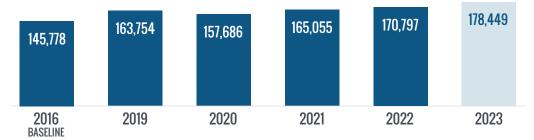
# 2024 NEW YORK CLEAN ENERGY INDUSTRY REPORT

New York's clean energy industry gained 7,700 jobs between 2022 and 2023, which is the largest employment gain in any one year since clean energy jobs tracking began. Clean energy jobs in New York grew at a faster rate than the broader State economy during this time and matched the national average growth rate in clean energy. The building decarbonization and energy efficiency sector added the most jobs, while clean and alternative transportation grew by the fastest rate during this time.



#### **CLEAN ENERGY JOBS IN NEW YORK**



#### **REPORT ANALYZES:**

- > Clean Energy Jobs
- > Wages, Benefits, and Unionization
- > Clean Energy Employment in Disadvantaged Communities\*\*
- > Deep Dive in EV Charging
- > Clean Energy Investments
- > Economic Impacts of Clean Energy Jobs
- > Traditional Energy Employment

# 178k clean energy jobs in 2023

across New York State

# 7.7k clean energy jobs added between 2022 and 2023

The clean energy sector accounted for 4% of statewide employment increases, double that of the prior year.

#### **CLEAN ENERGY EMPLOYMENT BY TECHNOLOGY**

(NUMBER OF JOBS, DECEMBER 2023)



130k

**Building Decarbonization and Energy Efficiency: 3% job increase\*** Includes lighting, ENERGY STAR® appliances (including HVAC), insulation, advanced building materials, renewable heating and cooling, and other efficient technologies.



**27k** 

**Renewable Electric Power Generation: 6% job increase\***Includes solar, wind, geothermal, low-impact hydropower, and other renewable generation technologies.



**Clean and Alternative Fuels Transportation: 16% job increase\*** Includes electric, hybrid, plug-in hybrid, and fuel cell/hydrogen vehicles, natural gas and other alternative fuel buses, and transportation storage.



2.9k

K Grid

**Grid Modernization and Energy Storage: 7% job increase\***Includes smart grid, microgrid, demand response management, and energy storage.



2.6k

**Renewable Fuels: 2% job decrease\***Includes biofuels such as wood pellets and ethanol.

\*Compared to 2022



#### **NINE IN TEN**

clean energy employers offer healthcare benefits

#### **96 PERCENT**

of surveyed clean energy workers are at least 'somewhat satisfied' with their careers

#### **ROUGHLY 1 IN 8**

workers in New York are members of a union or covered by a union

#### **CLEAN ENERGY WAGES ARE AN AVERAGE OF 7% HIGHER**

than non-clean energy wages



# DEEP DIVE ON ELECTRIC VEHICLE CHARGING.

EV charging represents a small but fast-growing employment share in the clean and alternative fuels transportation sector.

Employment in the EV charging industry grew 38% from 2021 to 2023. Most of these employment gains have been in professional and business services, which are services such as architectural or legal support that facilitate the installation and development of EV charging locations.

As the demand for chargers increases, over half of surveyed employers anticipate adding employees in 12 months. Despite this appetite for growth, the training and education systems needed to support this workforce are still forming.

#### EV Charging Employment in New York

201
202
2022
2023

Professional and Business Services
Installation
Wholesale Trade

### Read the 2024 New York Clean Energy Industry Report. <a href="mailto:nyserda.ny.gov/clean-energy-jobs">nyserda.ny.gov/clean-energy-jobs</a>

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.

