

CLEAN ENERGY IS GROWING IN PENNSYLVANIA

July 2025



\$2.5 billion awarded through IIJA and IRA



\$350 million private investment and **2,096 jobs** in manufacturing



2nd highest nuclear power generation capacity

2,000 Manufacturing Jobs Announced in Pennsylvania

Private companies have announced **\$350 million in investment** into the manufacturing of clean energy generation technology in Pennsylvania, which is expected to create nearly **2,100 jobs**.¹ Of that investment, 100 percent has been announced since 2022 and 72 percent has been invested in Republican-represented Congressional districts.



SOLAR ENERGY
\$185 million announced to support 1,393 jobs



WIND ENERGY
217 announced jobs



TRANSMISSION & GRID
\$165 million announced to support 486 jobs

The largest manufacturing facility by investment is the Vitro Solar Glass facility which has a total of \$103 million in announced investments and 130 announced jobs. This is followed by the Mitsubishi Switchgear facility at \$86 million and 200 announced jobs.²

Pennsylvania Leads in Nuclear Generation

As of May 2025, Pennsylvania had an installed **clean energy generation capacity of 15,120 megawatts (MW)**, enough to power approximately 2.7 million homes.³ Of this total, 9,532 MW came from nuclear energy, the second highest nuclear capacity in the country after only Illinois. Clean energy accounts for 30 percent of total operating, planned, and under construction capacity in Pennsylvania and 74 percent of

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.

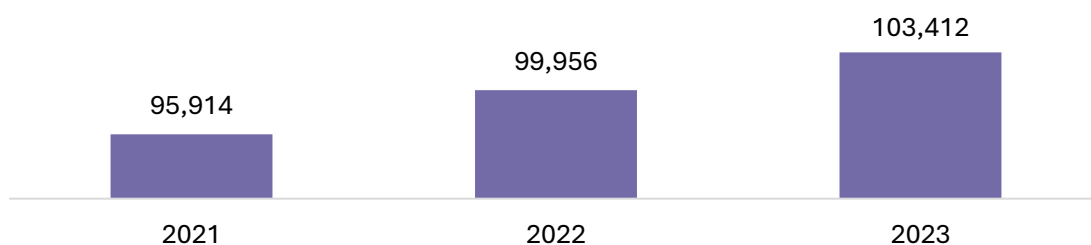
³ The American Clean Power Association [estimates](#) that 1 MW of clean energy can power approximately 179 homes.

those projects are in Republican Congressional districts. Pennsylvania's total clean capacity has risen by 6.5 percent since 2020.⁴

Clean Energy Jobs Have Grown in Pennsylvania

Electric power generation accounted for **22,526 jobs** in Pennsylvania in 2023. Of these, 3,255 were in wind electricity and 6,731 in solar electricity, accounting for 44 percent of electricity generation jobs in the state.⁵

Clean energy jobs in Pennsylvania have grown by nearly eight percent since 2021. In 2023, Pennsylvania's **103,412 clean energy jobs** ranked 10th in the nation.



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

\$2.5 Billion Awarded in Federal Funding

Pennsylvania has been awarded **\$2.5 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, including multi-state awards. This funding has been awarded across projects and programs including:

- **\$925 million** to build a regional clean hydrogen hub focusing on research and development as well as fuel production.
- **\$156 million** for community, rooftop, and utility scale solar installation, especially in underserved areas and for low-income homes.
- **\$100 million** for grid improvements to strengthen reliability and resilience and mitigate outages and disruptions due to extreme weather, wildfire, and other natural disasters.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.