

Texas

Energy Efficiency Jobs in America

164,470

Total Jobs

What are EE Jobs?

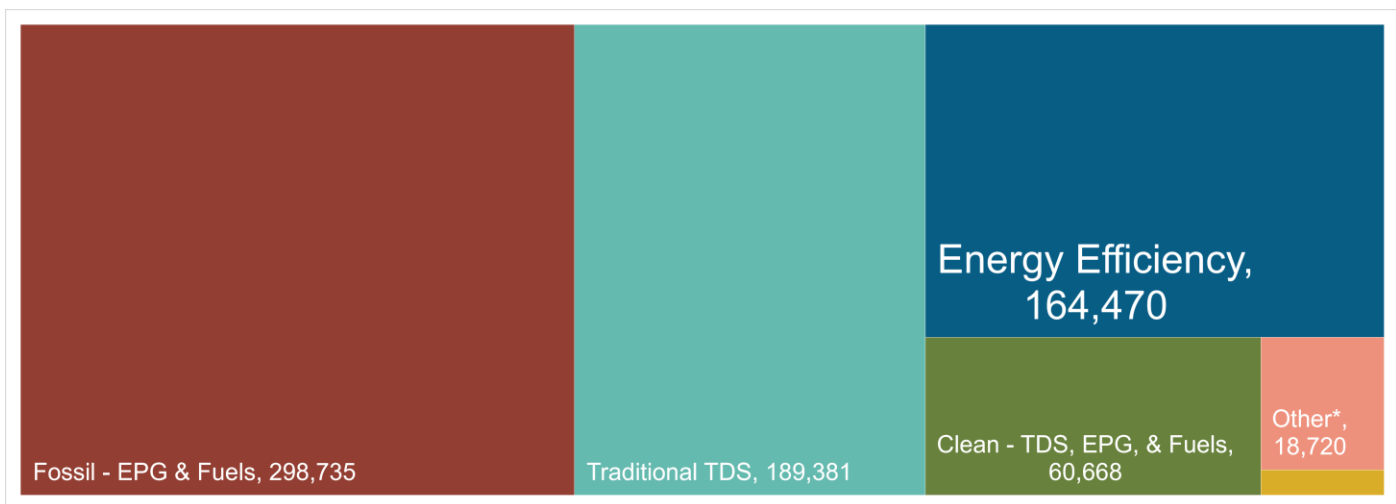
Jobs that deliver goods and services that lower energy use by improving energy efficiency – with a focus on appliances, buildings, data systems, financing, new technologies, and more.

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 & industrial buildings.
- **Design and construct** high performance buildings such as those earning LEED certification.
- **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

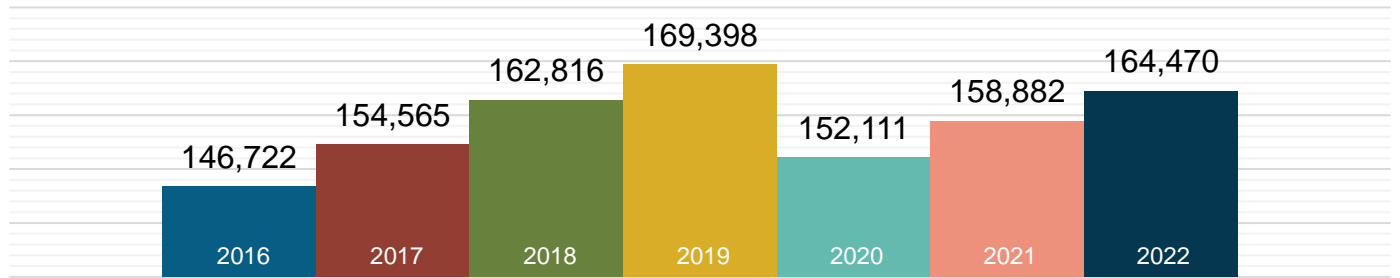
EPG = Electric Power Generation

Nuclear (EPG & Fuels) = 3,587

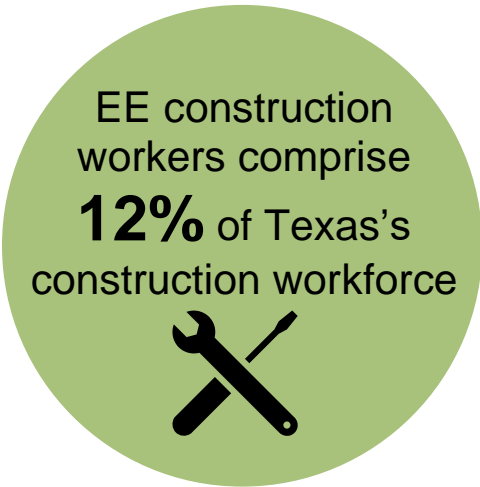
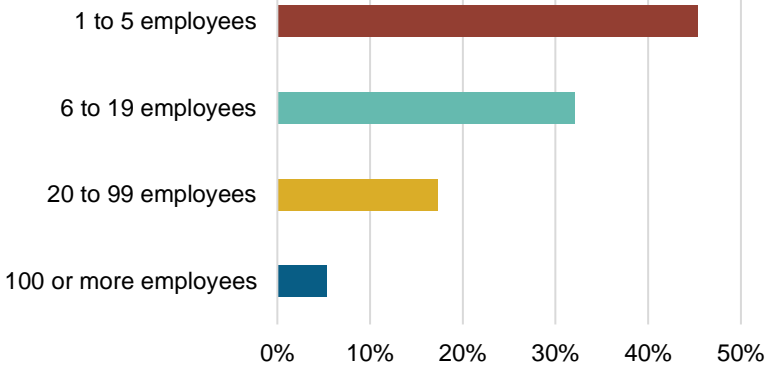
*Includes other energy subsectors such as corn ethanol, woody biomass, large hydropower, and others.

What does EE look like in Texas?

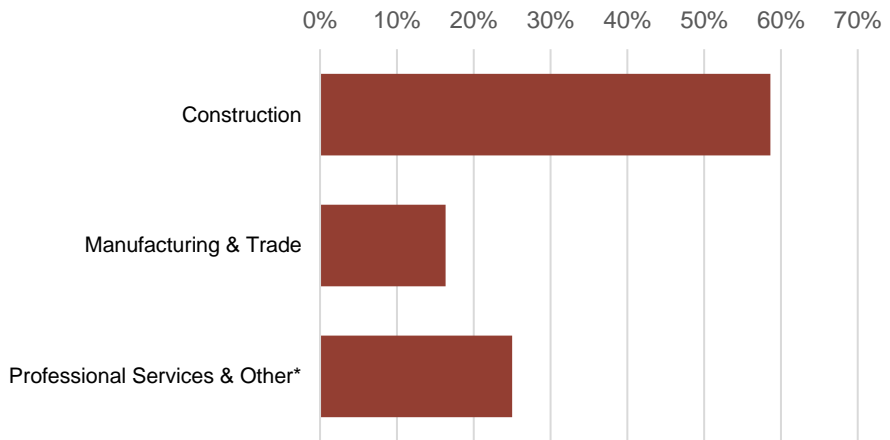
EE Workers Employed in TX



94.7% of TX EE Businesses Have Fewer Than 100 Employees

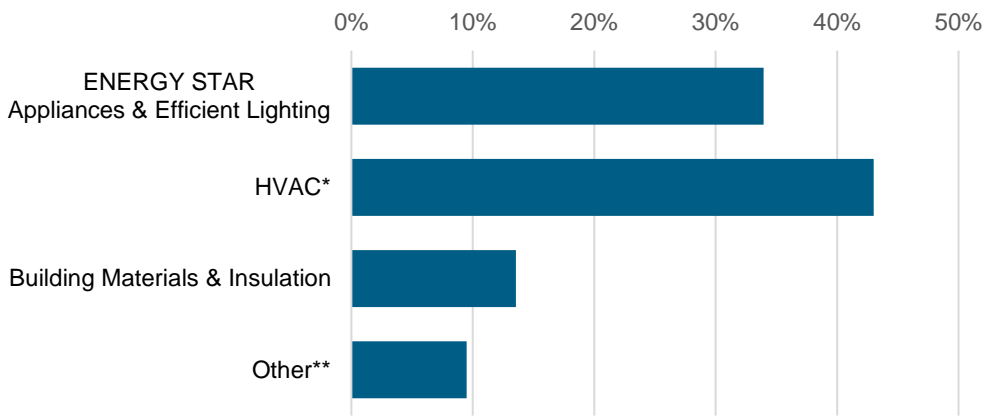


What type of work do energy efficiency firms do?



*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?



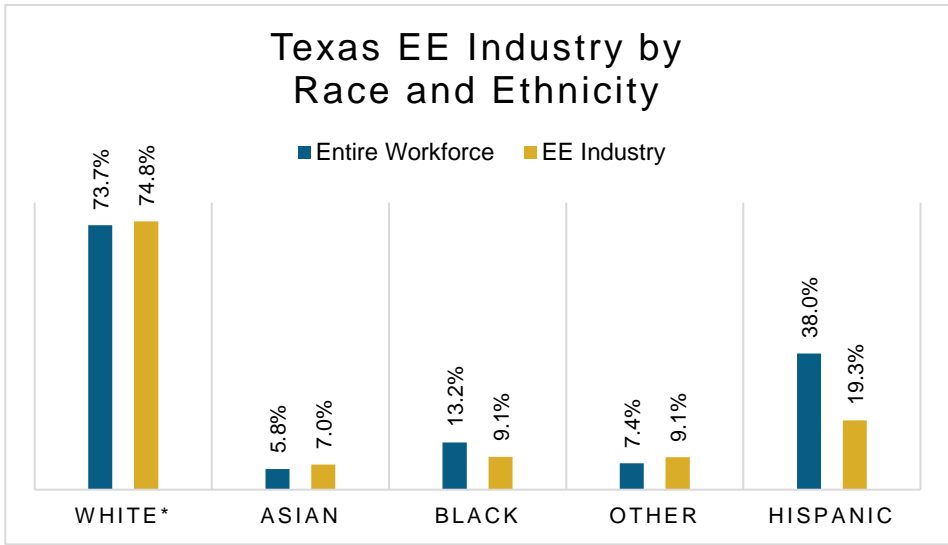
8%
of Texas
EE workers are
Veterans

*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 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 EE businesses.



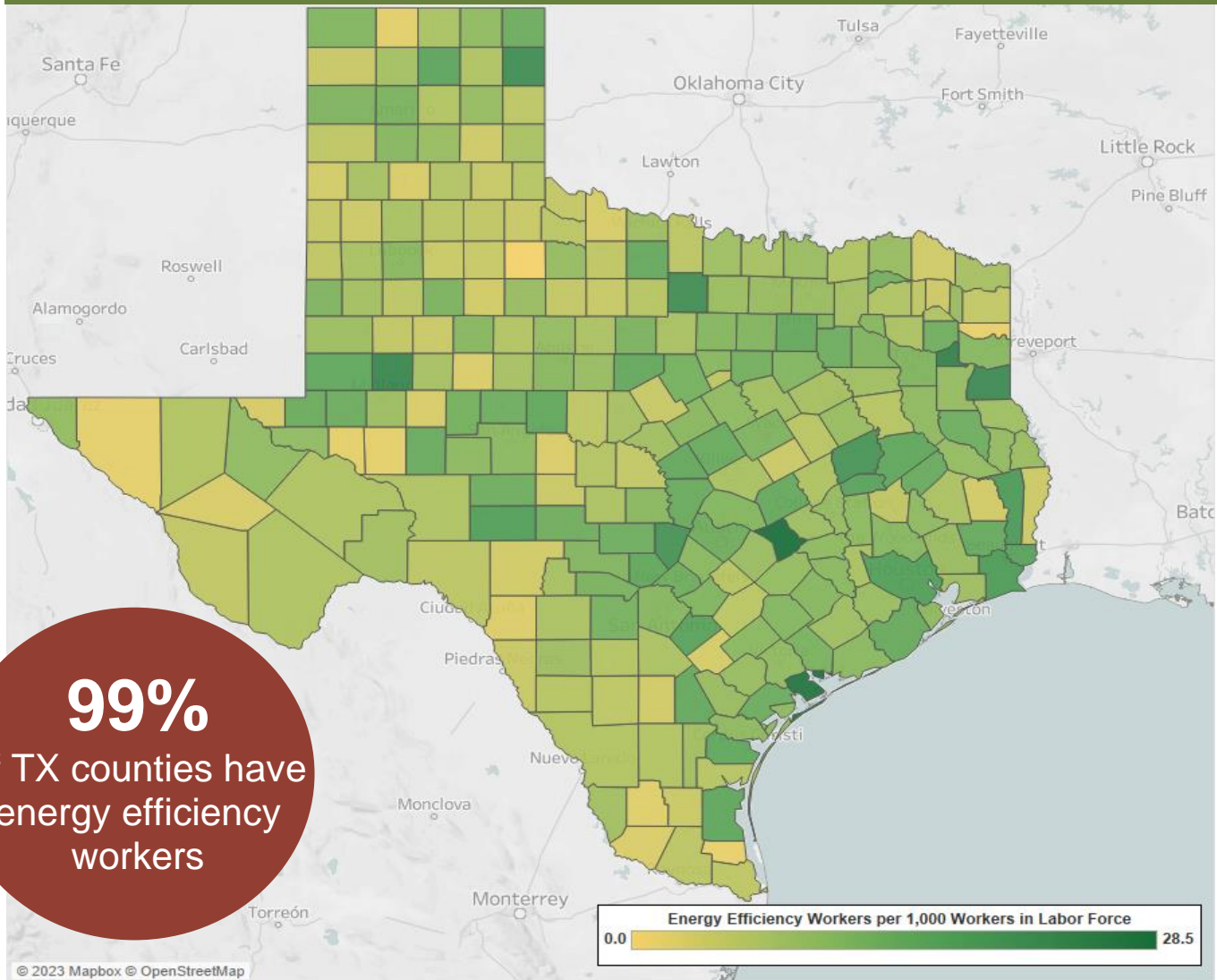
*Includes non-Hispanic and Hispanic whites.



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.

Energy Efficiency Jobs are Everywhere

EE Jobs by County



99%
of TX counties have
energy efficiency
workers

Metropolitan Areas

Area	Jobs	Area	Jobs
Abilene	766	Lubbock	1,570
Amarillo	1,397	McAllen-Edinburg-Mission	1,586
Austin-Round Rock	15,579	Midland	1,017
Beaumont-Port Arthur	2,691	Odessa	1,042
Brownsville-Harlingen	785	San Angelo	521
College Station-Bryan	1,217	San Antonio-New Braunfels	12,198
Corpus Christi	2,650	Sherman-Denison	429
Dallas-Fort Worth-Arlington	48,232	Texarkana	313
El Paso	3,068	Tyler	1,283
Houston-The Woodlands-Sugar Land	48,968	Victoria	385
Killeen-Temple	1,223	Waco	1,443
Laredo	656	Wichita Falls	471
Longview	2,050	Rural	12,929

State Senate

District	Jobs	District	Jobs	District	Jobs	District	Jobs
1	5,591	9	7,099	17	4,941	25	7,134
2	5,334	10	4,863	18	4,038	26	1,597
3	4,782	11	3,396	19	6,217	27	1,580
4	6,943	12	3,450	20	3,829	28	4,930
5	6,736	13	6,630	21	2,968	29	3,761
6	10,268	14	10,702	22	4,022	30	3,530
7	8,826	15	2,756	23	2,218	31	6,123
8	7,223	16	7,912	24	5,072		

State House of Representatives

District	Jobs	District	Jobs	District	Jobs	District	Jobs
1	1,217	39	30	77	1,368	115	<10
2	1,153	40	240	78	181	116	2,521
3	3,016	41	<10	79	102	117	601
4	825	42	982	80	320	118	904
5	1,136	43	181	81	1,444	119	689
6	1,305	44	1,467	82	1,579	120	2,011
7	1,155	45	758	83	1,793	121	3,538
8	1,001	46	3,130	84	403	122	219
9	812	47	4,174	85	351	123	<10
10	836	48	2,773	86	1,354	124	132
11	768	49	2,881	87	1,161	125	<10
12	1,450	50	459	88	827	126	3,327
13	1,067	51	175	89	129	127	1,067
14	287	52	245	90	3,512	128	1,466
15	1,243	53	1,463	91	1,408	129	1,035
16	324	54	793	92	1,689	130	139
17	1,557	55	679	93	809	131	2,172
18	747	56	655	94	1,155	132	901
19	958	57	711	95	174	133	5,067
20	2,330	58	1,540	96	72	134	8,373
21	1,484	59	793	97	367	135	1,878
22	493	60	1,404	98	<10	136	<10
23	1,690	61	1,608	99	100	137	134
24	534	62	792	100	4,574	138	677
25	1,000	63	1,504	101	275	139	1,136
26	2,596	64	883	102	2,931	140	1,572
27	477	65	1,448	103	2,796	141	286
28	338	66	1,046	104	44	142	753
29	272	67	1,664	105	622	143	623
30	1,180	68	1,297	106	80	144	457
31	1,116	69	927	107	616	145	394
32	1,951	70	409	108	2,611	146	<10
33	2,656	71	408	109	541	147	448
34	442	72	1,011	110	51	148	<10
35	1,534	73	1,225	111	174	149	<10
36	922	74	691	112	202	150	483
37	730	75	689	113	<10		
38	<10	76	1,284	114	629		

Congressional	
District	Jobs
1	5,365
2	15,978
3	5,794
4	3,864
5	4,384
6	5,325
7	7,950
8	4,311
9	2,762
10	9,107
11	6,758
12	6,326
13	5,222
14	4,332
15	4,670
16	3,682
17	3,723
18	4,750
19	3,247
20	5,648
21	10,805
22	2,906
23	1,994
24	8,386
25	2,533
26	1,508
27	4,462
28	1,993
29	1,183
30	4,826
31	2,359
32	2,519
33	126
34	1,454
35	1,431
36	2,790



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: Except for county data on page 4, all data are from the U.S. Energy and Employment Report, June 2023, 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 E4TheFuture analyses please email: policy@e4thefuture.org