



**PJM Interconnection
Resource Adequacy Analysis Subcommittee
Meeting Notes
Teleconference / Web Conference
October 3, 2014
1:30 PM**

Participants:

Brandolisio, Frank	PECO Energy Company
Chen, Jennifer	Natural Resources Defense Council
Dugan, Bill	Customized Energy Solutions, Ltd.
Fryfogle, Tim	ReliabilityFirst
Hagaman, Derek	GT Power Group
Maher, Mollie	PPL Energy Plus
Maucher, Andrea	Division of the Public Advocate of the State of Delaware
Mortenson, Eric	Exelon Generation Co. LLC
Reif, Kenneth	PPL Electric Utilities Corp.
Wilson, James	Wilson Energy Economics
Wisersky, Megan	Madison Gas & Electric Company
Falin, Tom, Chair	PJM
Bhavaraju, Murty	PJM
Gledhill, Andrew	PJM
Reynolds, John	PJM
Rocha, Patricio	PJM
Quevada, Jason, Secretary	PJM



1. ADMINISTRATIVE ITEMS

The meeting started at 1:30 pm and ended at 2:30 pm. The Chair welcomed the group and solicited additional agenda items for the meeting. There were no additional agenda items suggested.

2. APPROVAL OF MEETING NOTES

The Secretary reviewed the meeting notes for the August 29, 2014 meeting and solicited comments from the Subcommittee. The Subcommittee unanimously approved the meeting notes.

3. ENDORSEMENT OF IRM, FPR, AND DR FACTOR FOR 2015/2016, 2016/2017, 2017/2018 AND 2018/2019 DELIVERY YEARS *

PJM reviewed the RRS Report and summarized the study results. Subcommittee members discussed the report and recommended some changes and additions. Mr. Reif made a motion to endorse the PJM recommended IRM, FPR and DR Factor for the 2015/2016, 2016/2017, 2017/2018 and 2018/2019 delivery years and Mr. Brandolisio seconded it. The subcommittee passed the notion unanimously. The endorsed IRM, FPR and DR Factor are listed in the 2014 Report's Executive Summary. The recommendation will be communicated to the Planning Committee.

4. REVIEW AND ENDORSEMENT OF WINTER WEEKLY RESERVE TARGET *

A recommendation was made by PJM to maintain a minimum of 27% installed reserves after scheduling maintenance during the winter weeks for the 2014/15 Delivery Year. The winter weekly reserve target is a guideline used by PJM Operations and is not an absolute requirement. Mr. Reif made a motion to endorse the recommended winter weekly reserve target for the 2014/15 winter period and Mr. Brandolisio seconded it. The Subcommittee approved the motion unanimously. The recommended winter reserve target will be communicated to the Planning Committee and the Operating Committee.



5. FUTURE MEETINGS

TBD



2014 ACTION ITEMS

1. Evaluation of the PRISM load model (Comparison to historical peak load variability, Use of Non-normal distributions, Linkage to forecast etc.)
2. Evaluate the modeling and analysis techniques used in CETO studies.
3. Developing a MARS model to determine impacts of modeling the World as a single entity vs. individual regions
4. Perform peak period generation performance analytical assessments for RTO and LDAs.

COMPLETED ACTION ITEMS

1. Identify scope and analysis efforts needed to determine generator performance at peak demand periods
2. Evaluation of current treatment of Demand Resources (DR)
3. Comparison of Modeling Parameters used for MARS and PRISM.

PARKING LOT- OPEN ITEMS

1. MARS assessments to use transition state matrix to replace two-state statistics used to represent generation performance
2. Examination of World reserve levels and deliverability of those reserves to PJM
3. Investigate the Total Transfer Capability (TTC) for the PJM RTO
4. Investigate the effects of common mode outages on generator forced outage rates and its effects on the IRM.
5. Output of 21 points in the load distribution and verify the impacts of greater granularity



Prepared By: Jason Quevada
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Final:
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