

CLEAN ENERGY GROWING IN WASHINGTON

July 2025



\$2.2 billion awarded through IJIA and IRA



\$4 million private investment and **30 jobs** in manufacturing



The **most** hydropower electricity in the country

30 Manufacturing Jobs Announced in Washington

Private companies have announced **\$4 million in investment** into the manufacturing of clean energy generation technology in Washington, which is expected to create **30 jobs**.¹ These announcements come entirely from solar energy manufacturing facilities.



SOLAR ENERGY MANUFACTURING
\$4 million announced to support 30 jobs

Although there are four operational solar manufacturing facilities and one wind, all investment has gone to the expansion of the Silfab solar facility in Bellingham.²

Clean Energy Dominates Generation Capacity in Washington

As of May 2025, Washington had an **installed clean energy generation capacity of 25,550 megawatts** (MW), enough to power approximately 4.4 million homes and the third highest capacity in the country.³ Of this total, 21,688 MW came from hydroelectric power, by far the highest hydropower capacity in the country. Washington has 4,570 MW of clean energy generation currently planned or under construction. Of this, nearly half, or 1,950 MW, is solar. Clean energy accounts for 87 percent of total operating, planned, and

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.

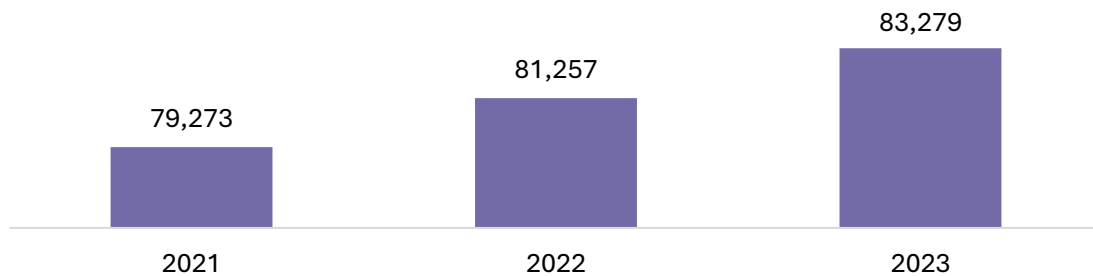
³ The American Clean Power Association [estimates](#) that 1 MW of clean energy can power approximately 179 homes.

under construction energy generation in Washington and 74 percent of those projects are in Republican Congressional districts.⁴

Clean Energy Jobs Have Grown in Washington

Electric power generation accounted for **15,791 jobs** in Washington in 2023. Of these, 3,521 were in wind electricity and 5,670 in solar electricity, accounting for 58 percent of electricity generation jobs in the state.⁵

In 2023, Washington had **83,279 clean energy jobs**, up five percent from 2021.



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

\$2.2 Billion Awarded to Washington in Federal Funding

Washington has been awarded **\$2.18 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 programs and projects including:

- **\$156 million** for community, rooftop, and utility scale solar installation, especially in underserved areas and for low-income homes.
- **\$103 million** for grid improvements to strengthen reliability and resilience and mitigate outages and disruptions due to extreme weather, wildfire, and other natural disasters.
- **\$52 million** for activities to benefit communities through projects that reduce pollution, increase community climate resilience, and build community capacity to address challenges.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.