

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 our last update in May 2022, regulatory fieldwork has been ongoing including conducting eagle point counts and monitoring bat activity in the area. These initial studies are an important component of our environmental monitoring work to ensure the project plans minimize or address any potential impacts. Over the summer, we also completed initial design engineering work for site optimization and site layout.

In early July, a new 264 foot meteorological measurement tower was installed on-site to support wind data collection. We have also completed all parcel boundary survey work for the American Land Title diligence. There is still land title work ongoing, and we anticipate that this may result in signatures required from landowners to address any errors in existing land leases.

BluEarth Renewables was proud to support the Lockwood Chamber of Commerce with a community donation which was used to support improvements to the local arena and event grounds, including new lights! Members of our team also attended the 2022 Bull Blast on August 12.



Wind 101: Frequently Asked Questions

How will this project benefit the local community?

The Buffalo Branch Wind Project will benefit the local economy with hundreds of jobs at peak construction, several full time Operation & Maintenance Technician positions, indirect revenue to the local municipality in the form of local services and supplies, and annual tax revenue for the life of the project. Wind projects provide stable income to local farmers and landowners from land lease agreements and allow farming up to the base of the turbine gravel pad, leading to increased diversification of local landowner income.

How will the project impact grazing and ranching?

Wind turbines occupy a small fraction of the land on which they are sited, so they work in harmony with existing and established land uses. Many of the activities that occurred on the land before a wind facility was built can continue undisturbed after construction is completed. For example, crops can be planted right up to the base of the turbines and harvested with typical farming equipment. Livestock, such as sheep, cows and horses, can continue to graze around the towers.

Are wind turbines noisy?

Wind turbines do produce noise emissions, but you will be surprised by how little noise they make. It is easy to hold a conversation right at the base of a turbine and noise modeling is completed to ensure that there will be little to no sound impact at residences.

Are there health impacts from wind turbines?

The global wind industry collectively continues to engage with experts in science, medicine and occupational and environmental health to monitor ongoing credible research in the area of wind turbines and human health. Numerous independent studies and government health organizations from around the world have found no link between human health and wind turbine sound. Our team has over 40 years' experience installing and operating wind turbines in ranching and farming communities and no landowners have ever complained of illness or discomfort.

Will the project have an impact on birds?

The relationship between birds and wind turbines has been extensively studied in North America and worldwide over the last several decades, and is well understood. Wind energy projects have a low impact on birds when properly sited. At BluEarth, we always carefully study the migration, nesting and hunting patterns of local birds so that we know where important areas to avoid are located. In addition, we also study the other animals, rare plants, and sensitive ecological areas so that we can accommodate or avoid these areas as well.

What happens when the wind facility is done operating? Will the turbines be left standing?

Wind facilities are an important investment in the electricity grid and provide clean, renewable energy for several decades, typically 20 to 30 years. Once a wind facility reaches the end of its life cycle, consideration is given to either decommission or re-power the facility.

Re-powering means to replace or upgrade the equipment with more advanced and efficient technology. This would be completed at the facility owner's (BluEarth's) expense and would result in an additional 10 to 30 years of useful life for the equipment.

Decommissioning means to cease production and dismantle the facility. In many cases, the metal and electrical parts can be recycled or sold as scrap due to their high value.

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 MW_{AC} (gross) in operation, under construction and contracted pre-construction, and over 5 GW of high-quality development projects that are actively being advanced.

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