

# NEW YORK LEADS IN CLEAN ENERGY MANUFACTURING

July 2025



**\$1.4 billion** awarded through IIJA and IRA



**\$2.4 billion** private investment and **5,160 jobs** in manufacturing



**4<sup>th</sup> highest** hydropower generation capacity

## 5,200 Manufacturing Jobs Announced in New York

Private companies have announced **\$2.4 billion in investment** into the manufacturing of clean energy generation technology in New York, the fourth highest investment of any state in the country.<sup>1</sup> Of this investment, which is expected to create **5,160 jobs**, 74 percent has been announced since the end of 2021. Companies have canceled \$700 million in 2025.



**SOLAR ENERGY**  
\$71 million announced to support 2,525 jobs



**WIND ENERGY**  
\$2.3 billion announced to support 2,635 jobs



**TRANSMISSION & GRID**  
\$25 million announced

The largest manufacturing facility by investment is the South Brooklyn Marine Terminal (including assembly), which has a total of \$861 million in announced investments and 1,000 jobs. This is followed by the Beacon Island facility at \$650 million in announced investment and 500 announced jobs. Both facilities manufacture components for offshore wind and are under construction.<sup>2</sup>

## Clean Energy Generation Growing in New York

As of May 2025, New York had an **installed clean energy generation capacity of nearly 15,000 megawatts (MW)**, enough to power approximately 2.7 million homes.<sup>3</sup> Of this total, which is the tenth highest in the country, 5,000 MW comes from hydroelectric power, putting New York fourth in the nation for hydropower generation capacity. There is just over 8,000 MW of planned or under construction clean energy

<sup>1</sup> In this fact sheet, “clean energy” includes technologies that produce net-zero emissions.

<sup>2</sup> 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.

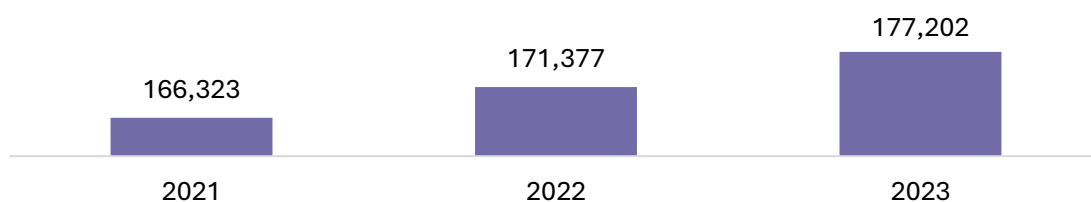
<sup>3</sup> The American Clean Power Association [estimates](#) that 1 MW of clean energy can power approximately 179 homes.

generation capacity in New York, the fifth most in the country. Of this, 3,000 MW is from wind and 4,200 from solar. Clean energy accounts for 45 percent of total operating, planned, and under construction generation capacity in New York and 81 percent of those projects are in Republican Congressional districts.<sup>4</sup>

## New York Leads in Clean Energy Jobs

Electric power generation accounted for **41,980 jobs** in New York in 2023. Of these, 4,482 were in wind electricity and 15,490 in solar electricity, accounting for 48 percent of electricity generation jobs in the state. New York has 27,384 jobs in renewable electric power generation, the third most in the country.<sup>5</sup>

Clean energy jobs in New York have grown by over six percent since 2021. In 2023, New York's **177,202 clean energy jobs** ranked third in the nation behind only California and Texas.



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

## \$1.4 Billion Awarded to New York in Federal Funding

New York has been awarded **\$1.4 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 projects and programs including:

- **\$250 million** for community, rooftop, and utility scale solar installation, especially in underserved areas and for low-income homes.
- **\$78.5 million** for projects that reduce pollution, increase community climate resilience, and build community capacity to address challenges.
- **\$38.8 million** for grid improvements to strengthen reliability and resilience and mitigate outages and disruptions due to extreme weather, wildfire, and other natural disasters.<sup>6</sup>

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<sup>4</sup> [Clean Economy Tracker](#). Accessed July 5, 2025.

<sup>5</sup> United States Energy & Employment Report, [Energy Employment by State 2024](#), Department of Energy.

<sup>6</sup> 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.