TEXAS LEADS IN CLEAN ENERGY

July 2025

CONVENERS NETWORK

$5.3 billion awarded through IIJA and IRA

$5 billion private investment and **16,500 jobs** in manufacturing

Generates **more wind electricity** than any state

16,500 Manufacturing Jobs Announced in Texas

Private companies have announced **$5 billion in investment** into the manufacturing of clean energy generation technology in Texas, which is expected to create **16,533 jobs,** by far the highest in the country.[1] Of that, 94 percent has been announced since late 2021 and 77 percent is expected to be invested in Republican districts.

SOLAR ENERGY
$3 billion announced
to support 10,450 jobs

WIND ENERGY
$1.4 billion announced
to support 1,367 jobs

TRANSMISSION & GRID
$631 million announced
to support 4,716 jobs

The largest manufacturing facility by investment is the Port Arthur Wind Energy manufacturing facility at $1.23 billion in announced investment and 100 announced jobs. This is followed by the Brookshire solar manufacturing facility, which has a total of $1 billion in announced investments and 1,500 jobs.[2]

Texas Leads in Wind and Solar Generation

As of May 2025, Texas had an installed **clean energy generation capacity of 82,250 megawatts** (MW), by far the highest in the country. Of this total, 42,900 MW came from wind generation, making Texas the state with the highest wind generation capacity in the country as well. Texas maintained its leadership in wind and emerged as a leader in solar as well, with solar-generated electricity growing by 400 percent between

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

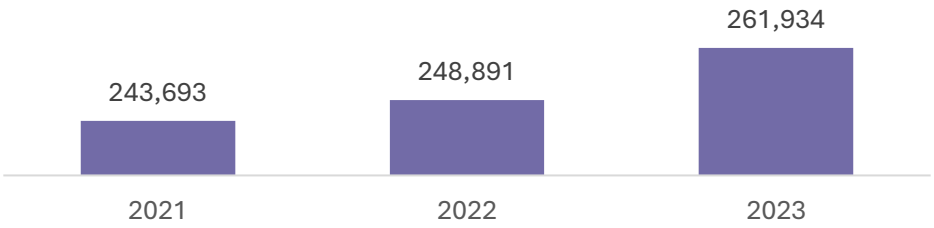
[2] Manufacturing jobs include publicly announced, committed manufacturing jobs. Not all jobs may be realized. All manufacturing data sourced from the Clean Economy Tracker. Accessed July 5, 2025.

2020 and 2025, from nearly 4,900 MW to nearly 25,000 MW five years later. This trend will likely continue with a staggering 41,300 MW of solar generation capacity currently planned or under construction. Overall, clean energy accounts for 59 percent of total operational, planned, and under construction generation capacity and 92 percent of that capacity is in Republican Congressional districts.[3]

Clean Energy Jobs Have Grown Over Time in Texas

Electric power generation accounted for **68,795 jobs** in Texas in 2023. Of these, 27,381 were in wind electricity and 16,681 in solar electricity, accounting for 64 percent of electricity generation jobs in the state.[4]

Clean energy jobs in Texas have grown 7.5 percent since 2021. In 2023, Texas's **261,934 clean energy jobs** ranked second only to California.



Source: Energy Employment by State 2024.

$5.3 Billion Awarded to Texas in Federal Funding

Texas has been awarded **$5.3 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:

- **$916.5 million** to build advanced reactor demonstration projects before the end of the decade.
- **$249.7 million** for community, rooftop, and utility scale solar installation, especially in underserved areas and for low-income homes.
- **$142 million** for grid improvements to strengthen reliability and resilience and mitigate outages and disruptions due to extreme weather, wildfire, and other natural disasters.[5]

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

[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.