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**VIA EMAIL AND COURIER**

Kirsten Walli  
Ontario Energy Board  
P.O. Box 2319  
2300 Yonge Street, Suite 2700  
Toronto, Ontario M4P 1E4

**Attention: Board Secretary**

Dear Ms. Walli:

**Re: Application to Amend Electricity Generating Licence EG-2003-0204**

On behalf of AbiBow Canada Inc. (“AbiBow”), we hereby submit a request to amend electricity generating licence EG-2003-0204, (the “Licence”), which was issued to AbiBow by the Board in a decision and order dated October 23, 2003, as amended.

The nature of the amendment sought is an amendment to Schedule 1 of the License to include an additional generating facility (collectively, the “Requested Amendment”).

***Additional Generating Facility***

AbiBow is developing the Thunder Bay Condensing Turbine Project (the “Project”) at its existing pulp and paper mill (the “Mill”) located at 2001 Neebing Avenue in Thunder Bay. The Project is a host-developed project using renewable biomass<sup>1</sup> as its primary fuel, with an average annual contract capacity of 40 MWe. The Project will be connected to the IESO-controlled grid through Hydro One Networks Inc.’s transmission system and will supply useful heat output to the Mill. AbiBow will be the owner and operator of the Project. The Project will allow AbiBow to produce between 61% and 62% of the Mill’s energy needs.

AbiBow has entered into a 10-year power purchase agreement with the Ontario Power Authority (“OPA”), which agreement was issued under the OPA’s Combined Heat and Power III procurement. The Project is expected to be operational in the first quarter of 2013. The estimated cost of the Project is \$51M, of which \$9.6M was provided by the Ministry of Northern Development, Mines and Forestry through the Forest Sector Prosperity Fund program. The Project will include the following key equipment:

<sup>1</sup> The renewable biomass is anticipated to come from one or more of the following three sources: bark, sludge produced at the Mill and wood waste.

- a refurbished turbine with a nameplate capacity of 89 MW without by-pass;
- a generator with a rating of 68 MW;
- two biomass power boilers;
- a surface condenser;
- a cooling tower required to cool a portion of the water exiting the surface condenser to be reused as cooling water; and
- a 45/60/75 MVA step up transformer.

The Project will be embedded within the existing footprint of the Mill by placing it in an unused part of the Mill that previously contained a salt recovery plant (approximately 6,200 square feet). As the Project does not require any additional equipment to produce steam, and as all required environmental permits are in place for the existing boilers at the generation levels required to operate the Project, no further environmental authorizations are required for the steam generation side of the Project. The site's Permit to Take Water and Industrial Sewage Works Approval require no major amendments to undertake the Project. The Project will be subject to the necessary regulatory requirements including preparation of an Environmental Screening Report and public consultation process. As a result of the development of the Project, AbiBow is seeking Board approval to amend Schedule 1 of the Licence to include a reference to the "Thunder Bay Condensing Turbine Facility" in its list of licensed generation facilities, of which AbiBow would be the owner and operator.

AbiBow further requests that the present application be disposed of without a hearing, and submits this letter as evidence of consent of same. AbiBow submits that the requests made in this application meet the test set out in s. 21(4)(b) of the *Ontario Energy Board Act, 1998*, S.O. c. 15, Sched. B., and that no other person will be adversely affected in a material way by having the Project added to Schedule 1 of the Licence, should the Board decide to approve the Requested Amendment. All other information regarding the licensee remains the same.

Kindly let us know if you require anything further in order to consider the Requested Amendment.

All of which is respectfully submitted,

**McCarthy Tétrault LLP**

Per:

*Executed in the original*

Kristyn Annis

Encl.

c: Sophie Rossignol, Resolute Forest Products

Doc# 10842646