

# Oklahoma

## Energy Efficiency Jobs in America

14,142

Total Jobs

### What are EE Jobs?

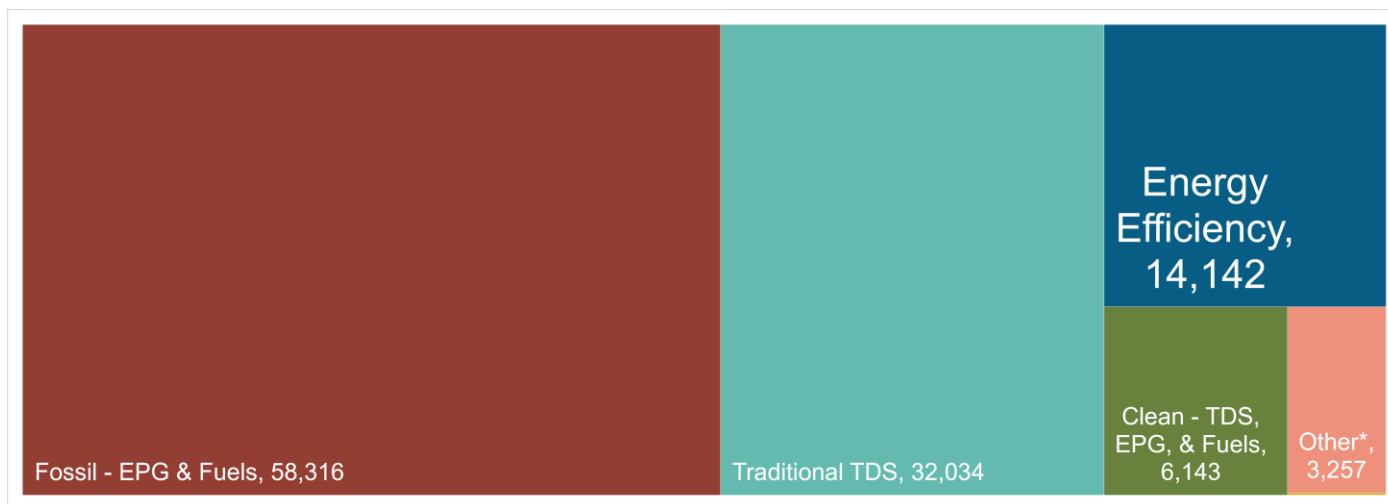
*Jobs that deliver goods and services that lower energy use by improving energy efficiency – with a focus on appliances, buildings, data systems, financing, new technologies, and more.*

### 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 Oklahoma?

*Energy Efficiency is the third largest energy sector in Oklahoma.*



TDS = Transmission, Distribution & Storage

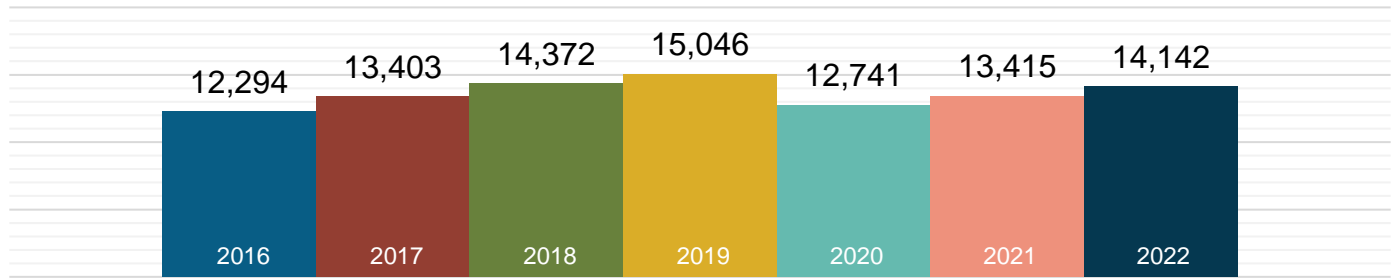
EPG = Electric Power Generation

Nuclear (EPG & Fuels) = 40

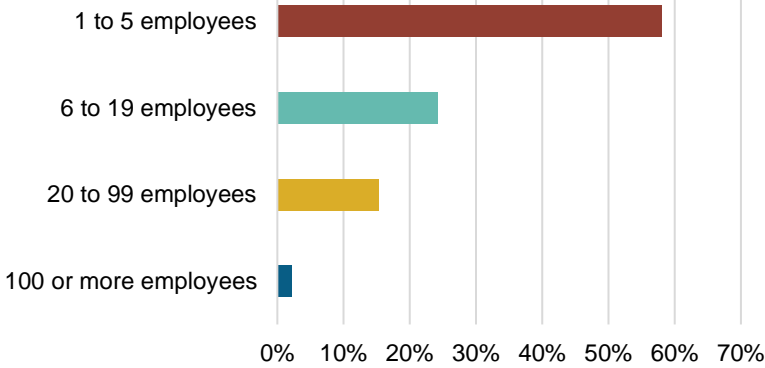
\*Includes other energy subsectors such as corn ethanol, woody biomass, large hydropower, and others.

# What does EE look like in Oklahoma?

## EE Workers Employed in OK



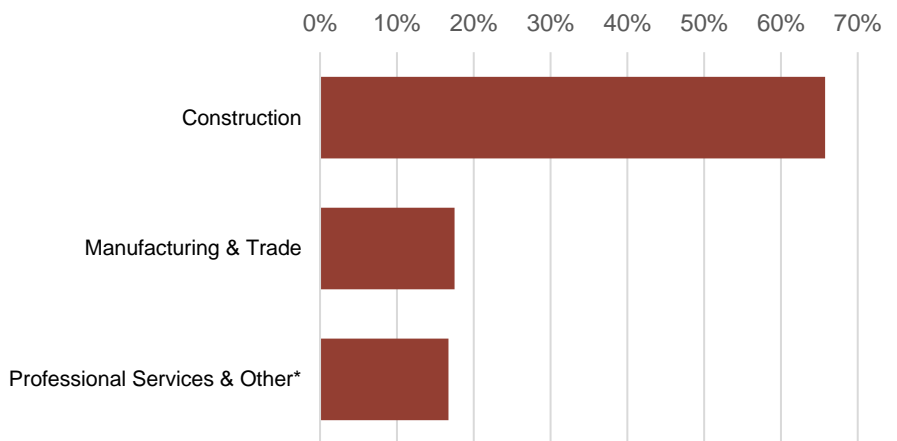
## 97.7% of OK EE Businesses Have Fewer Than 100 Employees



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

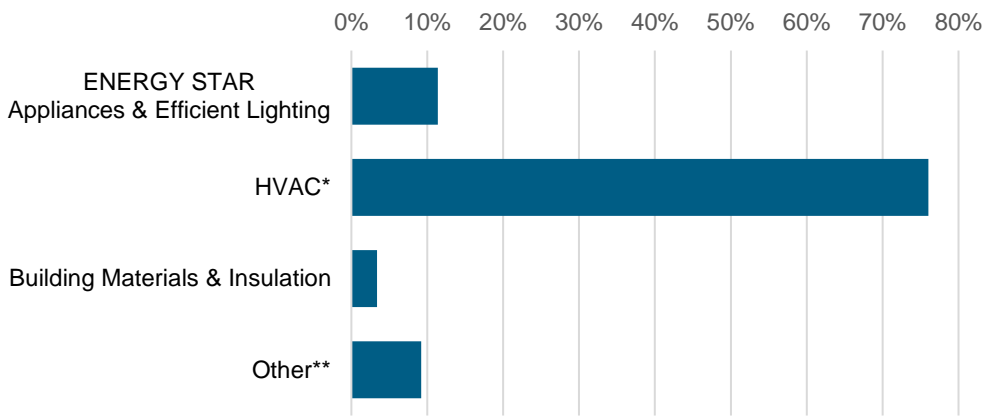


## What type of work do energy efficiency firms do?



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

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



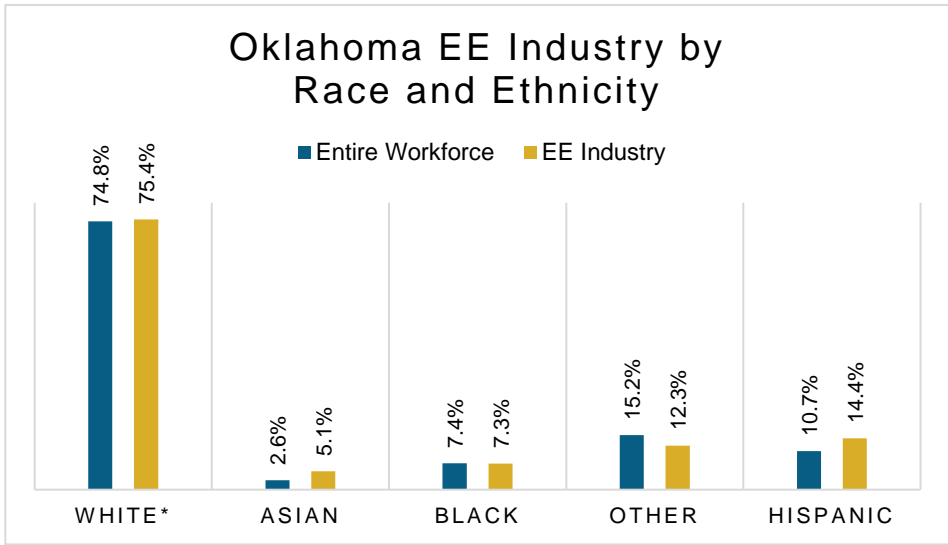
**9%**  
of Oklahoma  
EE workers are  
**Veterans**

\*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 Oklahoma?

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 Oklahoma 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.



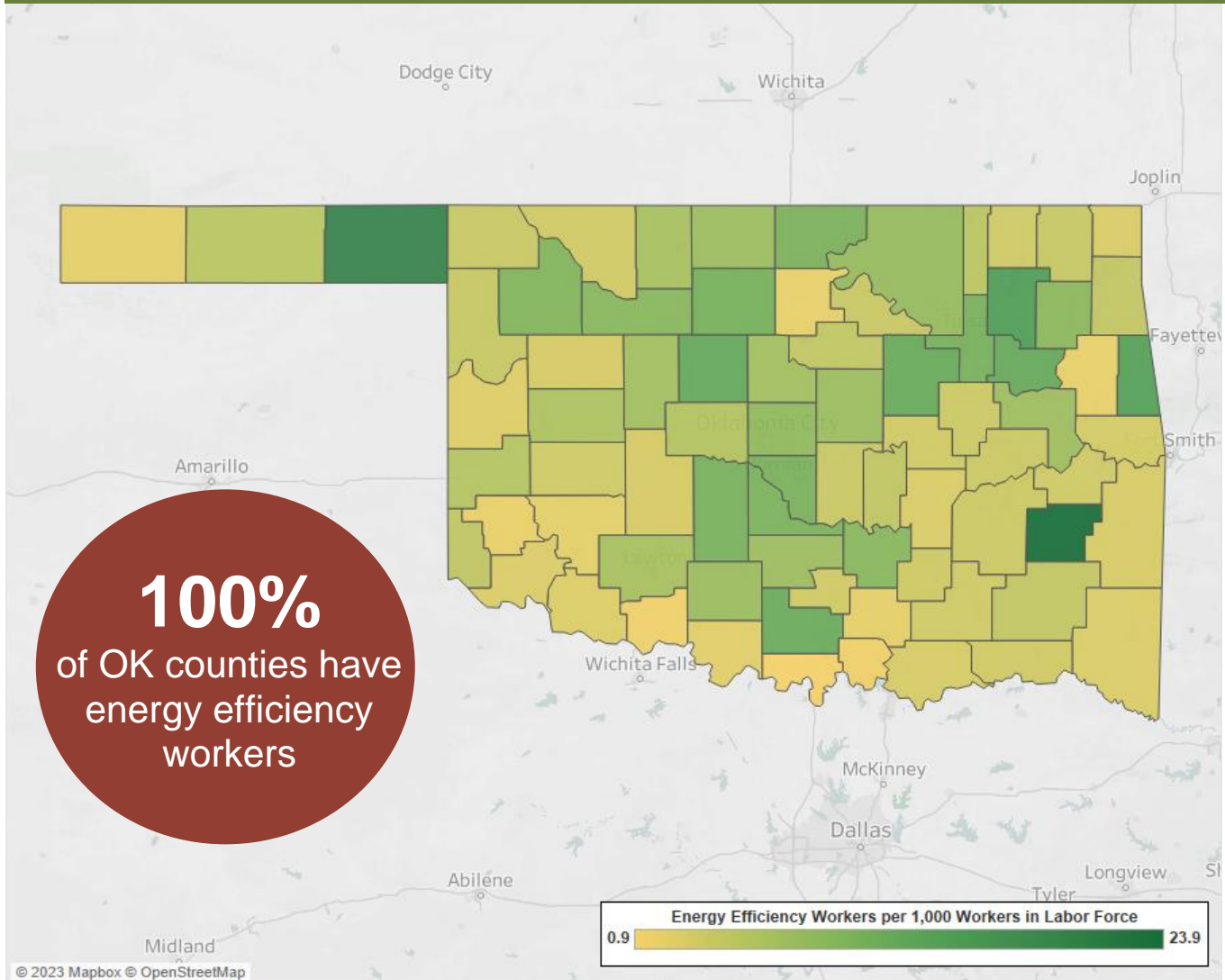
\*Includes non-Hispanic and Hispanic whites.



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



Congressional		Metropolitan Areas	
District	Jobs	Area	Jobs
1	3,963	Fort Smith	69
2	2,044	Lawton	275
3	2,832	Oklahoma City	5,755
4	1,998	Tulsa	4,834
5	3,304	Rural	3,209

## State Senate

District	Jobs	District	Jobs	District	Jobs	District	Jobs
1	424	13	386	25	759	37	<10
2	500	14	292	26	327	38	111
3	157	15	723	27	314	39	<10
4	112	16	<10	28	72	40	409
5	149	17	583	29	145	41	<10
6	172	18	412	30	983	42	106
7	298	19	349	31	400	43	90
8	199	20	509	32	12	44	1,020
9	101	21	215	33	<10	45	20
10	467	22	456	34	44	46	70
11	905	23	367	35	815	47	56
12	292	24	96	36	25	48	204

## State House of Representatives

District	Jobs	District	Jobs	District	Jobs	District	Jobs
1	76	27	308	53	63	79	<10
2	41	28	131	54	346	80	<10
3	58	29	215	55	260	81	136
4	152	30	45	56	66	82	226
5	339	31	323	57	66	83	276
6	225	32	110	58	204	84	455
7	20	33	231	59	10	85	275
8	150	34	11	60	<10	86	<10
9	183	35	55	61	150	87	<10
10	295	36	41	62	201	88	512
11	<10	37	163	63	64	89	229
12	144	38	341	64	<10	90	36
13	117	39	390	65	21	91	<10
14	<10	40	<10	66	473	92	<10
15	78	41	322	67	751	93	<10
16	159	42	51	68	42	94	94
17	173	43	196	69	<10	95	48
18	58	44	222	70	374	96	11
19	165	45	<10	71	<10	97	188
20	406	46	<10	72	341	98	<10
21	<10	47	177	73	296	99	41
22	407	48	45	74	<10	100	<10
23	595	49	41	75	<10	101	<10
24	61	50	113	76	<10		
25	<10	51	132	77	<10		
26	188	52	95	78	<10		



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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.

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