

ONTARIO ENERGY BOARD

IN THE MATTER OF the *Ontario Energy Board Act, 1998* (the “Act”), S.O. 1998, c.15, Schedule B;

AND IN THE MATTER OF an application by Grand Renewable Wind LP for an Order granting leave to construct a new 19 km 230 kV transmission line, a collector substation consisting of two step-up transformers, two transfer stations and an interconnection station to be connected to an existing Hydro One Networks Inc. owned 230 kV transmission line.

**SUBMISSIONS OF THE
INDEPENDENT ELECTRICITY SYSTEM OPERATOR**

This submission by the Independent Electricity System Operator (the “IESO”) is in response to the Ontario Energy Board’s (the “Board”) direction in its December 22, 2011 Procedural Order No. 5 that it would be assisted by submissions from the IESO concerning “the extent to which the findings of the System Impact Assessment Report (which contemplated the Project serving both generation facilities) are still valid if the Project initially serves only the wind farm.”

The IESO’s System Impact Assessment (SIA) review was conducted based on an assessment of the impact of injecting 254 MW of wind and solar power generation into the IESO-controlled grid via the proposed 230 kV transmission circuit. The IESO’s SIA report concluded that this would not have a material adverse impact on the reliability of the IESO-controlled grid. In response to the Board’s specific question, the SIA, including the findings and recommendation contained therein, will remain valid if the proposed transmission line initially serves only the wind farm (albeit, those finding and recommendations in the SIA report concerning the solar farm will, until such time as the solar farm is connected, not be applicable).

All of which is respectfully submitted,

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Submitted this 16th day of January, 2012