Treatment of Curtained Hours in Wind Capacity Credit Calculation

Intermittent Resources Task Force
October 21, 2013
Alternative Procedures

- **Alternative 1**: Remove only 5 minute periods with curtailment, rather than the full hour. This requires use of state estimator data for curtailed hours.

- **Alternative 2**: Replace 5 minute periods with curtailment with interpolated data based on the preceding and succeeding 5 minute periods without curtailment.

- **Alternative 3**: Replace 5 minute periods with curtailment with wind forecast data. Forecast data is from PJM Operations and is currently used for lost opportunity cost calculation. Forecast model is an “after the fact” forecast that uses actual wind speed and direction.
MRC Voting Result

• Alternative 2 was approved by the MRC.
• The approved Manual language was posted for this meeting.
• The new Manual language also clarifies that, if a non-wind intermittent resource (i.e. solar), is curtailed during peak summer hours, the resource owner must inform PJM of those curtailed hours by September 30th each year.
• The new procedure will be applied beginning in summer 2013. (Wind capacity credit calculations are finalized in December 2013 to become effective June 1, 2014.)
• No change will be made to any wind unit with no curtailments over the peak summer hours.