



# Hand Hills Wind Project Newsletter

145 MW

Nameplate Capacity

68,000

Homes Powered

175

Construction Jobs

BluEarth Renewables is committed to engaging stakeholders on our projects and working together with honest and transparent communications. We are sending this newsletter to provide a community update on construction progress.

## Project Construction Update

Construction on the Project has been ongoing since spring 2022, and is expected to be completed in early 2023.

### Civil Works - Complete

- All civil works including access roads to turbine pads, assembly working areas and intersection improvements on the haul route are complete.

### Turbine Foundations - In Progress

- Excavation, preparation and concrete pours of the turbine foundations are nearing completion. We anticipate this will be complete by the end of September.

### Electrical Components - In Progress

- Construction of the transmission line is largely complete. Final connection and energization is expected in early October.
- Substation construction is expected to be completed mid-October and installation of the overhead and underground electrical collection system will be completed in September.

### Equipment Delivery - Beginning September

- Delivery of large equipment including turbine blades, nacelles, and towers will begin mid-September.
- We expect deliveries of up to five turbines per week with an increase in large truck traffic.

### Turbine Assembly - Beginning September

- Assembly schedule is on track and is expected to be ongoing from late September through January 2023. Turbines will be assembled and installed on site using cranes.

### Commissioning - Beginning October

- Individual turbines will be tested and energized, and can begin operating.

### Clean-up and Reclamation - Spring 2023

- Construction will be completed, the site cleaned up, and temporary work areas restored to their original use.



Bolt cage assembly for a turbine foundation.

## Celebrating Investment in Alberta

In June, BluEarth celebrated construction underway on our 145 MW Hand Hills Wind Project, joined by The Honourable Dale Nally, Associate Minister of Natural Gas and Electricity, and representatives from Starland County.

“ Projects like BluEarth’s new Hand Hills Wind Facility are exactly what we wanted to see when we moved ahead with our energy-only market. Not only will it provide low-emissions energy to support our long-term decarbonization goals, but also 175 jobs for Albertans and \$250 million towards our provincial economy, all without taxpayer subsidies. We are proud to have companies like BluEarth choosing Alberta for their renewable projects. ”

*- The Honourable Dale Nally, Associate Minister of Natural Gas and Electricity*

When complete, the Hand Hills Wind Project will generate enough electricity to power the equivalent of 68,000 homes in Alberta. The electricity and associated emission offsets from 100 MW of the Project’s capacity will be sold to Shell Energy North America in support of its target to be a net-zero emissions energy business by 2050.

The Hand Hills Wind Project will also provide indirect revenue to the local municipality in the form of local services and supplies, and contribute significant and stable long-term property tax revenue over the life of operations.



## Giving Back Where We Live, Work and Operate

As an Alberta-based company, we are proud to be a part of the community, and we look forward to working with you to strengthen the local economy and give back to the community for decades to come. In 2021, we invested over \$100,000 in the communities where we live, work and operate as part of our commitment to helping build healthy, thriving communities.

*BluEarth was proud to be a Purse Sponsor at the 2022 Hand Hills Lake Stampede on behalf of our Hand Hills Wind Project.*

BluEarth Renewables brings together extraordinary people with the power to change the future™ by delivering renewable energy to the power grid every day. We are a leading, independent, power producer that acquires, develops, builds, owns and operates wind, hydro and solar facilities across North America. Our portfolio includes 723 MWAC (gross) in operation, under construction and contracted pre-construction, and over 5 GW of high-quality development projects that are actively being advanced.

**Visit:** [www.blueearthrenewables.com/handhills](http://www.blueearthrenewables.com/handhills)

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