

Texas

Energy Efficiency Jobs in America

182,506
Total Jobs

What are EE jobs?

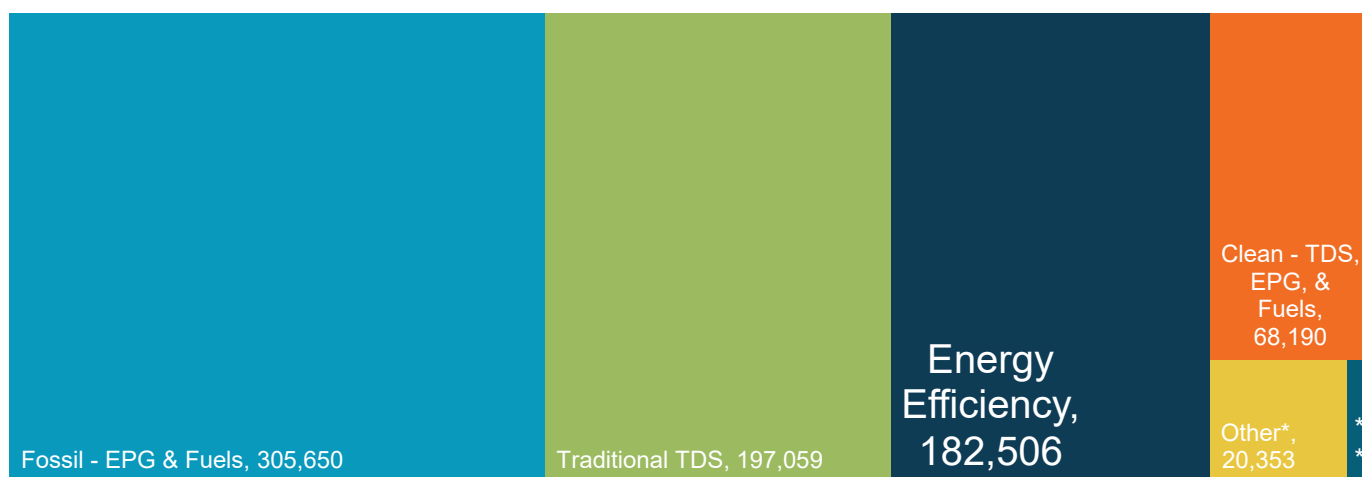
Jobs that reduce energy use by improving efficiency in appliances, buildings, data systems, financing, new technologies, and more.

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 Texas?

Energy efficiency is the third largest energy sector in Texas.



TDS = Transmission, Distribution, & Storage

EPG = Electric Power Generation

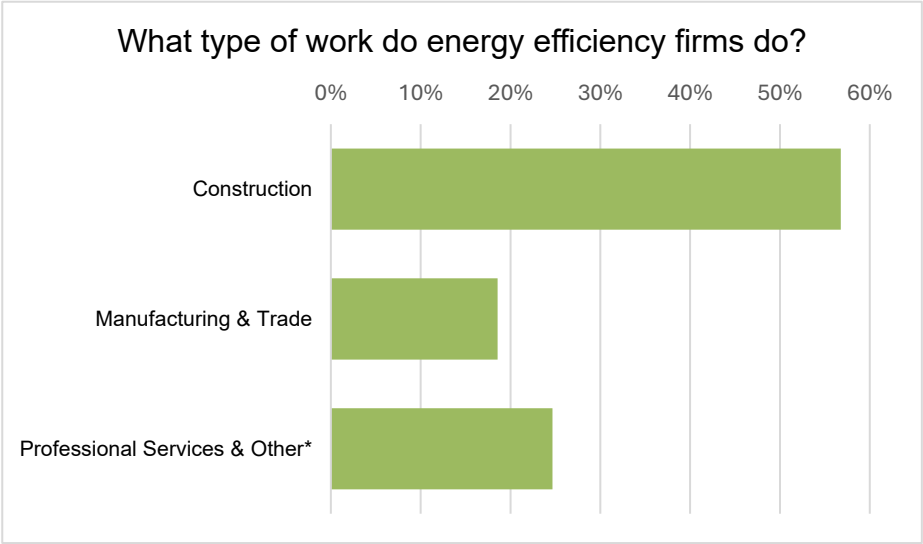
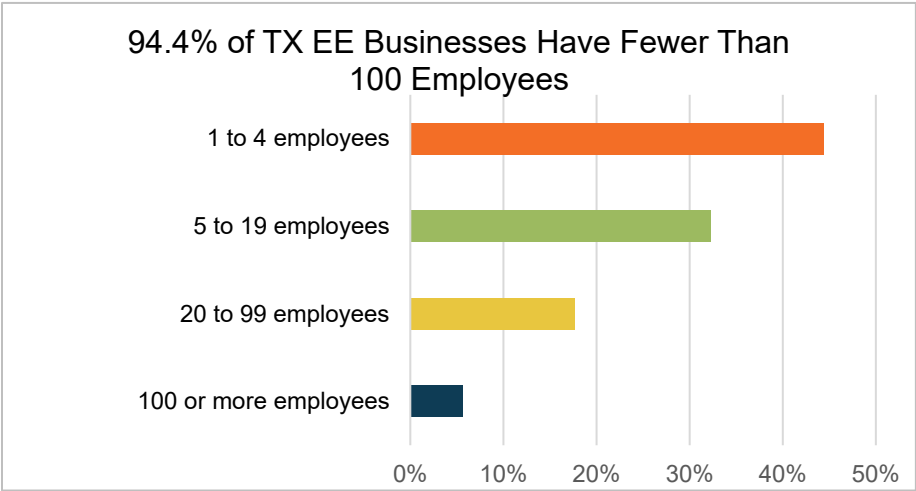
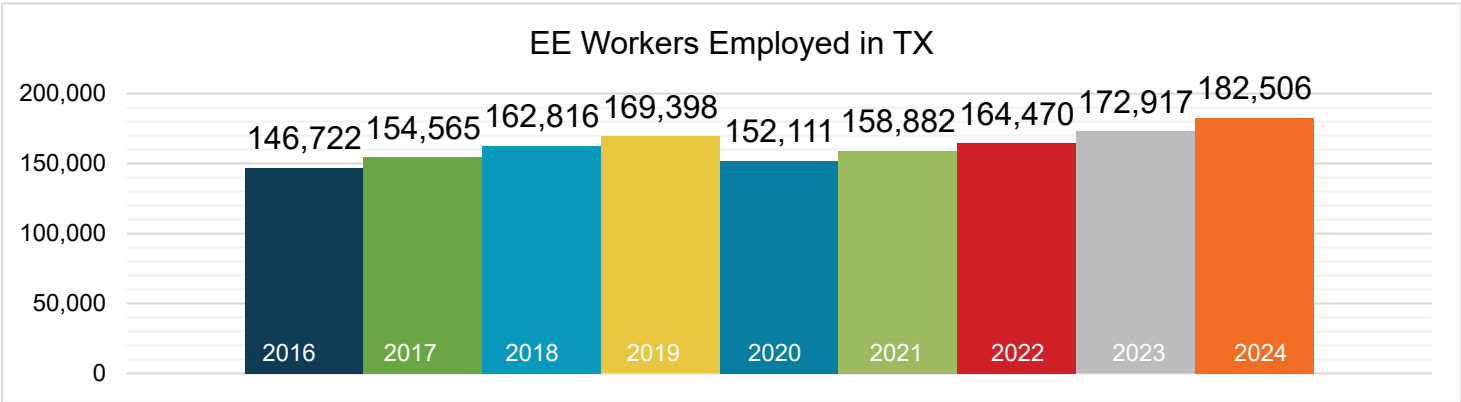
**Nuclear - EPG & Fuels = 3,827

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

Presented by:



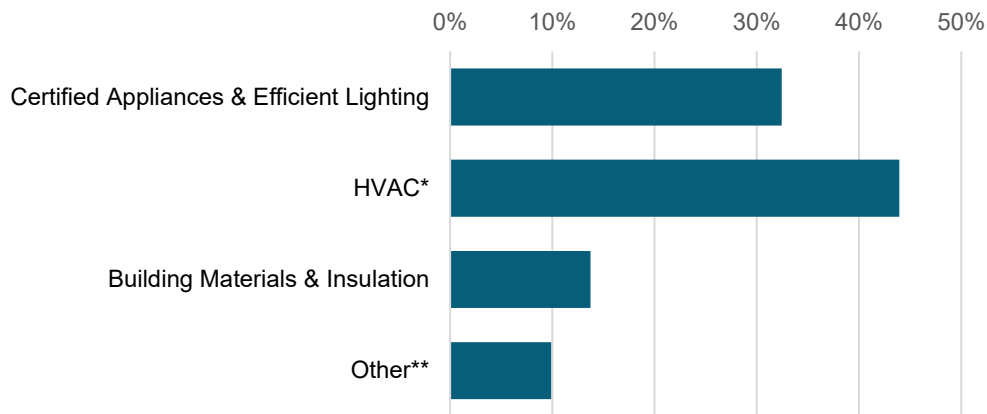
What does EE look like in Texas?



*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 Texas
EE workers are
veterans

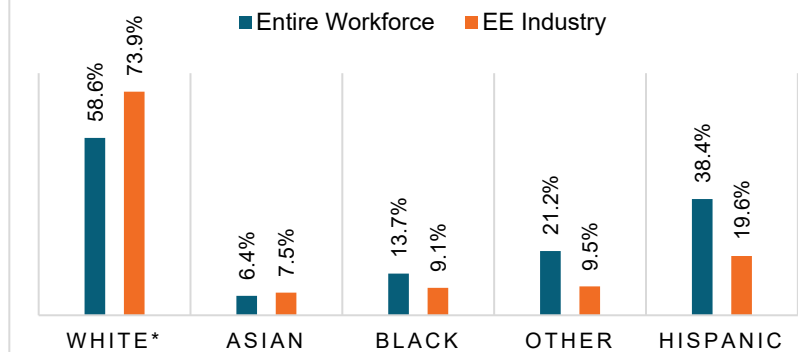


How representative is the EE workforce in Texas?

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

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

Texas EE Industry by Race and Ethnicity



*Includes non-Hispanic and Hispanic whites.

Gender in the Texas EE Workforce

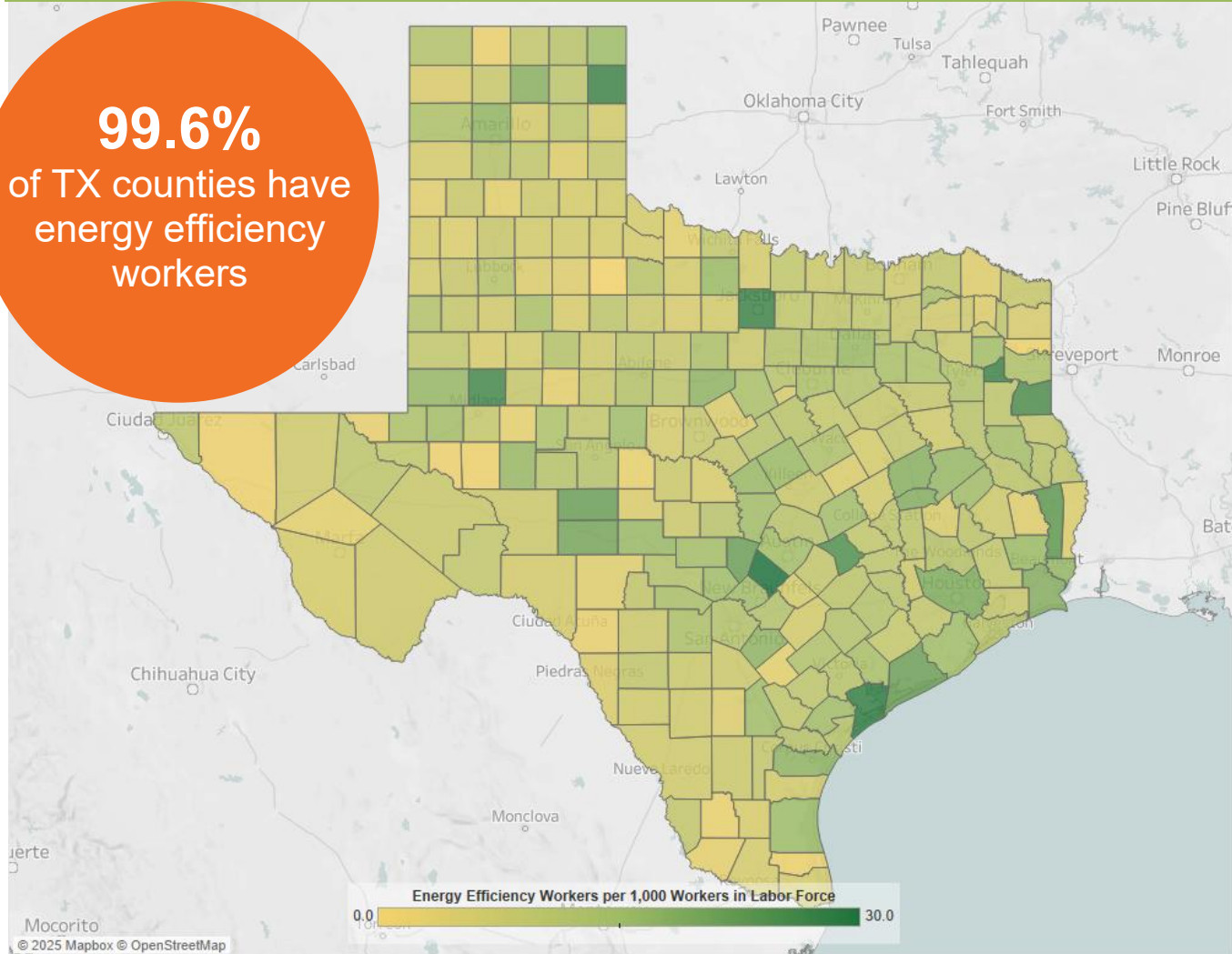


Note: The U.S. Bureau of Labor Statistics (BLS) only includes two genders in their survey. Nonbinary gender data is missing from this document due to this limitation.



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>.

Metropolitan Areas

Area	Jobs	Area	Jobs
Abilene	839	Lubbock	1,700
Amarillo	1,777	McAllen-Edinburg-Mission	1,718
Austin-Round Rock	19,091	Midland	1,098
Beaumont-Port Arthur	2,904	Odessa	1,124
Brownsville-Harlingen	855	San Angelo	564
College Station-Bryan	1,343	San Antonio-New Braunfels	13,330
Corpus Christi	3,102	Sherman-Denison	463
Dallas-Fort Worth-Arlington	52,361	Texarkana	339
El Paso	3,358	Tyler	1,386
Houston-The Woodlands-Sugar Land	54,297	Victoria	421
Killeen-Temple	1,324	Waco	1,558
Laredo	708	Wichita Falls	511
Longview	2,228	Rural	14,107



State Senate

District	Jobs	District	Jobs	District	Jobs	District	Jobs
1	5,188	9	5,331	17	5,145	25	5,730
2	6,352	10	5,521	18	5,045	26	5,117
3	4,377	11	5,795	19	4,462	27	2,176
4	5,825	12	6,084	20	3,869	28	3,951
5	3,738	13	8,423	21	5,421	29	3,604
6	9,862	14	10,737	22	4,947	30	3,400
7	9,144	15	8,920	23	9,169	31	5,273
8	4,608	16	11,936	24	3,359		

State House of Representatives

District	Jobs	District	Jobs	District	Jobs	District	Jobs
1	648	39	466	77	648	115	2,297
2	523	40	361	78	1,043	116	1,056
3	718	41	237	79	756	117	928
4	707	42	526	80	488	118	898
5	612	43	976	81	1,265	119	1,416
6	1,132	44	628	82	1,145	120	934
7	2,305	45	2,768	83	926	121	944
8	493	46	2,545	84	956	122	1,116
9	661	47	2,549	85	678	123	1,227
10	759	48	1,740	86	592	124	1,412
11	761	49	3,016	87	1,686	125	1,179
12	514	50	1,381	88	618	126	1,568
13	635	51	1,878	89	1,281	127	1,896
14	1,288	52	725	90	1,480	128	2,022
15	949	53	646	91	1,254	129	1,129
16	887	54	374	92	1,126	130	1,484
17	598	55	659	93	1,039	131	1,449
18	485	56	1,309	94	865	132	2,853
19	1,091	57	546	95	1,385	133	1,808
20	1,097	58	801	96	1,184	134	2,146
21	1,146	59	723	97	1,250	135	2,378
22	1,834	60	600	98	1,166	136	777
23	700	61	1,341	99	1,050	137	2,035
24	808	62	572	100	1,771	138	1,049
25	830	63	641	101	708	139	2,524
26	554	64	554	102	2,418	140	1,587
27	605	65	698	103	2,040	141	1,942
28	735	66	836	104	2,528	142	2,173
29	1,042	67	716	105	2,107	143	2,160
30	909	68	644	106	722	144	2,654
31	381	69	601	107	2,537	145	1,933
32	1,354	70	836	108	1,740	146	2,302
33	614	71	907	109	2,024	147	1,568
34	1,569	72	792	110	2,553	148	2,151
35	357	73	1,667	111	1,390	149	1,568
36	480	74	338	112	1,768	150	2,216
37	301	75	985	113	1,745		
38	434	76	478	114	2,222		



Congressional			
District	Jobs	District	Jobs
1	4,795	20	4,549
2	5,226	21	4,409
3	3,926	22	2,996
4	2,596	23	2,897
5	5,678	24	5,401
6	5,104	25	3,633
7	5,769	26	2,569
8	6,233	27	4,506
9	6,479	28	2,707
10	4,084	29	8,510
11	3,680	30	8,127
12	4,363	31	3,195
13	3,541	32	7,703
14	4,065	33	6,596
15	2,314	34	1,449
16	3,184	35	7,190
17	4,345	36	5,624
18	7,505	37	7,620
19	3,462	38	6,475



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.



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 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.

