



MEETING MINUTES - DRAFT
PJM Interconnection
PJM Operating Committee – Cold Weather Resource Improvement
WebEx/Teleconference
Monday, June 23rd, 2014
9:00 AM

In-Person Attendees:

Heather Reiter, Chair	PJM Interconnection
Glenn Weiss, Secretary	PJM Interconnection
Mike Bryson	PJM Interconnection
Tom Falin	PJM Interconnection
Mark Heimbach	PJM Interconnection
Alpa Jani	PJM Interconnection
Ray Lee	PJM Interconnection
David Schweizer	PJM Interconnection
David Souder	PJM Interconnection
Kim Warshel	PJM Interconnection

WebEx/Teleconference Attendees:

Jerry Bell	PJM Interconnection
Joe Bowring	Monitoring Analytics, LLC
John Brodbeck	Potomac Electric Power Company LLC
Bruce Campbell	EnergyConnect, Inc.
Kenneth Carretta	PSEG Energy Resources and Trade LLC
Elizabeth Davis	PPL Energy Plus, LLC
Ralph DeGeeter	Mryland public Service Commission
Bruce Erickson	Allegheny Electric Cooperative, Inc.
John Farber	DE Public Service Commission
Guy Filomena	Customized Energy Solutions, LLC
David Fusek	Appalachian Power Company
Debbie Gebolys	Ohio PUC
Michele Greening	PPL Energy Plus, LLC
Dan Griffiths	Consumer Advocates of PJM States
Fred Heizer	Ohio PUC
Tom Hoatson	Riverside Generating, LLC
John Horstmann	Dayton Power & Light Company
Dana Horton	



Carl Johnson
Joe Kerecman
Steve Kimmish
Andrea Maucher

Chris Norton
Brock Ondayko
Kevin Patten
David Pratzon
Robert Snow

Bob Sauer
Vince Stefanowicz
Jim Summers

Customized Energy Solutions
Calpine Energy Services LP
PSEG Energy Resources and Trade LLC
Division of the Public Advocate of the
State of Delaware
American Municipal Power, Inc.
Appalachian Power Company
Appalachian Power Company
GT Power Group
The Federal Energy Regulatory
Commission
Dominion Virginia Power
PPL Energy Plus, LLC
Delmarva Power & Light

1. ADMINISTRATION

The proposed Agenda was approved.

2. REVIEW OF ISSUE CHARGE AND WORK PLAN

Ms. Reiter reviewed the Issue Charge and Work Plan for Cold Weather Resource Improvement.

Mr. Bryson lead a discussion on the OC's role and interaction with other PJM stakeholder groups that are responding to the Lessons Learned and Recommendations report for the January 2014 cold weather events. PJM will have a draft Cold Weather Preparation Checklist for review and consideration at the next OC meeting

3. EDUCATION

Mr. Falin reviewed the Winter Generation Outage Analysis that was presented to the Planning Committee on June 5, 2014. In particular, slides 8&9 relate directly to the OC charge by graphically substantiating poor preference with lower wind chill temperatures. The group suggested that more analysis was needed regarding external installed capacity unit performance.

Mr. Lee presented additional requested educational material on gas curtailments, hydro resource performance and his outreach to other international utilities. For the hydro analysis specifically, suggestions were received to separate statistics for pumped vs run of river units and include the installed capacity values on the graph. Additional analysis is being conducted to evaluate dual fuel unit performance and unit performance by last operation.



4. INTEREST IDENTIFICATION

Ms. Reiter reviewed the interests identified at the June 3rd OC meeting. The interests were grouped into four categories – Evaluation, Testing, Practices & Standards, and Cost. One additional interest was added to the Evaluation category.

5. OPTIONS MATRIX

Ms. Reiter led a discussion on the design components for the options matrix. Twelve design components were identified. The design components will be reviewed to determine if they pertain to this problem statement or belong under another initiative. PJM will have the status quo completed for the design components for the next meeting.

6. GAS UNIT COMMITMENT PROBLEM STATEMENT

Mr. Bryson reviewed the Gas unit Commitment Problem Statement and ongoing initiatives that other PJM committees and groups are investigating. The goal was to identify the OC responsibilities for gas unit commitment coordination.

7. FUTURE OC MEETINGS

July 8, 2014	PJM Conference and Training Center	9:00 AM
July 22, 2014	WebEx	9:00 AM
August 5, 2014	PJM Conference and Training Center	9:00 AM
August 18, 2014	WebEx	1 PM
September 4, 2014 (Thursday)	PJM Conference and Training Center	9:00 AM
October 7, 2014	PJM Conference and Training Center	9:00 AM

Author: Glenn C. Weiss
Draft Minutes - OC - 06.23.2014.doc

References and Educational Presentations

http://www.nerc.com/comm/OC/Reliability%20Guideline%20DL/Generating_Unit_Winter_Weather_Readines_s_final.pdf

<http://pjm.com/~media/committees-groups/committees/oc/20140506/20140506-item-16-cold-weather-resource-performance-improvement-problem-statement.ashx>

<http://pjm.com/~media/committees-groups/committees/oc/20140506/20140506-item-16-cold-weather-resource-performance-improvement-issue-charge.ashx>



<http://pjm.com/~media/committees-groups/committees/oc/20140603/20140603-cold-weather-resource-performance-improvement-education.ashx>

<http://pjm.com/~media/committees-groups/committees/oc/20140603/20140603-item-11-cold-weather-addition-oc-slides.ashx>

<http://pjm.com/~media/committees-groups/committees/oc/20140603/20140603-item-11-cold-weather-resource-workplan.ashx>

<http://pjm.com/~media/committees-groups/committees/oc/20140603/20140603-item-05b-cold-weather-recommendations.ashx>

<http://pjm.com/~media/committees-groups/committees/pc/20140605/20140605-item-06-winter-generation-outage-analysis.ashx>

<http://pjm.com/~media/committees-groups/committees/oc/20140623/20140623-item-02a-cold-weather-resource-workplan.ashx>

<http://pjm.com/~media/committees-groups/committees/oc/20140623/20140623-item-02b-cold-weather-resource-scope.ashx>

<http://pjm.com/~media/committees-groups/committees/oc/20140623/20140623-item-02-cold-weather-recommendations-status.ashx>

<http://pjm.com/~media/committees-groups/committees/oc/20140623/20140623-item-03b-cold-weather-resource-performance-improvement-education.ashx>

<http://pjm.com/~media/committees-groups/committees/oc/20140623/20140623-item-06-gas-fired-unit-commitment-coordination-mrc-issue-charge.ashx>

<http://pjm.com/~media/committees-groups/committees/oc/20140623/20140623-item-06-gas-fired-unit-commitment-coordination-problem-statement.ashx>

<http://pjm.com/~media/committees-groups/committees/oc/20140623/20140623-item-06-gas-unit-commitment-coordination.ashx>

<http://pjm.com/~media/committees-groups/committees/oc/20140623/20140623-item-07-oc-scheduled-meetings.ashx>