



September 28, 2010

Dear Stakeholders:

Re: Short Term Wind Integration Recommendation Paper – Revised Comment Deadline

The AESO has released a recommendation [paper](#) outlining the phase 1 plans for integrating wind on the grid. The AESO has also released its [comment response matrix](#) to the previous discussion paper. The recommendation paper presents the set of tools and practices that can be implemented quickly enough to accommodate up to 1100 MW of wind capacity, expected to be on the system at some point in 2011.

The AESO recommends the following approach to integrating wind given the requirement to have the tools in place for 2011:

1. Dispatch the Energy Market Merit Order (EMMO) to balance supply and demand on the basis that the dispatches are expected to be required to balance energy needs rather than ramp rate requirements.
2. When wind power ramps down more rapidly than can be handled via EMMO per point 1, dispatch available contingency reserves to produce energy in order to replace the lost wind power. This will allow the system to manage wind ramp down events in a manner that is consistent with how sudden reductions in generation from other resources are currently treated.
3. When wind power ramps up more rapidly than can be handled via EMMO per point 1, utilize Wind Power Management (WPM) to control wind ramp up events.

Following this Recommendation Paper, the next steps in the wind integration program include:

- Receive stakeholder feedback on the phase one implementation plan.
- Continue to integrate the wind power forecast into AESO systems.
- Continue development of the tool to calculate and disseminate the system wind power limit.
- Implement practices and any necessary new ISO rules or rules changes to use WPM and incremental ancillary services in a transparent manner.

- Release of phase 2 discussion paper that examines incremental tools and market features for integrating wind on the system.
- Monitor and analyze the frequency of use and effectiveness of phase 1 tools.

The intent of these changes is to bridge the period required to develop the overall wind integration plan that will include new market rules and tools such as a ramping service.

Comments on the recommendation paper should be sent to Kris Aksomitis at 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 October 15, 2010.

Yours truly,

(original signed by)

Kris Aksomitis

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