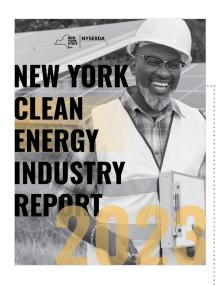
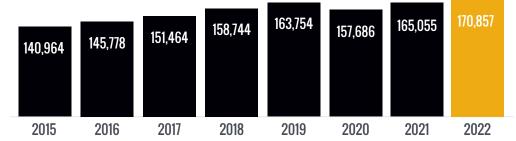
2023 NEW YORK CLEAN ENERGY INDUSTRY REPORT

This year's report shows that New York's clean energy industry gained 5,800 jobs between 2021 and 2022, demonstrating a return to robust clean energy growth. Clean energy businesses in New York added workers at a faster rate than the state's overall workforce, and in greater numbers than neighboring states. All clean energy sectors experienced growth in 2022, with the rapidly expanding clean and alternative transportation and grid modernization and storage sectors seeing double-digit employment increases in the past 12 months. New York's clean energy workforce is well-positioned for success as interest and investments into the clean energy industry continue to increase.



CLEAN ENERGY JOBS IN NEW YORK



REPORT ANALYZES:

- > Clean Energy Jobs
- > Unionization
- > Employer Needs
- > Clean Energy Employment in Disadvantaged Communities**
- > Clean Energy Investments
- > Economic Impacts of Clean Energy jobs
- > Traditional Energy Employment

171K clean energy jobs in 2022

across New York State

5.8kclean energy jobs
added between
2021 and 2022

CLEAN ENERGY EMPLOYMENT BY TECHNOLOGY (number of jobs, December 2022)



126k

Building Decarbonization and Energy Efficiency: 2% job increase* Includes lighting, ENERGY STAR® appliances (including HVAC), insulation, advanced





Renewable Electric Power Generation: 5% job increase* Includes solar, wind, geothermal, low-impact hydropower, and other renewable generation technologies.



Clean and Alternative Transportation: 20% job increase* Includes electric, hybrid, plug-in hybrid, and fuel cell/hydrogen vehicles, natural gas and other alternative fuel buses, and transportation storage.



Renewable Fuels: .3% job increase* Includes biofuels such as wood pellets and ethanol.



Grid Modernization and Energy Storage: 10% job increase* Includes smart grid, microgrid, demand response management, and energy storage.

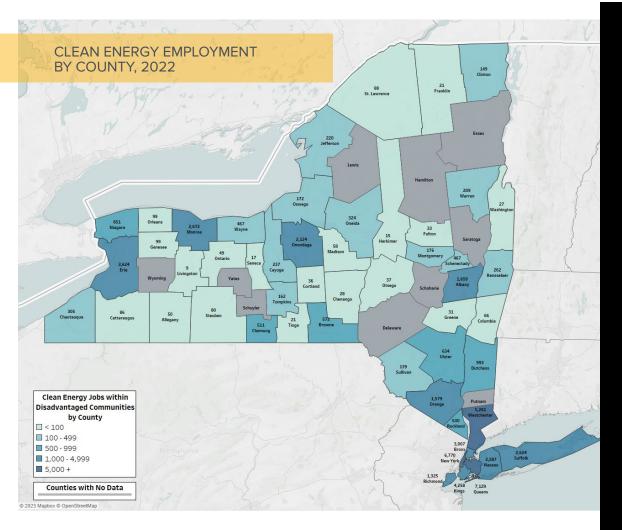
*Compared to 2021 numbers





Of the 170,857 clean energy jobs in New York as of 2022, 52,749 (31%) of these jobs can be found within disadvantaged communities identified by the New York Climate Justice Working Group (CJWG).

Significant clean energy job and training opportunities exist within these disadvantaged communities. New York policymakers are committed to ensuring equitable growth in the clean energy sector by identifying and remediating barriers to clean energy employment that exist within the State.



Overall, job gains in the clean energy sector accounted for 2% of total economy-wide employment increases in the State.

Highlights:

The share of Black, Hispanic, and Asian clean energy workers increased by about **7%** in 2022

Roughly 1 in 8 clean energy workers in New York are members of a union or covered by a union

10,062 net jobs were gained due to the economic impacts of increased clean energy activity

88% of surveyed clean energy workers reported being at least somewhat satisfied with their careers

Read the 2023 New York Clean Energy Industry Report at nyserda.ny.gov/clean-energy-jobs

The New York Clean Energy Industry Report tracks and analyzes data on clean energy jobs, geographic distribution, and employer needs, to produce useful insights that will help New York State meet its climate goals and create jobs and economic opportunity across the State.

