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**From:** Mike Coriale  
**Sent:** July 2, 2009 6:40 PM  
**To:** IESO Stakeholder Engagement  
**Subject:** IESO SE57 Feedback: Centralized Forecasting  
**Attachments:** ERCOT\_Wind\_Forecasting\_Overview\_Jun09.ppt

Hello,

Below is the NextEra Energy (FPL Energy) response to the Embedded and Renewable Generation (SE57) call for comments on the IESO centralized forecasting document "Improving Forecasts from Variable Generation". This response is sent on behalf of Patricia Vallejo. Apologies for not sending comments on the provided form, but the form is in a version of MS Word that we are not able to open.

- p. 3, 3<sup>rd</sup> paragraph: While it is true that the day-ahead MAE for the NYISO is near 11%, it is only one data point from a number of other ISO forecast experiences. A recent presentation on the forecasting experiences from CAISO, ERCOT, AESO, and NYISO demonstrates that the forecasting error range is from 10% to 16.5% (approximately), with the NYISO forecast having the lowest error of the study set. See slide 30 of the attached presentation for the source data.

- p. 5, 2<sup>nd</sup> paragraph: The IESO may want to consider an additional viewpoint regarding the assumption that "Variable generators may also find centralized forecasting to be administratively simpler." The cost of "maintaining monitors that collect meteorological and other data" is a cost that some wind farms currently may not incur, as not all forecasting vendors require meteorological data to generate high-quality forecasts. In addition, if certain data standards for these monitors are required by the IESO (as would seem logical in order to create a quality centralized forecast), it should not be assumed that the cost of meeting these data standards will be insignificant. In fact, the cost to a wind farm of meeting these data standards could be equal to or more than the current cost of buying a third party forecast (quality of said forecast notwithstanding).

Regards,

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