

MARYLAND LEADS IN CLEAN ENERGY JOBS

July 2025



\$1.5 billion awarded through IIJA and IRA



\$611 million private investment and **720 jobs** in manufacturing



3.4 GW of clean energy generation capacity

720 Manufacturing Jobs Announced in Maryland

Private companies have announced **\$611 million in investment** into the manufacturing of clean energy generation technology in Maryland, which is expected to create **720 jobs**.¹ Of that, 89 percent has been announced since late 2021, and 11 percent is expected to be invested in Republican districts. This investment is concentrated exclusively in the wind energy sector.



WIND ENERGY MANUFACTURING

\$611 million announced to support 720 jobs

The largest investment is Hellenic Cables' manufacturing facility in Baltimore, which has a total of \$300 million in announced investments and 120 announced jobs. This is followed by a Haizea facility in Sparrow's Point with \$227 million in announced investment along with 530 jobs.²

Solar is Dominating Maryland's Clean Energy Growth

As of May 2025, Maryland had an installed clean energy generation capacity of just over **3,420 megawatts** (MW). This total is up by nine percent from 3,125 MW in 2020, with significant growth coming from new solar installations. Solar generation capacity increased by 84 percent between 2020 and 2025 and all of Maryland's 585MW of currently planned or under construction clean energy generation capacity is solar. Clean energy accounts for 30 percent of total operating, planned, and under construction generation capacity in Maryland and 31 percent of that capacity is in Republican Congressional districts.³

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

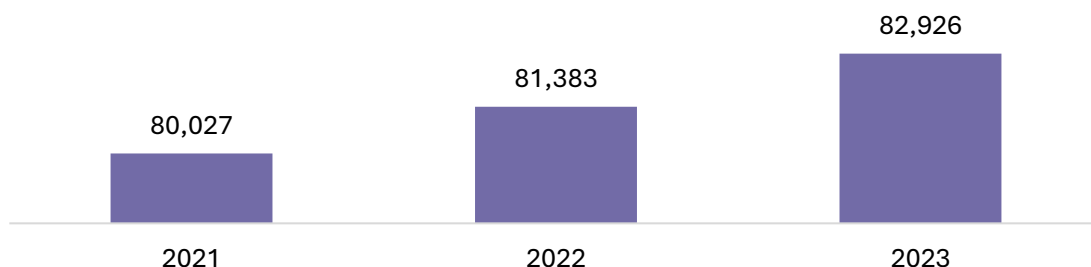
² Manufacturing jobs include publicly announced, committed manufacturing jobs. Not all jobs may be realized. All manufacturing data sourced from the [Clean Economy Tracker](#). Accessed July 5, 2025.

³ [Clean Economy Tracker](#). Accessed July 5, 2025.

Maryland Ranks Fifth in Clean Energy Jobs

Electric power generation accounted for 15,807 jobs in Maryland in 2023. Of these, 1,280 were in wind electricity and 7,195 in solar electricity, accounting for 54 percent of electricity generation jobs in the state.

Clean energy jobs in Maryland have grown by nearly two percent since 2021. In 2023, Maryland had **82,926 clean energy jobs**, which accounts for three percent of total jobs in the state, the fifth-highest percentage of any state in the country.⁴



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

\$1.5 Billion Awarded to Maryland in Federal Funding

Maryland has been awarded **\$1.5 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, and including multi-state awards. This funding has been awarded across programs and projects including:

- **\$750 million** to build a regional clean hydrogen hub focusing on research and development as well as fuel production.
- **\$216 million** for advanced industrial facilities to lower costs and improve energy efficiency while reducing emissions from domestic production.
- **\$62.5 million** for community, rooftop, and utility scale solar installation, especially in underserved areas and for low-income homes.⁵

⁴ United States Energy & Employment Report, [Energy Employment by State 2024](#), Department of Energy.

⁵ 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.