



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

Members Present:

Josh Burkholder	AEP
David Canter	AEP
John Syner (FE)	Allegheny Power
Dan Patt	Alstom
Kiran Thammineni	Ameren
Takis Laios	American Electric Power
Chris Norton	American Municipal Power, Inc.
Mike Schlindwein	American Transmission Company
Dale Burmester	American Transmission Company, LLC
Gary Fuerst	American Transmission Systems, Inc.
David Bates	American Transmission Systems, Inc.
Kevin Patten	Appalachian Power Company
Bernie Pasternack	Appalachian Power Company
Chris Hagman	ATC
Mohamed El-Gassier	Atlantic Grid Operations A, LLC
Patricia Esposito	Atlantic Grid Operations A, LLC
David Bloom	Baltimore Gas and Electric Company
John Fernandes	Baltimore Gas and Electric Company
Zelalem Tekle	Baltimore Gas and Electric Company
James Jablonski	Borough of Butler, Butler Electric Division
Ron Pezon	Borough of Chambersburg
Philip Jennings	Burns McDonald
Jakob Metzler	Castleton Commodities Merchant Trading L.P.
Yan Du	Central Transmission, LLC
Deral Danis	CLEAN LINE ENERGY PARTNERS LLC
Paul Mills	Comed
William Allen	Commonwealth Edison Company
Thomas Leeming	Commonwealth Edison Company
Ronald Regner	Commonwealth Edison Company
Rehan Gilani	ConEdison Energy, Inc.
Bill Dugan	Customized Energy Solutions, Ltd.*
Guy Filomena	Customized Energy Solutions, Ltd.*
Carl Johnson	Customized Energy Solutions, Ltd.*
David Hastings	D Hast
Hertzel Shamash	Dayton Power & Light Company (The)
Ruth Price	DE Division of Public Advocate of the State of Delaware
John Farber	DE Public Service Commission
Pamela Knotts	DE Public Service Commission



Jaclyn Cantler	Delmarva Power & Light Company
Andrea Maucher	Division of the Public Advocate of the State of Delaware
Catherine Lacy	Dominion
David Witt	Dominion
Solomon Yirga	Dominion
Janhavi Dharmadhikari (ES)	Dominion Energy Marketing, Inc.
Denise James	Dominion Energy Marketing, Inc.
Rongda Zhao (ES)	Dominion Virginia Power
George Owens	Downes Associates, Inc.
Gregory Pakela	DTE Energy
George Dawe	Duke Energy
Edward Kirschner	Duke Energy Business Services LLC
Steve Steinkuhl	Duke Energy Business Services LLC
Jason Harchick	Duquesne Light Company
James Karcher	Duquesne Light Company
Iker Chocarro Aguirrebengoa	E.ON Climate & Renewables North America, Inc.
Darrin Adams	East Kentucky Power Cooperative, Inc.
Nathan Bradley	East Kentucky Power Cooperative, Inc.
Edgardo Manansala	East Kentucky Power Cooperative, Inc.
Malcolm Ainspan	Energy Curtailment Specialists, Inc.
Silpa Parnandi	Exelon
Kevin Thundiyil	Exelon
Melanie Sanders	Exelon Business Services Company, LLC
Ron Chu	Exelon Generation Co., LLC
Thomas Bainbridge	FirstEnergy Solutions Corporation
Jim Benchek	FirstEnergy Solutions Corporation
Martin Bolan	FirstEnergy Solutions Corporation
Jeffrey Mackauer	FirstEnergy Solutions Corporation
David Marton	FirstEnergy Solutions Corporation
Jeff Stuchell	FirstEnergy Solutions Corporation
Derek Hagaman	GT Power Group
David Pratzon	GT Power Group
James Nash	Hudson Transmission Partners, LLC
Mark Brozina	IMG Midstream LLC
Kenneth Foadare	IMG Midstream LLC
Alex Ma	Invenergy
John Kopinski	ITC MidAtlantic Development LLC
Edward Tsikirayi	Long Island Lighting Company d/b/a LIPA
Sharon Segner	LS Power Transmission, LLC
Ralph De Geeter	Maryland Public Service Commission
David Mabry	McNees Wallace & Nurick LLC
Adam Solomon	Midwest Independent Transm. Sys Op, Inc. (Credit Acct)
Seth Hayik	Monitoring Analytics
Timothy Martin	National Grid
Felicia Thomas-Friel	New Jersey Division of Rate Counsel
George Kogut	New York Power Authority
John Deese	NextEra Energy Transmission, LLC
Jodi Walters	NiSource Inc.
James Manning	North Carolina Electric Membership Corporation



Miles Taylor	Northern Indiana Public Services Company
Neal Fitch	NRG Power Marketing LLC
Fred Heizer	Ohio PUC
John Donelson	Old Dominion Electric Cooperative
Steven Lieberman	Old Dominion Electric Cooperative
Gregory Carmean	OPSI
Michelle Gasper	Other
P Jeffrey Palermo	Other
Frank Brandolisio	Peco
Mike Donnelly	Peco
John Koly	PECO Energy Company
Patricia Kurowski	PEPCO Holdings, Inc.
Amber Young	PEPCO Holdings, Inc.
Scott Gass	PowerGEM
Vincent Cuce	PPL Electric Utilities Corp. dba PPL Utilities
Lisa Krizenoskas	PPL Electric Utilities Corp. dba PPL Utilities
Shadab Ali	PPL Electric Utilities Corp. dba PPL Utilities (TO)
Michele Greening	PPL EnergyPlus, L.L.C.
Mollie Maher	PPL EnergyPlus, L.L.C.
Thomas Piascik	Primary Power LLC
James Caristia	PSEG
Cara Lewis	PSEG
Shelly Lyser	PSEG
Rich Marinelli	PSEG
Philip Moy	PSEG
Ming Zhou	PSEG
Kenneth Carretta	PSEG Energy Resources and Trade LLC
John Citrolo	PSEG Energy Resources and Trade LLC
Frank Czigler	Public Service Electric & Gas Company
Esam Khadr	Public Service Electric & Gas Company
Leonid Lyakhovich	Public Service Electric & Gas Company
Ahmed Mousa	Public Service Electric & Gas Company
Gerry Adamski	Quanta Technology
Raj Pudhota	Quanta Technology
James Stanton	Quanta Technology
Ray Mason	Reliability First
Tom Hoatson	Riverside Generating, LLC
Roleto Mangonon	Rockland Electric Company
Pamela Quinlan	Rockland Electric Company
Michael Brooks	RTO Insider
Rich Heidorn	RTO Insider
Chen Sun	SESCO Enterprises LLC
Andy Peebles	Shell Energy North America (US), LP
Anuj Kapadia	Smart Wire Grid, Inc.
Anuj Kapadia	Smart Wire Grid, Inc.
Esther Whieldon	SNL
Jack Halpern	Stantec
Rosy Lum	Transmission Hub
Eric Sorber	UGI Utilities, Inc.



Adam Weber
Ronnie Bailey
Kevin Curtis
James Wilson

Union Electric Company d/b/a Ameren Missouri
Virginia Electric & Power Company
Virginia Electric & Power Company
Wilson Energy Economics

PJM Staff Present:

Steve Herling, Chairman	PJM Interconnection, LLC
Mushin Abdurrahman	PJM Interconnection, LLC
Francis Barrett	PJM Interconnection, LLC
Aaron Berner	PJM Interconnection, LLC
Timothy Burdis	PJM Interconnection, LLC
Janell Fabiano	PJM Interconnection, LLC
Tom Falin	PJM Interconnection, LLC
Zhenyu Fan	PJM Interconnection, LLC
Suzanne Glatz	PJM Interconnection, LLC
Andrew Gledhill	PJM Interconnection, LLC
James Glennon	PJM Interconnection, LLC
Yonas Habtemichael	PJM Interconnection, LLC
Chantal Hendrzak	PJM Interconnection, LLC
Liem Hoang	PJM Interconnection, LLC
Bhavana Keshavamurthy	PJM Interconnection, LLC
James Kirby	PJM Interconnection, LLC
Mahesh Kumar	PJM Interconnection, LLC
Matthew LaRocque	PJM Interconnection, LLC
Chuck Liebold	PJM Interconnection, LLC
Paul McGlynn	PJM Interconnection, LLC
Jinny park	PJM Interconnection, LLC
Jason Quevada	PJM Interconnection, LLC
Heather Reiter	PJM Interconnection, LLC
Patricio Rocha	PJM Interconnection, LLC
Ken Schuyler	PJM Interconnection, LLC
Michelle Shea	PJM Interconnection, LLC
Mark Sims	PJM Interconnection, LLC
Simon Tam	PJM Interconnection, LLC
Jonathan Thompson	PJM Interconnection, LLC
Glenn Weiss	PJM Interconnection, LLC
Catherine Wesley	PJM Interconnection, LLC
Michael Herman, 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 noted that attendance would be taken by roll call sheets being circulated at the Planning Committee meetings moving forward. He also noted that WebEx attendees would be captured through their login credentials. After which, Mr. Herling asked Mr. Herman to review the minutes. Then Mr. Herman reviewed the meeting minutes of the September 2nd, 2014 Planning Committee meeting. Mr. Pratzon then made a motion to approve the minutes. Ms. Krizenoskas seconded the motion. In a voice vote, the Planning Committee approved the September 2nd, 2014 Planning Committee minutes.
- C. Mr. Herling provided an update on the Directional Carrier Blocking Charge Statement, informing the Planning Committee that this charge statement has been formally assigned to the Relay Subcommittee
- D. Mr. Kumar from PJM's Operations Support department led an informational presentation on updates to the Eastern Interface definition. This change resulted from the addition of the Lackawanna-Hopatcong line as part of the Susquehanna-Roseland project.
- E. Ms. Reiter provided an informational presentation on updates to PJM's Manual 03 resulting from the biannual review.

2. NERC/RRO UPDATE

Ms. Wesely provided the Planning Committee with an update on recent NERC activities and PJM compliance activities. This update included discussions of several standards under development including several PRC standards. Ms. Wesley pointed out that although NERC will be moving to a new acronym "RAS" (Remedial Action Scheme), PJM will continue the use of the term SPS (Special Protection Scheme) in its manuals.

3. TO/TOP MATRIX

This item was removed from the Planning Committee Agenda, and will be discussed at a future meeting.

4. SMART INVERTERS PROPOSAL PACKAGE

Ms. Keshavamurthy presented PJM's recommended package for enhanced inverters. The presentation included key work activities accomplished by the group; a Process recap, Polling results including 98.55% of respondents in support of PJM's package; Applicability; Package details and next steps. Mr. Herling asked the Planning Committee to endorse the recommended package for enhance inverters. Mr. Chu made a motion to endorse the enhanced inverter package. Mr. Donelson seconded the motion. **IN A VOICE VOTE, THE PLANNING COMMITTEE ENDORSED PJM'S RECOMMENDED PACKAGE FOR ENHNACED INVERTERS.***

5. MANUAL 14A CHANGES FOR SMALL GENERATOR

Ms. Shea provided a review of PJM Manual 14A changes regarding Small Generator Interconnection Procedures pre-application process. These changes are required by Order 792 and will become effective November 1, 2014 pending committee endorsement. Mr. Herling asked the Planning Committee to endorse the changes to M14A for Small Generator Interconnection Procedures pre-application process. Mr. Bailey made a motion to endorse the M14A changes. Ms. Esposito seconded the motion. **IN A VOICE VOTE, THE PLANNING COMMITTEE ENDORSED THE CHANGES TO M14A FOR SMALL GENERATOR INTERCONNECTION PROCEDURES PRE-APPLICATION PROCESS.***

6. 2014 IRM STUDY RESULTS

Mr. Rocha reviewed the 2014 IRM study results. This review included a decomposition of the change; Historical weighted-average forced outage rates and details of the IRM, FPR and DR Factor for delivery years 2015/16, 2016/17, 2017/18 and 2018/19. Additionally Mr. Rocha reviewed the Winter Weekly Reserve Target Value for upcoming 2014/15 winter operating period. Mr. Herling asked the Planning Committee to endorse the 2014 IRM Study results. Ms. Esposito made a motion to endorse the 2014 IRM Study results. Mr. Pratzon seconded the motion. **IN A VOICE VOTE, THE PLANNING COMMITTEE ENDORSED THE 2014 IRM STUDY RESULTS.***

7. SECURING M03 SECTION 5 FROM UNRESTRICTED PUBLIC ACCESS

Mr. Tam discussed the recent change to the posting of Manual 3 (Transmission Operations) due to CEII concerns. Mr. Tam noted that the intention of change is not to limit access to anyone who has a legitimate need, but to ensure proper CEII rules are followed.

8. PJM MANUAL 14B UPDATE FOR PRC-023-3

Mr. Habtemichael provided a first read of draft changes to PJM Manual 14B for PRC-023-3. Mr. Habtemichael stated that these changes are minor, and if anything will result in less facilities included on the PRC-023 list. Mr. Habtemichael will return to the November Planning Committee seeking endorsement of these changes.

9. TPL-001-4 R1 AND R7 REVIEW

Mr. Sims will reviewed M14B language previously approved by the Planning Committee for upcoming TPL-001-4 Requirements R1 and R7. Mr. Sims presented a first read of a modification to M14B language for R1 which was previously approved by the Planning Committee. Mr. Sims will return to the November Planning Committee seeking endorsement of this modification.

10. REVIEW OF MOD-032 PROCESS CHANGES

Mr. Thompson discussed upcoming changes to planning data requests regarding MOD-032. Mr. Thompson stated that he will return to a future Planning Committee Meeting to discuss additional details of this process change including data requirements and collection procedures.

11. PSEG ER&T PROBLEM STATEMENT

Mr. Carretta from PSEG presented a first read of the Problem Statement regarding Firm Injection Rights and Firm Withdrawal Rights. Mr. Carretta stated that he will return to the November Planning Committee seeking endorsement of this problem statement.

12. PROPOSAL WINDOW LESSONS LEARNED

Mr. Barrett led a discussion on the results of the PJM Window Process – Lessons learned poll. Mr. Barrett reviewed the top voted items and sought feedback on proper grouping of these items. Mr. Barrett also asked the Planning Committee members how they wanted to structure reviews of these items. Collectively the group discussed setting up a series of webex discussions to work through these groupings of lessons. Additionally, Mr. Barrett discussed other items already underway to address lessons learned from previous proposal windows. These currently underway items include communications, submission of secure, large files, and access to data.



13. FUTURE AGENDA ITEMS

There were no future agenda times suggested.

14. FUTURE MEETING DATES

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
Thursday, January 8, 2015	9:30 AM	PJM Conference and Training Center, Valley Forge, PA
Thursday, February 12, 2015	9:30 AM	PJM Conference and Training Center, Valley Forge, PA
Thursday, March 12, 2015	9:30 AM	PJM Conference and Training Center, Valley Forge, PA
Thursday, April 9, 2015	9:30 AM	PJM Conference and Training Center, Valley Forge, PA
Thursday, May 7, 2015	9:30 AM	PJM Conference and Training Center, Valley Forge, PA
Thursday, June 11, 2015	9:30 AM	PJM Conference and Training Center, Valley Forge, PA
Thursday, July 9, 2015	9:30 AM	PJM Conference and Training Center, Valley Forge, PA
Thursday, August 13, 2015	9:30 AM	PJM Conference and Training Center, Valley Forge, PA
Thursday, September 10, 2015	9:30 AM	PJM Conference and Training Center, Valley Forge, PA
Thursday, October 8, 2015	9:30 AM	PJM Conference and Training Center, Valley Forge, PA
Thursday, November 5, 2015	9:30 AM	PJM Conference and Training Center, Valley Forge, PA
Thursday, December 3, 2015	9:30 AM	PJM Conference and Training Center, Valley Forge, PA

Author: Michael Herman, PJM
Draft: 10/10/2014
Final: 11/10/2014
CERA: 3741059