



**Meeting Minutes**  
**PJM Interconnection**  
**PJM Planning Committee**  
**Chase Center**  
**Wilmington, DE**  
**May 12<sup>th</sup>, 2011**  
**9:30 AM**

**Members Present:**

Rich Geosits	Allegheny Electric Cooperative, Inc.
Craig Galligan	Allegheny Energy Supply Company, L.L.C.
Don Morrison	American Transmission Systems, Inc.
Takis Laios	Appalachian Power Company
Brian Hallett	American Transmission Systems, Inc.
John Fernandez	Baltimore Gas and Electric Company
Wil Burns	Burns Law Firm
Wiktor Charytoniuk	Calpine Energy Services, L.P.
John Citrolo	Calpine Energy Services, L.P.
Barry Huddleston	Clean Line Energy Partners
Tom Leeming	Commonwealth Edison Company
Ronald Regner	Commonwealth Edison Company
Rehan Gilani	ConEdison Energy, Inc.
Dean Bickerstaff	Constellation Energy Commodities Group, Inc.
Mark Tribett	Constellation Energy Commodities Group, Inc.
Damase Hebert	Covanta Energy Group, Inc.
Nathan Rushing	CPV Maryland, LLC
Guy Filomena	Customized Energy Solutions, Ltd.*
Bill Schofield	Customized Energy Solutions, Ltd.*
David Steigerwald	Customized Energy Solutions, Ltd.*
John Horstmann	Dayton Power & Light Company (The)
George Owens	Downes Associates, Inc.
Dan Feldman	Duke Energy Ohio, Inc.
Jason Harchick	Duquesne Light Company
Michael Erbrick	EDF Trading North America, LLC
Bruce Campbell	EnergyConnect, Inc.
Jennifer Hanna	Exelon Energy Company
David Pratzon	Exelon Generation Co., LLC
Valerie Martin	Federal Energy Regulatory Commission
Pablo Ovando	FERC
Gavin Cunningham	FirstEnergy Solutions Corp.
Hal Siegrist	GenOn Energy Management, LLC
John McDermott	Hess Corporation
Bob Patrylo	H-P Energy Resources LLC



Mark Hanson  
 Carl Johnson  
 Ken Lotterhos  
 Steve Huntoon  
 Robert Beadle  
 James Manning  
 Pat Esposito  
 Yohannes Mariam  
 Fred Heizer  
 John Donelson  
 Steven Lieberman  
 Yasmin Snowberger  
 Ron Chu  
 Jaclyn Plale  
 Bill Mitchell  
 Ephram Glass  
 Michele Greening  
 Thomas Piascik  
 Ralph De Geeter  
 Esam Khadr  
 Laurent Pommier  
 Thomas Hoatson  
 Rollie Mangonon  
 Jack Holodak  
 Ayana Wood  
 Ronnie Bailey  
 Mike Batta  
 James Wilson

Illinois Commerce Commission  
 Long Island Lighting Company dba LIPA  
 Long Island Lighting Company dba LIPA  
 NextEra Energy Power Marketing, LLC  
 North Carolina Electric Membership Corporation  
 North Carolina Electric Membership Corporation  
 NRG Power Marketing, L.L.C.  
 Office of the People's Counsel for the District of Columbia  
 Ohio PUC  
 Old Dominion Electric Cooperative  
 Old Dominion Electric Cooperative  
 PA PUC  
 PECO Energy Company  
 Pepco Holdings, Inc.  
 Potomac Electric Power Company  
 PPL Electric Utilities Corporation d/b/a PPL Utilities  
 PPL Energy Plus, LLC  
 Primary Power LLC  
 PSC of Maryland  
 PSEG Energy Resources and Trade LLC  
 PSEG Energy Resources and Trade LLC  
 Riverside Generating, LLC  
 Rockland Electric Company  
 The Valley Group, a Nexans Company  
 UGI Utilities, Inc.  
 Virginia Electric & Power Company  
 Virginia Electric & Power Company  
 Wilson Energy Economics

**PJM Staff Present:**

Steve Herling, Chairman  
 Aaron Berner  
 Tom Falin  
 Bill Harm  
 Paul McGlynn  
 John Reynolds  
 Mark Sims, 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. Sims to call the roll. Mr. Herling then asked Mr. Sims to review the meeting minutes of the April 15th, 2011 Planning Committee meeting. Mr. Sims then discussed some stakeholder suggested revisions to the minutes. Mr. Citrolo made a motion to approve the minutes as amended. Mr. Bailey seconded the motion. In a voice vote, the Planning Committee approved the April 15th, 2011 Planning Committee minutes.



## **2. NERC/RRO UPDATE**

Mr. Harm provided the Planning Committee with an update on recent NERC activities, PJM compliance activities, and PJM compliance bulletins. Mr. Sims also mentioned that the PRC-023 critical facilities list became effective on 5/6/2011.

## **3. LIGHT LOAD OPERATIONAL PERFORMANCE\***

Paul McGlynn reviewed updated PJM Manual 14B language to support the proposed Light Load Reliability Criteria. Mr. McGlynn discussed an overview of the criteria and also discussed the potential implementation of the criteria. Mr. Piascik asked if the test would result in planned reinforcements. Mr. McGlynn said that it would be similar to other reliability criteria. Mr. Chu asked if PJM would apply the criteria to 2011 RTEP, including the existing projects in the interconnection process. Mr. McGlynn responded that the intent is to include the criteria as part of the 2011 RTEP. Mr. Glass asked what period was used to determine the statistical values of load and generation by fuel type. Mr. McGlynn confirmed that the statistical data was based on hours ending 1AM to 5AM during November to April. Mr. Owens asked for clarification regarding the queue cost allocation as upgrades are identified. Mr. Scarpignato made a motion to endorse the Light Load Reliability Criteria in PJM Manual 14B. Mr. Leeming seconded the motion. In a voice vote, the Planning Committee endorsed PJM Manual 14B. Three members of the Planning Committee voted in opposition. All other votes were in favor of the manual language. Mr. McGlynn said that he would ask for approval of PJM Manual 14B at the June MRC meeting.

## **4. 2011 IRM STUDY ASSUMPTIONS\***

Mr. Falin reviewed the 2011 IRM Study Assumptions letter from the RAAS to the PC. Mr. Scarp made a motion to approve the 2011 IRM Study Assumptions letter. Mr. Chu seconded the motion. In a voice vote, the Planning Committee approved the 2011 IRM Study Assumptions letter.

## **5. RESOURCE ADEQUACY ANALYSIS SUBCOMMITTEE (RAAS) REVIEW OF CETO ASSUMPTIONS**

Mr. Falin reviewed the CETO modeling assumptions. Mr. Falin's review included the Forecast Error Factor, Behind the Meter and Energy Only Generation, Use of PJM Load Forecast Model, and the 1 in 25 CETO LOLE Criterion. Mr. Falin answered a number of detailed questions from the Planning Committee regarding the assumptions.

## **6. LOAD FORECAST RECOMMENDATIONS**

Mr. Reynolds reviewed the load forecast recommendations. Mr. Reynolds stated that August 2011 is the target to have final recommendations.

## **7. SYNCHROPHASOR MONITORING**

Mr. Berner described the PJM SynchroPhasor deployment project under the DOE ARRA grant. Mr. Berner's review included the locations of the devices, the potential applications, additional requirements for improved utilization, and recommendations for additional PMU installations. Mr. Berner said that the next step is to review draft PJM Manual 14D language to support SynchroPhasor installations on the PJM system. Mr. Chu suggested a business case for PMU deployment should be developed before a decision can be made to adopt the proposed changes.



## **8. LOAD POWER FACTOR MODELING IN CETL BASE CASE**

Mr. McGlynn introduced the issue of load power factor modeling in CETL base cases that is due to the treatment of load power factor that is dependent on the magnitude of demand response and energy efficiency. Mr. Mitchell suggested a modification to a potential improvement that Mr. McGlynn introduced. Mr. McGlynn stated that he would bring draft PJM Manual 14B language to reflect the potential improvement in power factor modeling.

## **9. FUTURE AGENDA ITEMS**

There were no suggestions for new future agenda items.

## **10. FUTURE MEETING DATES**

Thursday, June 09, 2011	9:30 AM	Chase Center, Wilmington, DE
Thursday, July 07, 2011	9:30 AM	Chase Center, Wilmington, DE
Thursday, August 04, 2011	9:30 AM	Chase Center, Wilmington, DE
Thursday, September 8th	9:30 AM	Chase Center, Wilmington, DE
Wednesday, October 5, 2011	9:30 AM	Chase Center, Wilmington, DE
Thursday, November 3rd, 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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