

WIND ENERGY IN NORTH CAROLINA



Wind energy means economic development for North Carolina.

In 2017, North Carolina brought its first utility-scale wind project online, the 208 MW Amazon Wind Farm US East, which is far larger than any other wind farm in the Southeast. Wind project development in the state is now possible thanks to technological advances that are opening up new regions of the country to wind development. The state has long been a leader in the wind supply chain, with at least 27 manufacturing facilities in North Carolina producing components for the wind industry.

BENEFITS Jobs & Economic Benefits

The U.S. wind industry is a major economic development driver. In addition to job creation and billions of dollars in project investment, the wind industry invests heavily in local communities, providing significant revenue in the form of property, state, and local taxes.

- Direct wind industry jobs in 2018: **1,001 to 2,000**
- Capital investment in wind projects through 2018*: **\$335 million**
- Annual state and local tax payments by wind projects: **\$1.5 million**
- Annual land lease payments*: **\$500k - \$1 million**

*Source: Based on state and national averages from LBNL, NREL

Wind-Related Manufacturing

Over 500 manufacturing facilities in the U.S. make products for the wind industry, from blades, towers, and turbine nacelles to raw components such as fiberglass and steel.

- Number of active manufacturing facilities in the state: **27**



Online Wind Project



Wind-related Manufacturing Facility