



**DRAFT**  
**Meeting Minutes**  
**PJM Interconnection**  
**PJM Operating Committee (156<sup>th</sup> Meeting)**  
**PJM Service Center – S-1**  
**Tuesday, December 21, 2010**  
**9:30 AM**

**Members Present:**

Frank J. Koza, Chairman  
Christopher Pulong, Secretary  
J. Andrew Dodge  
Guy Filomena  
David Steigerwald  
David Scarp  
David Pratzon  
William Dugan  
David Weaver  
Brad Weghorst  
Mark Heimbach  
Steven Kimmish  
Russell W. Price

PJM Interconnection  
PJM Interconnection  
Baltimore Gas & Electric Company  
Customized Energy Solutions, Ltd.  
Customized Energy Solutions, Ltd.  
Direct Energy Business, LLC  
Exelon Generation Co., LLC  
Monitoring Analytics, LLC  
PECO Energy Company  
PPL EnergyPlus, LLC  
PPL Martins Creek, LLC  
PSEG Energy Resource & Trade LLC  
UGI Utilities, Inc.

**Members Present via Conference Call:**

Bruce Erickson  
Robin Libbos  
Mark Klohonatz  
David Canter  
Timothy Hostetler  
Paul Johnson  
Gregory Urbin  
Rehan Gilani  
Stephen Knapp  
Robert Pleiss  
Donald Gebele  
John Horstmann  
Kenneth Jennings  
Timothy Abbott

Allegheny Electric Cooperative, Inc.  
Allegheny Energy Supply Company, LLC  
Allegheny Power  
Appalachian Power Company  
Appalachian Power Company  
Appalachian Power Company  
Baltimore Gas & Electric Company  
ConEdison Energy, Inc.  
Constellation Energy Commodities Group  
Constellation Energy Commodities Group  
Dayton Power & Light Company  
Dayton Power & Light Company  
Duke Energy Business Services, LLC  
Duke Energy Ohio, Inc.



**Members Present via Conference Call: (Cont'd.)**

Patrick Conti  
Jeffrey Ellis  
Bruce Campbell  
James Benchek  
Gerald Huff, Jr.  
Anthony Lindeman  
Donald Miller  
Andrew Hunter  
Megan Wisersky  
David S. Mabry  
Al Freeman  
Jeffrey Daniels (representing Michael DeCesaris)  
Martin Diamant  
Ronald E. Wharton  
Jason Cross  
Jacquie Smith  
Todd Poynton (representing Patrick Burke)  
Thomas Bradish  
Charles Bonner  
Joseph Brown  
Jack Kerr  
Joseph Wadsworth

Duquesne Light Company  
Edison Mission  
EnergyConnect, Inc  
FirstEnergy Solutions Corp.  
FirstEnergy Solutions Corp.  
FirstEnergy Solutions Corp.  
FirstEnergy Solutions Corp.  
FirstEnergy Transmission  
Madison Gas & Electric  
McNees Wallace  
Michigan Public Service  
PPL Electric Utilities Corporation  
PSEG Energy Resource & Trade LLC  
Public Service Electric & Gas Company  
PUC Ohio  
ReliabilityFirst Corp.  
Rockland Electric Company  
RRI Energy Services, Inc.  
Virginia Electric & Power Company  
Virginia Electric & Power Company  
Virginia Electric & Power Company  
Vitol Inc.

**Also Present:**

David A. Anders  
Michael E. Bryson  
Thomas M. Hauske  
William H. Herbsleb  
Susan E. Kenney  
Jack O'Neill  
Ian Mundell  
Kenneth A. Schuyler  
Kenneth S. Seiler  
Laura Walter

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**1. ADMINISTRATION**

- The Agenda for this meeting was approved with one addition.



- VAR-002 concerns with voltage regulator being taken off/on during ramp up/off (Bob Pleiss).
- The Draft Minutes of the November 16, 2010 OC meeting were approved as drafted.

## **2. COMMITTEE/SUBCOMMITTEE/WORKING GROUP UPDATES**

PJM Staff will provide an informational report on the issues and activities associated with the Committee/Subcommittee:

- Markets and Reliability Committee – Mr. Anders provided a summary of the December 15<sup>th</sup> MRC meeting.
- Markets Implementation Committee – Ms. Kenney provided a summary of the December 7<sup>th</sup> MIC meeting.
- System Information Subcommittee – Mr. Mundell (on behalf of Mr. Graff) provided a summary of the December 15<sup>th</sup> SIS meeting
- System Operations Subcommittee – Mr. Bryson provided a summary of the December 8<sup>th</sup> SOS meeting.
- Intermittent Resources Working Group – Mr. Schuyler provided a summary of the December 20<sup>th</sup> IRWG meeting.
- Reliability Standards and Compliance Subcommittee – Mr. Kuras provided a summary of the December 16<sup>th</sup> RSACS meeting.



### 3. UPDATED PJM STAKEHOLDER PROCESS

- Mr. Anders reviewed changes to the PJM Stakeholder process focusing on the new requirements for proposing problems/issues for committee review.

### 4. NERC/RFC UPDATE

- Ms. Kuras provided an update on NERC, SERC, RFC and NAESB Regional Standards.
- Mr. Herbsleb reviewed the FERC Order on the Frequency Response Standards (<http://www.ferc.gov/whats-new/comm-meet/2010/121610/E-11.pdf>). A proposed timeline from NERC to draft the new BAL-003-1 standard has been filed and accepted by FERC. The OC Members requested they be kept informed of the impacts this will have to the Generator Owners. The OC Members asked that the NERC survey of Generator Owners be summarized and made available.
- PJM Operations Staff gave an update on relevant NERC Committee meetings work activities.

### 5. REVIEW OF OPERATIONS

- Mr. Bryson provided a review of PJM Operations for December 2010.
- OC Members raised no operating issues.

### 6. AC<sup>2</sup> UPDATE

- Mr. Seiler provided an update on current activities associated with the AC2 project.



- Mr. Deloach provided an update on the migration plan to meet the Go-Live goal of Q1 2011.

## **7. DSR PERFORMANCE**

Mr. O'Neill gave a preliminary review of DSR performance and testing. The final report will be issued before the end of the year. A recommendation was made by the OC Members that PJM pre-define sub-zonal grouping of DSR resources to minimize confusion during an operational event, minimizing the time to respond.

## **8. CAPACITY MAXIMUM NOTIFICATION + STARTUP TIME**

- Mr. Dugan reviewed the MMU proposal for Maximum Notification and Start Times. OC Members expressed concerns with applying the notification times to both cost and market based offers.
- Mr. Bryson discussed updates to the latest PJM proposal to limit Notification and Start-up time for capacity resources, including member and committee feedback. OC Members raised NERC compliance concerns with the current language that indicates units outside the notification time be reported as 'forced outages'. Mr. Bryson will adjust the language to tie this more closely to units outside the defined exception process.
- The OC Members indicated that the exception process, and whether this is applied on a global basis or unit by unit basis, is a key decision point to providing additional feedback.

## **9. MANUAL UPDATES**

- Mr. Bryson reviewed the scope of upcoming manual updates.



- Mr. Benner reviewed the 2011 Day-Ahead Scheduling Reserve Requirement (Manual 13).

## 10. AVR STATUS NOTIFICATION

Mr. Pleiss reviewed a NERC compliance concern that Generation Owners need to notify PJM every time a unit comes on-line/off-line and the AVR status is out-of-service during this timeframe. PJM has proposed changes to M-14D that notifications only need to occur if the AVR is off for more than 30-minutes during start up or shut down.

## 11. ACTION ITEMS

Mr. Pulong reviewed action items.

## 12. FUTURE OC MEETINGS

### 2011

January 18, 2011	Office of the Interconnection	9:30 AM
February 15, 2011	Office of the Interconnection	9:30 AM
March 15, 2011	Office of the Interconnection	9:30 AM
April 19, 2011	Office of the Interconnection	9:30 AM
May 17, 2011	Office of the Interconnection	9:30 AM
June 21, 2011	Office of the Interconnection	9:30 AM
July 19, 2011	Office of the Interconnection	9:30 AM
August 16, 2011	Office of the Interconnection	9:30 AM
September 20, 2011	Office of the Interconnection	9:30 AM
October 18, 2011	Office of the Interconnection	9:30 AM
November 15, 2011	Office of the Interconnection	9:30 AM
December 20, 2011	Office of the Interconnection	9:30 AM



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DMS Document Number: 628428