



Meeting Minutes
PJM Interconnection
PJM Planning Committee
PJM Conference and Training Center
Valley Forge, PA
November 4th, 2014
9:30 AM

Members Present:

David Canter	AEP
Mike Hassay	AES
Rich Geosits	Allegheny Electric Cooperative, Inc.
Takis Laios	American Electric Power
Gary Fuerst	American Transmission Systems, Inc.
Chris Hagman	American Transmission Company, Inc.
Mike Schlindwein	American Transmission Company, Inc.
Brock Ondayko	Appalachain Power Company
Haik Gugarats	Argus Media
Patricia Esposito	Atlantic Grid Operations A, LLC
David Bloom	Baltimore Gas and Electric Company
Zelalem Tekle	Baltimore Gas and Electric Company
Anirudh Paduru	BGE
Ron Pezon	Borough of Chambersburg
Wil Burns	Burns Law Firm
Jakob Metzler	Castleton Commodities Merchant Trading L.P.
Yan Du	Central Transmission, LLC
Deral Danis	CLEAN LINE ENERGY PARTNERS LLC
Shahmeer Khaliqdina	Comed
Thomas Leeming	Commonwealth Edison Company
Rehan Gilani	ConEdison Energy, Inc.
Dermot Smyth	ConEdison Energy, Inc.
Guy Filomena	Customized Energy Solutions, Ltd.*
Carl Johnson	Customized Energy Solutions, Ltd.*
Jonathan Sasser	Customized Energy Solutions, Ltd.*
John Horstmann	Dayton Power & Light Company (The)
Jeff Wang	DC Energy
Jaclyn Cantler	Delmarva Power & Light Company
George Owens	Downes Associates, Inc.
George Dawe	Duke Energy Business Services LLC
Steve Steinkuhl	Duke Energy Business Services LLC
Judith Stubbe	Duke Energy Ohio, Inc.
Jason Harchick	Duquesne Light Company
Darrin Adams	East Kentucky Power Cooperative, Inc.
Nathan Bradley	East Kentucky Power Cooperative, Inc.
Amanda Stacy	East Kentucky Power Cooperative, Inc.
Malcolm Ainspan	Energy Curtailment Specialists, Inc.
Iker Chocarro	EON



M.Q. Riding	Essebtial Poer
Melanie Sanders	Exelon
Rebecca Stadelmeyer	Exelon Business Services Company, LLC
Ron Chu	Exelon Generation Co., LLC
John Sillin	FERC
Jim Benchek	FirstEnergy Solutions Corporation
David Marton	FirstEnergy Solutions Corporation
Jeff Stuchell	FirstEnergy Solutions Corporation
John Syner (FE)	FirstEnergy Solutions Corporation
Jason Frasier	GE
Derek Hagaman	GT Power Group
David Pratzon	GT Power Group
James Nash	Hudson Transmission Partners, LLC
Kenneth Foadare	IMG Midstream LLC
Edward Tsikirayi	Long Island Lighting Company d/b/a LIPA
Adam Solomon	Midwest Independent Transm. Sys Op, Inc. (Credit Acct)
Christin Domian	Mitsubishi Electric Power Products Inc.
Dave Mabry	MWN
Nabil Hitti	New England Power Company
George Kogut	New York Power Authority
John Deese	NextEra Energy Transmission, LLC
Jodi Walters	NiSource Inc.
James Manning	North Carolina Electric Membership Corporation
Vincent yang	NRG Power Marketing LLC
Fred Heizer	Ohio PUC
John Donelson	Old Dominion Electric Cooperative
Roleto Mangonon	ORU
Michelle Gasper	Other
John Kopinski	Other
P Jeffrey Palermo	Other
Martin Shalhoub	Other
Iris Boci	PECO Energy Company
Pulin Shah	PECO Energy Company
Patricia Kurowski	PEPCO Holdings, Inc.
Amber Young	PEPCO Holdings, Inc.
Shadab Ali	PPL Electric Utilities Corp. dba PPL Utilities (TO)
Michele Greening	PPL EnergyPlus, L.L.C.
Thomas Piascik	Primary Power LLC
Leonid Lyakhovich	PSEG
James Caristia	PSEG
Kenneth Carretta	PSEG Energy Resources and Trade LLC
John Citrolo	PSEG Energy Resources and Trade LLC
Ahmed Mousa	Public Service Electric & Gas Company
John Fernandes	Res Americas
Joel Yu	Rockland Electric Company
Rich Heidorn	RTO Insider
Gerry Binder	SESCO Enterprises LLC
Andy Peebles	Shell Energy North America (US), LP
Adam Weber	Union Electric Company d/b/a Ameren Missouri



Ronnie Bailey
William Birnel

Virginia Electric & Power Company
Westar Energy, Inc.

PJM Staff Present:

Steve Herling, Chairman	PJM Interconnection, LLC
Bridgid Cummings	PJM Interconnection, LLC
David Egan	PJM Interconnection, LLC
Aaron Berner	PJM Interconnection, LLC
Tom Falin	PJM Interconnection, LLC
Andrew Gledhill	PJM Interconnection, LLC
James Glennon	PJM Interconnection, LLC
Yonas Habtemichael	PJM Interconnection, LLC
Frank Koza	PJM Interconnection, LLC
Paul McGlynn	PJM Interconnection, LLC
Jason Quevada	PJM Interconnection, LLC
John Reynolds	PJM Interconnection, LLC
Patricio Rocha-Garrido	PJM Interconnection, LLC
Mark Sims	PJM Interconnection, LLC
Jonathan Thompson	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. Mr. Pratzon suggested a topic for discussion regarding the planning impacts of the AEP decision to divide its territory into 4 separate zones for energy pricing purposes. Mr. Herling led a discussion on this topic, concluding that this division would not impact planning analysis, and therefore did not require any changes to planning processes.
- B. Mr. Herman reviewed the meeting minutes of the October 9th, 2014 Planning Committee meeting. Mr. Chu then made a motion to approve the minutes. Mr. Carretta seconded the motion. In a voice vote, the Planning Committee approved the October 9th, 2014 Planning Committee minutes.
- C. Mr. Herling noted that the TEAC meeting will be moved to November 11th 2014 due to a conflict with the Enhanced Liaison Committee.
- D. Mr. Herling reminded the Planning Committee Members that during the December 4th Planning Committee and TEAC meetings, PJM will host a special holiday lunch, as has been in recent years.
- E. Mr. Herling reminded the Planning Committee of upcoming special meetings to review the RTEP Proposal Window lessons learned. These meetings are all posted to the Planning Committee page of pjm.com.

2. NERC/RRO UPDATE

Mr. Herman provided the NERC/RRO update. The only standard under development for this month is the TOP-001-3 standard. This standard is posted for industry ballot and comments, both closing on 11/10/2014. It is specific to TOP-001-3. PJM submitted an Affirmative ballot in the previous posting and will be submitting an Affirmative ballot in the present posting. We are reviewing inclusion of a comment to more specifically define 'sustained' and 'momentary' because as written, there may be some ambiguity.

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

Mr. Habtemichael reviewed the changes to PJM Manual 14B regarding the implementation of 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. Herling asked the Planning Committee to endorse the Manual 14B changes. Mr. Chu made a motion to endorse the Manual 14B update. Ms. Boci seconded the motion. **IN A VOICE VOTE, THE PLANNING COMMITTEE ENDORSED CHANGES TO MANUAL 14B REGARDING PRC-023-3. ***

4. PSEG ER&T PROBLEM STATEMENT

Mr. Carretta from PSEG reviewed a problem statement regarding Firm Injection Rights and Firm Withdrawal Rights. A few comments were made regarding specific wording choices, and Mr. Carretta accepted two friendly amendments as follows: 1) The last sentence of the 5th paragraph will be amended to say that "NYSIO recognizes PARs as a flow control technology that may be sufficient..." 2) The Expected Overall Duration of Work was extended to 3-6 months. With these amendments Mr. Herling asked the Planning Committee to endorse the problem statement. Mr. Chu made a motion to endorse the problem statement. Ms. Boci seconded the motion. **IN A VOICE VOTE, THE PLANNING COMMITTEE ENDORSED PSEG'S PROBLEM STATEMENT. ***

5. TPL-001-4 R1 AND R7 REVIEW

Mr. Sims reviewed PJM Manual 14B language previously approved by the Planning Committee for upcoming TPL-001-4 requirements R1 and R7. Mr. Sims reviewed the modifications to this language since the previous Planning Committee endorsement. Mr. Herling asked the Planning Committee to endorse the M14B changes. Mr. Syner made a motion to endorse the M14B changes. Mr. Chu seconded the motion. **IN A VOICE VOTE, THE PLANNING COMMITTEE ENDORSED THE CHANGES TO M14B REGARDING TPL-001-4 R1 AND R7. ***

6. M14B DRAFT LANGUAGE FOR MULTI-DRIVER APPROACH

This item was not discussed at the November Planning Committee meeting. PJM expects to have materials for this item at a future meeting of the Planning Committee.

7. RELIABILITY ISSUES BY FACILITY TYPE

Mr. Sims provided an overview on how PJM approaches reliability issues for various categories of facilities. Mr. Sims discussed the Markets and Operations transmission facilities lists, monitored facilities tariff facilities and BES facilities with respect to PJM analysis.

8. REVIEW OF MOD-032 PROCESS CHANGES

Mr. Thompson updated the planning committee on current initiatives regarding the implementation of the MOD-032 and MOD-033 processes. Mr. Thompson discussed the MMWG case build schedule, the MOD-032 schedule and next steps. Mr. Thompson indicated that he will post a preliminary data requirements document to PJM.com late this



month, and notify the Planning Committee via email.

9. PJM LOAD FORECAST MODEL DEVELOPMENT

Mr. Gledhill reviewed an ongoing effort to incorporate electric usage trends into the energy model of the PJM Load Forecast. Mr. Gledhill said that PJM will incorporate a new approach as the E-a tables in this year’s Load Forecast report, and begin looking into the trends for potential inclusion in the peak forecast model in the future. Additional information on this topic is available at the Load Analysis Subcommittee website from the 10/16/2014 meeting.

10. SUMMER 2014 PJM LOADS

Mr. Reynolds reviewed analysis of RTO Loads from the summer of 2014. Mr. Reynolds said from a weather perspective the peak day heat index in 2014 was the mildest in 10 years.

11. TPL-007 (GEOMAGNETIC DISTURBANCE MITIGATION)

Mr. Koza provided an update on the draft Geomagnetic Disturbance Mitigation standard, TPL-007. Mr. Koza indicated that there is a 3rd ballot occurring in November on this topic, and PJM is asking members to vote in favor of the TPL-007 standard.

12. FUTURE AGENDA ITEMS

There were no future agenda times suggested.

13. FUTURE MEETING DATES

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
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