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

Participants:

Bloom, David     Baltimore Gas and Electric Company
Brandolisio, Frank    PECO Energy Company
Campbell, Bruce    EnergyConnect, Inc.
Citrolo, John    PSE&G ER&T
Dean, Kevin    McNees Wallace & Nurick LLC
Filomena, Guy    Customized Energy Solutions, Ltd.
Freeman, Al    Michigan Public Service Commission
Horstmann, John    Dayton Power & Light Company
Norton, Chris    American Municipal Power, Inc.
Reif, Kenneth    PPL Electric Utilities Corp.
Snow, Robert    Federal Energy Regulatory Commission
Wilson, James    Wilson Energy Economics

Bhavaraju, Murty    PJM
Falin, Tom, Chair    PJM
Gledhill, Andrew    PJM
Quevada, Jason, Secretary    PJM
Rocha, Patricio    PJM
Reynolds, John    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 March 1, 2013 meeting and solicited comments from the Subcommittee. The Subcommittee unanimously approved the amended meeting notes.

3. 2013 RRS STUDY – UPDATE

Mr. Quevada provided a status report on 2013 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 on September 5.

4. 2013 RRS LOAD MODEL ASSESSMENT *

Mssrs. 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 2017/2018 Delivery Year and followed the procedure approved by the Planning Committee at its July, 2009 meeting. PJM recommended a 9 year load model based on the years 1998-2006 for use in the 2013 RRS Base Case. This load model time period is the same as that used in the 2010, 2011 and 2012 RRS Base Case.
5. **FUTURE MEETINGS**

The Subcommittee agreed to meet on September 5, 2013 from 9:30 pm – 11:30 am EPT via in-person meeting/web-conference and tele-conference.

**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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