



**PJM Interconnection  
PJM Planning Committee Meeting  
Minutes of the 149<sup>th</sup> Meeting  
February 3<sup>rd</sup>, 2011  
9:30 AM**

**Members Present:**

Rich Geosits	Allegheny Electric Cooperative, Inc.
Chris Norton	American Municipal Power, Inc.
John Martinez	American Transmission Systems, Inc.
Takis Laios	Appalachian Power Company
Brian Hallett	American Transmission Systems, Inc.
David Bloom	Baltimore Gas and Electric Company
John Fernandes	Baltimore Gas and Electric Company
Charles Matassa	Baltimore Gas and Electric Company
Wiktor Charytoniuk	Calpine Energy Services, L.P.
Chris Kliros	Commonwealth Edison Company
Thomas Leeming	Commonwealth Edison Company
Rehan Gilani	ConEdison Energy, Inc.
Mark Trivett	Constellation Energy Commodities Group, Inc.
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)
Hertzel Shamash	Dayton Power & Light Company (The)
Jaclyn Plale	Delmarva Power & Light Company
Dave Scarp	Direct Energy Business, LLC
George Owens	Downes Associates, Inc.
Gregg Pakela	DTE Energy Trading, Inc.
Dan Feldman	Duke Energy Ohio, Inc.
Jason Harchick	Duquesne Light Company
Jim Karcher	Duquesne Light Company
Aaron Breidenbaugh	EnerNOC, Inc.
Christopher Nekolny	Exelon Generation Co., LLC
David Pratzon	Exelon Generation Co., LLC
Rebecca Stadelmeyer	Exelon Generation Co., LLC
Jonathan Fernandez	Federal Energy Regulatory Commission
Nicholas Tackett	Federal Energy Regulatory Commission
Syed Ahmad	FERC
Pablo Ovando	FERC
Gavin Cunningham	FirstEnergy Solutions Corp.
Jeff Mackauer	FirstEnergy Solutions Corp.
Don Miller	FirstEnergy Solutions Corp.

Hal Siegrist	GenOn Energy Management, LLC
Robert Mechler	GenOn Power Midwest, LP
Bob Patrylo	H-P Energy Resources LLC
Melissa Seymour	IBERDROLA RENEWABLES, Inc.
Jason Minalga	Invenergy LLC
Christopher Bach	Long Island Lighting Company dba LIPA
Sharon Segner	LS Power
Michael Krauthamer	Maryland PSC
David Mabry	McNees Wallace
James Nash	Neptune Regional Transmission System, LLC
Steven Jeremko	New York State Electric & Gas Corporation
Robert Beadle	North Carolina Electric Membership Corporation
Patti Esposito	NRG Power Marketing, L.L.C.
John Donelson	Old Dominion Electric Cooperative
Darren Gill	PA PUC
Yasmin Snowberger	PA PUC
Ron Chu	PECO Energy Company
Terrance Clingan	Potomac Edison Company d/b/a Allegheny Power
Pat Kurowski	Potomac Electric Power Company
Bill Mitchell	Potomac Electric Power Company
Scott Gass	PowerGEM
Ephram Glass	PPL Electric Utilities
Michele Greening	PPL Energy Plus, LLC
Mark Brozina	Primary Power LLC
Esam Khadr	PSEG Energy Resources and Trade LLC
Thomas Piascik	PSEG Energy Resources and Trade LLC
Rollie Mangonon	Rockland Electric Company
Gerry Binder	SESCO Enterprises LLC
Steve McDonald	Southern Maryland Electric Cooperative, Inc.
Robert Ramaekers	Tenaska Power Services Co.
Brian Skinner	Tenaska Power Services Co.
Jack Holodak	The Valley Group - A Nexans Company
Eric Sorber	UGI Utilities, Inc.
Ronnie Bailey	Virginia Electric & Power Company
Mike Batta	Virginia Electric & Power Company
Janhavi Dharmadhikari	Virginia Electric & Power Company
Louis Slade	Virginia Electric & Power Company
Samuel Wolfe	Viridity Energy, Inc.
Joe Wadsworth	Vitol Inc.
John Syner	West Penn Power Company d/b/a Allegheny Power
James Wilson	Wilson Energy Economics

**PJM Staff Present:**

Steve Herling, Chairman	PJM Interconnection
Dave Anders	PJM Interconnection
Aaron Berner	PJM Interconnection
Tom Falin	PJM Interconnection

Bill Harm	PJM Interconnection
Mike Kormos	PJM Interconnection
Paul McGlynn	PJM Interconnection
Mahendra Patel	PJM Interconnection
Chris Pulong	PJM Interconnection
John Reynolds	PJM Interconnection
Jeff Williams	PJM Interconnection
Mark Sims, Secretary	PJM Interconnection

## 1. ADMINISTRATIVE

Mr. Herling called the meeting to order and requested that Mr. Sims call the roll. Mr. Herling then asked if there were any additional items for the agenda. There were no suggestions for additional agenda items. Mr. Tatum asked that Mr. Herling move the CETO studies and LDA agenda item closer to the beginning of the agenda and Mr. Herling agreed.

## 2. MINUTES

Mr. Sims reviewed the draft minutes of the January 6, 2011 meeting. There were no suggestions to the minutes as written. Mr. McDonald made a motion to approve the minutes as amended. Mr. Scarpignato seconded the motion. **In a voice vote, the Planning Committee approved the January 6, 2011 minutes.**

## 3. NERC/RRO UPDATE

Mr. Harm provided the Planning Committee with an update of NERC standards activity, FERC activities, and recent PJM compliance bulletins. Mr. Harm also announced the upcoming Reliability Standards and Compliance Subcommittee (RSCS) meeting dates.

## 4. GENERATOR: REACTIVE POWER DEFICIENCIES

Mr. Sims discussed a proposal for an interpretation of the term “grandfathered” that exists in the current and proposed Manual 14A language. Mr. Sims discussed with the Planning Committee the impacts of this interpretation. The Planning Committee provided feedback and agreed that a conference call to discuss proposed grandfathered language would be appropriate. Mr. Sims agreed to arrange a teleconference with the Reactive Power Focus Group before the March PC meeting.

## 5. LIGHT LOAD OPERATIONAL PERFORMANCE

Mr. McGlynn reviewed proposed base case and analytical assumptions for a potential light load planning criteria. Mr. McGlynn also referenced the posted draft Manual 14B language to support the criteria. Mr. McGlynn also reviewed the analytical result of a simulation for a change to the previous assumptions. Mr. McGlynn answered several questions from the Planning Committee, including requests to further investigate historical operational data. Mr. McGlynn stated that PJM

would continue to address stakeholder feedback and draft PJM Manual M14B language for review by the Planning Committee.

## **6. RTEP INTERCONNECTION PROJECT COST ALLOCATION**

Mr. Berner discussed cost allocation associated with interconnection network upgrades having estimated costs less than \$5 million.

## **7. COMED SPS MODIFICATION**

A representative from ComEd discussed modifications to two existing Special Protection Schemes (SPS) in the ComEd zone. ComEd responded to several questions from the Planning Committee.

## **8. SYNCHROPHASOR MONITORING**

Mr. Patel presented the Planning Committee with details of the PJM SynchroPhasor technology deployment under the DOE ARRA grant. Mr. Patel discussed the technical details of the effort as well as the applications and benefits. Finally, Mr. Patel provided an overview of additional requirements for improved utilization.

## **9. RESERVE REQUIREMENT ASSUMPTIONS SUBCOMMITTEE (RRAS)\***

Mr. Falin reviewed the draft RAAS charter and asked for Planning Committee approval of the charter. Mr. Chu made a motion to approve the charter. Mr. Brozina seconded the motion. In a voice vote, the Planning Committee approved the RAAS charter.

## **10. CETO STUDIES**

Mr. Falin reviewed the current modeling assumptions in CETO studies, including the capacity model, load model, and demand response model. Mr. Falin also recommended a timeline for the PC to request RRAS recommendations.

## **11. ITRON RECOMMENDATIONS ON PJM LOAD FORECAST MODEL**

Mr. Reynolds discussed the status of the Itron recommendations that were reviewed at the December Planning Committee meeting. Mr. Reynolds stated that the Load Analysis Subcommittee will continue to evaluate the recommendations.

## **12. DOUBS – MT STORM 500 KV OPERATIONAL OUTAGE ANALYSIS**

Mr. Pilong discussed operational analysis focused on the outages required to construct the planned Doubs – Mt Storm 500 kV rebuild. Mr. Pilong's presentation included the assumptions and an overview of the thermal and voltage concerns and solutions. Mr. Pilong also communicated expected changes to interface limits due to the completion of the TrAil project and outages associated with the Doubs – Mt. Storm rebuild.

### 13. FUTURE MEETINGS

Thursday, March 10, 2011	9:30 AM	Chase Center, Wilmington, DE
Friday, April 15, 2011	9:30 AM	Sheraton, Wilmington, DE
Thursday, May 12, 2011	9:30 AM	Chase Center, Wilmington, DE
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

Prepared By:	Mark Sims, Secretary
Typist:	Nancy Muhl
Draft:	3/9/2011
Final:	3/10/2011
DMS Document #:	636407 v2