

Buffalo Branch Wind Project

Community Newsletter

247 MW
Nameplate Capacity*

69,000
Homes Powered*

13,000
Acres Signed

*estimate

Project Update

BluEarth Renewables is committed to engaging stakeholders on our projects and working together with honest and transparent communications. We are sending this quarterly newsletter to provide a community update on the development of the Buffalo Branch Wind Project located on private land in Dade County, Missouri.

Since acquiring the Buffalo Branch Wind Project from NorthRenew Energy in February 2022, we have been out on-site, working to progress the biological field studies and engineering work, to better understand the project area. In addition to on-site work, our team has been working on stakeholder consultation, the electrical interconnection process, power marketing, land work, and other regulatory studies.

The biological fieldwork will provide important information about the habitats and species of concern in the area, allowing BluEarth to build a constraints map showing areas that must be avoided. Similarly, the early land survey and engineering work will help to inform the project design and wind turbine layout to optimize energy production and cost effectiveness of the project.



Engineering

- Land parcel surveys
- Hydrology survey
- Geotechnical borehole drilling
- Geotechnical analysis & reporting
- Civil design (roads & foundations)
- Electrical design (collection lines & substation)

Biological and Regulatory:

- Eagle point counts, migratory birds and bird use
- Raptor and eagle nest surveys
- Bat acoustical monitoring
- Special species habitat assessment
- Cultural resource field studies
- Wetland and waterbodies surveys
- Stakeholder consultation

In July 2022, we will install a new 264 foot (80m) meteorological measurement tower to support on-site wind data collection.

What's next?

We will continue to progress the development of the project, and over the next few months will be focusing on:

- Engineering
- Regulatory work
- Interconnection work
- Land title work and new land acquisition
- Project cost estimating

There has been no change to the overall schedule for the project. At this early stage it is difficult to predict when the site will be up and running, however we anticipate that site construction will begin in 2024 with a target completion date in 2025.



Six Facts About Wind Energy in the United States



The price of wind energy has declined by 65% over the last decade, making it competitive with other energy sources and the cheapest source of new electricity in many parts of the country.



Wind projects deliver stable tax revenue, with over \$1.8 billion in state and local tax payments and land-lease payments in 2020 from wind projects alone.



Wind has delivered \$131 billion of investment in the last decade. In 2021 alone, the industry invested \$18 billion in new projects.



The industry employs nearly 117,000 Americans across all 50 states, including 24,000 wind manufacturing jobs at over 500 facilities.



Wind turbine technician is the second fastest growing job in the country, increasing by 68% over the next decade.



Wind helps avoid 319 million metric tons of CO2 emissions annually—equivalent to 69 million cars' worth of emissions.

Source: American Clean Energy

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 658 MW (563 MW net) of nameplate capacity in operation, under construction and contracted pre-construction and over 2.5 GW under development.

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