Vermont

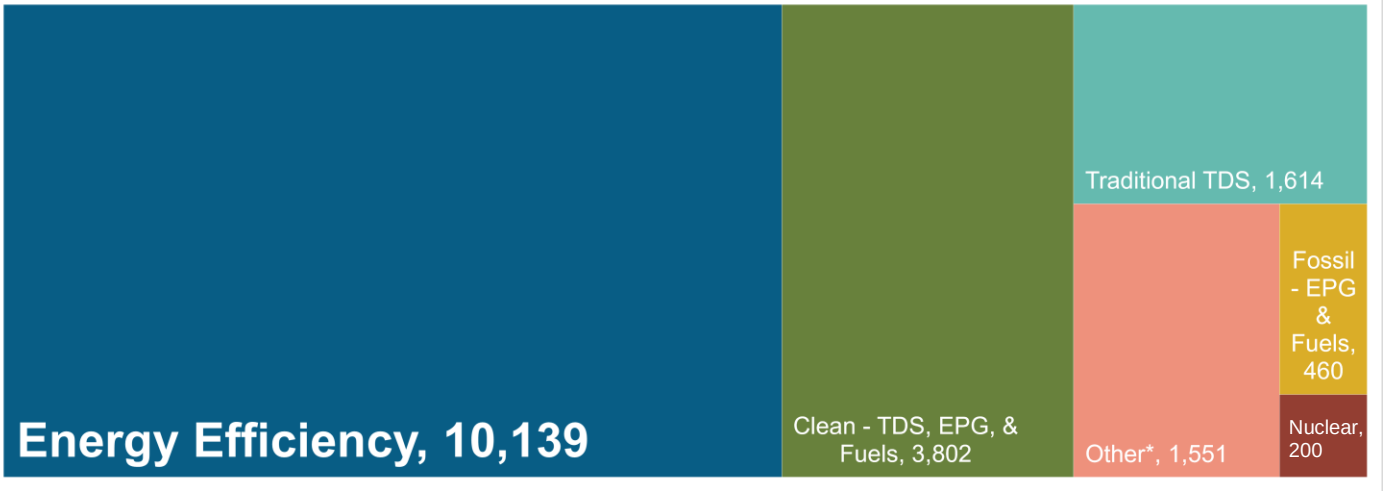
Energy Efficiency Jobs in America

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.

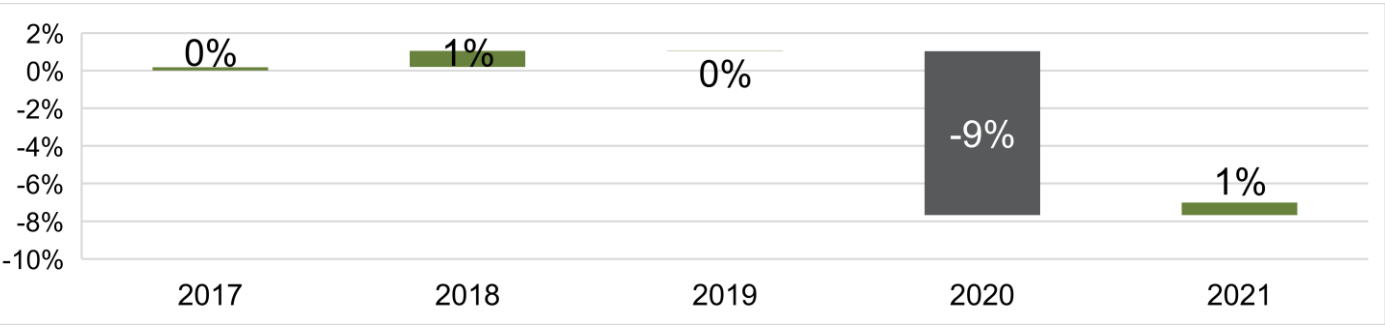
How do Vermont's energy sectors compare?

*Energy Efficiency is the **largest** energy sector in Vermont*



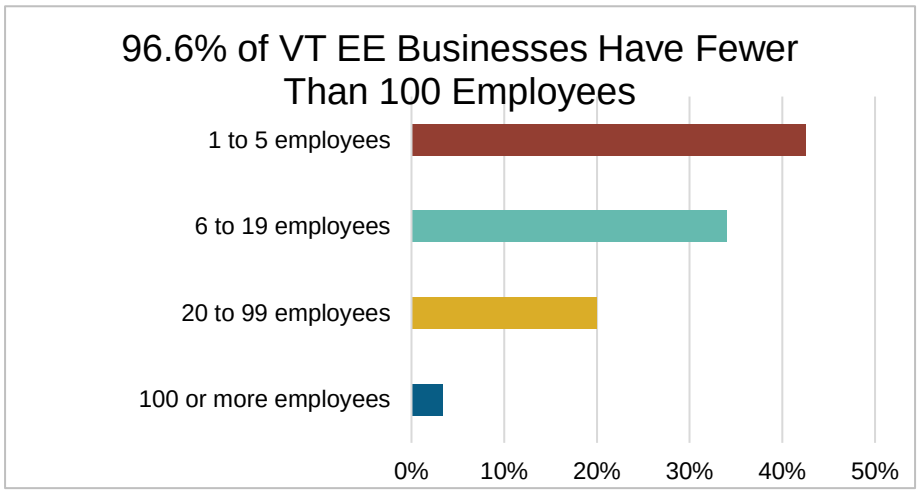
TDS = Transmission, Distribution & Storage
EPG = Electric Power Generation
Nuclear = includes EPG & Fuels
*Includes other energy subsectors such as corn ethanol, woody biomass, large hydropower, and others.

How is the EE industry growing in Vermont?



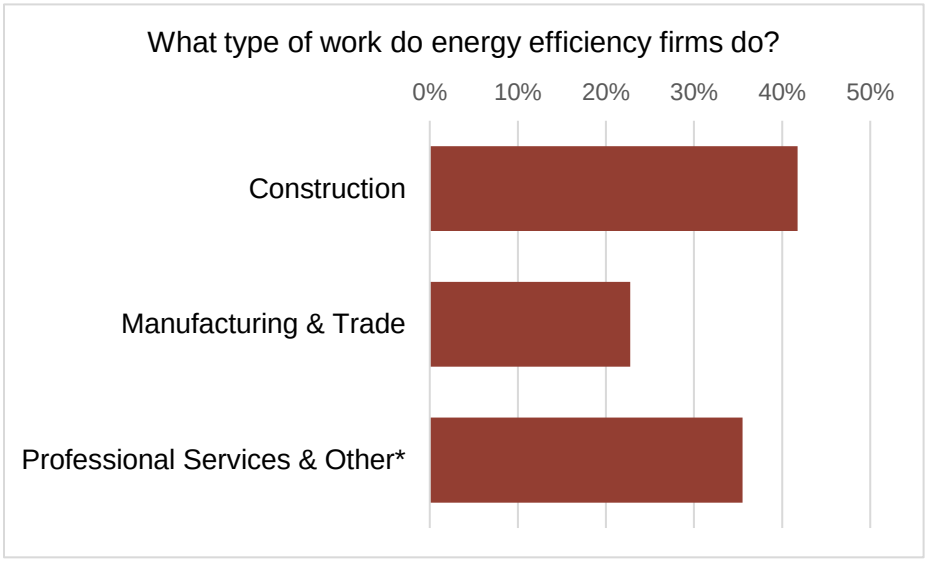
Prior to 2020, the EE sector was growing gradually each year, but suffered heavy job losses in the COVID-19 pandemic. The EE industry has made a strong recovery, but job gains have been slower than in the U.S. workforce overall. As we invest in EE, a focus on workforce development is vital to ensure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

What does EE look like in Vermont?

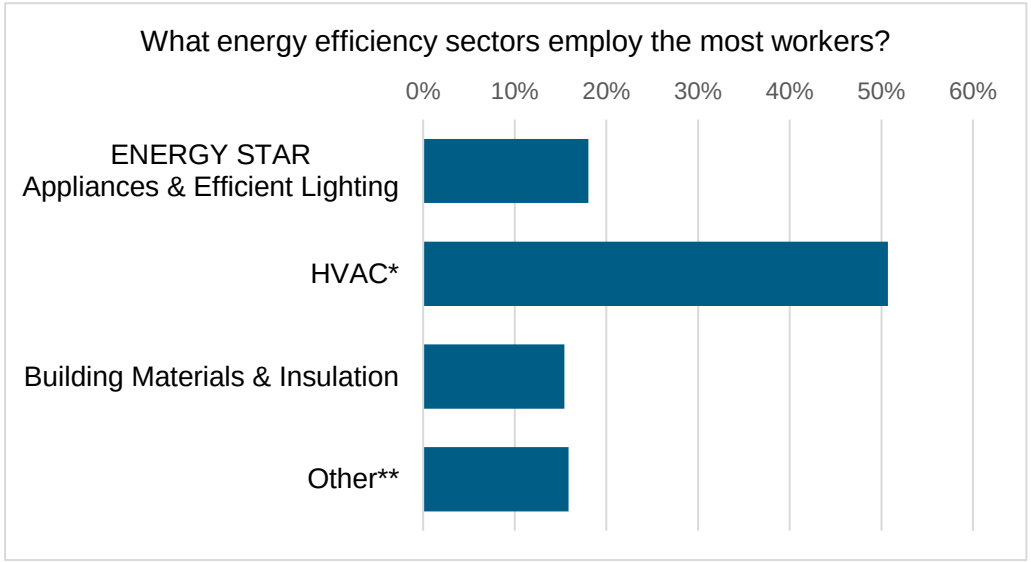


1,605
EE businesses in Vermont

EE construction workers comprise **28%** of Vermont's construction workforce



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



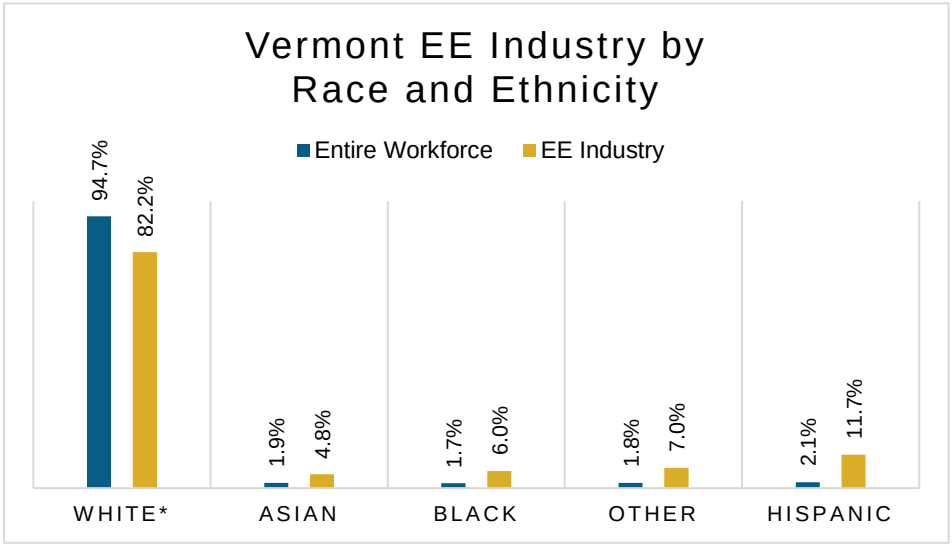
7%
of Vermont EE workers are **Veterans**

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

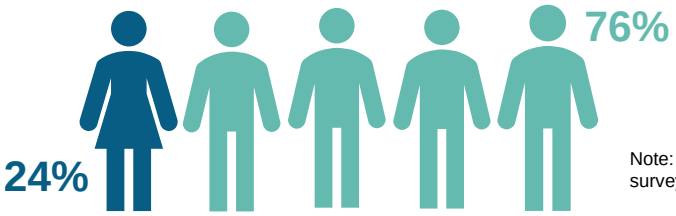
How is EE doing on diversity in Vermont?

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 Vermont 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.

Vermont's EE Potential

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

Weatherization Assistance Program:

649* units weatherized in 2018, out of **~28,000** total low-income households

256,254
Vermont homes are due for energy tune-ups

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

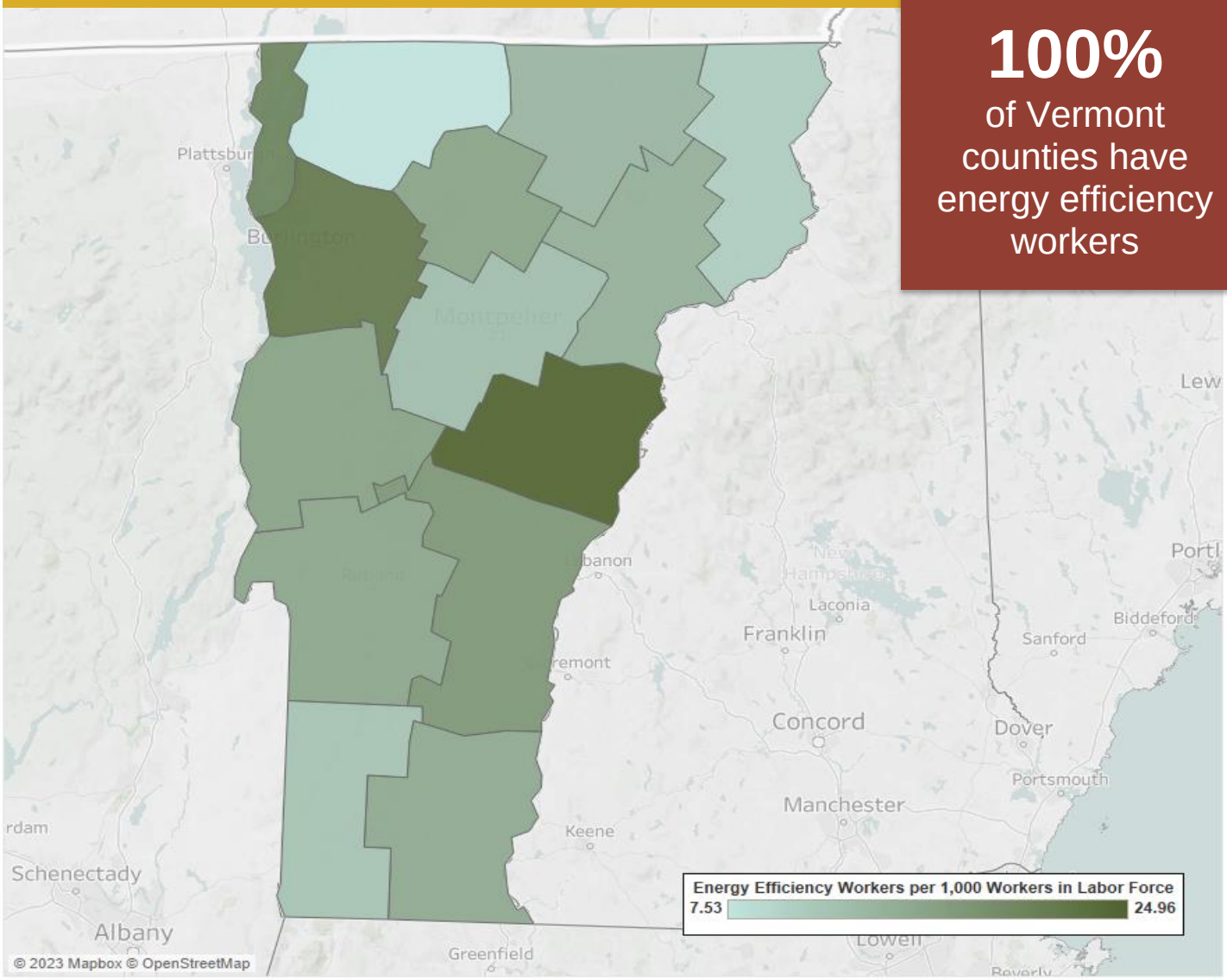
Potential to **reduce** residential electricity consumption by

18%

*National Association for State community Services Programs (NASCSP) 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 Vermont counties have energy efficiency workers

Metropolitan Areas	
Area	**Jobs**
Burlington-South Burlington	**3,368**
Rural	**6,771**

Jobs by County				
	County	Jobs	County	Jobs
	Addison County	478	Orange County	364
	Bennington County	396	Orleans County	299
	Caledonia County	304	Rutland County	787
	Chittenden County	4,464	Washington County	811
	Essex County	20	Windham County	579
	Franklin County	249	Windsor County	817
	Grand Isle County	49	N/A	154
	Lamoille County	368		

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.