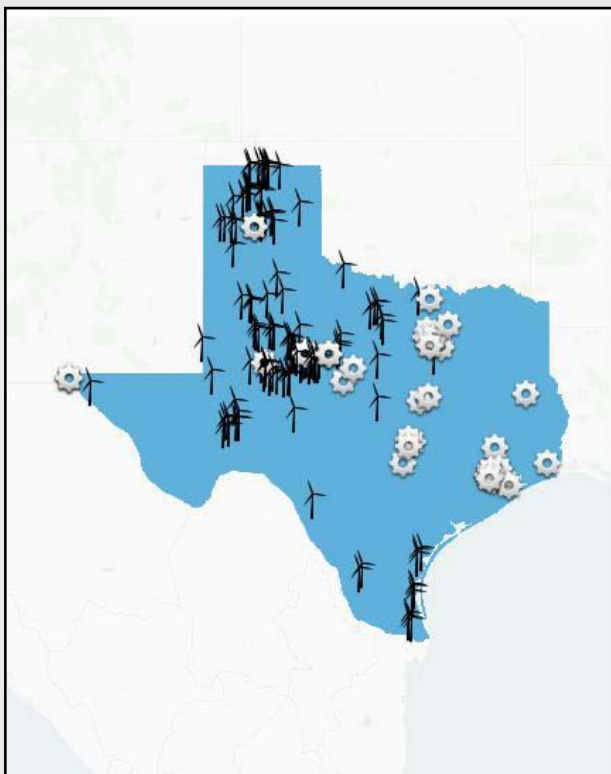


TEXAS WIND ENERGY



Texas is a national leader in the wind energy industry.

Texas has more installed wind capacity and more wind-related jobs than any other state in the nation. The wind energy industry in Texas has provided billions of dollars in economic benefits and has thrived thanks to smart state policy, such as legislation that created Competitive Renewable Energy Zones (CREZ) for wind power transmission. The state is home to turbine manufacturers DeWind and Alstom, blade manufacturer Molded Fiber Glass and several tower manufacturers, in addition to numerous component suppliers.



 Online Wind Project  Manufacturing Facility

Note: Calculations based on national and state averages.

BENEFITS Jobs & Economic

An investment in wind power is an investment in jobs, including jobs in operations and maintenance, construction, manufacturing and many support sectors. In addition, wind projects produce lease payments for landowners and increase the tax base of communities.

- 2013 direct and indirect jobs supported: 8,001 to 9,000
- Total capital investment: \$23.2 billion
- Annual land lease payments: \$38,927,340

Wind-Related Manufacturing

The United States has over 500 manufacturing facilities producing products for the wind industry that range from blade, tower and turbine nacelle assembly facilities to raw component suppliers, including fiberglass and steel.

- Number of active manufacturing facilities in the state: 46

Wind Projects

- **Installed wind capacity:** 14,098 MW
- **State rank for installed wind capacity:** 1st
- **Number of wind turbines:** 8,591
- **State rank for number of wind turbines:** 2nd
- **Wind projects online:** 127
- **Wind capacity under construction:** 7,595 MW

Current Wind Generation

In 2013, wind energy provided 8.30% of all in-state electricity production.

- **Equivalent number of homes powered by wind:** 3,315,000

Wind Generation Potential

Wind power is capable of meeting more than eighteen times the state's current electricity needs.

- **Land based wind potential at 80 meters (m) hub height:** 1,901,530 MW (source: National Renewable Energy Laboratory)

Environmental Benefits

Generating wind power creates no emissions and uses virtually no water.

- **Annual state water consumption savings:** 7,825,000,000 gallons
- **Equivalent number of water bottles saved:** 83,467,000,000
- **Annual state carbon dioxide (CO₂) emissions avoided:** 21,290,000 metric tons
- **Equivalent number of cars taken off the road:** 3,754,850



Texas

Texas established a renewable portfolio standard (RPS) in 1999, amending it in 2005. The current RPS requires 5,880 MW of renewable energy by 2015. The state also has a target of reaching 10,000 MW of renewable capacity by 2025, a target that the wind energy industry met in 2010. Wind energy has historically been the renewable resource chosen to meet RPS requirements, fulfilling 86% of RPS requirements through 2011.