



DRAFT MINUTES
PJM Interconnection
PJM Operating Committee (200th Meeting)
PJM Conference and Training Center
Tuesday, May 6th, 2014
9:00 AM

Members Present:

Mike Bryson, Chair
Heather Reiter, Secretary
Jim Bencheck
John Brodbeck
John Ciolo
Elizabeth Davis
Bill Dugan
Rich Heidorn
Kenneth Jennings
Carl Johnson
David Jwainer
George Kogut
Steve Lieberman
Christopher O'Leary
David Pratzon
Rebecca Stadelmeyer

PJM Interconnection
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FirstEnergy Solutions Corporation
Potomac Electric Power Company
PSEG Energy Resources and Trade LLC
PPL Energy Plus, LLC
Customized Energy Solutions, Ltd.
RTO Insider
Duke Energy Business Services LLC
Customized Energy Solutions, Ltd.
RTO Insider
New York Power Authority
Old Dominion Electric Cooperative
PSEG Energy Resources and Trade LLC
GT Power Group
Exelon Business Services Company, LLC

Members Present via Conference Call:

David Applebaum
David Bloom
Martin Bolan
Michael Borgatti
Patrick Burke
Bruce Campbell
Gregory Carmean
Chuck Dugan
Bruce Erickson
Thomas Fecho
Guy Filomena
Neal Fitch

NextEra Energy Power Marketing, LLC
Baltimore Gas and Electric Company
FirstEnergy Solutions Corporation
Gable and Associates
Rockland Electric Company
EnergyConnect, Inc.
OPSI
East Kentucky Power Cooperative
Allegheny Electric Cooperative, Inc.
Indiana Michigan Power Company
Customized Energy Solutions, LLC
GenOn Energy Management LLC



Jodi Frost
John Garavaglia
Don Gebele
Debbie Gebolys
Michele Greening
Dan Griffiths
Tom Hoatson
John Horstmann
Andrew Hunter
Tom Hyzinski
Jack Kerr
Ryan Leonard
David Mabry
Cindy Markiewicz
Andrea Maucher

Sunit Mitra
Chris Norton
Brock Ondayko
Greg Pakela
Rodney Phillips
Russell Price
Paul Santarelli
Barbara Scoglietti
Dana Showalter

Louis Slade
Vince Stefanowicz
James Sullivan

Mark Watson
David Weaver
Doug White

Also Present:

David Anders
Glen Boyle
Phil D'Antonio
Adrien Ford
Andy Ford
Ron Graff

Moxie Liberty, LLC
Commonwealth Edison Company
Dayton Power & Light Company
Ohio PUC
PPL Energy Plus, LLC
Consumer Advocates of PJM States
Riverside Generating, LLC
Dayton Power & Light Company
Metropolitan Edison Company
PPL Energy Plus, LLC
Dominion Virginia Power
Iberdrola Renewables, LLC
McNees Wallace & Nurick LLC
Allegheny Power
Division of the Public Advocate of the
State of Delaware
PEPCO Holdings Inc.
American Municipal Power, Inc.
Appalachian Power Company
DTE Energy Trading, Inc.
American Transmission Systems, Inc.
UGI Utilities, Inc.
PPL Electric Utilities Corp.
Tangent Energy Solutions, Inc.
E.ON Climate and Renewables North
America, Inc.
Virginia Electric & Power Company
PPL Energy Plus, LLC
Neptune Regional Transmission Systems,
LLC
Platts
PECO Energy Company
North Carolina Electric Membership

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Tom Hauske	PJM Interconnection
Mark Heimbach	PJM Interconnection
Chantal Aimee Hendrzak	PJM Interconnection
Nancy Huang	PJM Interconnection
Sri Kappagantula	PJM Interconnection
David Kimmel	PJM Interconnection
Mike Lawruk	PJM Interconnection
Ray Lee	PJM Interconnection
Esrick McCartha	PJM Interconnection
Jinny Park	PJM Interconnection
Chris Pulong	PJM Interconnection
Jonathan Sasser	PJM Interconnection
David Schweizer	PJM Interconnection

1. ADMINISTRATION

- OC Agenda was approved for this meeting.
- Draft Minutes of the April 8th, 2014 OC meeting were reviewed and approved.
- OC Work Plan was reviewed.

2. COMMITTEE/SUBCOMMITTEE/WORKING GROUP

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

- A. Markets and Reliability Committee – Mr. Anders
- B. Markets Implementation Committee – Ms. Ford
- C. System Operations Subcommittee – Mr. Pulong
- D. System Information Subcommittee – Mr. Graff
- E. Senior Restoration Strategy Task Force – Ms. Hendrzak
- F. Reliability Standards and Compliance Subcommittee – Mr. Kappagantula

3. NERC/RFC UPDATE

- Mr. Kappagantula will provide an update on NERC, SERC and RFC standards and other pertinent regulatory and compliance information and solicit feedback from the members on N&RC efforts. Project 2014-01 Standards Applicability for Dispersed Generation Resources has an informal comment period from 4/17/14 – 5/5/14. FAC-001-1 ballots are due 5/15/14. FAC-002-1 has a comment period due 5/15/14. For Nuclear Plant GOPs, Project 2012-13 NUC-Nuclear Plant Interface Coordination, comments and ballots are due 5/22/14.



- PJM Operations staff will provide an update on relevant NERC committee meetings work activities.

4. REVIEW OF OPERATIONS

Mr. Pilon reviewed PJM Operations since the last Operating Committee (OC) Meeting.

5. OPERATIONS METRICS

Mr. Bryson reviewed the Operations Metrics Presented at the April MC Webinar.

6. 2013 HOT AND 2014 COLD WEATHER UPDATE

Mr. Bryson provided an update on 2013 Hot and 2014 Cold Weather Recommendations.

7. CONEMAUGH #2 STABILITY TRIP SPS REMOVAL

Mr. D'Antonio presented on the removal of the Conemaugh #2 SPS. This SPS was in place to trip a Conemaugh unit (due to transient instability) during outages on the Conemaugh – Juniata 5005 500 kV line for I/o the Keystone – Conemaugh 5003 500 kV line. New construction at Conemaugh including a 500/230 kV transformer and the new Conemaugh – Seward 230 kV line provide an additional outlet for the generation. This SPS is no longer needed and has been submitted for approval to be removed. Once approval is granted, M-03 will be revised and the date for approval is **9/1/14**.

8. SUMMER 2014 OATF UPDATE

Mr. Lawruk presented results of the Summer 2014 OATF Seasonal Study. No reliability issues were encountered with the N-1 analysis. There was adequate installed capacity to fulfill reserve requirements.

9. NEW MOSBY – BRAMBLETON LINE DESIGNATIONS

Mr. Jack Kerr, Dominion Virginia Power, presented the request for line designation for the new Mosby – Brambleton 500 kV line to be #546. The target in-service date for this line is May 2018.

10. MANUALS

- A. Mr. Boyle will review changes to Manual 36: System Restoration. No additional changes from the previous month. Most changes involved general clean up and clarification. Tables requiring annual updates were updated (Section 7, Exhibit 10; Attachment F, Figure 1; Attachment H). Changes were made to Attachment A to document exceptions to the calculation of Critical Load as approved by



SRSTF. Some changes were also made to Attachments D and G. ****The Operating Committee endorsed these changes.**

B. Mr. Reiter will review changes to Manual 03: Transmission Operations. No additional changes from the previous month. ****The Operating Committee endorsed these changes.**

C. Manual 01 and Manual 14D changes. ****The Operating Committee will be asked to endorse these changes at its next meeting.**

- Ms. Huang reviewed changes regarding PMU and new Generation Interconnection.
- Mr. McCarthy reviewed changes regarding PJMNet changes.

11. NEW BES DEFINITION COMPLIANCE BULLETIN

Mr. Ford presented on the PJM Compliance Bulletin: Revised definition of BES. The new process is effective **7/1/14** with a 24 month implementation period (thru 7/1/16). Under this new process there is a required notification to PJM when a BES status change is determined, when an exception request is filed with appropriate regulatory entities, and when the regulatory entities provide a decision on the filed exception request.

12. PJMNET MEMBERSHIP COMMUNICATION UPDATE

Mr. McCarthy provided an update on the Members Communication Issue. It was discussed to continue to use the current threshold to get PJMNet.

13. TRANSMISSION OWNER DATA FEED PROBLEM STATEMENT/ISSUE CHARGE

Ms. Reiter reviewed the Transmission Owner Data Feed Problem Statement and Issue Charge from the April 24th MRC that has been assigned to the OC. The purpose is to work with the stakeholders to develop a more efficient solution for the need of the Transmission Owners to receive real-time generator information. This will be worked on through special Operating Committee Meetings.

14. COMBINED CYCLE MODELING UPDATE

Mr. Hauske will provide an update on the combined cycle modeling. Implementation of the Combined Cycle Modeling Initiative is on hold pending results of a cost benefit analysis.



15. COLD WEATHER RESOURCE IMPROVEMENT PROBLEM STATEMENT/ISSUE CHARGE

Ms. Reiter reviewed the updated Problem Statement and Issue Charge for the Cold Weather Resource Improvement. ****The Operating Committee endorsed the problem statement and issue charge.**

16. COLD WEATHER RESOURCE IMPROVEMENT EDUCATION

Mr. Reiter reviewed the work plan regarding the Cold Weather Resource Improvement Issue Charge. Mr. Lee and Mr. Heimbach provided educational information regarding the Cold Weather Resource Improvement Problem Statement and Issue Charge.

17. FUTURE OC MEETINGS

June 3, 2014	PJM Conference and Training Center	9:00 AM
July 8, 2014	PJM Conference and Training Center	9:00 AM
August 5, 2014	PJM Conference and Training Center	9:00 AM
September 4, 2014 (Thursday)	PJM Conference and Training Center	9:00 AM
October 7, 2014	PJM Conference and Training Center	9:00 AM
November 6, 2014(Thursday)	PJM Conference and Training Center	9:00 AM
December 2, 2014	PJM Conference and Training Center	9:00 AM

Author: Heather Reiter
Typist: Heather Reiter

Anti-trust:

You may not discuss any topics that violate, or that might appear to violate, the antitrust laws including but not limited to agreements between or among competitors regarding prices, bid and offer practices, availability of service, product design, terms of sale, division of markets, allocation of customers or any other activity that might unreasonably restrain competition. If any of these items are discussed the chair will re-direct the conversation. If the conversation still persists, parties will be asked to leave the meeting or the meeting will be adjourned.

Code of Conduct:

As a mandatory condition of attendance at today's meeting, attendees agree to adhere to the PJM Code of Conduct as detailed in PJM Manual M-34 section 4.5, including, but not limited to, participants' responsibilities and rules regarding the dissemination of meeting discussion and materials.

Public Meetings/Media Participation:

Unless otherwise noted, PJM stakeholder meetings are open to the public and to members of the media. Members of the media are asked to announce their attendance at all PJM stakeholder meetings at the beginning of the meeting or at the point they join a meeting already in progress. Members of the Media are reminded that speakers at PJM meetings cannot be quoted without explicit permission from the speaker. PJM Members are reminded that "detailed transcriptional meeting notes" and white board notes from "brainstorming sessions" shall not be disseminated. PJM Members are also not allowed to create audio, video or online recordings of PJM meetings.