

MINNESOTA LEADS IN WIND GENERATION

July 2025



\$2.6 billion awarded through IIJA and IRA



\$275 million private investment and **1,330 jobs** in manufacturing



8th highest wind energy generation capacity

1,330 Manufacturing Jobs Announced in Minnesota

Private companies have announced **\$275 million in investment** into the manufacturing of clean energy generation technology in Minnesota, which is expected to create **1,330 jobs**.¹ Of that, 84 percent has been announced since late 2021 and 41 percent is expected to be invested in Republican districts.²



SOLAR ENERGY MANUFACTURING
\$252 million announced to support 990 jobs



TRANSMISSION & GRID MANUFACTURING
\$23 million announced to support 340 jobs

The two largest manufacturing facilities by investment are both from Heliene, a solar manufacturing company. The first has \$145 million in announced investment and 250 announced jobs while the second has \$54 million in announced investment along with 220 jobs.³

Wind Generation is Growing in Minnesota

As of May 2025, Minnesota had the eighth highest wind generation capacity in the nation, at just over **4,800 megawatts (MW)**, of a total of just about 9,000 MW of clean energy generation capacity which is enough to power approximately 1.6 million homes.⁴ This total is up by 16 percent from 7,700 MW of capacity in 2020. There is 1,210 MW of clean energy generation planned or under construction, about half of which is in wind.

¹ In this fact sheet, “clean energy” includes technologies that produce net-zero emissions.

² Investment is for facilities where a location has been announced.

³ Manufacturing jobs include publicly announced, committed manufacturing jobs. Not all jobs may be realized. All manufacturing data sourced from the [Clean Economy Tracker](#). Accessed July 5, 2025.

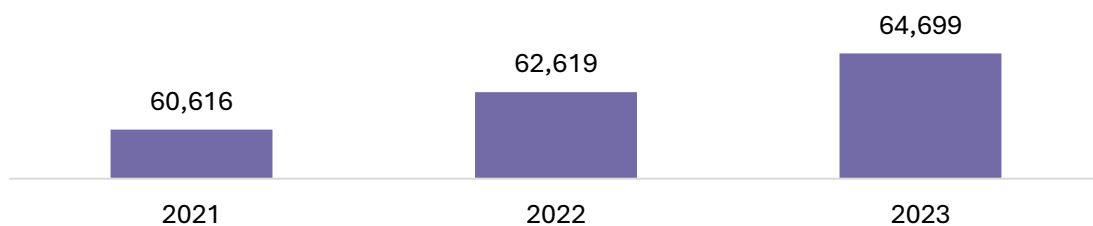
⁴ The American Clean Power Association [estimates](#) that 1 MW of clean energy can power approximately 179 homes.

Clean energy accounts for 50 percent of total operating, planned, and under construction generation capacity in Minnesota and 96 percent of those projects are in Republican Congressional districts.⁵

Clean Energy Jobs Have Grown in Minnesota

Electric power generation accounted for 16,764 jobs in Minnesota in 2023. Of these, 2,860 were in wind electricity and 5,332 in solar electricity, accounting for nearly half of all electricity generation jobs in the state.

Clean energy jobs in Minnesota have grown nearly eight percent since 2021. In 2023, Minnesota had **64,699 clean energy jobs**.⁶



Source: [Energy Employment by State 2024](#).

\$2.6 Billion Awarded to Minnesota in Federal Funding

Minnesota has been awarded **\$2.56 billion** in federal funding for clean energy generation, storage, efficiency, and grid improvement programs from the Infrastructure Investment and Jobs Act and the Inflation Reduction Act, excluding loans and tax credits, and including multi-state awards. This funding has been awarded across projects and programs, including:

- **\$925 million** to build a regional clean hydrogen hub, supporting research and development as well as production of hydrogen fuel.
- **\$640.8 million** to help rural Americans access and install new clean, affordable, and reliable energy while reducing air and water pollution.
- **\$464 million** for grid improvements to strengthen reliability and resilience and mitigate outages and disruptions due to extreme weather, wildfire, and other natural disasters.⁷

⁵ [Clean Economy Tracker](#). Accessed July 5, 2025.

⁶ United States Energy & Employment Report, [Energy Employment by State 2024](#), Department of Energy.

⁷ Funding amounts exclude awards that have been confirmed canceled by the Trump Administration but do include awards that are currently in litigation or otherwise on hold. Funding amounts are based on program and a given program may include projects in multiple sectors. These have been disaggregated to the extent possible but some over- and/or undercounting may remain. All funding data sourced from the [Climate Program Portal](#). Accessed June 14, 2025.