



## Ohio Energy Resources Division | Wind Farm Development

### Wind Farm Development in Ohio

Wind maps created by the National Renewable Energy Laboratory show that Ohio has tremendous wind power potential of on-shore resources and an ideal location for utility-scale wind development. The state's extensive farmlands offer a promise for wind turbines, which provide a new source of long-term revenue with little impact to existing agricultural operations.

A modern, utility-scale wind turbine can provide added income to a landowner through landlease agreement with wind developers. This boost to Ohio's rural economies and the additional income for farmers will reinvigorate rural Ohio. Ohio is experiencing rapid growth in wind farm development as evidenced by the impressive list of wind farm developers active in the State of Ohio. For a list of **wind farm developers active in Ohio**, please [click here](#).

### Wind Farm Development Information Resources

- **Wind Resource Maps**

The Ohio Power Siting Board has developed an interactive online map to display the wind resources at different locations across the state. To view this program, please visit: <http://maps.opsb.ohio.gov/windmap/welcome.htm>.

Furthermore, the Ohio Energy Resources Division worked to develop maps that displays the wind power and wind speeds at 50- and 100-meter heights. These maps are available at the links below in Adobe pdf format:

- [Wind Power at 50 meters](#)
- [Wind Power at 100 meters](#)
- [Wind Speed at 50 meters](#)
- [Wind Speed at 100 meters](#)

- **Ohio Power Siting Board**

The Ohio Power Siting Board supports sound energy policies that provide for the installation of energy capacity and transmission infrastructure for the benefit of the Ohio citizens, promoting the state's economic interests, and protecting the environment and land use.

Before construction can begin on any major utility facility within the state of Ohio, a certificate of environmental compatibility and public need must be obtained from the Board. The Ohio Revised Code defines a major utility facility as "a generating plant of 50 megawatts (MW) or more; an electric transmission line of 125 kilovolts (kV) or more; or a gas or natural gas transmission line capable of transporting gas at more than 125 pounds per square inch of pressure." The statute also requires wind generation of 5 MW or greater to be certificated by the Board.

To view the Application Filing Requirements for Wind-Powered Electric Generation Facilities, [click here](#).

To view open Wind Power Siting Cases, [click here](#).

For more information about the Ohio Power Siting Board, [click here](#).

- **Ohio Wind Working Group**

The Ohio Wind Working Group is the forum on wind energy development information in the State of Ohio. Drawing from the manufacturing, government, development, and research sectors, as well as local landowners, Ohio Wind Working Group members work collaboratively to address obstacles in wind energy development and educate the public on the benefits of wind energy. For more information, please visit: [www.ohiowind.org](http://www.ohiowind.org).

### Features

- [Ohio Wind Working Group](#)
- [Federal Tax Credit Information](#)
- [Green Energy Ohio](#)

### Resources

- [Energy Resources Division Homepage](#)
- [Energy Efficiency](#)
- [Incentives](#)
- [Renewable Energy](#)
- [Tools](#)