Meeting Minutes
PJM Interconnection
Intermittent Resource Task Force
Teleconference
September 19, 2011
1:00 PM EPT

1. **ADMINISTRATION**

   The task force was asked to approve the draft minutes of the July 25, 2011 meeting. The minutes were approved without changes.

2. **LOST OPPORTUNITY COST FOR WIND**

   Mr. Ma provided an informational update on Lost Opportunity Cost for Wind proposal. The proposed methodology was previously approved by MIC on July 12. MRC reviewed the proposal with a conforming change added for reduced compensation while failing to operate according to governing agreements. Based on stakeholder feedback at MRC, reduced compensation discussion was determined to be a separate issue. At the MIC meeting on September 13, Mr. Ma reviewed modified tariff language that removed language addressing reduced compensation for failure to operate consistent with governing agreements. MIC discussed the modified tariff language and agreed it accurately reflects the proposal that was approved in July. Next steps are to post the draft tariff language, and review at MRC and MC meetings in September. Then PJM will post final OA and Tariff language (incorporating comments) and request votes at the October MRC and MC meetings.

3. **WIND POWER FORECASTING UPDATE**

   Mr. Dropkin presented wind power statistics through August 2011. PJM is developing metrics to track the accuracy of the forecast as well as flag outliers. Mr. Dropkin presented the success rate of wind farms providing MET Tower data. 55% are providing good data and another 17% are providing data but some issues remain. Mr. Dropkin commented that the potential impact of bad weather data is that the PJM wind power forecast will be less accurate. The impact now is not significant, but this will become a bigger issue as the level of wind production increases, and could cause reliability and market impacts. Mr. Pratzon (Exelon Generation) requested statistical data on the accuracy of the forecast when good data is provided, when that becomes available.

4. **WIND POWER TRAINING COURSE OUTLINE**

   Mr. Schweizer reviewed the draft outline for a new PJM Wind Power Training Course covering the following topics:

   1. Goals
   2. Objectives
3. Introduction and Resources
4. Generation Interconnection Process
5. Generator Operational Requirements
7. Wind Farm Communications Models
8. Wind Farm Specific Requirements
9. Wind Forecasting
10. Outage Reporting
11. Calculating Capacity Values
12. Energy Market
13. Generation Dispatch
14. Operating Reserve

Mr. Minalga (Invenergy) suggested incorporating the material into a more general course applicable to all generators.

Mr. Schweizer requested that any additional feedback on the outline be provided to him at schwed@pjm.com by September 30. The first formal training session is proposed for early December, possibly the week of December 5th, via a webinar.

5. ASSESSING OPERATIONAL/RELIABILITY IMPACTS

Mr. Ni provided a project status update for the PJM Renewable Integration Study. Solar and wind data sets (Task 1) have been delivered and scenarios (Task 2) are expected to be delivered by end of October. This is a one month delay but it is not expected to delay the overall project completion date. PJM System Planning provided the base case scenario transmission overlay that was developed and presented to TEAC on 9/8. Operational impact analysis will start shortly, results not expected until April 2012.

6. NERC IVGTF STATUS UPDATE

Mr. Schuyler provided an update on NERC IVGTF Task 1-3 (Interconnection Standards). A draft report was issued for review by the task team, with comments due on 9/27. The report will be shared with IRTF when it is released publicly.

7. FUTURE MEETINGS

IRTF approved the proposed meeting date of Monday December 12, 2011.

2011
October 24, 2011 1:00 PM Conference Call
December 12, 2011 1:00 PM Conference Call

Typist: K. Schuyler
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