

Vermont

Energy Efficiency Jobs in America

10,314
Total Jobs

What are EE jobs?

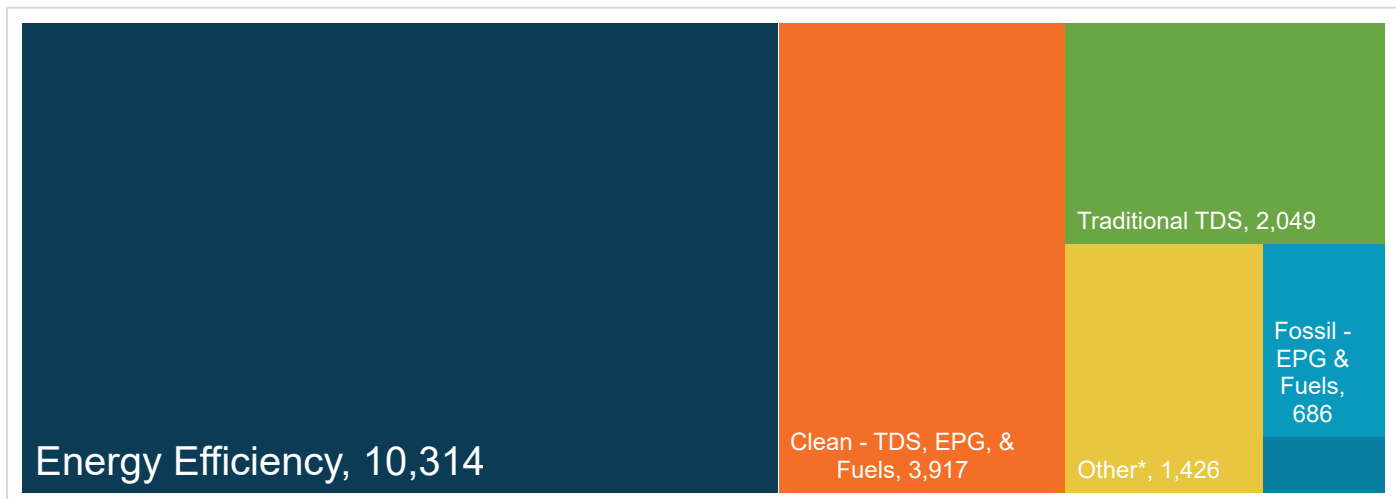
Jobs that deliver goods and services that lower energy use by improving energy efficiency with a focus on appliances, buildings, data systems, financing, new technologies, and more.

What do EE workers do?

- **Manufacture and install** high-efficiency systems, controls, windows, insulation, and ENERGY STAR-certified appliances and products in existing and new homes, commercial and industrial buildings.
- **Design and construct** high-performance buildings such as those earning nationally recognized sustainability and environmental performance ratings.
- **Upgrade and repair** heating, air conditioning, and ventilation (HVAC) and water heating equipment.
- **Educate** property owners and managers on building improvements to unlock savings for businesses, homeowners, schools, states, municipalities, military bases, and more.
- **Analyze building data** using software to maximize energy savings through targeted performance improvements and behavioral changes.
- **Review and approve loans** to finance energy savings performance contracts to improve the comfort, health, and operational costs of buildings.

How does EE compare in Vermont?

Energy efficiency is the largest energy sector in Vermont.



TDS = Transmission, Distribution & Storage

EPG = Electric Power Generation

Nuclear (EPG & Fuels) = 199

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

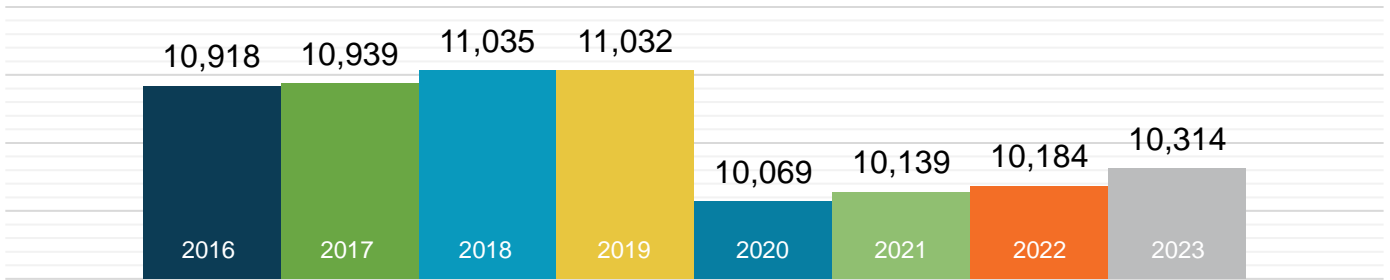
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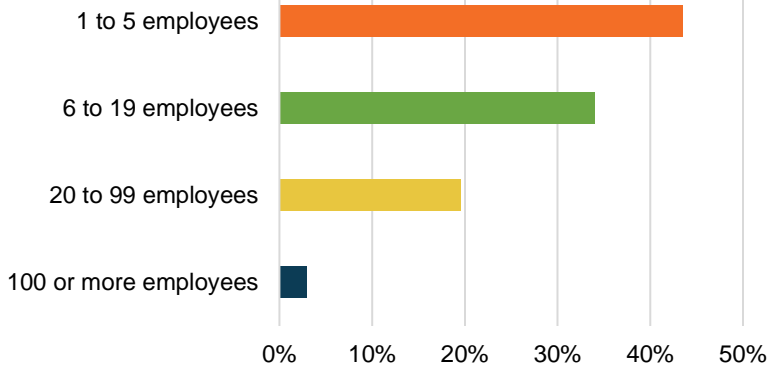
E4 THE FUTURE

What does EE look like in Vermont?

EE Workers Employed in VT



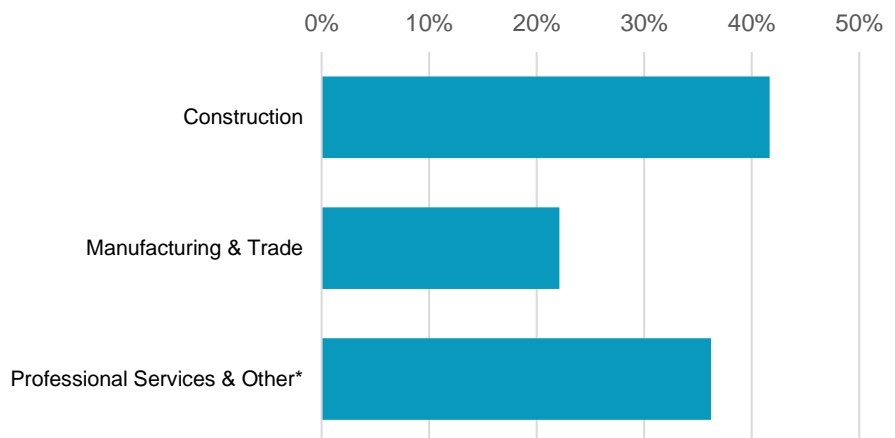
97.1% of VT EE Businesses Have Fewer Than 100 Employees



EE construction workers comprise **27%** of Vermont's construction workforce

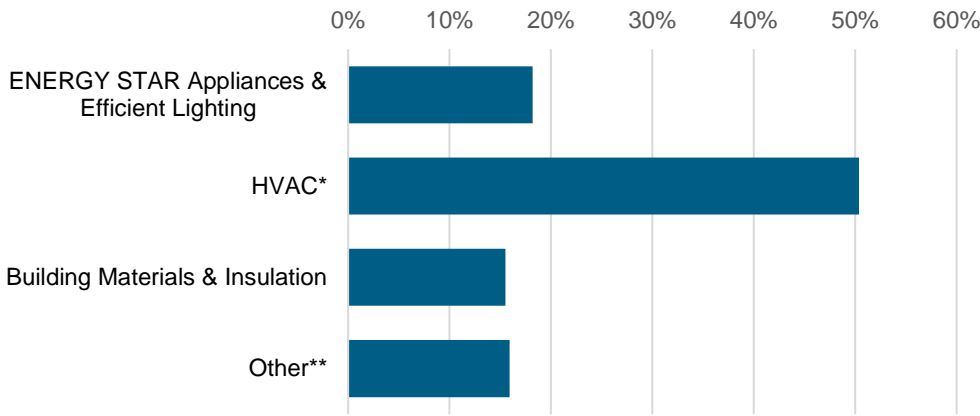


What type of work do energy efficiency firms do?



*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?



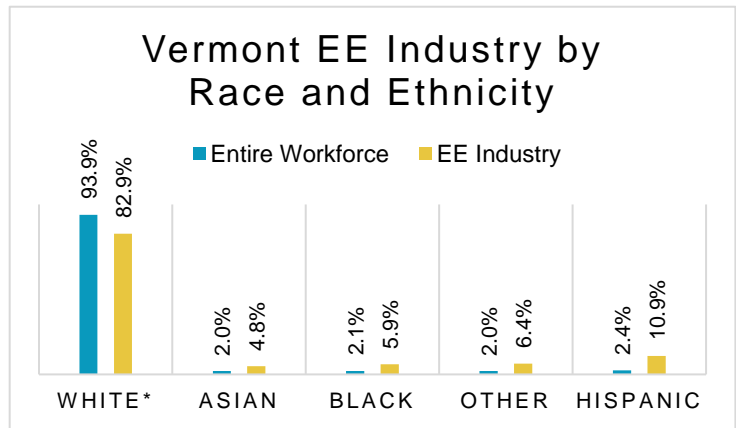
*Heating, ventilation, air conditioning of higher than standard efficiency/renewable heating & cooling
 **Other such as energy audits, building certifications, and software services



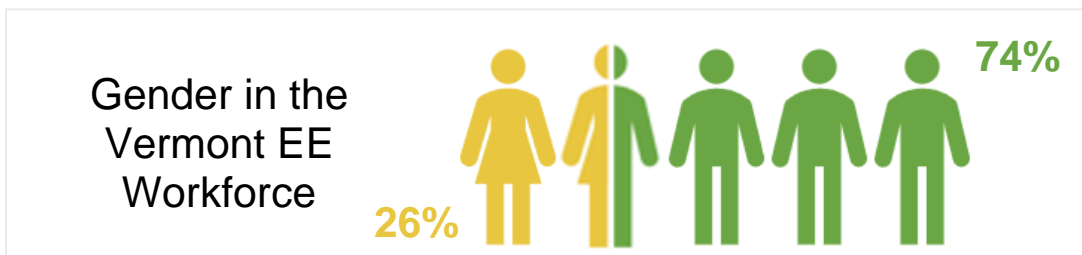
How is EE doing on diversity in Vermont?

Demographic data is critical to measure progress in expanding the diversity of the EE industry. A more inclusive industry that reflects the communities it serves is a stronger one 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 Vermont businesses.



*Includes non-Hispanic and Hispanic whites.

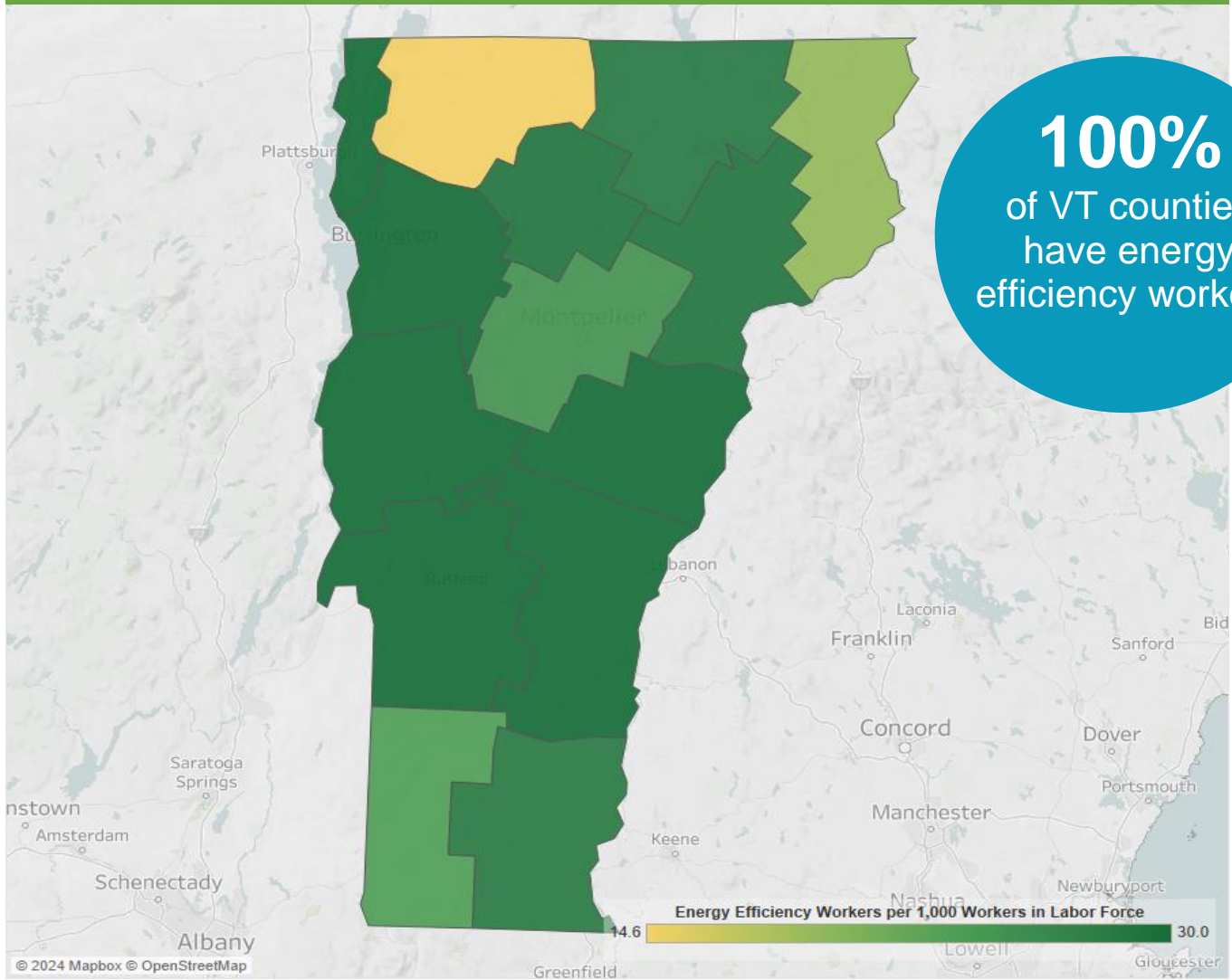


Note: The U.S. Bureau of Labor Statistics (BLS) only includes two genders in their survey. Non-binary gender data is missing from this document due to this limitation.



Energy Efficiency Jobs are Everywhere

EE Jobs by County



The energy efficiency job concentration displayed above is capped at thirty jobs per thousand in order to maintain observable differences between the majority of counties within the state. This is done to eliminate the influence outliers have on overall color gradient. For a full list of energy efficiency jobs by county, please visit the Department of Energy's (DOE) United States Energy and Employment Report (USEER) County-Level data site at <https://www.energy.gov/media/330956>.

Congressional		Metropolitan Areas	
District	Jobs	Area	Jobs
1	10,314	Burlington-South Burlington	4,835
		Rural	5,480

State Senate							
District	Jobs		District	Jobs		District	Jobs
ADD	735		CHI	2,278		ORA	317
BEN	623		E-O	518		RUT	922
CAL	792		FRA	507		WAS	946
CGI	843		LAM	323		WDM	710
						WSR	801

State House of Representatives							
District	Jobs		District	Jobs		District	Jobs
A-1	148		C71	481		LM2	243
A-2	95		C81	268		LMW	12
A-3	149		C83	20		O-1	173
A-4	236		C91	<10		O-2	82
A-R	104		CA1	182		O-C	78
B-1	198		CA2	60		O-L	19
B-3	119		CA4	115		OLC	34
B-4	103		CAW	107		OR1	392
B-R	162		E-C	49		OR2	15
C-1	117		ECO	83		OWA	135
C10	156		F-1	245		R-1	102
C-2	455		F-2	37		R-2	54
C-3	97		F-4	149		R-3	18
C41	72		F-5	30		R-4	413
C51	94		F-6	70		R-6	52
C61	60		F-7	11		R-B	59
C62	580		GIC	97		R-W	190
C67	358		LM1	112		RW2	132
						W-1	305
						W-3	292
						W-5	56
						W-6	32
						WA1	323
						WA5	49
						WA6	<10
						WA7	685
						WAC	191
						WBW	63
						WIB	51
						Y-1	227
						Y-2	158
						Y31	23
						Y41	26
						YO2	85
						Y-R	113





The Building Performance Association (BPA) is a 501(c) 6 nonprofit industry association that serves as the hub for businesses, nonprofits, and government agencies working to make America's homes more comfortable, healthy, and energy efficient. Our mission is to transform the market for the home performance industry through advocacy, education, professional development, and networking. [Visit www.building-performance.org](http://www.building-performance.org).



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.



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, August 2024, by the U.S. Department of Energy (see Appendix B 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 BPA analyses please email: communications@building-performance.org

