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

Indiana has successfully 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 $14 million in annual state and local tax payments. Indiana’s Meadow Lake Wind Farm is now 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 2018: **2,001 to 3,000**
- Capital investment in wind projects through 2018*: **$4.9 billion**
- Annual state and local tax payments by wind projects: **$14 million**
- Annual land lease payments*: **$5 - $10 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: **15**
Wind Projects as of 4Q 2019

- Installed wind capacity: 2,317 MW
  » State rank for installed wind capacity: 12th
- 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: 232 MW
- Wind capacity in advanced development: 1,200 MW

Wind Generation

In 2018, wind energy provided 5.0% of all in-state electricity production.

- State rank for share of electricity: 20th
- Equivalent number of homes powered by wind in 2018: 538,200

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

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

- 2018 annual state water consumption savings*: 2.4 billion gallons
- 2018 equivalent number of water bottles saved: 18 billion
- 2018 annual state carbon dioxide (CO₂) emissions avoided: 4.3 million metric tons
- 2018 equivalent cars’ worth of emissions avoided: 922,000

*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.