PJM Interconnection
Resource Adequacy Analysis Subcommittee
Meeting Notes
Teleconference / Web Conference
October 3, 2013
9:30 AM

Participants:

Brandolisio, Frank       PECO Energy Company
Carmean, Greg           OPSI, Inc.
Filomena, Guy           Customized Energy Solutions, Ltd.
Freeman, Al             Michigan Public Service Commission
Heizer, Fred            Ohio PUC
Mabry, David            McNees Wallace & Nurick LLC
Mortenson, Eric         Exelon Generation Co. LLC
Reif, Kenneth           PPL Electric Utilities Corp.
Stademeyer, Rebecca    Exelon Business Services Company
Weghorst, Bradley       PPL EnergyPlus, LLC
Wilson, James           Wilson Energy Economics

Falin, Tom, Chair       PJM
Bhavaraju, Murty        PJM
Gledhill, Andrew        PJM
Mooney, Molly           PJM
Reynolds, John          PJM
Rocha, Patricio         PJM
Quevada, Jason, Secretary PJM
1. **ADMINISTRATIVE ITEMS**

The meeting started at 9:30 am and ended at 11:30 am. 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 September 5, 2013 meeting and solicited comments from the Subcommittee. The Subcommittee unanimously approved the amended meeting notes.


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 2014/2015, 2015/2016, 2016/2017 and 2017/2018 delivery years and Mr. Brandolisio seconded it. The subcommittee passed the notion unanimously. The endorsed IRM, FPR and DR Factor are listed in the 2013 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 2013/14 Delivery Year. Mr. Falin reminded the group that 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 2013/14 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
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