

RENEWABLE POWER IN OHIO

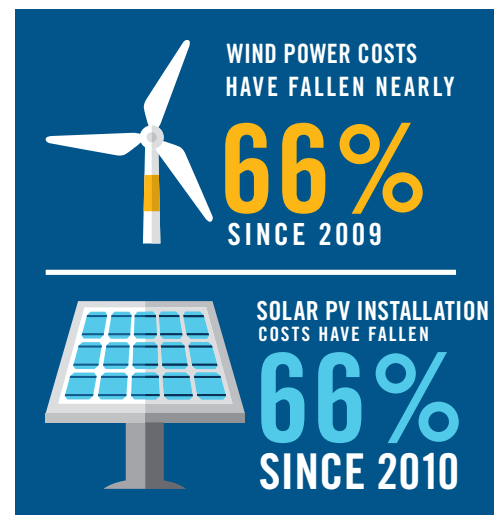


Renewable power is a growing part of the Ohio economy. There are now more than 297 wind and solar companies in the state providing a wide array of services, including manufacturing components, and developing and installing renewable energy projects.

Declining costs make renewable power a cost-effective option for Ohio


Innovations in the American wind and solar industries continue to drive down costs. As a result, a combination of wind energy, energy efficiency, and solar power played the three largest roles in creating the optimal compliance mix for the U.S. EPA's Clean Power Plan rules.


Wind and solar power are already cost competitive in certain regions, and both industries expect costs to further decline. Long-term extensions, and phaseouts, of the federal Production and Investment Tax Credits at the end of 2015 will allow for additional innovation and planning.



Economic benefits of renewables in Ohio

Renewable power projects attract private investment, create local jobs, and typically provide property tax payments for the surrounding communities. The wind industry has attracted more than \$900 million in new investment to the state since the first utility-scale wind project was developed in 2010. In 2015, \$25 million was invested on Ohio solar installations. Both industries are also experiencing significant job growth. Wind turbine technician was the fastest growing job in the nation in 2015, and the U.S. solar industry has experienced 20 percent national job growth for each of the past three years. The solar industry now employs over 7,661 workers in the state.

9,138 
**RENEWABLE
JOBS**

\$1.4 BIL 
**IN TOTAL
INVESTMENT
IN CLEAN ENERGY**

>\$4.6 MIL 
**ANNUAL
LANDOWNER
& TAX PAYMENTS**

Examples of recent low-cost renewable power purchases

- The Ohio State University has saved over \$4.2 million through February 2015 by purchasing local wind power from the Blue Creek Wind Farm in Van Wert County.
- Wind power is often cost competitive with fossil fuel sources in the state, and typically provides price certainty with long term, fixed-rate contracts.

Ohio's renewable sector has a bright future

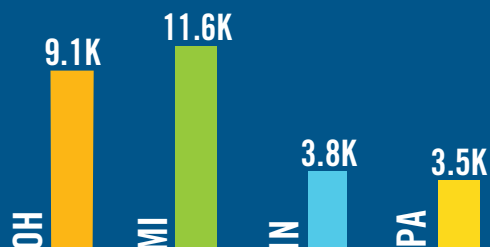
- Fixing the overly restrictive wind setback law and restoring the Alternative Energy Portfolio Standard would save Ohio consumers over \$3.4 billion in the next 14 years.
- Expanding wind power in the state could result in more than \$44 million in annual property tax revenue, and over \$18 million in annual land lease payments to rural landowners by 2030.²
- Amazon is breaking ground this summer for a wind farm in Paulding County to power its three new data centers, which represent a \$1.1 billion investment.

HOW DOES OHIO COMPARE TO NEIGHBORING STATES?

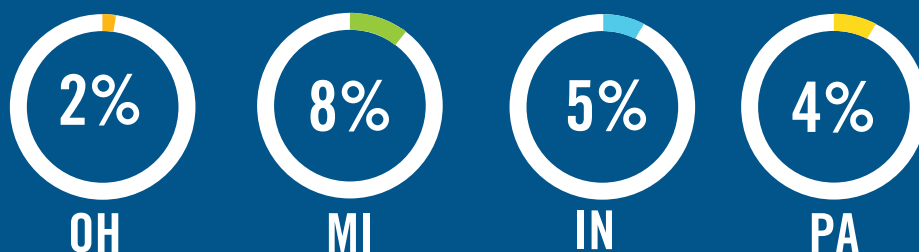
INVESTMENT IN RENEWABLE PROJECTS³



RENEWABLE JOBS⁴



POWER FROM RENEWABLE ENERGY⁵



- Sources, page 1: (1) American Wind Energy Association (AWEA), Pennsylvania Wind Energy (Q1 2016); (2) Solar Energy Industry Association (SEIA), Solar Spotlight: Pennsylvania (March 2016); (3) US Department of Energy, Wind Technologies Market Report (August 2015); (4) US Energy Information Administration, Analysis of the Impacts of the Clean Power Plan, (May 2015); (5) Clean Energy Trust, Clean Jobs Midwest, Ohio (2016).
- Sources, page 2: (1) AWEA; (2) US Department of Energy, Wind Vision (2015); (3) AWEA, SEIA, note that state-level investment data for hydropower was not available; (4) AWEA, TSF, Clean Energy Trust; (5) EIA, Electric Power Monthly with Data for December 2015 (February 2016).

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