

COLORADO LEADS IN WIND GENERATION

July 2025



\$1.2 billion awarded through IJA and IRA



\$1 billion private investment and **4,329 jobs** in manufacturing



7th highest wind generation capacity

4,300 Manufacturing Jobs Announced in Colorado

Private companies have announced **\$1 billion in investment** into the manufacturing of clean energy generation technology in Colorado, which is expected to create **4,329 jobs**.¹ Of that, 100 percent has been announced since 2022 and 100 percent is expected to be invested in Republican districts.



SOLAR ENERGY MANUFACTURING
\$30 million announced to support 87 jobs



WIND ENERGY MANUFACTURING
\$1 billion announced to support 4,242 jobs

The largest manufacturing facility by investment is the Vestas Pueblo Wind Turbine Manufacturing Facility at \$483 million in announced investment and 1,677 announced jobs. This is followed two other Vestas wind facilities at \$253 million each.²

Colorado Leads in Wind Generation

As of May 2025, Colorado had nearly **9,500 megawatts (MW) of operating clean energy generation capacity**, enough to power approximately 1.7 million homes.³ More than half of this came from wind energy, making Colorado the state with the seventh-highest wind energy generation capacity in the United States. Clean energy generation capacity has grown 43 percent since 2020. Clean energy accounts for 49 percent

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

² 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.

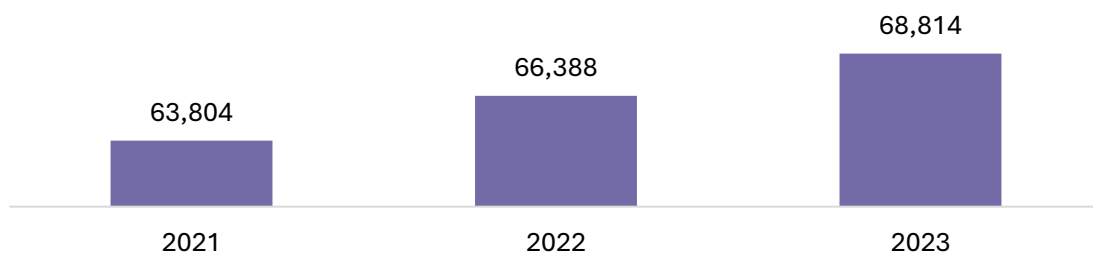
³ The American Clean Power Association [estimates](#) that 1 MW of clean energy can power approximately 179 homes.

of total operating, planned, and under construction generation capacity and 93 percent of those projects are in Republican districts.⁴

Clean Energy Jobs Have Grown in Colorado

Electric power generation accounted for **24,156 jobs** in Colorado in 2023. Of these, 7,880 were in wind electricity and 9,017 in solar electricity, accounting for 70 percent of electricity generation jobs in the state.⁵

Clean energy jobs in Colorado have grown 3.5 percent since 2021. In 2023, Colorado had **68,814 clean energy jobs**.



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

\$1.2 Billion Awarded to Colorado in Federal Funding

Colorado has been awarded **\$1.2 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 inclusive of multi-state awards. This funding has been awarded projects and programs including:

- **\$312 million** for installation and funding of community, residential and utility-scale solar energy.
- **\$252 million** for farmers or rural or small businesses to install solar or other energy efficient technologies, estimated to save thousands of dollars.
- **\$50 million** for weatherization of buildings, improving energy efficiency and saving costs for residents and owners.⁶

⁴ [Clean Economy Tracker](#). Accessed July 5, 2025.

⁵ United States Energy & Employment Report, [Energy Employment by State 2024](#), Department of Energy

⁶ 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.