

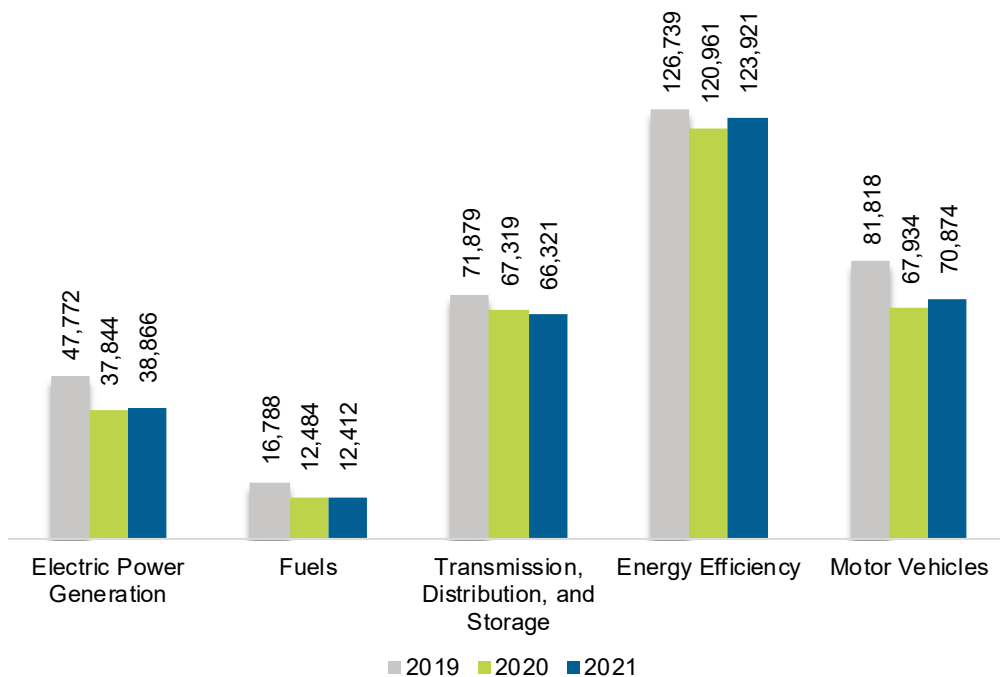
New York

ENERGY AND EMPLOYMENT — 2022

Overview

New York had 312,394 energy workers statewide in 2021, representing 4% of all U.S. energy jobs. Of these energy jobs, 38,866 are in electric power generation; 12,412 in fuels; 66,321 in transmission, distribution, and storage; 123,921 in energy efficiency; and 70,874 in motor vehicles. From 2020 to 2021, energy jobs in the state increased by 5,852 jobs, or 1.9%. The energy sector in New York represents 3.5% of total state employment.

Figure NY-1.
Employment by Major Energy Technology Application

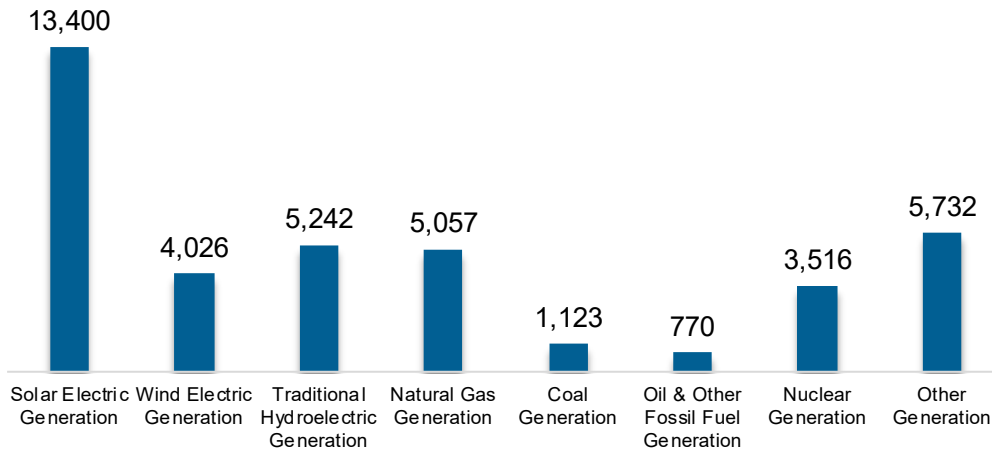


Breakdown by Technology Applications

Electric Power Generation

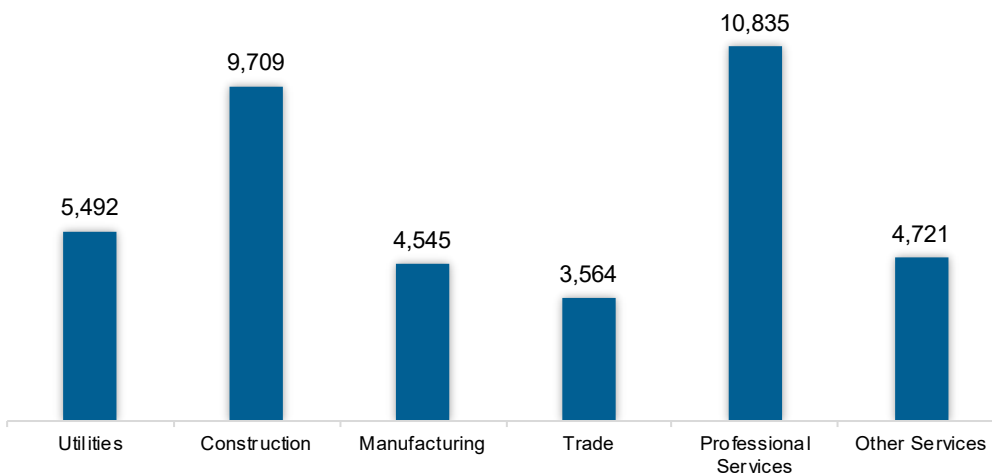
The electric power generation sector employed 38,866 workers in New York, 4.5% of the national electricity total, and added 1,022 jobs over the past year (2.7%).

Figure NY-2.
Electric Power Generation Employment by Detailed Technology Application



Professional and business services work represents the largest industry sector in the electric power generation sector, with 27.9% of jobs. Construction is second largest with 25%.

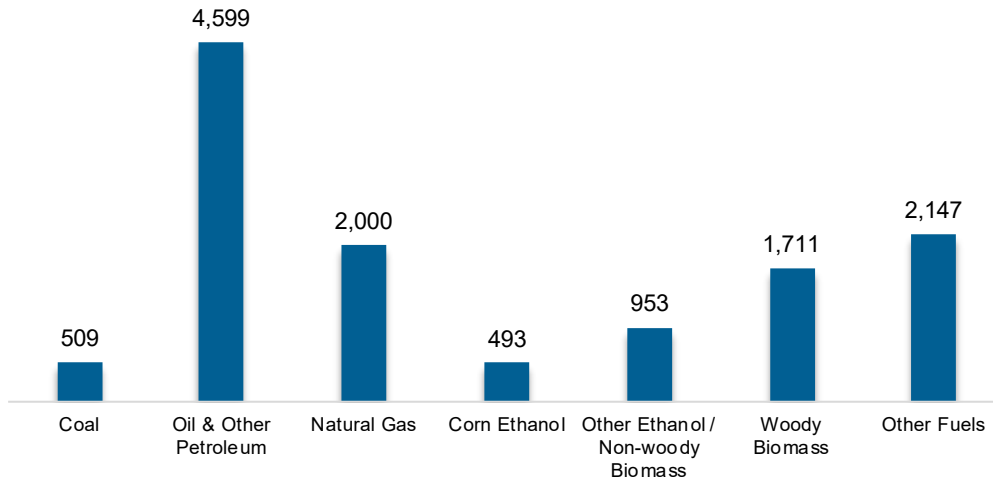
Figure NY-3.
Electric Power Generation Employment by Industry Sector



Fuels

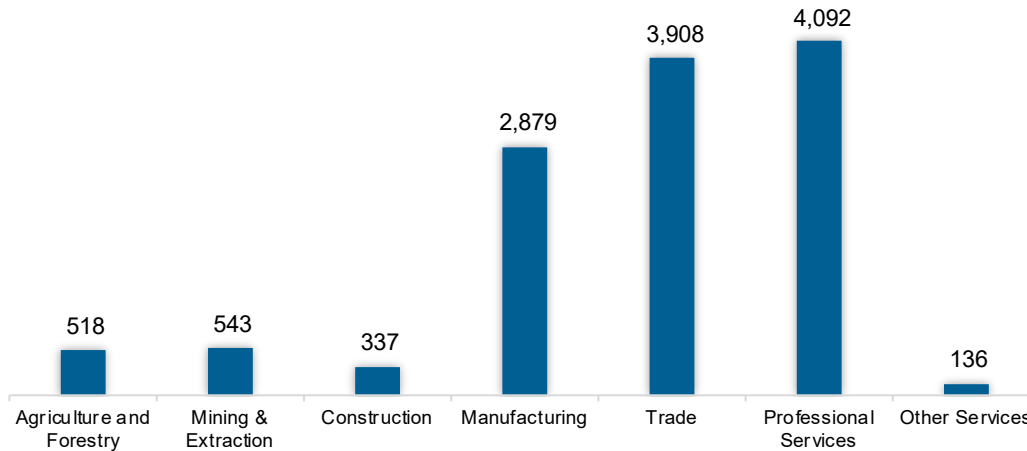
The fuel sector employed 12,412 workers in New York, 1.4% of the national total in fuels. The sector lost 72 jobs and decreased 0.6% in the past year.

**Figure NY-4.
Fuels Employment by Detailed Technology Application**



Professional and business services jobs represent 33.0% of fuel jobs in New York.

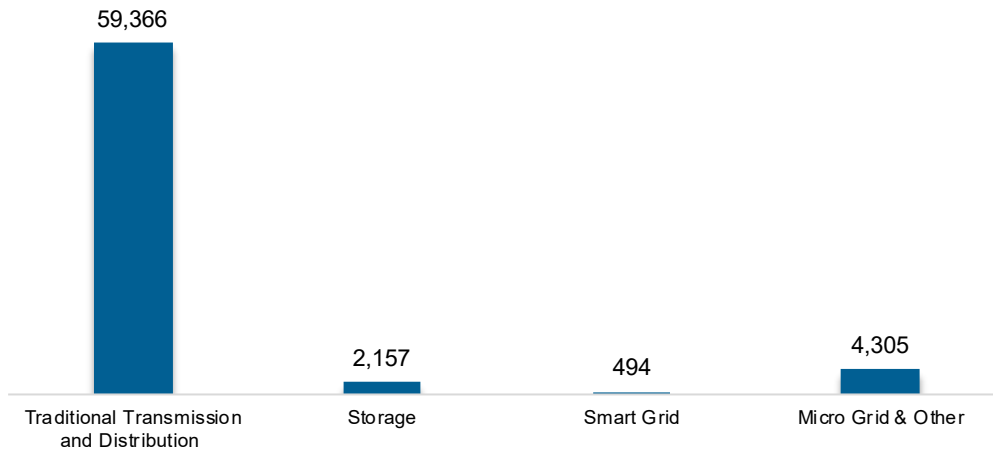
**Figure NY-5.
Fuels Employment by Industry Sector**



Transmission, Distribution and Storage

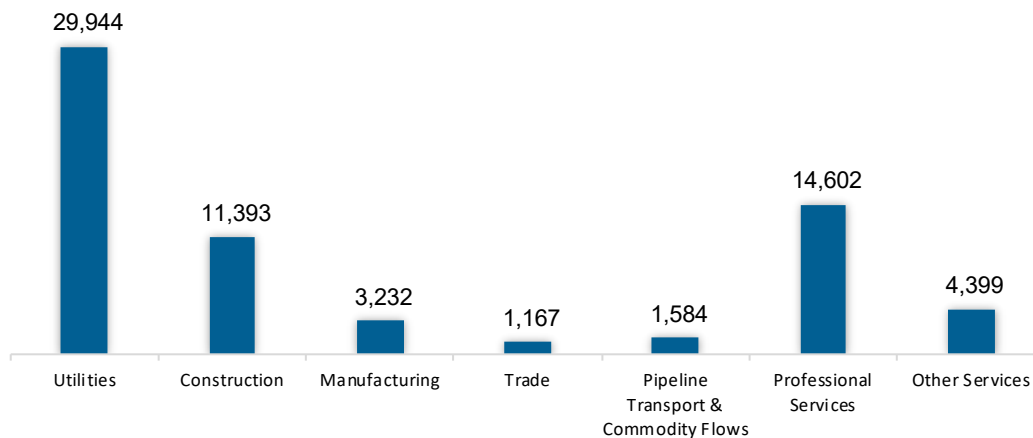
Transmission, Distribution, and Storage employs 66,321 workers in New York, 4.9% of the national total, down 1.5% or 998 jobs since the 2021 report.

Figure NY-6.
Transmission, Distribution and Storage Employment by Detailed Technology



Utilities work represents the greatest proportion of TDS jobs in New York, accounting for 45.2% of the sector’s jobs statewide.

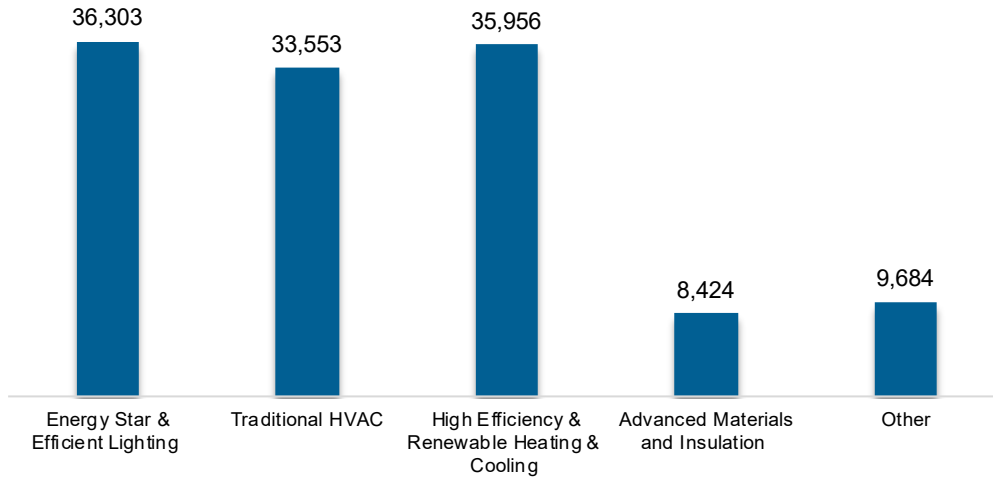
Figure NY-7.
Transmission, Distribution and Storage Employment by Industry Sector



Energy Efficiency

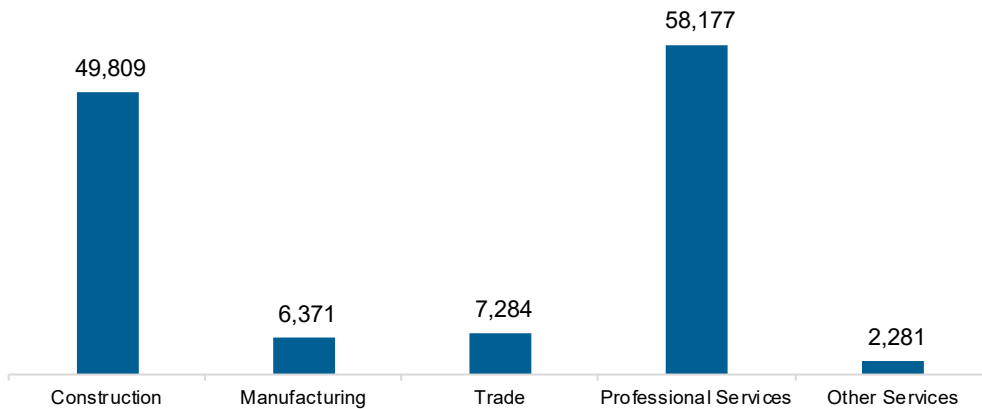
The energy efficiency (EE) sector employed 123,921 workers in New York, 5.7% of the national EE total. The EE sector added 2,960 jobs and increased 2.4% in the past year.

Figure NY-8.
Energy Efficiency Employment by Detailed Technology Application



EE employment is primarily found in the professional and business services industry.

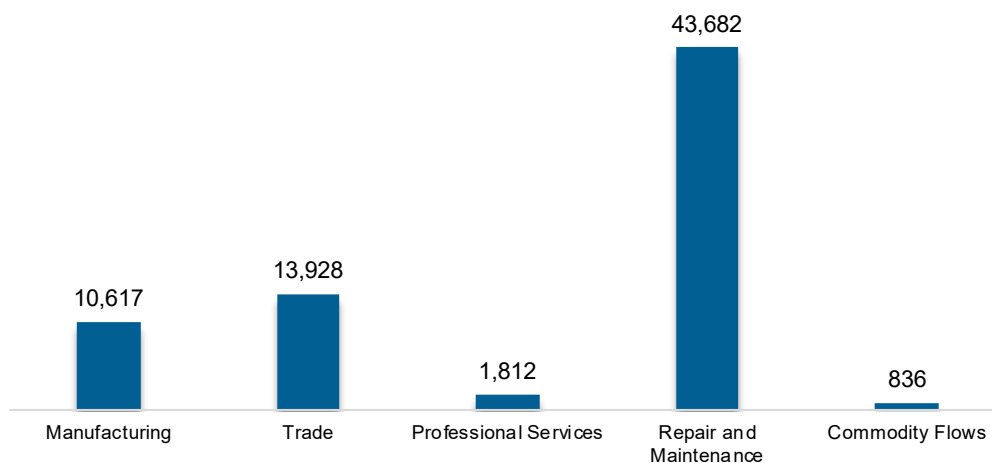
Figure NY-9.
Energy Efficiency Employment by Industry Sector



Motor Vehicles and Component Parts

The motor vehicles and component sector employed 70,874 workers in New York, 2.8% of the national total for the sector. Motor vehicles and component parts added 2,941 jobs and increased 4.3% in the past year. Repair and maintenance work represents the largest proportion of motor vehicle jobs.

Figure NY-10.
Motor Vehicle Employment by Industry Sector



Workforce Characteristics

Employer Growth

Employers in New York are less optimistic than their peers across the country about energy sector job growth over the next year.

Table NY-1
Projected Growth by Major Technology Application

Technology	State Projected Growth Next 12 Months (percent)	U.S. Projected Growth Next 12 Months (percent)
Electric Power Generation	1.5	2.2
Electric Power Transmission, Distribution, and Storage	0.9	1.1
Energy Efficiency	1.2	1.7
Fuels	1.9	3.0
Motor Vehicles	2.0	3.2

Hiring Difficulty

Employers in New York reported 52.7% overall hiring difficulty.

Table NY-2
Hiring Difficulty

Hiring Difficulty	Very Difficult (percent)	Somewhat Difficult (percent)	Not at All Difficult (percent)	Did Not Hire (percent)	Overall Hiring Difficulty
Overall	23.2	29.5	7.8	39.5	52.7