge statement. Mr. McGlynn noted he would incorporate the feedback and solicited additional feedback from the Planning Committee.



**7. RESOURCE ADEQUACY ANALYSIS SUBCOMMITTEE (RAAS) UPDATE**

Mr. Falin provided a status update on RAAS activity. Mr. Falin reported on discussions at the MRC regarding the 1 day in 25 year CETO loss of load expectation criterion. Mr. Falin also reported on some other CETO assumptions and data that are currently under review. Mr. Falin described the types of data and statistics that PJM is currently evaluating. Mr. Falin also reviewed discussions around the load model that is used in the current CETO studies.

**8. LOAD FORECAST RECOMMENDATIONS**

Mr. Reynolds provided an update on the Itron recommendations and said that PJM would schedule a Load Analysis Subcommittee meeting within the next two weeks.

**9. FUTURE AGENDA ITEMS**

There were no suggestions for new future agenda items.

**10. FUTURE MEETING DATES**

Thursday, August 4, 2011	9:30 AM	Chase Center, Wilmington, DE
Thursday, September 8, 2011	9:30 AM	Chase Center, Wilmington, DE
Wednesday, October 5, 2011	9:30 AM	Chase Center, Wilmington, DE
Thursday, November 3, 2011	9:30 AM	Chase Center, Wilmington, DE
Thursday, December 15, 2011	9:30 AM	Chase Center, Wilmington, DE

Author: Mark Sims, PJM  
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Docs: 653501 v3