

# Bull Creek Wind Project

## Newsletter No. 5



## Project Update

On June 12, 2015, BluEarth announced that it kicked off construction for the Bull Creek Wind Project. We are excited to be moving forward with our first project in our home province. Bull Creek is expected to inject more than \$15 million into the local economy over its life; in addition, there will be more than 50,000 person-hours of direct employment during construction, as well as benefits to local suppliers.

Since June several key activities have taken place. A project laydown yard to store equipment and components has been set up on Range Road 14, and all project roads to access the turbine locations have been constructed. Twelve out of seventeen foundations have been completed and progress is being made on the remaining five foundations. Upcoming activities in advance of the December in-service date are provided below:

- Roads and Foundation work will continue through August 2015
- Electrical cable installation will continue August to September 2015
- Turbine component deliveries will commence late-August and continue through September 2015
- Turbine erection will begin in September and continue through October 2015
- Electrical connection to the distribution system will take place in October and November 2015

As always, if you have any questions or concerns about the project, please contact us at 1-844-214-2578 or [Projects@bluearth.ca](mailto:Projects@bluearth.ca).



Foundation steel pipe assembly

## In this newsletter

At BluEarth Renewables we believe in keeping our neighbours and landowners informed about our projects. Whether it is face-to-face meetings, on our website or here, in our Bull Creek Project newsletter, we understand the importance of communicating with our stakeholders. In this newsletter you will find an update on the Bull Creek Wind Project, including on construction activities at the project site.

## Did you know...



BluEarth takes safety and environmental protection very seriously on all our construction sites. To ensure the protection of wildlife, nest sweeps are conducted prior to any ground disturbance activities. In addition, third-party environmental compliance monitors are routinely on site to ensure all regulations are followed.



#### When turbine components are delivered will roads be closed?

Turbine components will be transported in mid-August and September. When components are delivered roads will remain open; however, there may be additional traffic and delays on Range Road 14, Township Road 410 and Range Road 11. The turbine components will have pilot vehicles and the local roads will have traffic management measures in place such as flag people.

## Building the Bull Creek Wind Project

Most of the construction work on the Bull Creek Wind Project is underway and will be occurring over the next few months. There are many steps involved in wind power facility construction which are undertaken by different types of skilled workers.

Below is a summary of the steps involved:

1. **Turbine access roads are built.** This involves earth moving and site clearing.
2. **Turbine foundations are prepared.** This step includes excavation, followed by placement of internal and external corrugated steel pipes. Structural bolts are placed between the two pipes and the foundation concrete is then poured.
3. **Turbine assembly.** Under ideal conditions, a complete turbine can be assembled in three days. Several different cranes may be used during assembly, including a large tracked crane for installation of the top tower sections, nacelle and rotor.
4. **Electrical work is completed.** This includes work both within the turbine and ensuring the Project's collector and transmission system is functioning properly. Each turbine will go through a series of tests to ensure that the generator unit is functioning correctly and safely. A significant portion of this work will occur after all of the major construction work is completed.



## About BluEarth

Headquartered in Calgary, BluEarth Renewables Inc. is a private independent renewable power producer, focused on the acquisition, development, construction and operation of wind, water, and solar projects in North America, with a primary focus in Canada. With the most experienced renewable energy development team in Canada, BluEarth's mission is to be the Canadian renewable energy leader by developing, building, and operating a portfolio that optimizes people, planet, and profit. BluEarth believes it has the power to change the future by demonstrating how to be sustainable and profitable, leaving the world a better place. The Bull Creek Wind Project is being developed by Bull Creek Wind Power Limited Partnership, by its General Partner 1646658 Alberta Ltd., a subsidiary of BluEarth.

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