



Meeting Minutes
PJM Interconnection
PJM Planning Committee
PJM Conference and Training Center
Valley Forge, PA
March 6th, 2014
9:30 AM

Members Present:

Rich Geosits	Allegheny Electric Cooperative, Inc.
Art Iler	American Municipal Power, Inc
John Syner (FE)	Allegheny Power
Patrick Hayes	Ameren Control Area
Shawn Schukar	Ameren Control Area
Takis Laios	American Electric Power
Chris Norton	American Municipal Power, Inc.
Gary Fuerst	American Transmission Systems, Inc.
Mike Schlindwein	American Transmission Systems, Inc.
David Bates	American Transmission Systems, Inc.
Patricia Esposito	Atlantic Grid Operations A, LLC
Mohamed El Gassier	Atlantic Wind Connection
Brad Davis	Baltimore Gas and Electric Company
John Fernandes	Baltimore Gas and Electric Company
James Jablonski	Borough of Butler, Butler Electric Division
Wil Burns	Burns Law Firm
Deral Danis	CLEAN LINE ENERGY PARTNERS LLC
William Allen	Commonwealth Edison Company
Thomas Leeming	Commonwealth Edison Company
Ronald Regner	Commonwealth Edison Company
First Name Last Name	Company Name
Rehan Gilani	ConEdison Energy, Inc.
Dan Griffiths	Consumer Advocates of PJM States
Bill Dugan	Customized Energy Solutions, Ltd.*
Guy Filomena	Customized Energy Solutions, Ltd.*
Carl Johnson	Customized Energy Solutions, Ltd.*
John Horstmann	Dayton Power & Light Company (The)
Hertzel Shamash	Dayton Power & Light Company (The)
John Farber	DE Public Service Commission
Catharine Lacy	Dominion Virginia Power
Stephen Hirsch	Downes Associates, Inc.
George Owens	Downes Associates, Inc.
Greg Pakela	DTE Energy Trading, Inc.
Kenneth Jennings	Duke Energy Business Services LLC
Edward Kirschner	Duke Energy Business Services LLC
Steve Steinkuhl	Duke Energy Business Services LLC
Judith Stubbe	Duke Energy Ohio, Inc.



Jason Harchick	Duquesne Light Company
Chuck Dugan	East Kentucky Power Cooperative, Inc.
Edgardo Manansala	East Kentucky Power Cooperative, Inc.
Bruce Campbell	EnergyConnect, Inc.
Katie Guerry	EnerNOC, Inc.
Rebecca Stadelmeyer	Exelon Business Services Company, LLC
Ron Chu	Exelon Generation Co., LLC
Thomas Bainbridge	FirstEnergy Solutions Corporation
Jim Benchek	FirstEnergy Solutions Corporation
Michael Bryson	FirstEnergy Solutions Corporation
Gavin Cunningham	FirstEnergy Solutions Corporation
Neal Fitch	GenOn Energy Management, LLC
Charles Vansant	GenPower Coal III, LLC
David Pratzon	GT Power Group
James Nash	Hudson Transmission Partners, LLC
Kenneth Folandare	IMG Midstream LLC
Alex Ma	Invenergy
Edward Tsikirayi	Long Island Lighting Company d/b/a LIPA
Ralph De Geeter	Maryland Public Service Commission
David Mabry	McNees Wallace & Nurick LLC
Chris Devon	MI Public Service Commission
Christin Domian	Mitsubishi Electric Power Products Inc.
George Kogut	New York Power Authority
Jodi Walters	NiSource Inc.
Jung Suh	Noble
James Manning	North Carolina Electric Membership Corporation
John Donelson	Old Dominion Electric Cooperative
Steven Lieberman	Old Dominion Electric Cooperative
Gregory Carmean	OPSI
Robert Mechler	Other
David Takach	Other
Kevin Harris	PECO
Iris Boci	PECO Energy Company
Amber Young	PEPCO Holdings, Inc.
John Brodbeck	Potomac Electric Power Company
Scott Gass	PowerGEM
Vincent Chin	PPL Electric Utilities Corp. dba PPL Utilities
Lisa Krizenoskas	PPL Electric Utilities Corp. dba PPL Utilities
Vincent Cuce	PPL Electric Utilities Corp. dba PPL Utilities (NYPA)
Michele Greening	PPL EnergyPlus, L.L.C.
Thomas Piascik	Primary Power LLC
John Citrolo	PSEG Energy Resources and Trade LLC
Frank Czigler	Public Service Electric & Gas Company
Esam Khadr	Public Service Electric & Gas Company
Griffin Reily	RECO
Tom Hoatson	Riverside Generating, LLC
Rich Heidorn	RTO Insider
David Jwanier	RTO Insider
Gerry Binder	SESCO Enterprises LLC



Barbara Scoglietti
Robert Snow
Ronnie Bailey
James Wilson

Tangent
The Federal Energy Regulatory Commission
Virginia Electric & Power Company
Wilson Energy Economics

PJM Staff Present:

Steve Herling, Chairman	PJM Interconnection, LLC
David Anders	PJM Interconnection, LLC
Fran Barrett	PJM Interconnection, LLC
Aaron Berner	PJM Interconnection, LLC
Sarah Burlew	PJM Interconnection, LLC
Robert Eckenrod	PJM Interconnection, LLC
Thomas Falin	PJM Interconnection, LLC
Suzanne Glatz	PJM Interconnection, LLC
Gary Helm	PJM Interconnection, LLC
Michael Herman	PJM Interconnection, LLC
Timothy Horger	PJM Interconnection, LLC
Frank Koza	PJM Interconnection, LLC
Mark Kuras	PJM Interconnection, LLC
Charles Liebold	PJM Interconnection, LLC
Brindavani Malladi	PJM Interconnection, LLC
Paul McGlynn	PJM Interconnection, LLC
Tracy Miehke	PJM Interconnection, LLC
Shaun Murphy	PJM Interconnection, LLC
John Reynolds	PJM Interconnection, LLC
Mark Sims	PJM Interconnection, LLC
Amber Thomas, Secretary	PJM Interconnection, LLC

1. ADMINISTRATION

- A. 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.
- B. Mr. Herling then asked Ms. Thomas to call the roll. Then Ms. Thomas reviewed the meeting minutes of the February 6th, 2014 Planning Committee meeting. Mr. Chu made a motion to approve the minutes. Mrs. Krizenoskas seconded the motion. In a voice vote, the Planning Committee approved the February 6th, 2014 Planning Committee minutes.
- C. Mr. Herling mentioned that the 2014 Load Forecast was reissued on February 14th, 2014.
- D. Mr. Herman provided an update regarding the Energy Storage Participation in RPM Group. The first meeting was held, following the CBIR Lite process, on 2/26 to provide answers to pumped storage questions asked at earlier education sessions. The next meeting will be held 3/26 to discuss design components which will lead to rules allowing the participation of advanced energy storage resources into RPM.



- E. Ms. Krizenoskas discussed the need for an SPS at Jenkins 230kV under specific outage events effective until the Susquehanna-Jenkins 230kV line is rebuilt.

2. NERC/RRO UPDATE

Mr. Kuras provided the Planning Committee with an update on recent NERC activities and PJM compliance activities. Comments are due for the SAR on NUC-001-2.1 by 3/13. Comments are due for revisions to PRC-005-4 by 3/14. Comments are due for the SAR on PRC-012 through PRC-017 by 3/19. Comments are due for the SAR on revisions to TOP/IRO Reliability Standards by 3/24. Comments are due on BAL-005 and BAL-006 BY 4/7.

3. SUPPLEMENTAL PROJECT PROCESS DISCUSSION

Mr. McGlynn reviewed the existing language of the Supplemental Project definition and provided clarifying amendments as discussed by the RPPTF. Currently the definition of a Supplemental Project in the Operating Agreement is defined as Regional or Subregional RTEP Project not necessary for compliance with PJM criteria. However, Regional and Subregional RTEP Projects are determined based on compliance with PJM criteria. The proposed changes will clearly define the Supplemental Project meaning.

4. SMALL GENERATOR INTERCONNECTION PROCEDURES/AGREEMENTS*

Mr. Eckenrod reviewed the Small Generator Interconnection Procedures/Agreements Problem Statement which tasks PJM and stakeholders to identify, draft, and implement appropriate procedures consistent with SGIP/SGIA. Mr. Herling asked the Planning Committee for a motion to endorse the Small Generator Interconnection Procedures/Agreements Problem Statement. Mr. Shamash made a motion to approve the Problem Statement and Mrs. Esposito seconded the motion. **IN A VOICE VOTE, THE PLANNING COMMITTEE APPROVED THE SMALL GENERATOR INTERCONNECTION PROCEDURES /AGREEMENTS PROBLEM STATEMENT.***

5. SMART INVERTER

Ms. Miehke discussed the next steps regarding the creation of the Enhanced Inverter special group to address inverter-related standards and solutions. EPRI will provide 1st educational session on 3/31 and PJM will provide the 2nd on 4/28. The Problem Statement and Issue Charge have been added to the PC page.

6. M-19 REVISIONS

Mr. Reynolds presented proposed language changes to clarify load forecast adjustments. New revisions will address significant zonal load changes which may affect the forecast.

7. EIPC GAS/ELECTRIC COORDINATION STUDY UPDATE

Mr. Helm provided an update regarding the on-going Gas/Electric System Interface study.

8. POLAR VORTEX STUDY COORDINATION UPDATE

Mr. Bryson discussed PJM's winter operations during January 2014.

9. 2014 TO DO LIST



Mr. Sims discussed ongoing interface studies between PJM/NYISO. Mr. Sims addressed sensitivity analysis regarding the modeling of Firm/Non-Firm Transfers, 400 MW redelivery across NYISO interfaces that tie to PSE&G North, and the re-evaluation of the PAR setting for the Branchburg-Ramapo Protocol.

10. FUTURE AGENDA ITEMS

There were no future agenda times suggested.

11. FUTURE MEETING DATES

Thursday, April 10, 2014	9:30 AM	PJM Conference and Training Center, Valley Forge, PA
Thursday, May 8, 2014	9:30 AM	PJM Conference and Training Center, Valley Forge, PA
Thursday, June 5, 2014	9:30 AM	PJM Conference and Training Center, Valley Forge, PA
Thursday, July 10, 2014	9:30 AM	PJM Conference and Training Center, Valley Forge, PA
Thursday, August 7, 2014	9:30 AM	PJM Conference and Training Center, Valley Forge, PA
Tuesday, September 2, 2014	9:30 AM	PJM Conference and Training Center, Valley Forge, PA
Thursday, October 9, 2014	9:30 AM	PJM Conference and Training Center, Valley Forge, PA
Tuesday, November 4, 2014	9:30 AM	PJM Conference and Training Center, Valley Forge, PA
Thursday, December 4, 2014	9:30 AM	PJM Conference and Training Center, Valley Forge, PA

Author: Amber Thomas, PJM
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