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# Virginia Wind Projects

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Virginia Wind Projects

Dominion is evaluating wind energy projects in Tazewell County, Va. and two other undisclosed Virginia locations. These projects are expected to add approximately 248 MW of wind energy to Dominion's renewable portfolio.

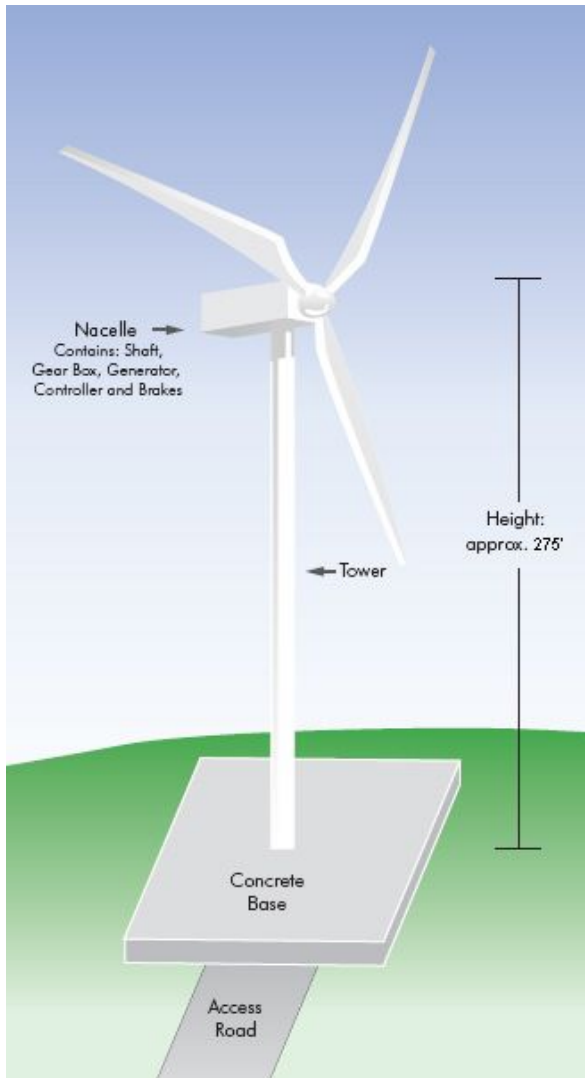
In addition to creating a viable source of renewable green energy, wind projects in Virginia would bring construction and permanent jobs and a significant source of tax revenue to their communities.

Dominion is committed to ensuring that consumers have the energy they need for the future—to keep the economy strong, businesses growing and communities vibrant. Renewable energy sources will play an increasingly important role in meeting that need. Wind is one of the most abundant natural, renewable resources available, and it creates emissions-free energy.

[Send an e-mail](#) if you have questions about Dominion's wind projects in Virginia.

Twitter: <http://twitter.com/VAWindProjects>

## Project Details



The exact size of proposed wind energy projects in Tazewell County, Va., and the scope of economic benefits have not been determined. This potential wind farm would be developed by Dominion's Virginia electric utility subsidiary. Dominion has purchased about 2,560 acres of land in Tazewell County to enable the project to move forward in the future. More details will be provided on this site as they become available.

## How Wind Energy Works

Wind is a form of solar energy. It is caused by the uneven heating of the irregularities of the earth's surface, and rotation of the earth.

Modern wind turbines work much like traditional windmills. The wind turns the blades, which spin a shaft connected to a generator that makes electricity. Turbines start generating electricity when wind speeds reach 7-8 miles per hour. The electricity is sent through transmission and distribution lines to consumers.

It is no coincidence that wind farms are often built near existing power stations where the necessary infrastructure to deliver the electricity to consumers already exists.

Wind turbines are safe, have no impact on livestock, do not create excess levels of noise and are compatible with an agricultural community. Crops can be planted to within a few feet of the base of the turbine and animals may graze there. (Source: U.S. Department of Energy)

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Virginia Wind Projects