

Wind Works for Vermont



Wind power generated over 15% of all in state electricity production in 2016.¹



328 local workers are employed in the wind industry in Vermont.³



Wind energy produced in Vermont in 2015 avoided over 20,000 metric tons of carbon emissions.²



Wind projects contribute over \$1 million annually to the state education fund.



Wind in Vermont creates enough energy to power 59,200 homes.

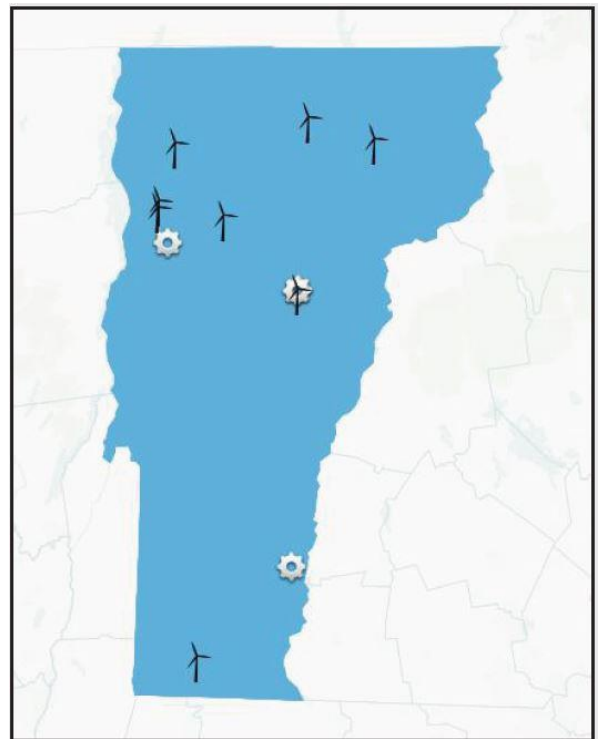


Wind projects contribute more than \$1.25 million annually in tax revenue to Vermont towns.

Wind projects create **well-paying local jobs** in operation, maintenance, construction, and manufacturing.

Vermont is home to **175 residential and commercial** wind projects

Among all forms of electricity generation, wind generation is the **least expensive to build**



 Online Wind Project  Manufacturing Facility

Vermont could produce enough wind energy to power **155,000** homes by **2030**⁴

Wind power is an essential component to reaching Vermont's **90% total renewables goal**

In **1941**, the **nation's first large-scale, grid-connected wind turbine** was installed on Grandpa's Knob in Castleton.

Source: American Wind Energy Association



Vermont Voices Supporting Wind

Neighbors of Kingdom Community Wind



Ruth Michael lives off Route 100, just 1.72 miles from the turbines at Lowell mountain. She bought the property two years ago, after the turbines had been operating for a year and a half, and has never heard them inside or outside her home. “We sit out in the yard all the time and I’ve never heard them. The turbines were not a consideration when we were looking at the property.”

Esther Weber lives with her husband Albert 1 mile from the Kingdom Community Wind Project in Lowell. “I love the wind turbines. All my life I’ve thought, ‘how wonderful it would be if we could harness our natural resources to produce energy,’ and I was so thrilled when I heard there will be wind towers on our mountain... It’s a big bonus to have tax relief, and it’s a bigger bonus to have them on the mountain doing good... You have to listen hard to hear them at all.”



Neighbors of Georgia Mountain Community Wind



“We don’t see them from our house, only en route home, they look like big flowers on the mountain. I would like to see more wind projects in Vermont as we are in favor of renewable energy.” -*Terri J Sabens of Milton*

“We are approximately ½ to ¾’s of a mile from the wind turbines... From where we live there might be an occasional time when the southwest wind is blowing, or when it cools down at night we might hear a slight whoosh of the turbines if you really stop and concentrate on it, but it is not at all a bother.” -*Bruce and Linda Barrows of Fairfax*

“From my residence on North Road I can clearly see all four windmills and have no problem with them.” – *Randy Barrows of Milton*

“The GMCW project makes sense to me and I support it. From my view, it was designed and built responsibly. It makes a significant contribution to powering thousands of homes in our area.”
– *Ben Dow of Fairfax*

¹ American Wind Energy Association’s *U.S. Wind Industry Annual Market Report* (April 2017).

² American Wind Energy Association’s *Vermont Wind Energy Factsheet*: <http://awea.files.cms-plus.com/FileDownloads/pdfs/Vermont.pdf>

³ U.S. Department of Energy’s 2017 U.S. Energy and Employment Report:

https://energy.gov/sites/prod/files/2017/01/f34/2017%20US%20Energy%20and%20Jobs%20Report%20State%20Charts%202_o.pdf

⁴ U.S. Department of Energy’s *Wind Vision Report*: https://www.energy.gov/sites/prod/files/WindVision_Report_final.pdf