Oklahoma

Energy Efficiency Jobs in America

16,362
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 Oklahoma?

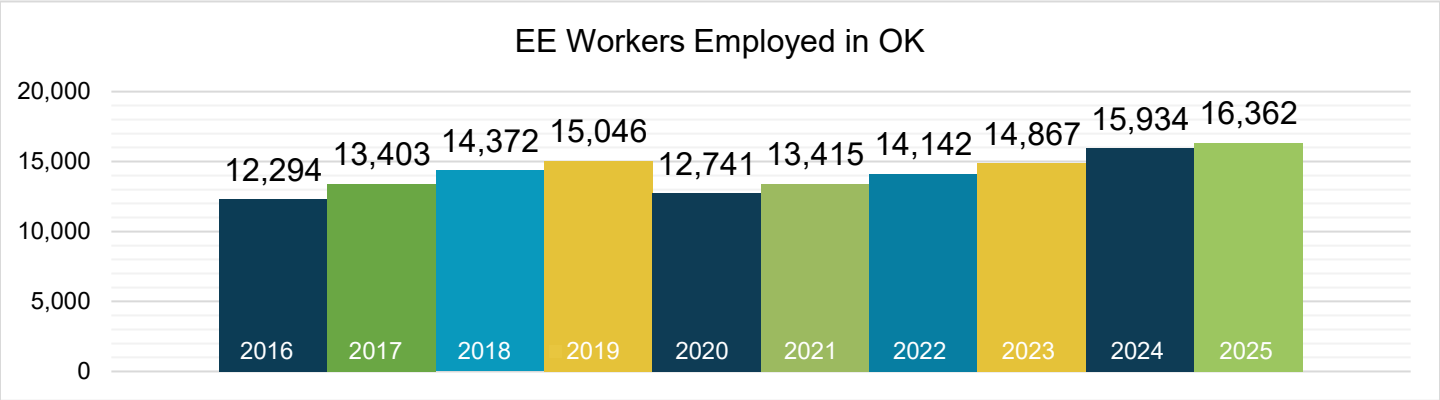
Energy efficiency is the third largest energy sector in Oklahoma.

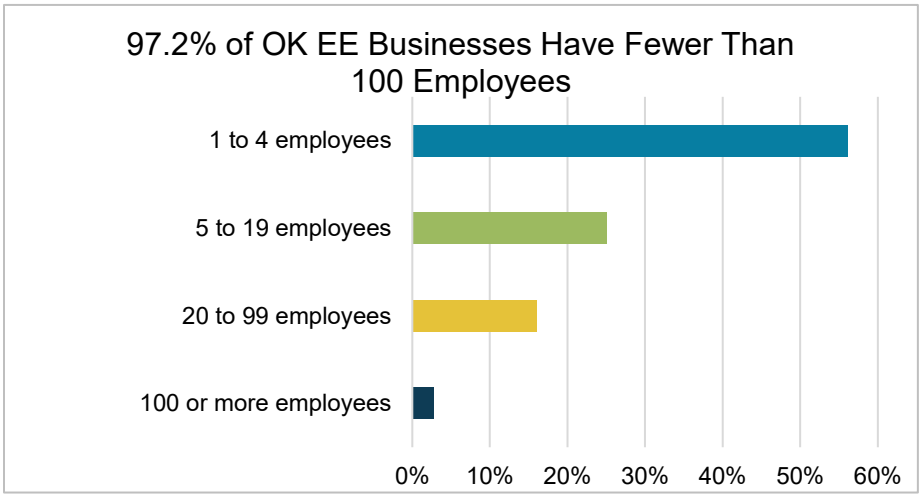


TDS = Transmission, Distribution, & Storage
EPG = Electric Power Generation
**Nuclear - EPG & Fuels = 54
*Includes other energy subsectors such as corn ethanol, woody biomass, large hydropower, and others.

Presented by:

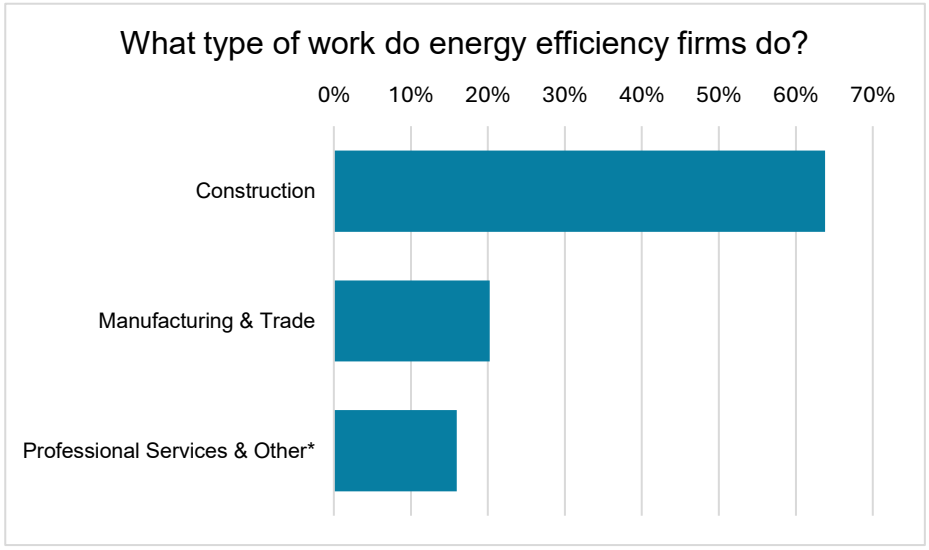
What does EE look like in Oklahoma?



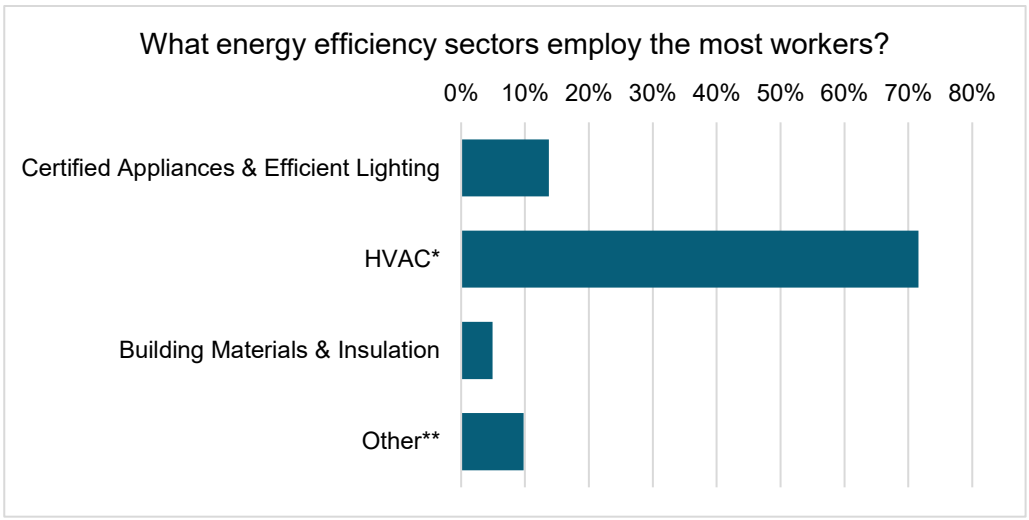


3,914
EE businesses in Oklahoma

EE construction workers comprise **9%** of Oklahoma's construction workforce



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



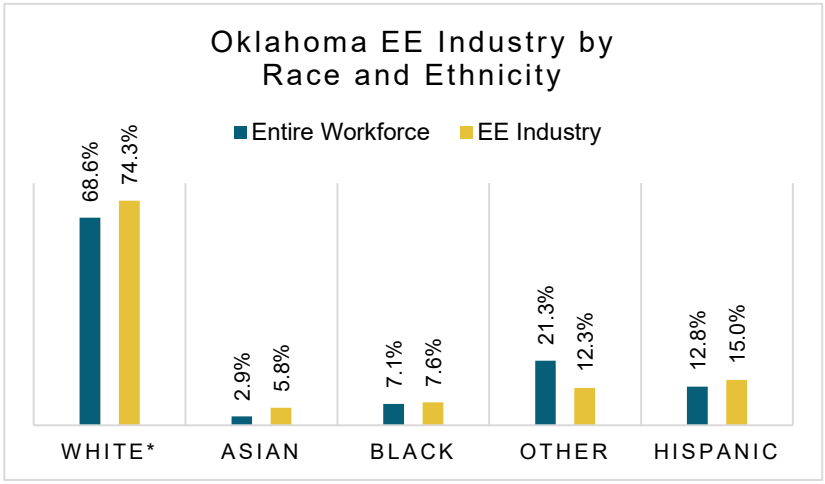
9% of Oklahoma EE workers are **veterans**

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

How representative is the EE workforce in Oklahoma?

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

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



*Includes non-Hispanic and Hispanic whites.

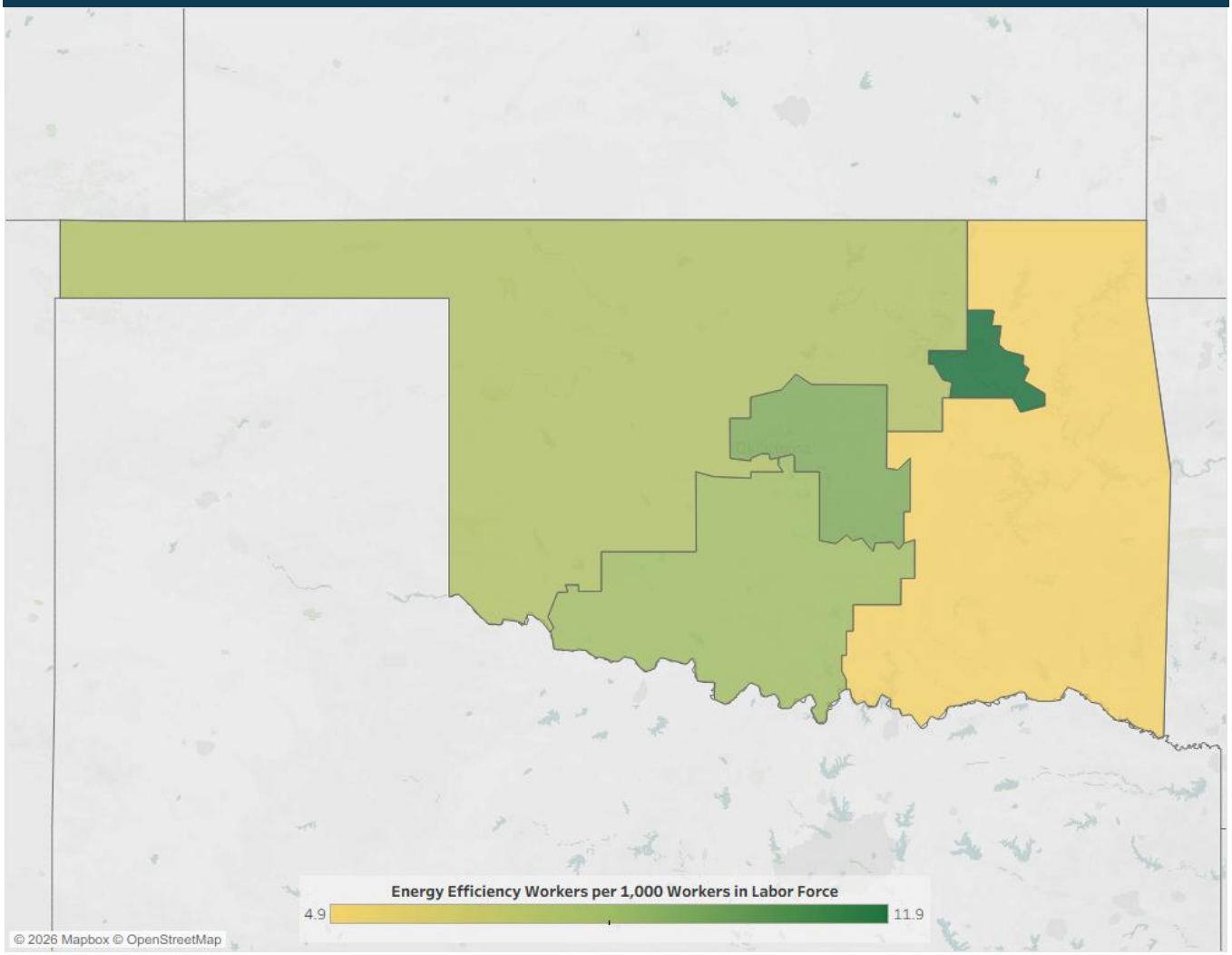
Gender in the Oklahoma EE Workforce



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 Congressional District



Congressional		Metropolitan Areas	
District	**Jobs**	**Area**	**Jobs**
1	4,905	Fort Smith	78
2	1,698	Lawton	331
3	2,833	Oklahoma City	6,673
4	3,164	Tulsa	5,478
5	3,762	Rural	3,803

State Senate

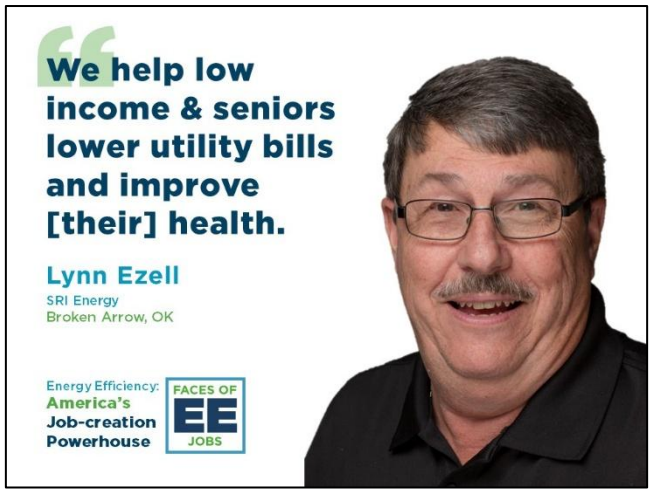
District	Jobs	District	Jobs	District	Jobs	District	Jobs
1	212	13	306	25	553	37	438
2	446	14	353	26	209	38	112
3	148	15	386	27	251	39	532
4	131	16	308	28	147	40	507
5	85	17	253	29	176	41	408
6	131	18	180	30	520	42	569
7	177	19	352	31	104	43	366
8	122	20	179	32	272	44	446
9	241	21	217	33	663	45	332
10	251	22	457	34	540	46	504
11	609	23	194	35	602	47	494
12	498	24	449	36	353	48	580

State House of Representatives

District	Jobs	District	Jobs	District	Jobs	District	Jobs
1	46	27	128	53	267	79	125
2	35	28	74	54	64	80	220
3	37	29	97	55	98	81	236
4	33	30	158	56	99	82	253
5	90	31	104	57	114	83	43
6	117	32	75	58	143	84	214
7	48	33	39	59	131	85	366
8	125	34	137	60	<10	86	85
9	173	35	61	61	112	87	191
10	60	36	154	62	131	88	272
11	186	37	167	63	68	89	280
12	35	38	112	64	114	90	217
13	91	39	139	65	50	91	182
14	160	40	258	66	220	92	300
15	62	41	135	67	335	93	140
16	44	42	117	68	355	94	252
17	136	43	180	69	210	95	248
18	21	44	117	70	249	96	363
19	52	45	191	71	419	97	216
20	143	46	212	72	276	98	77
21	66	47	62	73	198	99	172
22	48	48	292	74	236	100	351
23	199	49	56	75	277	101	281
24	314	50	159	76	443		
25	212	51	153	77	423		
26	127	52	38	78	165		

Faces of EE

The EE industry creates jobs, lowers bills, and strengthens the economy. Woven through communities via manufacturing, construction, professional services, and more, EE jobs are the backbone of the energy sector. This sample of people highlights just a few of the wide variety of jobs in the energy efficiency industry and the potential for growth when workforce development and training are prioritized.





Note: Some individuals pictured may have changed jobs since they joined Faces of EE.

This report was funded by the Building Performance Foundation and informed by the industry expertise of the Building Performance Association. Research was conducted by BW Research Partnership.

The Building Performance Foundation (BPF) is a 501(c)(3) charitable organization that works with policymakers, industry stakeholders, and professionals across the trades to educate and advance understanding of building performance, support workforce development, and expand access to career opportunities. Visit www.foundation.building-performance.org.

The Building Performance Association (BPA) is a 501(c)(6) industry trade association that serves and represents the professionals and businesses working to make America's homes more comfortable, healthy, and energy efficient, supporting them through membership, advocacy, education, and engagement. 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 2026 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.