

New York

Energy Efficiency Jobs in America

123,921

Total Jobs

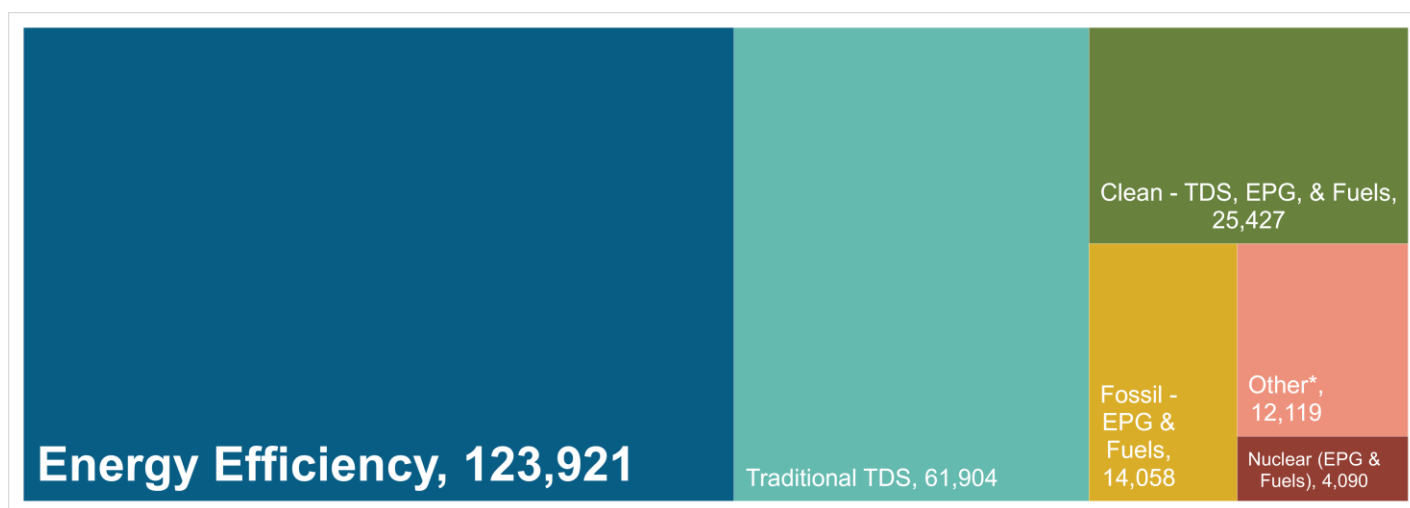


Energy efficiency (EE) workers are crucial to America's workforce. EE jobs are everywhere – in rural, urban, and suburban communities.

Investing in EE is a highly cost-effective way to improve the reliability of the electric grid, reduce harmful emissions, and make other renewable energy resources, such as solar and wind, more valuable. Efficiency measures also lower household energy bills while creating high-quality, local jobs that cannot be outsourced.

How do New York's energy sectors compare?

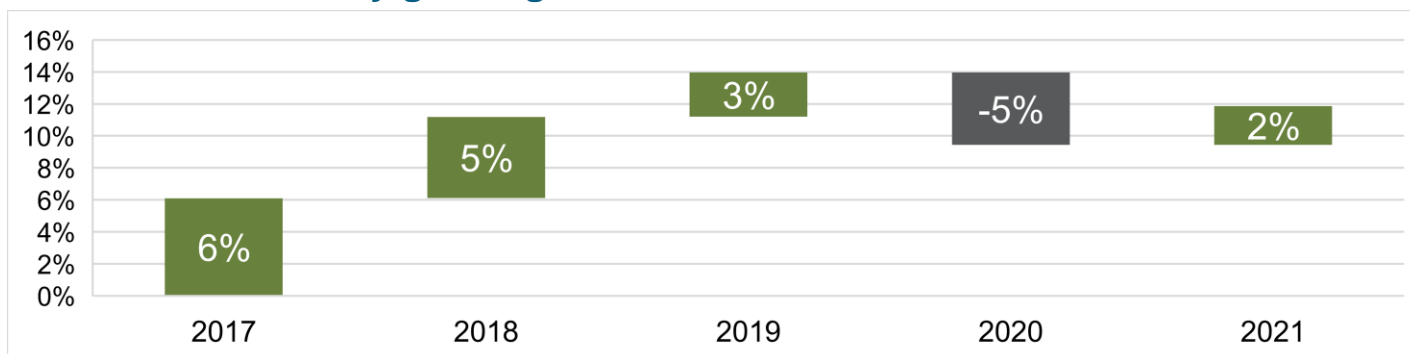
Energy Efficiency is the **largest** energy sector in New York



TDS = Transmission, Distribution & Storage
EPG = Electric Power Generation

*Includes other energy subsectors such as corn ethanol, woody biomass, large hydropower, and others.

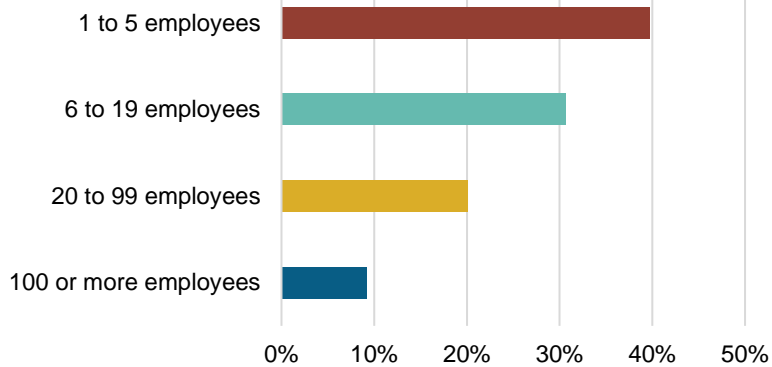
How is the EE industry growing in New York?



Prior to 2020, the EE sector was growing steadily each year, but suffered heavy job losses in the COVID-19 pandemic. The EE industry has made a strong recovery, but job gains have been slower than in the U.S. workforce overall. As we invest in EE, a focus on workforce development is vital to ensure a strong efficiency industry for years to come.

What does EE look like in New York?

90.5% of NY EE Businesses Have Fewer Than 100 Employees



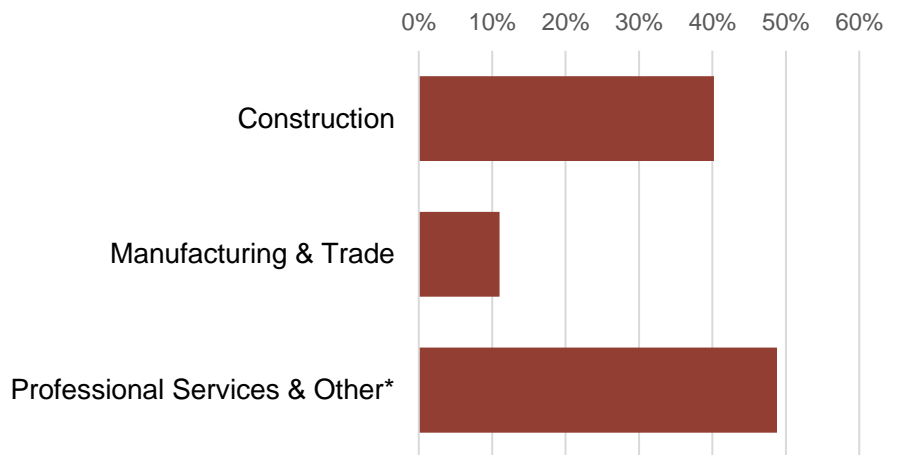
20,839
EE businesses in New York



EE construction workers comprise **13%** of New York's construction workforce

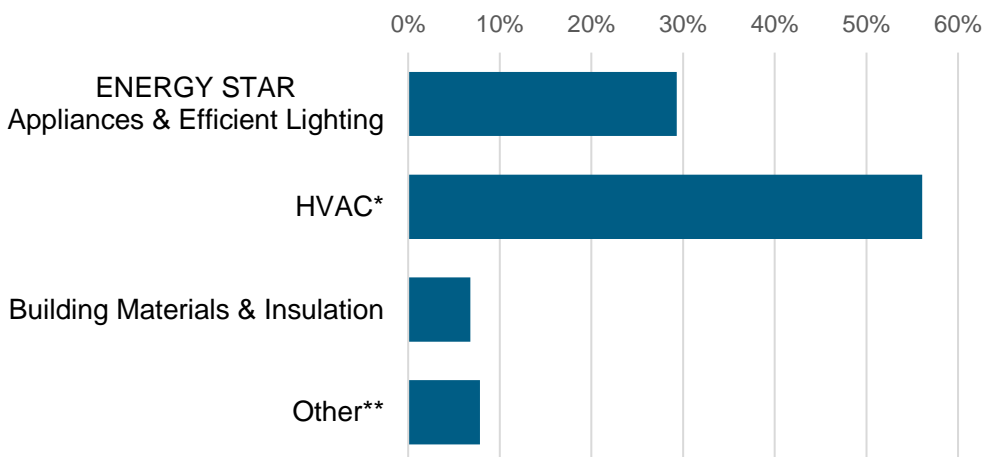


What type of work do energy efficiency firms do?



*Professional services include finance/accounting, architecture, engineering, R&D, etc. and other includes maintenance, and business and nonprofit organizations.

What energy efficiency sectors employ the most workers?



7%
of New York EE workers are **Veterans**

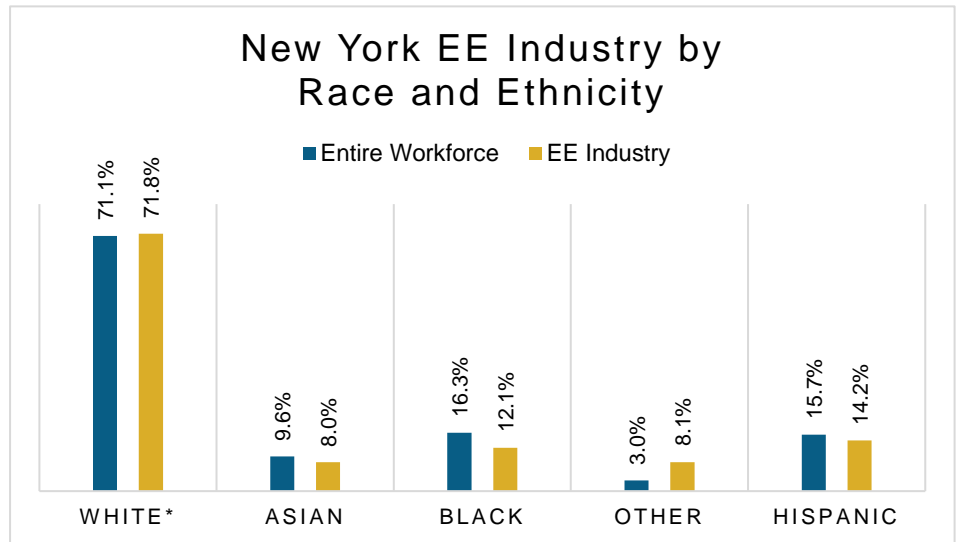


*Heating, Ventilation, Air Conditioning of higher than standard efficiency/renewable heating & cooling
**Other such as energy audits, building certifications, and software services

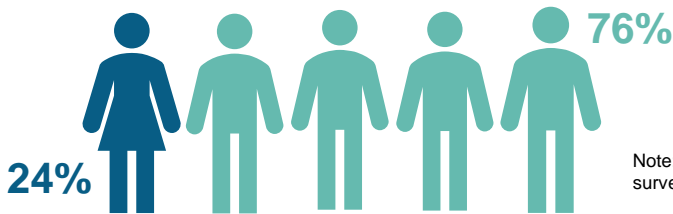
How is EE doing on diversity in New York?

Demographic data is critical to measure progress in the EE industry. In striving for more diversity in EE jobs, we can create a stronger industry that better meets the needs of all U.S. residents. Promoting diversity in hiring is key to maintaining a future workforce of qualified professionals and ensuring all New York communities are represented in the EE sector.

The EE industry needs to do more to prioritize minorities and women for training and support that enables access to employment at EE businesses.



*Includes non-Hispanic and Hispanic whites.




Note: The U.S. Bureau of Labor Statistics (BLS) only includes two genders in their survey. Non-binary gender data is missing from this document due to this limitation.

New York's EE Potential


Decades of work ready for New York's growing energy efficiency workforce.

Weatherization Assistance Program:



4,586* units weatherized in 2018, out of ~**1,000,000** total low-income households

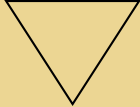
6,587,735 New York homes are due for energy tune-ups



(Non low-income families whose residences are 20+ years old)

Potential to **reduce** residential electricity consumption by

14%

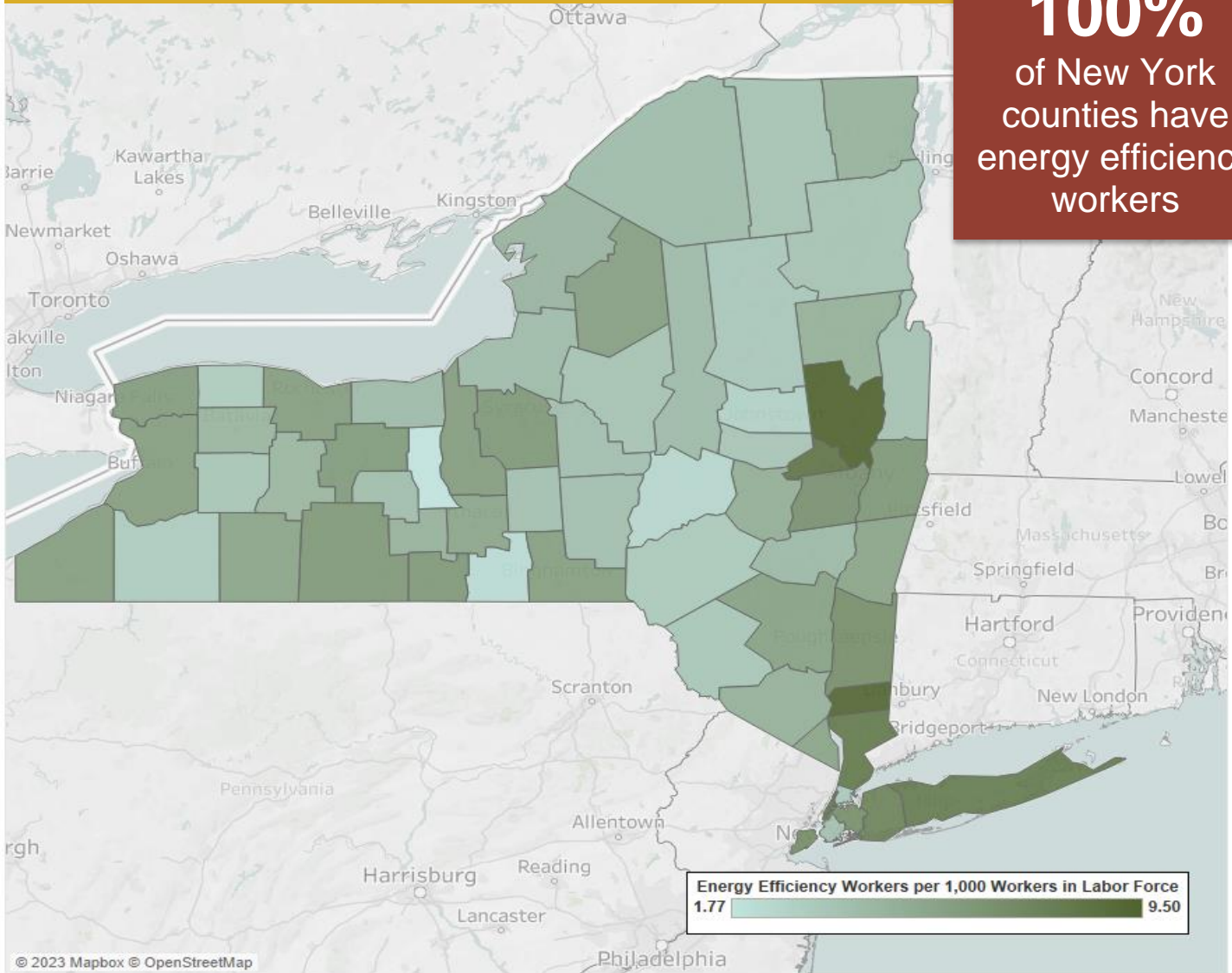


*National Association for State community Services Programs (NASOSP) [Weatherization Assistance Program Annual Funding Survey](#)
Source: E4TheFuture/BW Research retrofit analysis, July 2021, [U.S. Census Bureau QuickFacts](#) and [State and Local Planning for Energy \(SLOPE\) Platform](#)

Energy Efficiency Jobs are Everywhere

EE Jobs by County

100%
of New York
counties have
energy efficiency
workers



Metropolitan Areas			
Area	Jobs	Area	Jobs
Albany-Schenectady-Troy	6,027	New York-Northern New Jersey-Long Island	81,513
Binghamton	1,280	Poughkeepsie-Newburgh-Middletown	4,459
Buffalo-Niagara Falls	6,881	Rochester	6,568
Elmira	457	Syracuse	4,088
Glens Falls	1,449	Utica-Rome	1,453
Ithaca	904	Rural	7,569
Kingston	1,273		

Jobs by County						
County	Jobs	County	Jobs	County	Jobs	
Albany County	3,022	Herkimer County	134	Richmond County	1,844	
Allegany County	138	Jefferson County	380	Rockland County	1,476	
Bronx County	2,095	Kings County	6,442	St. Lawrence County	287	
Broome County	951	Lewis County	76	Saratoga County	1,731	
Cattaraugus County	176	Livingston County	181	Schenectady County	960	
Cayuga County	302	Madison County	166	Schoharie County	83	
Chautauqua County	557	Monroe County	4,474	Schuyler County	49	
Chemung County	428	Montgomery County	136	Seneca County	38	
Chenango County	133	Nassau County	9,442	Steuben County	451	
Clinton County	311	New York County	39,225	Suffolk County	10,640	
Columbia County	237	Niagara County	839	Sullivan County	212	
Cortland County	134	Oneida County	752	Tioga County	60	
Delaware County	97	Onondaga County	3,002	Tompkins County	506	
Dutchess County	1,493	Ontario County	649	Ulster County	674	
Erie County	5,395	Orange County	1,467	Warren County	372	
Essex County	106	Orleans County	76	Washington County	114	
Franklin County	130	Oswego County	272	Wayne County	242	
Fulton County	93	Otsego County	117	Westchester County	6,795	
Genesee County	216	Putnam County	504	Wyoming County	98	
Greene County	126	Queens County	9,612	Yates County	56	
Hamilton County	13	Rensselaer County	709	N/A	2,426	



E4TheFuture is dedicated to bringing clean, efficient energy home for every American and promotes energy solutions to advance climate protection and economic fairness. Visit www.E4TheFuture.org.



E2 is a national, nonpartisan group of business leaders, investors and others who advocate for smart policies that are good for the environment and good for the economy. Visit www.e2.org.



BW Research Partnership is a full-service, economic and workforce research consulting firm with offices in Carlsbad, California and Wrentham, Massachusetts. It is the nation's leading provider of accurate, comprehensive energy and clean energy research studies. Visit www.bwresearch.com.

Data Source: Unless otherwise stated, all data are from the U.S. Energy and Employment Report, June 2022, by the U.S. Department of Energy (see Appendix C for methodology details). This methodology -- adopted by the U.S. Dept. of Energy for its 2017 U.S. Energy and Employment Report, approved by the Office of Management and Budget and grounded on data collected by the Bureau of Labor Statistics -- provides the broadly accepted best accounting of all U.S. energy workers.

For questions on E4TheFuture analyses please email: policy@e4thefuture.org.