

Clean Energy is Key for **Economic Recovery** in Wisconsin

As Wisconsin and the rest of America look toward economic recovery, the clean energy industry will play a key role because of its size, reach, and growth potential.

2019 Quick Facts

+356

Jobs in 2019

1.5x

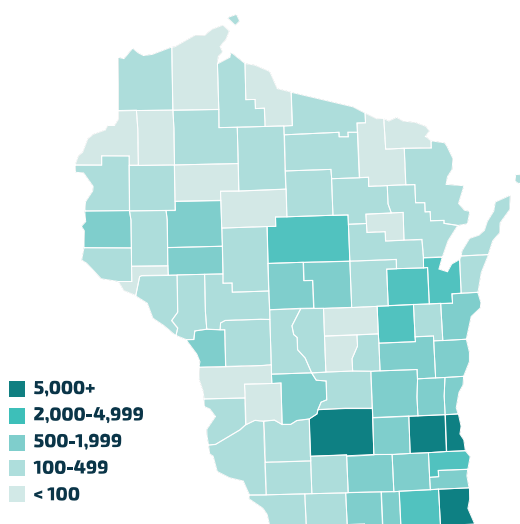
Clean energy jobs grew
1.5 times faster than the state's
overall employment

+2%

Wind jobs continued to grow,
increasing more than 2 percent
in each of the last 2 years

Prior to the COVID-19 crisis, there were over 76,600 clean energy jobs in Wisconsin, according to the latest available data. Across the state, the industry showed a consistent and growing job base, adding more than 350 jobs in 2019. At the end of 2019, more people in Wisconsin worked in clean energy than the combined workforce of real estate agents and brokers, computer programmers, web developers, and waiters and waitresses. However, according to a recent analysis of U.S. Department of Labor unemployment data, in just the first three months after the pandemic began more than 11,300 workers in clean energy-related companies lost their jobs.

Clean Energy Jobs in Wisconsin



We've seen how government investment in clean energy can help create jobs and restart the economy. After the financial crisis, federal stimulus funding in 2009 contributed to the creation of hundreds of thousands of new clean energy jobs nationwide. It provided loans to help start about 500 new clean energy companies; weatherize thousands of homes and other buildings, and helped triple the amount of energy America gets from solar and wind.

As federal and state lawmakers once again look toward economic recovery, Clean Jobs Midwest illustrates the size, reach, and importance of the clean energy industry at a pivotal moment for our nation's economy.

Hundreds of different companies in Wisconsin employed clean energy workers each year. Before the crisis hit, these employers anticipated adding 3,500 jobs, a projected growth rate of 4.5 percent.

Policies Matter

As lawmakers look to reinvigorate our economy and get America back to work, they must consider how they can support clean energy and provide stimulus funding that can drive job creation and economic growth for years to come. Smart federal, state, and local policies can help keep Wisconsin's clean energy economy growing by providing the market certainty that businesses need to set up and expand their operations.

At the federal level, lawmakers should:

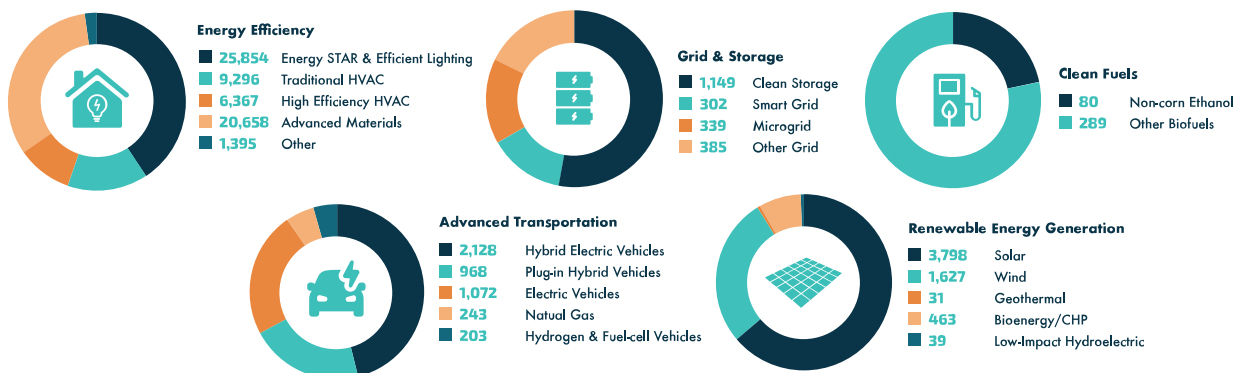
- **Boost renewables:** Secure projects and jobs that rely on incentive-based funding by extending federal clean energy incentive deadlines to account for COVID-19 – related delays. Also, extend, expand, and reform clean energy incentives like the Production Tax Credit and expired energy efficiency tax credits for commercial and residential buildings and include direct pay options for each.
- **Rev up advanced transportation:** Invest in the infrastructure we need to expand the nation's electric vehicle charging network and clean fuel infrastructure; support robust fuel efficiency standards.
- **Keep energy efficiency on track:** Fund energy efficiency programs to immediately restore demand for the services of the electricians, construction workers, installers, and factory workers whose jobs have been impacted by COVID.
- **Invest in energy storage and technologies and other cutting-edge technologies:** Increase funding for U.S. Department of Energy programs like the Advanced Research Projects Agency-Energy (ARPA-E) and the federal loan guarantee program. This will spur the kinds of world-leading innovations we need to create new opportunities now while also driving growth for decades to come.

Wisconsin can also do its part to help save and create jobs by adopting state policies that support renewables, energy efficiency, and electric vehicles.

Jobs by Sector



Subsector Details



69%

Small businesses drive the state's clean energy sector – 69 percent of Wisconsin clean energy businesses employed fewer than 20 individuals

12%

12 percent of clean energy workers in Wisconsin were veterans – twice the representation of veterans in the state's overall workforce

Unless otherwise stated, the data and analyses presented in this report by Clean Energy Trust and Environmental Entrepreneurs (E2) are based on data collected for the 2020 U.S. Energy Employment Report (2020 USEER), produced by the Energy Futures Initiative (EFI) in partnership with the National Association of State Energy Officials (NASEO) and collected and analyzed by BW Research Partnership (BWRP). For more information on the survey methodology please visit cleanjobsmidwest.com/about