

May 19, 2017

Dear Stakeholder:

**RE: Hand Hills Wind Project – Technology Selection and Design Changes Notification**

At BluEarth Renewables, we believe in keeping our neighbours and landowners informed about our projects. I'm contacting you to provide a project update for the proposed Hand Hills Wind Project (the "Project") to be located on 7,500 acres of privately owned land near Delia, Alberta, approximately 28 km north east of Drumheller within both Starland County and Special Areas 2.

Development work on the project was initiated in 2007. On August 31, 2012 after several years of study including wind resource analysis, environmental and heritage studies and assessments, public and agency consultation and turbine siting, the Hand Hills Wind Project received Alberta Utilities Commission ("AUC") approval to construct and operate. Since then BluEarth has been consulting with stakeholders, meeting with the involved municipalities, completing technical and environmental studies and preparing for the next steps of this Project.

Because of the above technical work and due to major advances in wind turbine technology in recent years, we are proposing to update the turbine technology for the project. The newly proposed turbines under consideration are more efficient and have increased power generation capacity. The turbine locations will be the same or in proximity to the permitted locations. The project will continue to meet all current AUC permit conditions, including noise regulations and environmental study requirements.

BluEarth plans to file this change as an amendment to our approved application to the AUC in June 2017. Enclosed you will find the AUC brochure, which outlines the process for public involvement in a proposed amendment application. Please take the time to review this letter which outlines the proposed changes, as well as the brochure.

**Project Description**

The Project consists of up to 34 potential turbine locations. The wind turbine selected for the project will have a generating capacity between 2.5 megawatts and 3.6 megawatts (MW), the total generating capacity will be 78.2 MW. In addition, the facility also includes a 34.5-kilovolt electrical collector system. The collector system is to be used solely for collecting the electrical energy generated by each turbine and for transmitting that energy to the new project substation (Highland 572S substation).

The Project would occupy lands described below:

- Sections 7, 15, 17, 18, 21, 22, 30 and 31 of Township 30, Range 16, west of the Fourth Meridian
- Sections 1, 12, 13, 21, 22, 23, 28 and 31 of Township 30, Range 17, west of the Fourth Meridian

The newly proposed turbines will have a tower height no greater than 110 m and a maximum rotor diameter of 137 m. The total height of the turbine to blade tip will be no greater than 178.5 m. In accordance with the project's existing AUC Permit and Licence, the proposed turbines will comply with all provincial sound requirements and all AUC permit conditions. Please refer to the enclosed map for the proposed turbine locations.

## Schedule

Date	Activity
<b>June 2017</b>	Submission of Rule 007 amendment application to AUC
<b>September 2017</b>	AUC approval of Project
<b>June 2018</b>	Earliest expected start of Project construction
<b>December 2019</b>	Earliest expected date for Project to be operational

## Open Houses

BluEarth will be holding an open house in Delia to discuss the proposed project changes and respond to questions.

Date: Thursday, June 1, 2017  
Time: 5:30 pm to 8:30 pm (drop-in)  
Location: Delia Community Hall  
218 Main St., Delia

Your feedback is very important to us. Should you have any questions or comments please feel free to contact me at 1-844-214-2578 or directly at 403-668-1575 Ext. 426. Further information is also available on our website at [www.blueearth.ca/handhills](http://www.blueearth.ca/handhills).

Kind regards,

Jared Sproule  
Community Liaison  
[Jared@blueearth.ca](mailto:Jared@blueearth.ca)  
1-844-214-2578

Encl. Hand Hills Wind Project Location Map  
Alberta Utilities Commission Public Involvement in a Proposed Utility Development

