



May 6, 2010

Dear Stakeholders:

**Re: Short Term Wind Integration Discussion Paper**

The AESO has released a [discussion paper](#) outlining options for integrating wind on the grid in the short-term. The paper presents tools and practices that can be implemented by the end of 2010 in order to accommodate up to 1100 MW of wind capacity, expected to be on the system at some point in 2011.

The short-term wind integration options are limited to three tools: increased use of the energy market merit order (EMMO), incremental operating reserves and wind power management. All three tools will be required, and the paper examines options for developing practical guidelines for the use of each. The AESO is seeking feedback in several key areas throughout the discussion paper, including:

- To what extent should the AESO rely on the EMMO to integrate wind generation?
- Should the AESO purchase incremental operating reserves to integrate wind generation?
- If so, what types of reserves are most efficient?
- Under what conditions should wind power management be used?

The discussion paper represents only a portion of the ongoing work associated with wind integration. Other initiatives include:

- Wind power forecasting – site specific data will be available to the forecaster and the forecast will be integrated into AESO processes in 2010.
- Technical standards for wind facilities will be filed with the AUC.
- A long-term wind integration paper will be developed that examines potential market changes required to accommodate larger volumes of wind power.

Comments on the discussion paper should be sent to Kris Aksomitis (Kris.Aksomitis@aeso.ca). In order to facilitate feedback, a [comment response matrix](#) is included with the paper. The deadline for comments on the paper is May 21<sup>st</sup>.

Yours truly,

*“original signed by”*

Kris Aksomitis, Program Manager, Market Services

cc: Kelly Gunsch, Vice-President, Market Services  
Miranda Keating-Erickson, Director, Market Services