



DRAFT  
Meeting Minutes  
PJM Interconnection  
PJM Planning Committee  
PJM Conference and Training Center  
Valley Forge, PA  
June 5<sup>th</sup>, 2014  
9:30 AM

Members Present:

David Canter	AEP
Michele Gasper	AEP
John Syner (FE)	Allegheny Power
Patrick Hayes	Ameren Control Area
Chris Norton	American Municipal Power, Inc.
Mike Schlindwein	American Transmission Company, LLC
Gary Fuerst	American Transmission Systems, Inc.
Takis Laios	Appalachian Power Company (AEP Transmission)
Mohamed El Gassier	Atlantic Wind Connection
David Bloom	Baltimore Gas and Electric Company
Ron Pezon	Borough of Chambersburg
Barry Trayers	Citigroup Energy, Inc.
Diana Rivera	Cleanline energy
William Allen	Commonwealth Edison Company
Thomas Leeming	Commonwealth Edison Company
Rehan Gilani	ConEdison Energy, Inc.
Carl Johnson	Customized Energy Solutions, Ltd.*
John Horstmann	Dayton Power & Light Company (The)
John Farber	DE Public Service Commission
David Scarpignato	Direct Energy Business, LLC
Janhavi Dharmadhikari	Dominion Virginia Power
George Owens	Downes Associates, Inc.
Steve Steinkuhl	Duke Energy Business Services LLC
Judith Stubbe	Duke Energy Ohio, Inc. (EDC)
Jason Harchick	Duquesne Light Company
Darrin Adams	East Kentucky Power Cooperative, Inc.
Chuck Dugan	East Kentucky Power Cooperative, Inc.
Jason Banker	Exelon
Melanie Sanders	Exelon Business Services Company, LLC
Ron Chu	Exelon Generation Co., LLC
Michelle Henry	FirstEnergy
Gavin Cunningham	FirstEnergy Corporation
David Marton	FirstEnergy Corporation
Thomas Bainbridge	FirstEnergy Solutions Corp.
Jim Benchek	FirstEnergy Solutions Corporation
David Pratzon	GT Power Group



James Nash	Hudson Transmission Partners, LLC
Kenneth Foladare	IMG Midstream LLC
Edward Tsikirayi	Long Island Lighting Company
George Kogut	New York Power Authority
John Deese	NextEra Energy Services New Jersey, LLC
Jodi Walters	NiSource Inc.
Neal Fitch	NRG Power Marketing LLC
Steven Lieberman	Old Dominion Electric Cooperative
Wil Burns	Other
Bill Burt	Other
Guy Filomena	Other
Amy Fisher	Other
John Kopinski	Other
William Kouam Kamwa	Other
Gregory Mac Elise	Other
James Wilson	PJM Connect
Juliana Brint	Platts
Vincent Cuce	PPL Electric Utilities Corp. dba PPL Utilities
Lisa Krizenoskas	PPL Electric Utilities Corp. dba PPL Utilities
Michele Greening	PPL EnergyPlus, L.L.C.
Kenneth Carretta	PSEG Energy Resources and Trade LLC
Esam Khadr	Public Service Electric & Gas Company
James Jablonski	Public Service Electric & Gas Company
Tom Hoatson	Riverside Generating, LLC
Deral Danis	Rock Island Clean Line LLC
Roleto Mangonon	Rockland Electric Company
Kishan Patel	Rockland Electric Company
Rich Heidorn	RTO Insider
David Jwanier	RTO Insider
Andy Peebles	Saracen Energy East LP
Gerry Binder	SESCO Enterprises LLC
Ronnie Bailey	Virginia Electric & Power Company

### PJM Staff Present:

Steve Herling, Chairman	PJM Interconnection, LLC
Mushin Abdurrahmah	PJM Interconnection, LLC
Francis Barret	PJM Interconnection, LLC
Aaron Berner	PJM Interconnection, LLC
Robert Eckenrod	PJM Interconnection, LLC
David Egan	PJM Interconnection, LLC
Tom Falin	PJM Interconnection, LLC
Andy Ford	PJM Interconnection, LLC
Sue Glatz	PJM Interconnection, LLC
Gary Helm	PJM Interconnection, LLC
Michael Herman	PJM Interconnection, LLC



Frank Koza	PJM Interconnection, LLC
Mark Kuras	PJM Interconnection, LLC
Charles Liebold	PJM Interconnection, LLC
Paul McGlynn	PJM Interconnection, LLC
Tracy Miehke	PJM Interconnection, LLC
Mark Sims	PJM Interconnection, LLC
Sue Snyder	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 May 8th, 2014 Planning Committee meeting. Mr. Chu then made a motion to approve the minutes. Mr. Pratzon seconded the motion. In a voice vote, the Planning Committee approved the May 8th, 2014 Planning Committee minutes.
- C. Mr. Herman provided an update regarding the Energy Storage Participation in RPM Group. There haven't been any meetings since the last one held on 4/30. The next meeting will be held on 6/10. This meeting will continue to develop rules leading to the participation of energy storage resources into RPM. All suggestions or inquiries should be emailed to [Michael.Herman@pjm.com](mailto:Michael.Herman@pjm.com)
- D. Ms. Miehke provided an update from the Smart Inverter group. The education sessions are now complete. More members are asked to participate. The next meeting will be on June 11<sup>th</sup>.
- E. Mr. Sims discussed the timing and content of the upcoming 2014 RTEP Proposal Window. The draft baseline, generation deliverability, and load deliverability analyses have been posted to PJM.com for review by the window participants. The TOs are in the quality control check phase for the N-1-1 analysis. Once the quality control check is finished, PJM will announce the opening of the 2014 RTEP Proposal Window. PJM will post the upgrade proposal template for incremental upgrades to existing facilities that would resolve identified issues found in the analyses.
- F. Mr. Eckenrod provided an update regarding the Small Generator Interconnection Procedures. The compliance filing for Order 792 is due by August 4<sup>th</sup>. With the compliance filing coming up, a webinar will be setup to provide background and education to members in late June. Depending on the feedback back in June, another may be scheduled in July.

## 2. NERC/RRO UPDATE

Mr. Kuras provided the Planning Committee with an update on recent NERC activities and PJM compliance activities. Initial Ballot and comments are due for the PRC-026-1 standard relating to Project 2010-13.3 Phase 3 of Relay Loadability by 6/09. The ballot and comments are due for PRC-002-2 standard relating to Project 2007-11 – Disturbance Monitoring by 6/23. The ballot and comments are due for PRC-004-3 standard relating to Project 2010-



05.1 Protection System Misoperations by 6/30. The ballot and comments are due for Project 2014-03 Revisions to TOP and IRO Standards by 7/2.

### **3. NERC BES DEFINITION CHANGE**

Mr. Ford discussed the recent NERC BES definition change. PJM Compliance Bulletin CB014 has been posted as a notification to PJM members. The revised BES definition is effective July 1, 2014. The revised definition focuses on equipment rated 100kV and now includes equipment rated below 100kV. The bulletin gives background regarding filing an exception request for equipment that may no longer be considered BES. All questions and comments should be sent to Regional Compliance and DMS Officers.

### **4. GEOMAGNETIC DISTURBANCES STANDARDS UPDATE**

Mr. Koza provided an update regarding the development of planning standards on Geomagnetic Disturbances.

### **5. EIPC GAS/ELECTRIC COORDINATION STUDY UPDATE**

Mr. Helm provided an update regarding the on-going Gas/Electric System Interface study. The baseline systems draft report has been posted. The Infrastructure Capability and Contingency Analysis are currently being evaluated, which has a completion date of late July. Work is ongoing with pipelines and LDCs to obtain gas sector information analysis. The next meeting will be held June 25<sup>th</sup> and June 26<sup>th</sup>.

### **6. WINTER FORCED OUTAGE RATE ANALYSIS**

Mr. Falin discussed the winter forced outage rate analysis. Given the winter 2014 events, PJM is performing analysis of winter generation performance which will focus on weather-related forced outages and gas curtailments. This analysis will be a 2019/2020 study. Correlations between winter conditions and generation forced outages are being studied on a TO zonal basis. This approach is different than the currently assumed random forced outage rate which is held constant throughout each season of the year. As patterns are established between winter conditions and generation outages, some planning procedures and assumptions may need to be revised.

### **7. MANUAL 14B CHANGES FOR COST ALLOCATION**

Mr. Sims provided a first read of changes to cost allocation section in Manual 14B. Manual 14B is being updated to reflect the current approved of cost allocation methodology as described in the PJM OATT. A first read will also be held at the MRC on June 26<sup>th</sup>. PJM is asking for member feedback regarding these changes. If no significant change is suggested, Mr. Sims will be back in July seeking endorsement.

### **8. MANUAL 14A CHANGES FOR INTERIM DELIVERABILITY STUDIES**

Mr. Berner provide a first read regarding changes to how the interim deliverability studies are conducted as outlined in Manual 14A. Project requesting an in-service date earlier than the date of the case year studied on will need to be evaluated to determine if any network reinforcements are needed to accommodate this request. Should a network reinforcement not be available during the year a project requests to be in-service, the project will have an interim deliverability study conducted to determine what output can be made onto the system without the upgrades being built. PJM is requesting feedback for these changes.

### **9. FUTURE AGENDA ITEMS**



There were no future agenda times suggested.

**10. FUTURE MEETING DATES**

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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