



Draft Meeting Minutes
PJM Interconnection
Intermittent Resource Working Group
PJM Visitors Center
March 29, 2010
9:00 AM EPT

1. ADMINISTRATION

The Working Group was asked to approve the Meeting Minutes of the meeting conducted on March 8, 2010. The Working Group approved the meeting minutes as drafted.

2. WIND FARM OPERATIONAL MODEL WHITE PAPER

Mr. Souder reviewed the status of proposed model for wind farm communication with PJM Dispatch. The next step is to draft changes to PJM Manual 14-D and take them through the PJM Stakeholder process.

3. ENERGY RESOURCE CURTAILMENTS

Mr. Souder reviewed the status of recommended changes to energy resource curtailment rules. Jeff Bladen (Gamesa) commented that this proposal makes it difficult for wind to gain access to the grid because it is tied to capacity injection rights. PJM will present proposed changes to PJM Operating Agreement (Schedule 1), PJM Tariff (Attachment K – appendix), and PJM Manuals 12, 13, and 14D at upcoming stakeholder meetings, including a future IRWG meeting.

4. ENERGY STORAGE RESOURCES

Mr. Schuyler reviewed the current status of the proposed tariff change for energy storage resources. An update has been made to define more narrowly the Energy Storage Resources that are excluded from station power accounting treatment. This approach is more consistent with what other ISO's have recently had approved by the FERC. Manual 28 was updated to exclude Energy Storage Resources from the station power accounting procedures, and to clarify that charging on



an electric vehicle would be treated as a retail transaction. A vote will be requested at the MIC meeting on April 13.

5. WIND GENERATION AND GRID OPERATIONS

Mr. Nick Miller (GE Energy) presented a technical session to introduce IRWG and PJM staff to the latest in wind plant functionality as it relates to grid dynamic performance. The discussion focused on the behavior and capability of GE wind plants in particular. Mr. Miller estimated that the capital costs of these features to enhance wind plant performance are relatively small. Operating costs are “almost in the noise”, with the exception of governor response in the up direction, which has a significant opportunity cost. The technical session was provided to inform IRWG as it considers potential changes to interconnection standards for wind and other variable energy resources.

6. WIND GENERATION MODELING

Mr. Nick Miller (GE Energy) also presented a technical session to look more deeply into wind plant functionality and modeling issues for system planners looking to perform wind plant interconnection studies.

7. FUTURE AGENDA ITEMS

- A. Wind Production Forecasting – Integration into Markets
- B. Generation Interconnection Study Methodologies

8. FUTURE MEETINGS

Mr. Porter requested rescheduling the May meeting. Mr. Schuyler will investigate alternative dates.

2010

April 26, 2010	1:00 PM	PJM Interconnection
May 27, 2010 (proposed)	1:00 PM	PJM Interconnection

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