

CLEAN ENERGY IS GROWING IN LOUISIANA

July 2025



\$2 billion awarded through IIJA and IRA



\$1.2 billion private investment and **1,325 jobs** in manufacturing



4 GW of clean energy generation capacity

1,300 Manufacturing Jobs Announced in Louisiana

Private companies have announced **\$1.2 billion in investment** into the manufacturing of clean energy generation technology in Louisiana, which is expected to create **1,325 jobs**.¹ Of that, 100 percent has been announced since 2022, and 100 percent of investments are expected to be in Republican districts.



SOLAR ENERGY MANUFACTURING
\$1.1 billion announced to support 770 jobs



TRANSMISSION & GRID MANUFACTURING
\$47 million announced to support 555 jobs

The largest manufacturing facility by investment is the First Solar manufacturing facility in Acadiana which is currently under construction and has a total of \$1.1 billion in announced investments and 700 announced jobs. This is followed by a Prolec GE facility in Shreveport with an announced \$34 million in investment supporting 435 jobs.²

Clean Energy Generation Capacity is Growing

As of May 2025, Louisiana had just over **4,000 megawatts (MW) of installed clean energy generation capacity**, enough to power approximately 716,000 homes.³ This total capacity is up by 33 percent from nearly 3,000 MW in 2020. An additional 1,130 MW is currently planned or under construction. Of the 2025 total operating capacity, more than half, or 2,236 MW, is from nuclear power generation.

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 March 5, 2025.

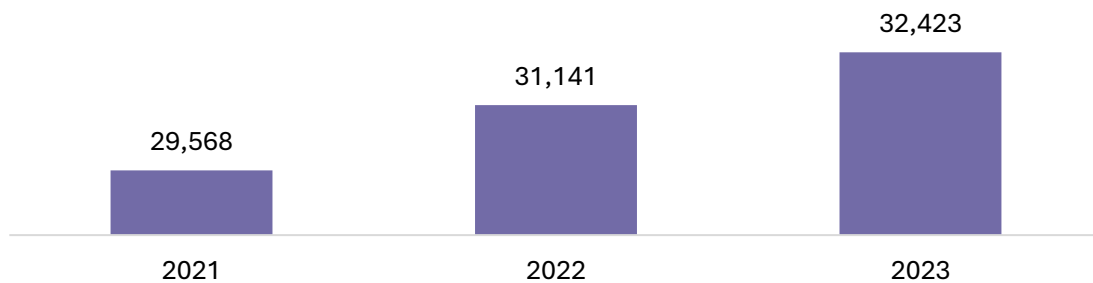
³ The American Clean Power Association [estimates](#) that 1 MW of clean energy can power approximately 179 homes.

Clean energy accounts for just 17 percent of total operating, planned, and under construction generation capacity and 52 percent of those projects are in Republican Congressional districts.⁴

Most Electric Power Generation Jobs are in Solar

Electric power generation accounted for 10,039 jobs in Louisiana in 2023. Of these, 468 were in wind electricity and 3,980 in solar electricity, accounting for 44 percent of electricity generation jobs in the state.

Clean energy jobs in Louisiana have grown nearly ten percent since 2021. In 2023, Louisiana had **32,423 clean energy jobs**, up from 29,568 in 2021.⁵



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

\$2 Billion Awarded to Louisiana in Federal Funding

Louisiana has been awarded **\$1.99 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:

- **\$360 million** for the construction and upgrading of electric transmission lines across the state.
- **\$329.5 million** for advanced industrial facilities to deploy efficiency measures, clean energy and other energy and cost-saving technologies.
- **\$14.5 million** for farmers or rural or small businesses to install solar or other energy efficient technologies, estimated to save thousands of dollars.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.