

# Tennessee

## Energy Efficiency Jobs in America

**53,319**  
Total Jobs

### What are EE jobs?

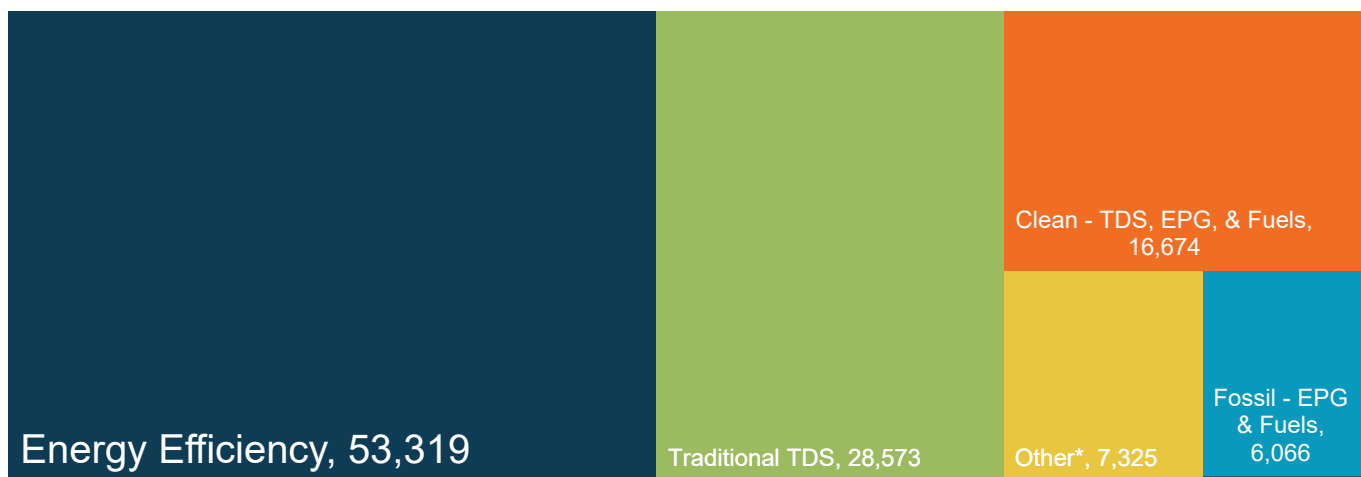
*Jobs that reduce energy use by improving efficiency in appliances, buildings, data systems, financing, new technologies, and more.*

### 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, as well as 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 to other energy sectors in Tennessee?

*Energy efficiency is the largest energy sector in Tennessee.*



TDS = Transmission, Distribution, & Storage

EPG = Electric Power Generation

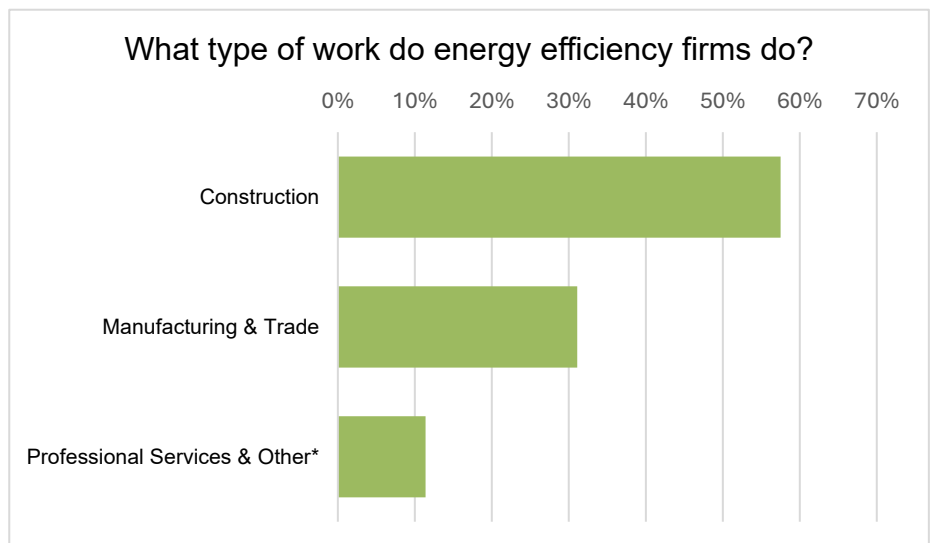
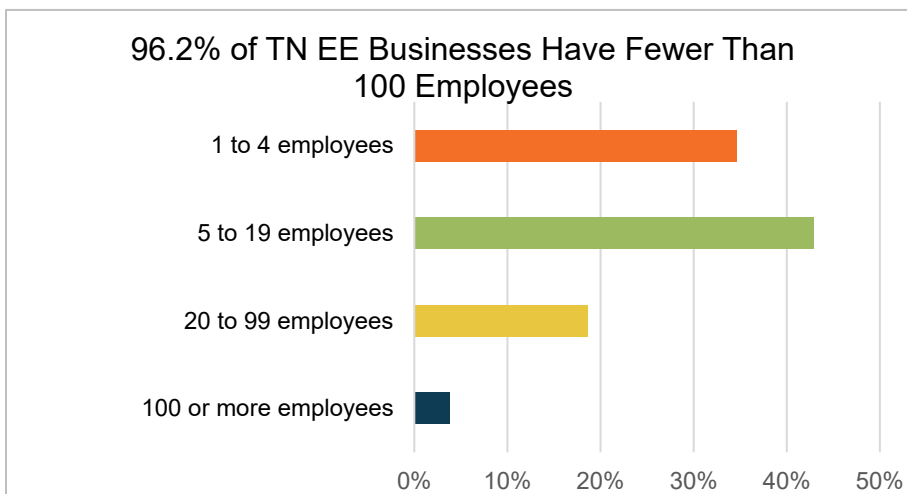
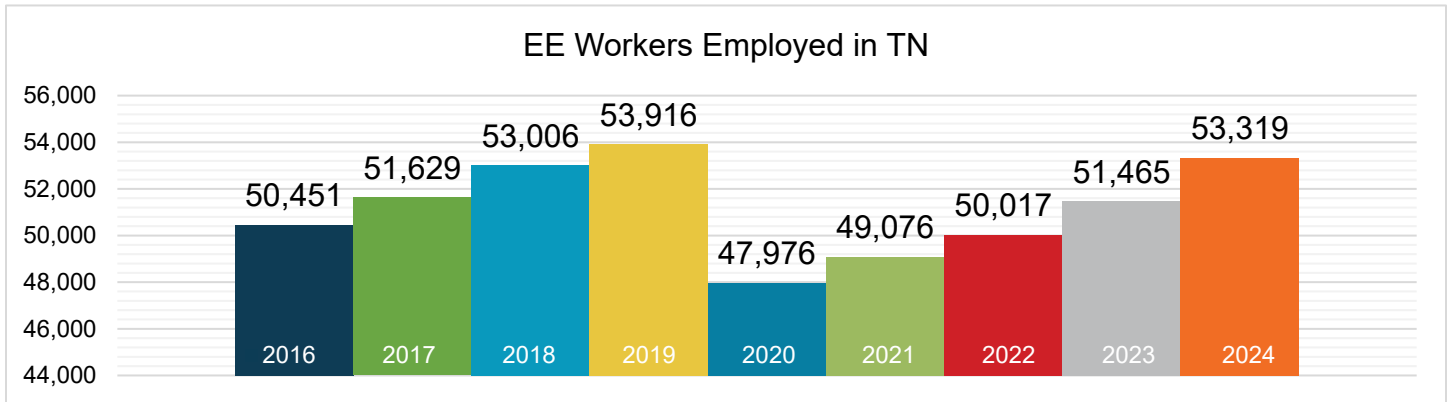
\*\*Nuclear - EPG & Fuels = 148

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

Presented by:

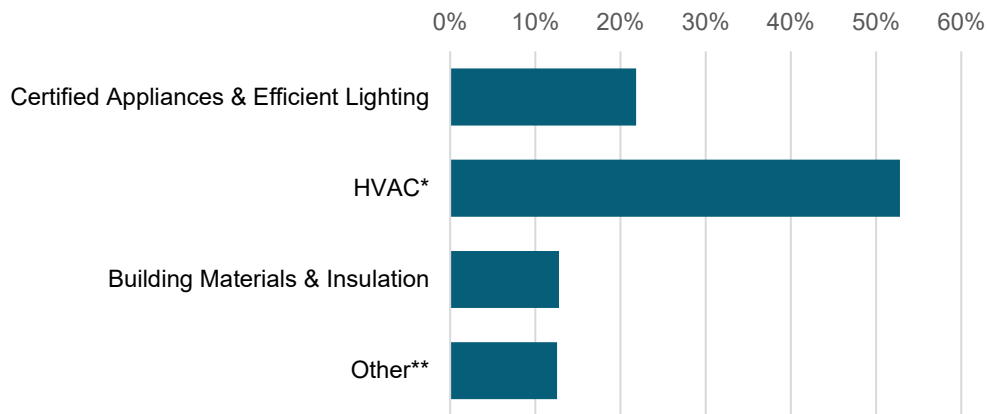


## What does EE look like in Tennessee?



\*Professional services include finance, accounting, architecture, engineering, research and development, and more. The "other" category includes roles in maintenance, business operations, and nonprofit organizations.

### What energy efficiency sectors employ the most workers?



Certified Appliances = ENERGY STAR-certified appliances

\*Heating, ventilation, air conditioning of higher than standard efficiency/renewable heating and cooling

\*\*Other includes energy audits, building certifications, and software services

**8%**  
of Tennessee  
EE workers are  
**veterans**

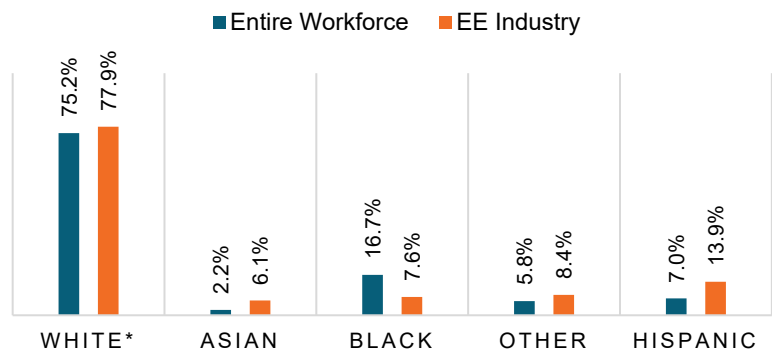


## How representative is the EE workforce in Tennessee?

*Demographic data is critical to measure progress towards a more representative EE workforce. Tracking this data helps show how well Tennessee's EE workforce reflects the communities it serves and where gaps remain.*

Expanded training programs in Tennessee can help ensure energy efficiency careers are accessible to all.

### Tennessee EE Industry by Race and Ethnicity



\*Includes non-Hispanic and Hispanic whites.

### Gender in the Tennessee EE Workforce

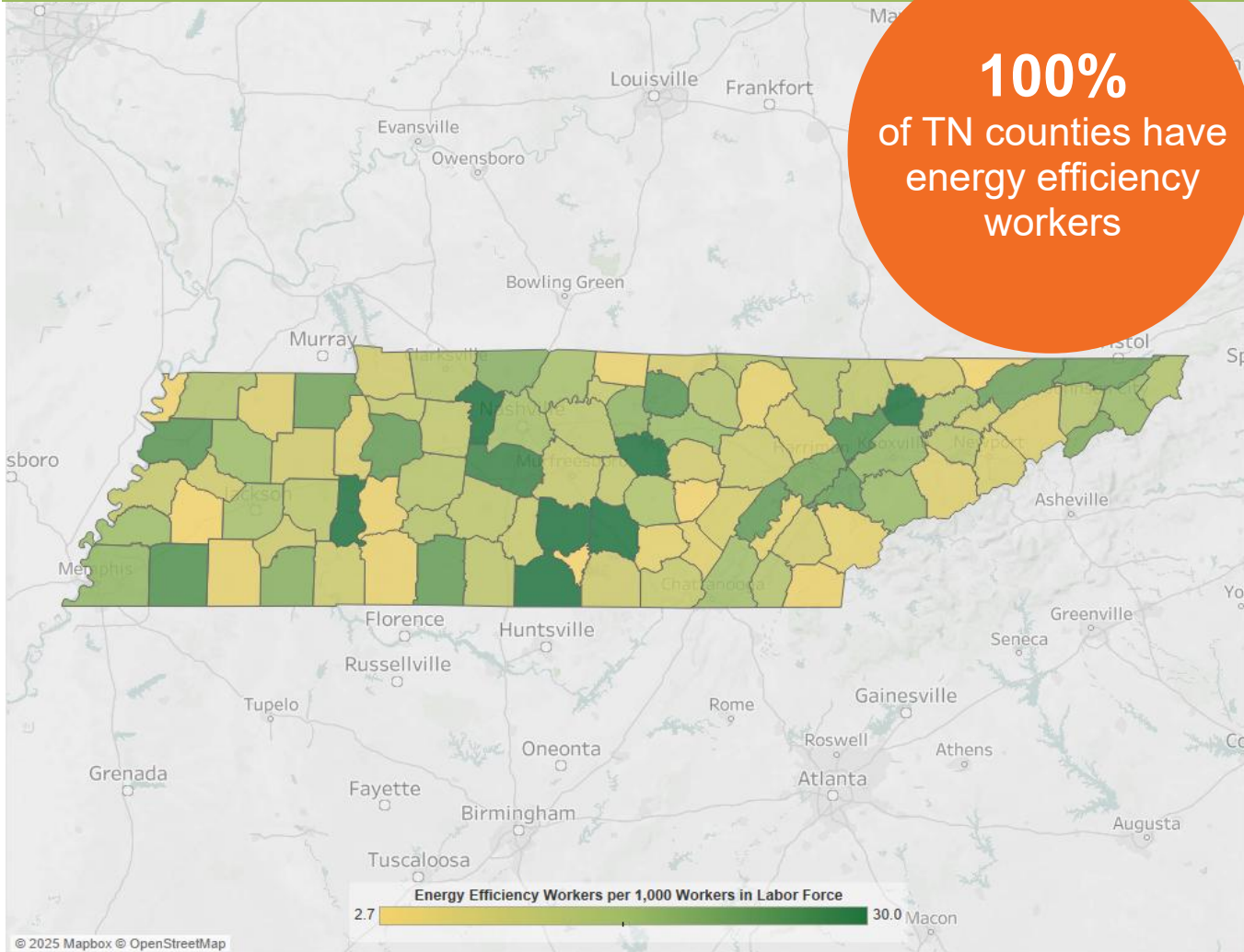


Note: The U.S. Bureau of Labor Statistics (BLS) only includes two genders in their survey. Nonbinary gender data is missing from this document due to this limitation.



# 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/348937>.

Congressional				Metropolitan Areas			
District	Jobs		District	Jobs		Area	Jobs
1	4,147		7	6,016		Chattanooga	3,688
2	6,568		8	4,734		Clarksville	854
3	6,145		9	7,239		Cleveland	552
4	5,000					Jackson	1,019
5	8,690					Johnson City	1,135
6	4,779					Kingsport-Bristol-Bristol	1,796
						Knoxville	7,979
						Memphis	9,042
						Morristown	479
						Nashville-Davidson-Murfreesboro-Franklin	17,897
						Rural	8,877



State Senate										
District	Jobs		District	Jobs		District	Jobs		District	Jobs
1	986		10	1,641		19	2,711		28	1,250
2	1,096		11	2,157		20	2,694		29	1,574
3	1,121		12	787		21	2,536		30	2,041
4	1,835		13	1,136		22	873		31	1,928
5	2,294		14	1,360		23	1,240		32	1,578
6	2,326		15	1,071		24	916		33	1,975
7	1,727		16	2,023		25	1,669			
8	858		17	1,649		26	800			
9	673		18	1,025		27	3,766			

State House of Representatives										
District	Jobs		District	Jobs		District	Jobs		District	Jobs
1	794		26	650		51	635		76	366
2	561		27	780		52	628		77	586
3	336		28	857		53	1,023		78	446
4	266		29	580		54	1,213		79	280
5	183		30	789		55	1,205		80	426
6	363		31	328		56	1,281		81	204
7	490		32	600		57	390		82	223
8	519		33	1,034		58	547		83	635
9	289		34	348		59	391		84	595
10	337		35	380		60	1,045		85	391
11	120		36	332		61	1,738		86	771
12	204		37	314		62	1,275		87	751
13	224		38	154		63	434		88	729
14	676		39	203		64	449		89	526
15	847		40	479		65	1,300		90	640
16	934		41	239		66	469		91	871
17	319		42	634		67	251		92	857
18	903		43	248		68	251		93	549
19	288		44	240		69	234		94	320
20	481		45	404		70	353		95	498
21	256		46	464		71	268		96	963
22	215		47	807		72	275		97	649
23	167		48	476		73	599		98	810
24	360		49	306		74	213		99	614
25	237	50	767	75	371					





The Building Performance Association (BPA) is a nonprofit industry association that serves as the hub for businesses, nonprofits, and government agencies working to make America's homes more energy-efficient, comfortable, healthy, and safe. Visit [www.building-performance.org](http://www.building-performance.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](http://www.bwresearch.com).

Data Source: Unless otherwise stated, all data are from the August 2025 U.S. Energy and Employment Report, 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](mailto:communications@building-performance.org).

