PJM Interconnection
Resource Adequacy Analysis Subcommittee
Meeting Notes
Teleconference / Web Conference
June 19, 2014
3:00 PM

Participants:

Bencheck, Jim     FirstEnergy Solutions Company
Bloom, David     Exelon Business Services Company
Brandolasio, Frank    PECO Energy Company
Filomena, Guy     Customized Energy Solutions, Ltd.
Hagaman, Derek    GT Power Group
Heizer, Fred     Ohio PUC
Ma, Alex     Invenergy
Marton, David     FirstEnergy Solutions Company
Mortenson, Eric    ComEd
Pratzon, David    GT Power Group
Reif, Kenneth     PPL Electric Utilities Corp.
Wilson, James     Wilson Energy Economics

Falin, Tom, Chair     PJM
Gledhill, Andrew     PJM
Rocha, Patricio     PJM
Quevada, Jason, Secretary     PJM
1. **ADMINISTRATIVE ITEMS**

The meeting started at 3:00 pm and ended at 4:00 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 October 3, 2013 meeting and solicited comments from the Subcommittee. The Subcommittee unanimously approved the amended meeting notes.

3. **2014 RRS STUDY – UPDATE**

Mr. Quevada provided a status report on 2014 RRS efforts. Generation owners have completed their review of their individual unit capacity models. PJM staff is working on finalizing the load and capacity models in the IRM Study base case. The target date to review preliminary results of the study continues to be the next RAAS meeting in September.

4. **2014 RRS LOAD MODEL ASSESSMENT * **

Messrs. Gledhill and Rocha presented detailed results of analysis performed by PJM staff regarding the selection of a load model time period for both PJM and the World regions. The analysis focused on the 2018/2019 Delivery Year and followed the procedure approved by the Planning Committee at its July, 2009 meeting. PJM recommended an 8 year load model based on the years 2004-2011 for use in the 2014 RRS Base Case. Following discussion, the RAAS unanimously approved the 2004-2011 load model for use in the 2014 RRS Base Case.

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 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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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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