PJM Interconnection
Resource Adequacy Analysis Subcommittee
Meeting Notes
Teleconference / Web Conference
October 3, 2014
9:30 AM/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
Carmean, Greg     OPSI, Inc.
Filomena, Guy     Customized Energy Solutions, Ltd.
Freeman, Al      Michigan Public Service Commission
Heizer, Fred     Ohio PUC
Maucher, Andrea  Division of the Public Advocate of the State of Delaware
Mabry, David     McNees Wallace & Nurick LLC
Mortenson, Eric   Exelon Generation Co. LLC
Reif, Kenneth    PPL Electric Utilities Corp.
Stadelmeyer, Rebecca Exelon Business Services Company
Weghorst, Bradley PPL EnergyPlus, LLC
Wilson, James    Wilson Energy Economics
Wisersky, Megan   Madison Gas & Electric Company

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 a.m. and ended at 11:30 a.m. 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 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 2013/2014 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 2013/2014 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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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.

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