Indiana has potential to become a national leader in the wind energy industry.

Indiana has been successful in attracting investment for wind energy manufacturing, with at least 15 manufacturing facilities in the state producing components for the wind industry and providing high quality jobs. The state’s wind capacity of over 2,300 MW has created additional economic benefits, including $20 million in annual lease payments to landowners. Indiana’s Meadow Lake Wind Farm is the fourth largest wind project in the U.S. with 414 wind turbines stretching across White, Jasper, and Benton Counties.

**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 2019: **6,001 to 7,000**
- Capital investment in wind projects through 2019*: $5.0 billion
- Annual state and local tax payments by wind projects**: $12 million
- Annual land lease payments: **$20 million**

*Based on state and national averages from LBNL, NREL. 
**Based on member data. Includes PILOT payments.

**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: **15**
Wind Projects as of Q2 2020
- Installed wind capacity: **2,317 MW**
  - State rank for installed wind capacity: **14th**
- Number of wind turbines: **1,264**
  - State rank for number of wind turbines: **12th**
- Wind projects online: **16** (Projects larger than 10 MW: 8)
- Wind capacity under construction: **634 MW**
- Wind capacity in advanced development: **500 MW**

Wind Generation
In 2019, wind energy provided **6.00%** of all in-state electricity production.
- State rank for share of electricity: **20th**
- Equivalent number of homes powered by wind in 2019: **569,400**

Wind Energy Potential
- Land-based technical wind potential at 80 m hub height: **118,388 MW**
  (Source: AWS Truepower, NREL)
- Offshore net technical wind potential at 100 m hub height: **995 MW** (Source: NREL)

Environmental Benefits
Wind energy reduces emissions and water consumption by avoiding generation from fossil-fuel power plants.
- In-state carbon dioxide emissions avoided in 2019*: **3.8 million metric tons**
  - Equivalent cars' worth of emissions avoided: **800,000**
- In-state water consumption savings in 2019**: **2.2 billion gallons**
*Estimated using Aurora power sector model.
**Based on national average water consumption factors for coal and gas plants.

Indiana
In May 2011, Indiana enacted a voluntary Clean Energy Portfolio Standard (CPS), that sets a goal of 10 percent of the state's electric generation to come from clean energy sources by 2025.