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**REPORT: Michigan Home to 127K Clean Energy Jobs, #6 in US, as Industry Outpaces Overall Economy**

* *Michigan is ranked 6 nationally for most clean energy jobs*
* *Propelled by Inflation Reduction Act, clean energy companies in Michigan added jobs almost 4 times faster than the overall economy*
* *Clean vehicle jobs grew by 10.4% in 2023*
* *4,097 new manufacturing jobs added*

**Detroit, MI (October 17, 2024) –** Clean energy and clean vehicle companies added more than 5,200 jobs in Michigan. During the first full year of the federal Inflation Reduction Act (IRA), the total number of clean energy workers in Michigan grew to more than 127,000, according to the ninth annual *Clean Jobs Midwest* report released today by the national, nonpartisan business group E2, Evergreen Climate Innovations and the Michigan Energy and Innovation Business Council (Michigan EIBC).

Boosted by [the more than 340 major clean energy projects announced across the country since the passage of the IRA](https://e2.org/announcements/), clean energy jobs in the state grew 4.3 percent last year – almost 4 times faster than economy wide jobs in Michigan, according to data from the Bureau of Labor Statistics’ Quarterly Census of Employment and Wages (QCEW). The spike in clean energy jobs included 4,097 new manufacturing jobs and 3,210 jobs in clean vehicles, the fastest growing sector (10.4%) for clean energy jobs in Michigan once again.

Michigan ranked 6th in the U.S. for clean energy jobs. Energy efficiency remains the top overall clean energy employer with over 76,500 workers followed by clean vehicles (33,953 jobs), and renewable energy (12,406 jobs). Most of the state’s clean energy workers are employed in manufacturing and construction.

Home to more than 65,700 of the state’s clean energy workers, the Detroit metro area ranked 9th in the U.S. for most clean energy jobs.

“The historic policies and incentives created by the IRA are powering an American economic revolution across our energy industry, and workers and businesses across the Midwest are benefiting,” said Micaela Preskill, Director of State Advocacy for E2. “This report clearly shows clean energy is driving significant employment gains and outpacing traditional energy sectors, demonstrating the importance of data-driven policy making to create jobs where they are needed most.”

“The rapid growth in clean energy jobs across the region reflects the momentum of innovation to address climate change head on,” said Michelle Carr, CEO of Evergreen Climate Innovations. “Companies are expanding, hiring, and driving technological breakthroughs that are crucial for a sustainable future. At Evergreen Climate Innovations, we witness firsthand how startups in our portfolio respond to the opportunities created by the Inflation Reduction Act, driving growth in the region and positioning the Midwest as a leader in the clean energy transition. This progress begets more progress and we are optimistic for what’s next as innovators transform the energy landscape to be carbon free.”

“Michigan’s clean energy economy is thriving, and clean energy businesses are creating meaningful and well-paying jobs across the state,” said Dr. Laura Sherman, President of Michigan EIBC. “Following historic clean energy legislation passed in Michigan last year, we anticipate continued growth in the clean energy industry and look forward to partnering with state and federal policymakers to take full advantage of new investments and opportunities.”

“Supporting green manufacturing and green energy benefits us all in so many ways: we’re creating jobs, saving money and developing a more sustainable, safer and healthier world not just for ourselves but for our kids and generations to come,” U.S. Senator Tammy Duckworth (D-IL) said. “This report confirms something I’ve been working hard to support in Washington – the expansion of clean energy and the programs that support it are at the heart of job growth in Illinois and throughout the Midwest. The Inflation Reduction Act and the Bipartisan Infrastructure Law are helping move our country forward and today’s report reiterates these policies are working.”

"Throughout my career, I've witnessed significant growth in the Midwest clean energy industry," said CEO of Wisconsin-based Sun Bear Industries Isaiah Ness. "When I was in college, I had friends move from Wisconsin to California to take jobs in solar. Now, you don't have to leave the Midwest to find those jobs and opportunities. I started my own company 2 years ago with the goal of bringing the benefits of renewable energy to disadvantaged communities. The unequivocal benefits of cheaper, more resilient power combined with federal investments that bring down the cost of renewable energy even more, have made it possible for my company to expand quickly, hire more workers, and develop renewable energy projects throughout the Midwest. The clean energy industry in the Midwest is strong and positioned to grow rapidly over the coming years and I'm excited to be a part of it."

Nanograf opened a manufacturing facility in Chicago, IL in 2022 and recently announced a new facility opening in Flint, MI.

"At NanoGraf, we're proud to be creating jobs in our community and providing our employees invaluable experience in cutting-edge clean energy technologies," said Julia Downing, Ph.D. Senior Technology Development Scientist at Nanograf. "As a 100% U.S.-owned company onshoring the production of advanced silicon anode materials for U.S. military applications, we’re exactly the kind of business the Inflation Reduction Act (IRA) was designed to support. It’s boosted our workforce, investments, and demand for our products in new industries."

Nationally, U.S. clean energy jobs outpaced overall economy wide job growth by 200 percent, adding almost 150,000 jobs for a total of 3.46 million.

For a copy of the *Clean Jobs Midwest 2024* report to dive deeper into the data including subsector data such as solar and electric vehicle jobs and explore jobs down to the state, county, and metro levels, visit <https://www.cleanjobsmidwest.com/>.

**Additional Key Findings:**

* There was 3.9 percent growth in clean energy jobs in 2023 in the 12 state Midwest region.
* The Midwest region is now home to 761,051 clean energy jobs.
* There was 9.1 percent growth of jobs in the clean transportation sector in the Midwest, the region’s fastest-growing sector in 2023.
* Small businesses drive Michigan’s clean energy sector – in 2023, 74 percent of Michigan’s clean energy businesses employed fewer than 20 people.
* 10.6 percent of those employed in clean energy in Michigan are military veterans.

**Methodology**

This analysis of U.S. clean energy employment is based on employment data collected and analyzed by the BW Research Partnership for the 2024 U.S. Energy and Employment Report (USEER). 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 2023 USEER relies on a unique supplemental survey of 42,000 business representatives across the United States. Created and conducted by BW Research, the methodology has been approved by the Office of Management and Budget (OMB) and U.S. Department of Energy (DOE). This survey is used to identify energy-related employment within key subsectors of the broader industries as classified by the BLS and to assign them into their component energy and energy efficiency sectors.

A full methodology on the sectors and types of jobs this analysis includes and does not include is available in the report, available here.

**Other Resources**

* ***Clean Jobs America 2024* State & County Maps**: [cleanjobsamerica.e2.org/](http://www.cleanjobsamerica.e2.org/)
* [**Inflation Reduction Act Year-Two Review**](https://e2.org/reports/clean-economy-works-two-year-review-2024/): In the IRA’s first two years, E2 tracked 334 major clean energy projects encompassing nearly $126 billion in private sector development. Notably, the vast majority of this investment capital – some 85 percent – went to congressional districts represented by Republicans, despite the fact not a single Republican member of congress voted for the law.
* [**Clean Economy Works**](https://e2.org/announcements/): More details plus an interactive map of each of these projects shows what’s trending in America’s booming clean economy.
* [***Clean Economy NOW: Stories from the Frontlines of an American Business Revolution***](https://cleaneconomynow.com/)**:** Author, former journalist and E2 Executive Director Bob Keefe’s recently released book includes fresh insider information about the passage of the landmark IRA legislation two years ago; stories of communities and people being impacted by the legislation today and what it all means for politics, the planet and our future.

To connect with clean energy business leaders and come from every corner of the Midwest region, please contact E2 communications director Michael Timberlake at [mtimberlake@e2.org](mailto:mtimberlake@e2.org).

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[Environmental Entrepreneurs (E2)](http://www.e2.org/) 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 managed more than $100 billion in venture and private equity capital. For more information, see www.e2.org or follow us on Twitter at [@e2org](https://twitter.com/e2org?ref_src=twsrc%5Egoogle%7Ctwcamp%5Eserp%7Ctwgr%5Eauthor).

[Evergreen Climate Innovations](https://evergreeninno.org/) provides catalytic capital and support to entrepreneurs and startups that bring impactful climate technologies to market. The nonprofit pioneered its 501vc® 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 $54 for every $1 invested. Learn more at [evergreeninno.org](https://urldefense.com/v3/__http:/evergreeninno.org__;!!NO21cQ!Gn2bsEw9qW9EIHJTdcwb3Tg02FgjtP9BKezJ8zbtM6NQ3vJcSucRcOCPVtv2nJQvEhJiGPr_pzVA8mVTohk$)

The [Michigan Energy Innovation Business Council](https://mieibc.org/) (Michigan EIBC) is a trade organization with more than 170 business members. Our mission is to grow Michigan’s opportunities for innovation and business growth by offering a unified voice to create a business-friendly environment for the advanced energy industry in Michigan. Michigan EIBC represents companies across the full range of the advanced energy sector, including advanced materials, batteries and energy storage, biomass and biofuels, combined heat and power, community development, consulting, demand response, electric vehicles and mobility, energy efficiency, geothermal, law, lighting, lobbying and advocacy, performance contracting, purchasers of renewable energy, smart grid and optimization, solar, and wind.