

Texas

Energy Efficiency Jobs in America

172,917
Total Jobs

What are EE jobs?

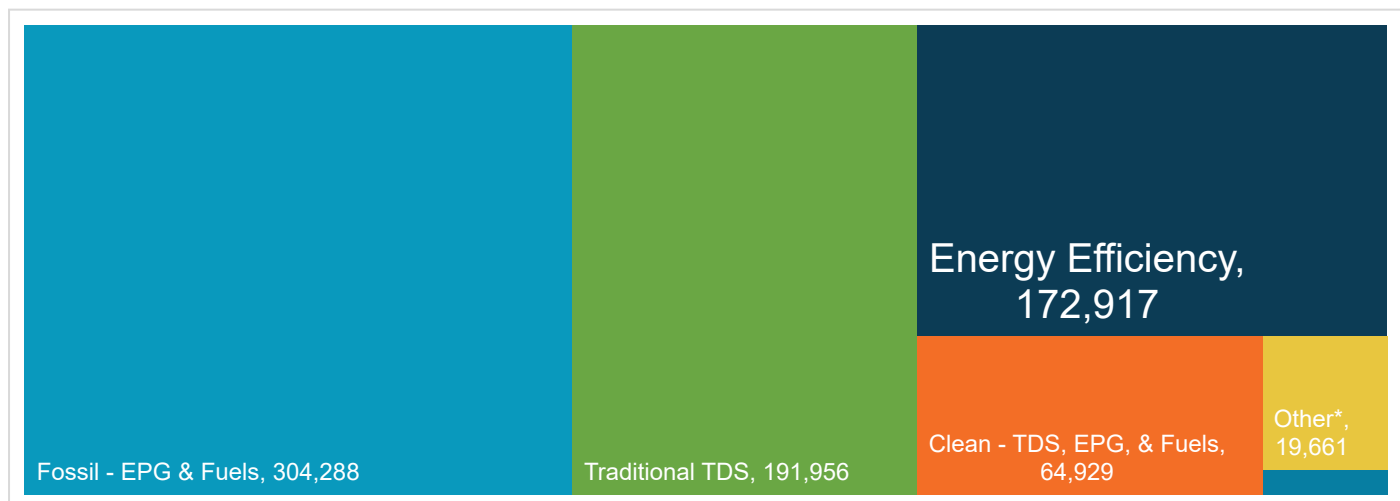
Jobs that deliver goods and services that lower energy use by improving energy efficiency with a focus on appliances, buildings, data systems, financing, new technologies, and more.

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 Texas?

Energy efficiency is the third largest energy sector in Texas.



TDS = Transmission, Distribution & Storage

EPG = Electric Power Generation

Nuclear (EPG & Fuels) = 3,719

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

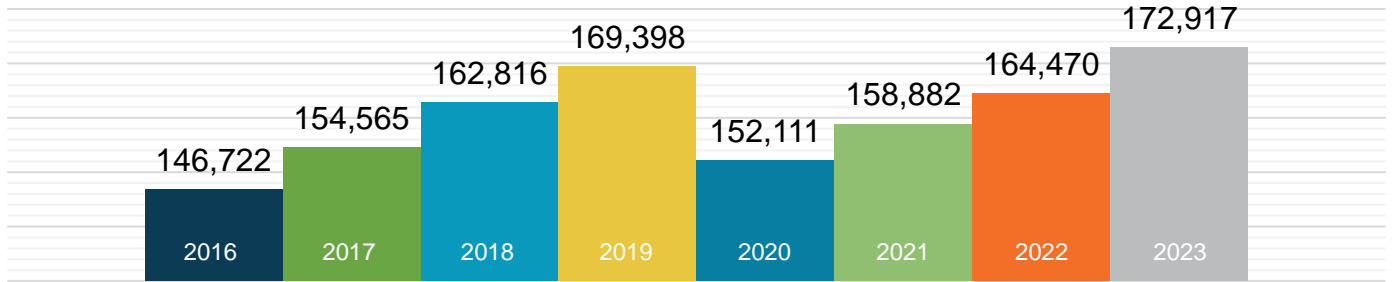
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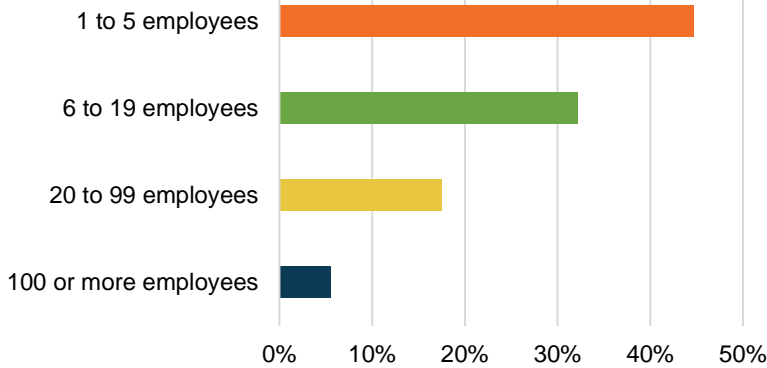
E4 THE FUTURE

What does EE look like in Texas?

EE Workers Employed in TX



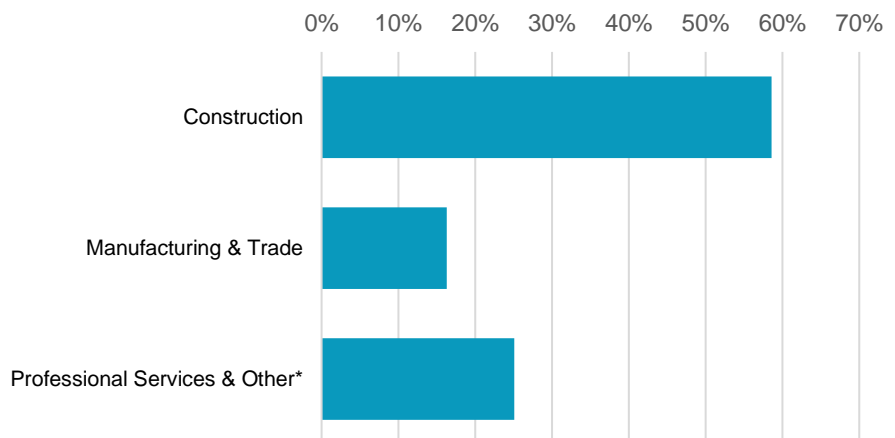
94.4% of TX EE Businesses Have Fewer Than 100 Employees



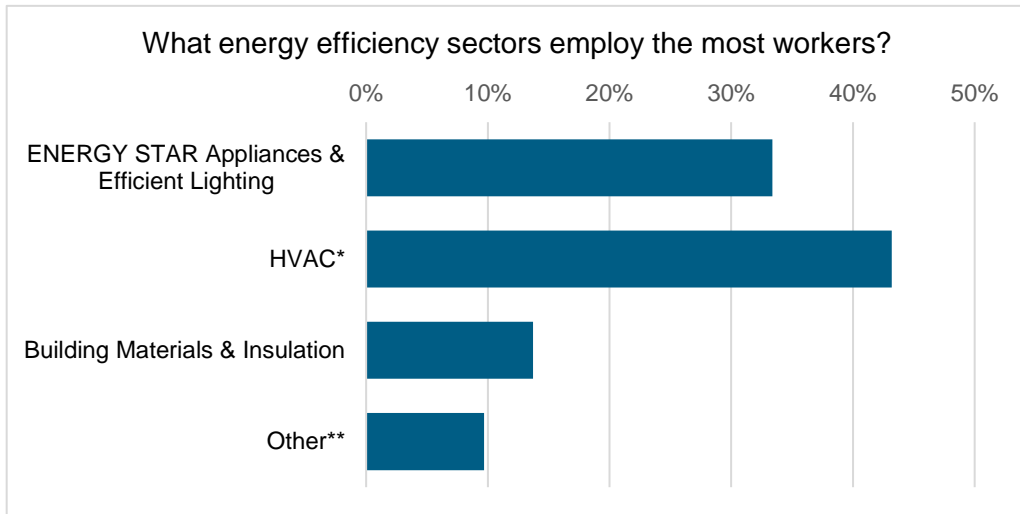
EE construction workers comprise **12%** of Texas's construction workforce



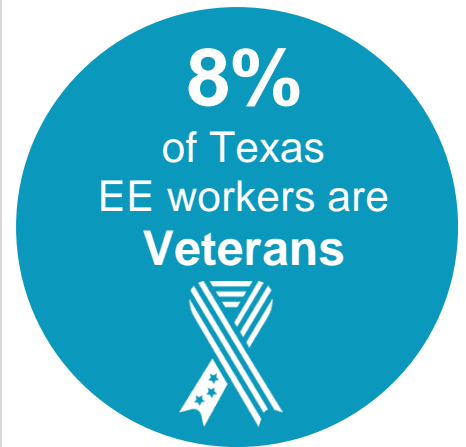
What type of work do energy efficiency firms do?



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



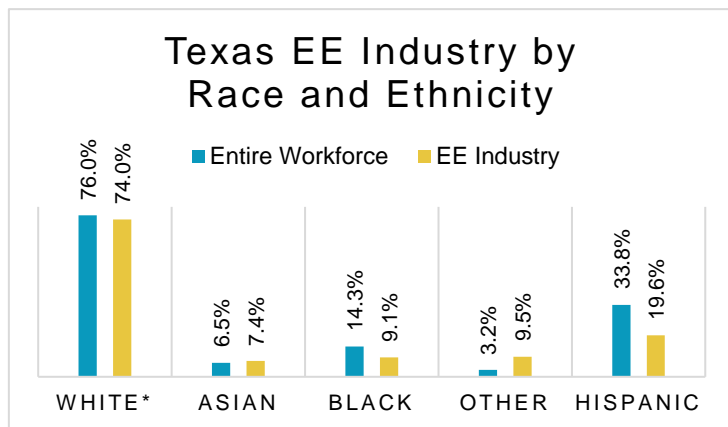
*Heating, ventilation, air conditioning of higher than standard efficiency/renewable heating & cooling
 **Other such as energy audits, building certifications, and software services



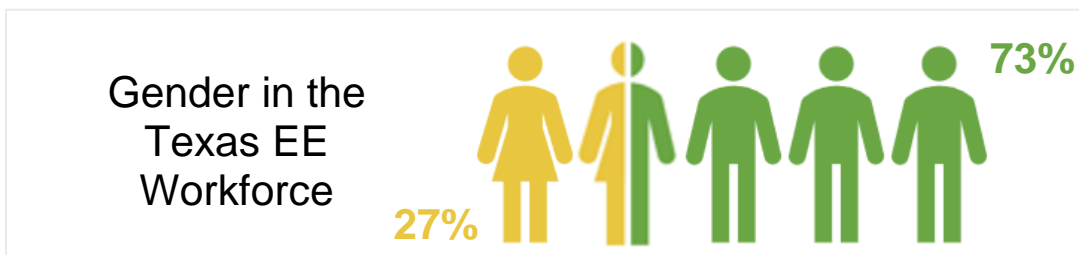
How is EE doing on diversity in Texas?

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 Texas 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 Texas businesses.



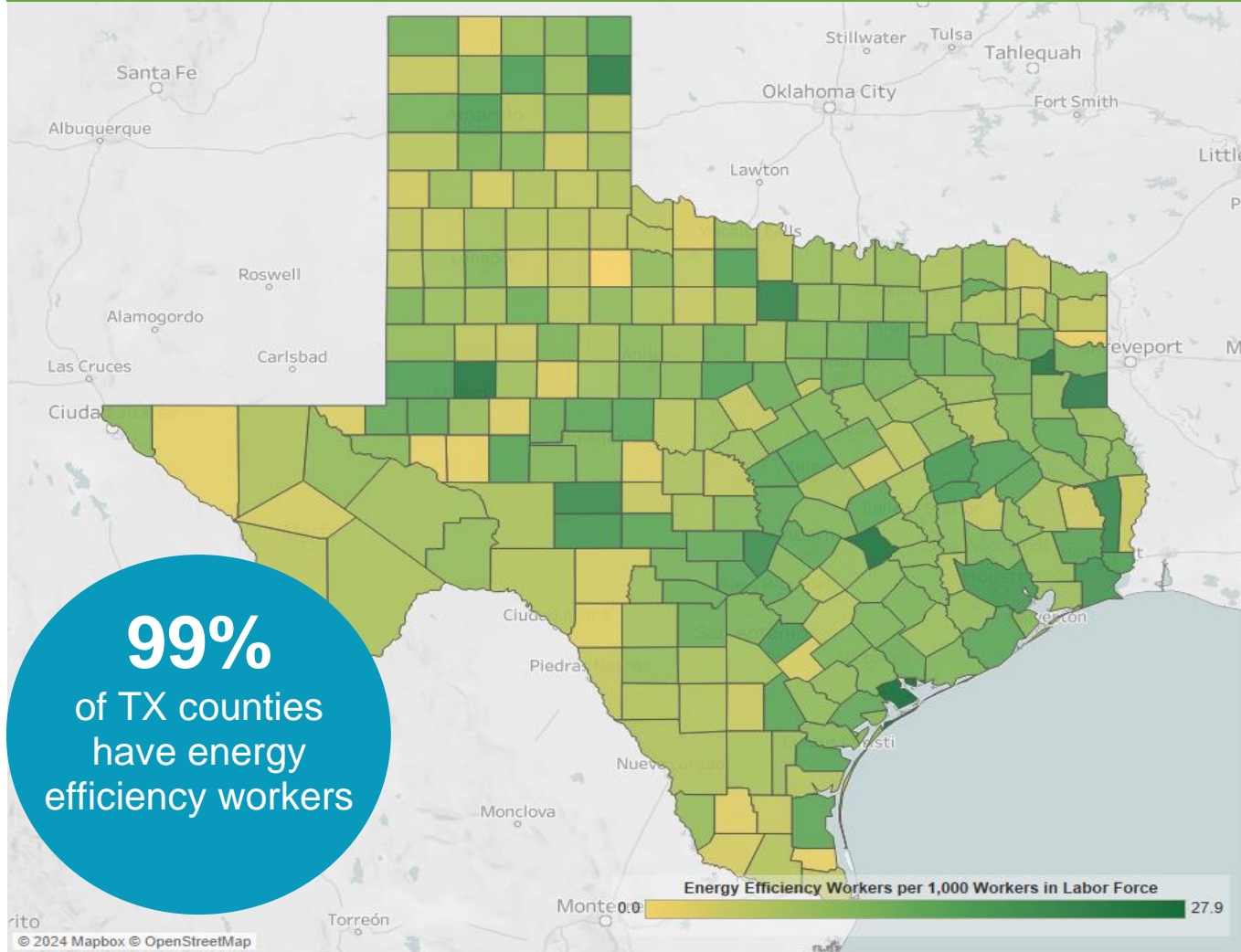
*Includes non-Hispanic and Hispanic whites.



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



Metropolitan Areas

Area	Jobs	Area	Jobs
Abilene	810	Lubbock	1,642
Amarillo	1,714	McAllen-Edinburg-Mission	1,661
Austin-Round Rock	16,308	Midland	1,062
Baumont-Port Arthur	2,809	Odessa	1,085
Brownsville-Harlingen	820	San Angelo	545
College Station-Bryan	1,293	San Antonio-New Braunfels	12,817
Corpus Christi	2,753	Sherman-Denison	448
Dallas-Fort Worth-Arlington	50,534	Texarkana	327
El Paso	3,205	Tyler	1,339
Houston-The Woodlands-Sugar Land	51,698	Victoria	407
Killeen-Temple	1,280	Waco	1,506
Laredo	685	Wichita Falls	494
Longview	2,153	Rural	13,521

State Senate

District	Jobs	District	Jobs	District	Jobs	District	Jobs
1	5,874	9	7,470	17	5,193	25	7,496
2	5,674	10	5,110	18	4,244	26	1,678
3	5,044	11	3,569	19	6,533	27	1,662
4	7,294	12	3,624	20	4,023	28	5,180
5	7,076	13	6,968	21	3,119	29	3,952
6	10,786	14	11,243	22	4,225	30	3,711
7	9,272	15	2,901	23	2,333	31	6,436
8	7,588	16	8,312	24	5,329		

State House of Representatives

District	Jobs	District	Jobs	District	Jobs	District	Jobs
1	1,275	39	32	77	1,433	115	<10
2	1,207	40	252	78	189	116	2,639
3	3,160	41	<10	79	107	117	629
4	863	42	1,028	80	335	118	977
5	1,196	43	190	81	1,516	119	721
6	1,367	44	1,538	82	1,654	120	2,106
7	1,213	45	801	83	1,877	121	3,707
8	1,048	46	3,277	84	422	122	229
9	850	47	4,370	85	368	123	<10
10	875	48	2,903	86	1,418	124	138
11	805	49	3,016	87	1,220	125	<10
12	1,521	50	488	88	867	126	3,483
13	1,119	51	184	89	136	127	1,117
14	301	52	265	90	3,682	128	1,535
15	1,401	53	1,532	91	1,474	129	1,134
16	339	54	842	92	1,768	130	145
17	1,631	55	711	93	847	131	2,278
18	782	56	686	94	1,209	132	944
19	1,023	57	744	95	182	133	5,305
20	2,440	58	1,613	96	75	134	8,772
21	1,554	59	831	97	385	135	1,967
22	516	60	1,470	98	<10	136	<10
23	1,777	61	1,704	99	105	137	140
24	559	62	829	100	4,791	138	709
25	1,047	63	1,586	101	288	139	1,189
26	2,726	64	924	102	3,069	140	1,696
27	501	65	1,517	103	2,928	141	299
28	354	66	1,095	104	46	142	789
29	285	67	1,742	105	651	143	666
30	1,255	68	1,361	106	89	144	479
31	1,168	69	975	107	715	145	412
32	2,044	70	428	108	2,734	146	<10
33	2,906	71	427	109	566	147	469
34	484	72	1,061	110	54	148	<10
35	1,606	73	1,284	111	182	149	<10
36	966	74	723	112	211	150	509
37	766	75	721	113	<10		
38	<10	76	1,344	114	658		



Congressional			
District	Jobs	District	Jobs
1	5,638	19	3,413
2	16,792	20	5,937
3	6,090	21	11,356
4	4,060	22	3,054
5	4,632	23	2,096
6	5,596	24	8,813
7	8,355	25	2,662
8	4,533	26	1,584
9	2,902	27	4,690
10	9,570	28	2,097
11	7,105	29	1,256
12	6,652	30	5,072
13	5,491	31	2,487
14	4,552	32	2,647
15	4,908	33	132
16	3,871	34	1,530
17	3,913	35	1,504
18	4,996	36	2,931



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.



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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

