

Papermill Wind Project

Fact Sheet

Project Overview

Papermill Wind LLC is an affiliate of BluEarth Renewables US LLC and BluEarth Renewables Inc., an independent power producer in North America. The Papermill Wind Project will consist of wind turbines, a substation, electrical collector systems and roads, and 230-345 kv transmission lines to the point of interconnection.

Project Details	
Location	Near Heber-Overgaard North of Hwy 377 and South of Holbrook
Point of Interconnection	To be determined
Project Area	Approximately 42,000 acres
Expected Capacity	340 MW
Preliminary Site Plan	Up to 80 wind turbines
Timeline	
Permitting and Approvals	2023-2025
Construction	2025
Commercial Operations	Late 2027
Estimated Economic Development & Community Benefits	
Cost of Construction	667 million
Local & State Sales Taxes	\$4 million
Lifetime Property Tax	\$38 million
Number of Jobs	170 during construction 10 during operations and maintenance



About BluEarth

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, solar and storage facilities across North America. Our portfolio includes 1GW of nameplate capacity in operation, under construction and contracted pre-construction and over 7 GW under development.

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Frequently Asked Questions

How will this project benefit the local community?

The proposed project would benefit the local economy with hundreds of jobs at peak construction, and up to 10 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, sensitive ecological areas so that we can accommodate or avoid those areas as well.

Will the project have an impact on property values?

The most comprehensive study on wind facilities and property values to-date was conducted by the Lawrence Berkeley National Laboratory. The study analyzed more than 50,000 home sales near 67 wind facilities across nine U.S. states over ten years and found no statistical evidence that operating wind facilities have had any measurable impacts on home sale prices.

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.

If you have additional questions, please reach out to our Project Team at 1-844-214-2578 or projects@bluearth.ca
To learn more about BluEarth and what community partners think about working with us, visit our [YouTube channel](#).

