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. Brandolsio 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

**2013 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 PJMRTO
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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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.

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