



Meeting Minutes
PJM Interconnection
PJM Planning Committee
Chase Center
Wilmington, DE
December 15th, 2011
9:30 AM

Members Present

Tom Simpson	3M High Capacity Conductors (ACCR)
Jeff Brown	AEP Service Corp
Chris Norton	American Municipal Power, Inc.
Patrick Gerum	American Transmission Company, LLC
David Canter	Appalachian Power Company
Scott Huff	Appalachian Power Company
Takis Laios	Appalachian Power Company
Paul McCoy	Atlantic Grid Operations A, LLC
Brian Hallett	ATSI
David Bloom	Baltimore Gas and Electric Company
Charlie Matassa	BGE
Ron Pezon	Borough of Chambersburg
Wil Burns	Burns Law Firm LLC
John Citrolo	Calpine Energy Services, L.P.
Barry Tryers	CitiGroup Energy, Inc.
Tom Leeming	Comed
Ronald Regner	Commonwealth Edison Company
Rehan Gilani	ConEdison Energy, Inc.
Jason Barker	Constellation Energy Commodities Group, Inc.
Dean Bickerstaff	Constellation Energy Commodities Group, Inc.
Mark Tribett	Constellation Energy Commodities Group, Inc.
Damase Hebert	Covanta Energy Group, Inc.
Bill Schofield	Customized Energy Solutions, Ltd.*
John Horstmann	Dayton Power & Light Company (The)
Hertzel Shamash	Dayton Power & Light Company (The)
Jaclyn Cantler	Delmarva Power & Light Company
David Hastings	DHastCo, LLC
Andrea Maucher	Division of the Public Advocate of the State of DE
George Owens	Downes Associates, Inc.
Gregg Pakela	DTE Energy Trading, Inc.
Ken Jennings	Duke Energy Business Services LLC
Dan Feldman	Duke Energy Ohio, Inc.
Jason Harchick	Duquesne Light Company
Jim Karcher	Duquesne Light Company
Jennifer Ayers-Brasher	E.ON Climate & Renewables North America Inc.
Michael Erbrick	EDF Trading North America, LLC
Bruce Campbell	EnergyConnect Group, Inc.
Aaron Breidenbaugh	EnerNOC, Inc.



Dan Griffiths	Enerwise Global Technologies, Inc.
Christopher Nekolny	Exelon Generation Co., LLC
David Pratzon	Exelon Generation Co., LLC
Rebecca Stadelmeyer	Exelon Generation Co., LLC
John Sillin	Federal Energy Regulatory Commission
Gavin Cunningham	FirstEnergy
Carl Bridenbaugh	FirstEnergy Solutions Corp.
Gerald Huff	FirstEnergy Solutions Corp.
Tony Lindeman	FirstEnergy Solutions Corp.
Jeffrey Mackauer	FirstEnergy Solutions Corp.
Dave Marton	FirstEnergy Solutions Corp.
Neal Fitch	GenOn Energy Management, LLC
Thomas Fecho	Indiana Michigan Power Company
Jason Minalga	Invenergy LLC
Carl Johnson	Long Island Lighting Company dba LIPA
Raj Pudhota	LS Power
David Mabry	McNees Wallace
Sandra Patty	MD DNR
Craig Taborsky	MD PSC
Al Freeman	Michigan Public Service Commission
Chris Shelton	Millennium Partners
Steve Jeremko	New York State Electric & Gas Corporation
Steve Huntoon	NextEra Energy Power Marketing, LLC
James Manning	North Carolina Electric Membership Corporation
Pat Esposito	NRG Power Marketing, L.L.C.
John Donelson	Old Dominion Electric Cooperative
Steven Lieberman	Old Dominion Electric Cooperative
Ron Chu	PECO Energy Company
Kathy McHugh	PECO Energy Company
Rishi Garg	Peoples Counsel for DC
Patricia Kurowski	Potomac Electric Power Company
Scott Gass	PowerGEM
Ephram Glass	PPL Electric Utilities Corporation d/b/a PPL Utilities
Michele Greening	PPL Energy Plus, LLC
Jay Fuess	Premcor
Mark Brozina	Primary Power LLC
Thomas Piascik	Primary Power LLC
Ralph De Geeter	PSC of Maryland
Laurent Pommier	PSEG Energy Resources and Trade LLC
Glenn Catenacci	Public Service Electric & Gas Company
Gerry Binder	SESCO Enterprises LLC
John Brodbeck	Shell Energy North America (US), LP
Barbara Scoglietti	Tangent Energy Solutions, Inc.
Jack Holodak	The Valley Group, a Nexans Company
Eric Sorber	UGI Utilities, Inc.
Ronnie Bailey	Virginia Electric & Power Company
Abhijit Rajan	Virginia Electric & Power Company
Samuel Wolfe	Viridity Energy, 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
Al Elmy	PJM Interconnection
Tom Falin	PJM Interconnection
Mark Kuras	PJM Interconnection
John Reynolds	PJM Interconnection
Michelle Shea	PJM Interconnection
Mark Sims	PJM Interconnection
Mike Herman, Secretary	PJM Interconnection

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. Herman to call the roll. Mr. Herling then asked Mr. Herman to review the meeting minutes of the November 3rd, 2011 Planning Committee meeting. Mr. Chu made a motion to approve the minutes as amended. Mr. Manning seconded the motion. In a voice vote, the Planning Committee approved the November 3rd, 2011 Planning Committee minutes.

2. NERC/RRO UPDATE

Mr. Kuras provided the Planning Committee with an update on recent NERC activities, PJM compliance activities, and PJM compliance bulletins.

3. PJM Manual 14B

- A. Mr. Sims discussed proposed changes to PJM Manual 14B to add additional detail to the NERC Standard PRC-023 Transmission Relay Loadability section. Mr. Herling then requested Planning Committee endorsement of Manual 14B changes. Mr. Chu made a motion to endorse PJM Manual 14B Changes. Mr. Glass seconded the motion. In a voice vote, the Planning Committee endorsed THE CHANGES TO PJM Manual 14B. *
- B. Mr. Sims discussed proposed PJM Manual 14B language regarding the amount of generation scaled by the PJM Generation Deliverability and Common Mode Outage Tests including CBM usage in Adder Dispatch. Mr. Sims stated that he would potentially ask for Planning Committee endorsement of the draft language at the January 2012 Planning Committee meeting, pending resolution of the questions raised.

4. CLEVELAND LDA

Mr. Sims updated the Planning Committee on the evaluation of a Cleveland LDA.

5. MINIMUM UNLIMITED RESOURCE REQUIREMENT *

Mr. Falin discussed proposed changes to the procedure to determine the minimum unlimited resource requirements. Mr. Herling then requested Planning Committee endorsement of the change to the timeframe of data and endorsement of the changes to the OATT and Manual 20 regarding use of the “10/90” values in the analysis. Mr. Chu

made a motion to endorse these changes. Mrs. Cantler seconded the motion. Two votes were conducted, the first to change the time frame to use 10 years of data excluding all years prior to 2006. The results of this vote were as follows: Yes: 90; No: 16; Abstain: 32. The second vote was to endorse the changes to the OATT and PJM Manual 20 regarding the use of the "10/90" values in the analysis. The results of this vote were as follows: Yes: 99; No: 24; Abstain: 15. BASED ON THE RESULTS OF THE VOTES, BOTH ITEMS WERE ENDORSED BY THE PLANNING COMMITTEE.

6. LOAD DROP REPORTING

AEP discussed load drop reporting and the use of load drop estimates (addbacks) in load forecasting, and provided a problem statement for consideration. Mr. Reynolds will work with AEP to draft a charge statement, if anyone has additional comments, please contact Mr. Reynolds. The charge statement will be reviewed at the January 2012 Planning Committee Meeting.

7. OPERATION TESTING STANDARDS FOR MERCHANT FACILITIES.

Mr. Berner reviewed proposed changes to PJM Manual 14E and section 232.7 of the PJM Tariff to define operations testing standards and requirements for Merchant Facilities. Proposed changes include language updates to section 232.7 of the PJM Tariff and the addition of section 2.8 (Procedure to Maintain Firm Transmission Injection Rights (TIRs)) to PJM Manual 14E. Mr. Berner stated that this item will be discussed further at the January 2012 PC Meeting.

8. 2012 LOAD FORECAST REPORT

Mr. Reynolds provided an update on the 2012 Load Forecast Report and shared preliminary graphs and tables from the upcoming 2012 Load forecast Report.

9. TARIFF PART 4 *

Mr. Berner reviewed changes to subpart G (Small Generator Interconnection Procedure) including updates to the generation and load deliverability testing requirements. Mr. Herling then requested Planning Committee endorsement of the changes to Tariff Part 4 subpart G. Mr. Bailey made a motion to endorse PJM Manual Tariff Part 4 subpart G changes. Mr. Chu seconded the motion. IN A VOTING VOICE, THE PLANNING COMMITTEE ENDORSED THE CHANGES TO TARIFF PART 4 SUBPART G.

10. PJM MANUAL 14A

Mr. Elmy discussed changes to PJM Manual 14A regarding unit output. Manual changes include proposed language in section 1.8 to better define unit output increases and minor changes to add clarity and consistency. Mr. Elmy stated that this would be brought back to the January 2012 Planning Committee Meeting for further review.

11. BEHIND THE METER INTERCONNECTION REQUEST

Mr. Berner discussed Tariff requirements and procedures regarding the modification of an interconnection request for behind the meter generation seeking capacity. Proposed manual language allows for capacity to be reduced, but not increased during the interconnection study process. Mr. Berner stated that he would ask for Planning Committee endorsement of the draft language at the January 2012 Planning Committee meeting.



12. PJM MANUAL 14A – MARKET SOLUTIONS

Mr. Berner discussed language changes to PJM Manual 14A regarding Market Solutions. Manual language includes text relating to the possibility of an event occurring where a network upgrade associated with an interconnection project that has accepted designation as a market solution is terminated. In this event, PJM will perform market efficiency analysis with and without the network upgrade to determine which PJM zones are affected. Mr. Berner stated that he would ask for Planning Committee endorsement of the draft Manual 14A language at the January 2012 Planning Committee meeting.

13. FUTURE AGENDA ITEMS

- A. Maximum Facility output.
- B. Case Utilization for interconnection studies.

14. FUTURE MEETING DATES

Thursday, January 12, 2012	9:30 AM	Chase Center, Wilmington, DE
Thursday, February 16, 2012	9:30 AM	Chase Center, Wilmington, DE
Thursday, March 15, 2012	9:30 AM	Chase Center, Wilmington, DE
Thursday, April 12, 2012	9:30 AM	Chase Center, Wilmington, DE
Thursday, May 10, 2012	9:30 AM	Chase Center, Wilmington, DE
Thursday, June 14, 2012	9:30 AM	Chase Center, Wilmington, DE
Thursday, July 12, 2012	9:30 AM	T.B.D.
Thursday, August 9, 2012	9:30 AM	T.B.D.
Thursday, September 13, 2012	9:30 AM	T.B.D.
Thursday, October 11, 2012	9:30 AM	T.B.D.
Monday, November 5, 2012	9:30 AM	T.B.D.
Thursday, December 13, 2012	9:30 AM	T.B.D.

Author: Michael Herman, PJM
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