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## **REPORT: Michigan Clean Energy Jobs Grew 6% in 2021, State Now Home to 119,853 Workers**

*Michigan's clean energy economy positioned for even greater growth  
with Inflation Reduction Act investments*

**Lansing, MI – (October 12, 2022)** – Clean energy businesses in Michigan added more than 6,300 new workers in 2021. Clean energy now employs 119,853 Michiganders across the state. That's according to a [new analysis of employment data](#) released today by the national, nonpartisan business group E2 (Environmental Entrepreneurs) and nonprofit Evergreen Climate Innovations. The report comes after Congress and the Biden administration passed the largest investment in climate and clean energy in history which is set to boost clean energy jobs and businesses across the state.

After a mild downturn due to the COVID-19 pandemic in 2020, Michigan clean energy jobs grew 6 percent in 2021. According to [Clean Jobs Midwest 2022](#), growth in 2021 was driven by advanced transportation, which grew by 21 percent, adding more than 5,210 jobs and now employing 29,484 workers statewide.

Despite the recent growth, clean energy jobs still have significant room to grow in Michigan. Implementing the goals of the [MI Healthy Climate Plan](#) will be critical for expanding clean energy, energy efficiency, and electric vehicle jobs in Michigan. With billions in funds from the Inflation Reduction Act preparing to be invested nationwide, the state has an enormous opportunity to create tens of thousands more jobs in the coming years. To see the full potential of job and emission reduction benefits from the Inflation Reduction Act, state and federal coordination is needed. Policies that remove barriers for clean energy development like expansion of workforce training programs and transmission infrastructure will also be critical.

[According to the analysis](#), the energy efficiency sector continued to lead in total jobs amongst clean energy sectors in 2021 with more than 74,620 workers, followed by advanced transportation (29,484 jobs) and renewable energy (11,384 jobs). Meanwhile, advanced transportation saw the fastest job growth across clean energy (21 percent), followed by clean fuels (9 percent).

Clean energy employment grew 5 percent nationwide to reach 3.2 million jobs. The Midwest also saw clean energy jobs increase 5 percent, a rate faster than overall employment growth in the region. The 12 state Midwest region is now home to over 714,000 clean energy jobs.

**Dr. Laura Sherman, President of Michigan Energy Innovation Business Council said:**

“Michigan’s clean energy economy is thriving and clean energy businesses are creating jobs faster than the rest of the economy. It’s clear that this industry provides well-paying jobs to enable Michiganders to develop meaningful careers and support their families. We look forward to continuing to partner with the state and federal government to remove policy barriers and take full advantage of new investments and opportunities.”

**Micaela Preskill, Midwest Advocate for E2 said:**

"With the IRA investing billions into the clean energy sector in the coming years, these jobs are set to grow at an unprecedented rate. Michigan stands to benefit as the industry builds off its strong foundation with clean energy workers calling home in every corner of the Midwest. With policies that support strong wages, equity, and workforce training, a transformation to a cleaner economy that boosts the state's entire economy is within reach."

**Ian Adams, Managing Director at Evergreen Climate Innovations said:**

"The clean energy workforce is a large and growing part of the Midwest region's economy. This seventh edition of the Clean Jobs Midwest report demonstrates how innovative businesses across renewable energy, electric vehicles, and beyond are continuing to deploy new technologies and create new jobs in the process. Looking forward, we are excited for the potential for this industry to grow even more robustly following the passage of impactful federal legislation including the Infrastructure Investment and Jobs Act and the Inflation Reduction Act."

**Tom Gallagher, VP Operations at Ultium Cells in Warren, OH and Lansing, MI said:**

“At Ultium Cells, we are excited to play a role in the clean energy transition by manufacturing battery cells to power an electric transportation future, creating more than 5,000 new high-tech jobs in the U.S., including more than 3,000 across Ohio and Michigan. We, along with countless other policymakers, business leaders, community partners, entrepreneurs, and workers in the clean energy space are proving that smart climate policies can drive innovation and create jobs, and do so in a way that helps our planet.”

**Other Findings:**

- Clean energy occupations accounted for 19 percent of all construction jobs and 10 percent of all manufacturing jobs in Michigan.
- Small businesses drive Michigan’s clean energy sector – in 2021, 75 percent of Michigan’s clean energy businesses employed fewer than 20 people.
- 11 percent of Michiganders employed in clean energy are veterans.

For a full breakdown of clean energy jobs for every state in the Midwest, see [www.cleanjobsmidwest.com](http://www.cleanjobsmidwest.com) – including profiles of workers in each sector.

**Methodology:**

*This is the seventh annual Clean Jobs Midwest report produced by E2 and Evergreen Climate Innovations (formerly Clean Energy Trust) based on analysis of the U.S. Department of Energy’s annual US Energy Employment & Jobs Report (USEER) by the BW Research Partnership. The USEER analyzes data from the U.S. Bureau of Labor Statistics (BLS) Quarterly Census of Employment and Wages (QCEW) to track employment across many energy production, transmission and distribution subsectors. In addition, the 2022 USEER relies on a unique supplemental survey of 33,000 business representatives across the United States.*

For more details on methodology see <https://www.cleanjobsmidwest.com/survey-methodology>.

**Previous E2 and Evergreen Jobs Reports:**

- [Clean Jobs Midwest 2021](#)
- [Clean Jobs Midwest 2020](#)
- [Clean Jobs Midwest 2019](#)
- [Clean Jobs Midwest 2018](#)
- [Clean Jobs Midwest 2017](#)
- [Clean Jobs Midwest 2016](#)

**Additional Information:**

- Report: [Clean Jobs America 2022](#) (July 2022)

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[Environmental Entrepreneurs \(E2\)](#) is a national, nonpartisan group of business leaders, investors, and professionals from every sector of the economy who advocate for smart policies that are good for the economy and good for the environment. Our members have founded or funded more than 2,500 companies, created more than 600,000 jobs, and manage more than \$100 billion in venture and private equity capital. For more information, see [www.e2.org](http://www.e2.org) or follow us on Twitter at [@e2org](#).

Evergreen Climate Innovations, formerly Clean Energy Trust, provides catalytic capital and support to entrepreneurs and startups that bring impactful climate technologies to market. The nonprofit pioneered its 501vc<sup>®</sup> Investment Fund to align philanthropic and corporate contributions to deliver environmental, economic, and social impact. Evergreen advances and expands access to innovation across the Greater Midwest and cultivates an ecosystem of investors, donors, and collaborators. For over a decade, Evergreen Climate Innovations has invested in startups that have raised \$37 for every \$1 invested. Learn more at [evergreeninno.org](http://evergreeninno.org)