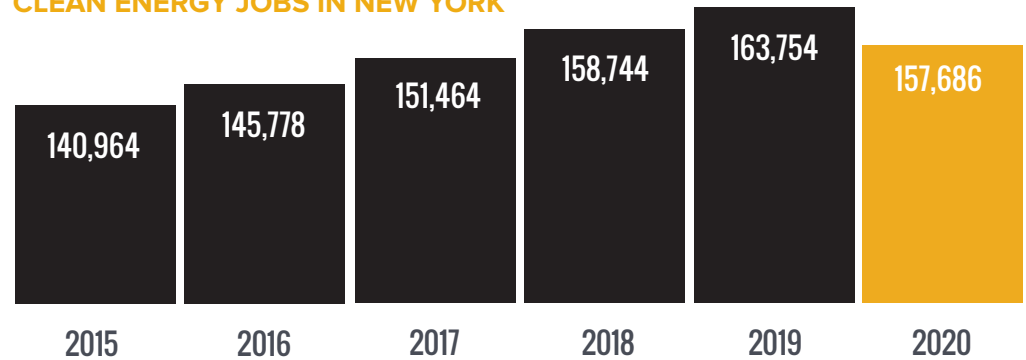


# 2021 NEW YORK CLEAN ENERGY INDUSTRY REPORT

This year's report, focusing on data from the end of 2020, shows New York lost approximately 6,000 clean energy jobs amidst the COVID-19 pandemic. This represents the first employment decline since this annual reporting series began in 2015. However, **New York's clean energy industry fared better than in neighboring states, as well as compared to the overall statewide economy.** Amid the pandemic, New York made modest employment gains in key sectors, including wind energy, clean and alternative transportation, energy storage, and grid modernization. Despite the challenges COVID-19 introduced, New York continues to advance the ambitious goals laid out by its Climate Leadership and Community Protection Act, positioning the clean energy industry to be a cornerstone for economic recovery.



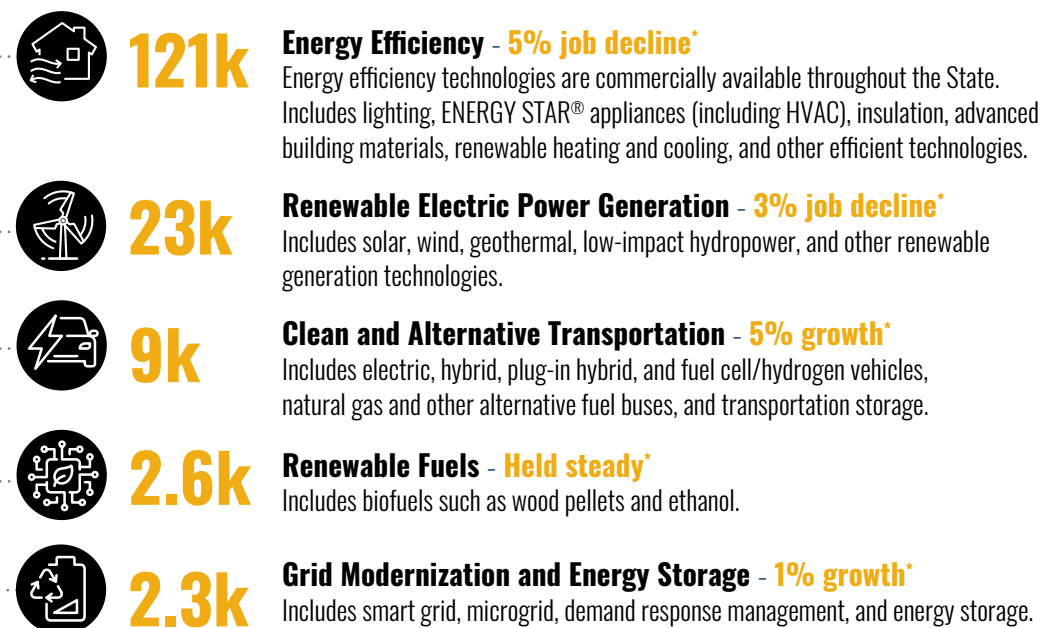
## CLEAN ENERGY JOBS IN NEW YORK



### REPORT ANALYZES:

- > Clean Energy Jobs
- > COVID-19 Employment Impacts
- > Employer Needs
- > Wage and Benefits Data
- > Workforce Training Opportunities
- > Traditional Energy Jobs

### CLEAN ENERGY EMPLOYMENT BY TECHNOLOGY (number of jobs, December 2020)



more than  
**157k**  
clean energy  
jobs in 2020

across New York State

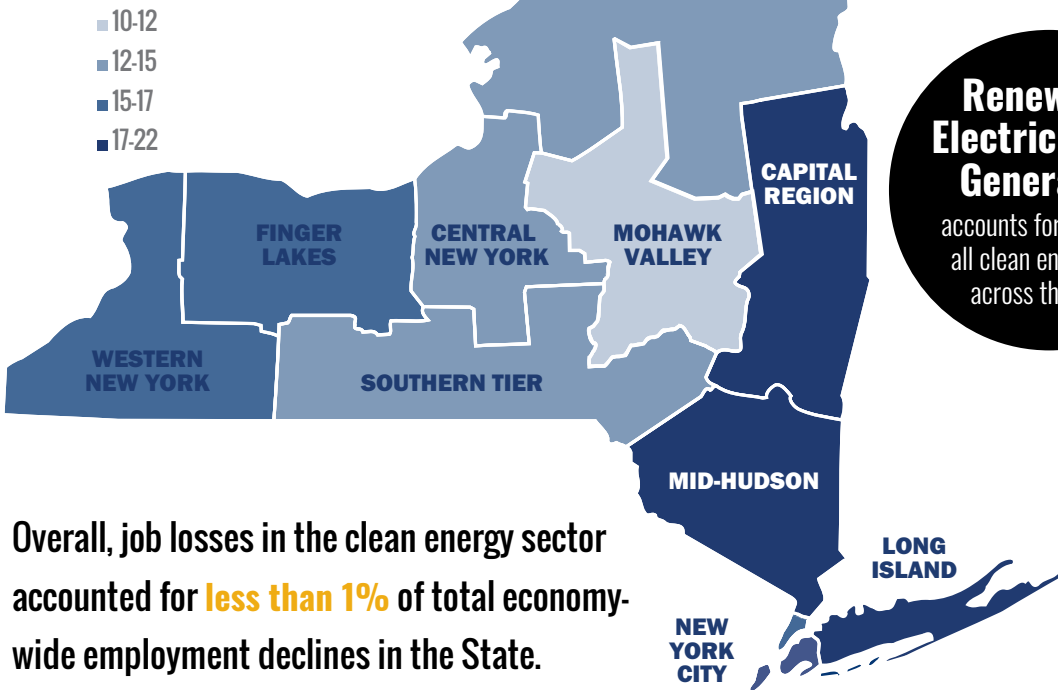
**5k**  
clean energy  
jobs restored  
since COVID-19  
re-opening in  
May 2020

as of August 2020

\*Compared to 2019 numbers.

**NEARLY 500 CLEAN ENERGY TRAINING PROGRAMS ACROSS NEW YORK** will increase technical skills and experience to help reduce hiring challenges identified by employers. These opportunities to re-skill or up-skill empower clean energy workers with the knowledge and experience needed to drive economic recovery and help New York build back better and greener. Online programs are broadening the geographic reach of quality workforce development opportunities. To sustain the growth trajectory of New York's green economy, NYSERDA has **committed \$108 million** to support the creation of a clean energy workforce pipeline and provide new training opportunities for new and existing workers.

CLEAN ENERGY EMPLOYMENT  
BY REGIONAL ECONOMIC DEVELOPMENT  
REGION (PER 1,000 TOTAL JOBS), 2020



Overall, job losses in the clean energy sector accounted for **less than 1%** of total economy-wide employment declines in the State.

**Energy Efficiency**  
accounts for **76%** of all clean energy jobs across the State

**Renewable Electric Power Generation**  
accounts for **15%** of all clean energy jobs across the State

**Alternative Transportation**  
**5% job growth**  
2019-2020

**Grid Modernization and Storage**  
**1% job growth**  
2019-2020

Industry surveys and executive interviews provide deep dives into the opportunities and challenges in key emerging technology and policy areas:

- > Offshore Wind Occupations
- > Alternative Transportation Supply Chain In New York
- > Employer Diversity, Equity, and Inclusion – Priorities, Programs, and Policies
- > Priority Populations and New York's Clean Energy Sector

**Read the 2021 New York Clean Energy Industry Report** at [nyserdera.ny.gov/clean-energy-jobs](https://nyserdera.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.