

Louisiana

Energy Efficiency Jobs in America



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 Louisiana?

Energy efficiency is the third largest energy sector in Louisiana.



TDS = Transmission, Distribution, & Storage

EPG = Electric Power Generation

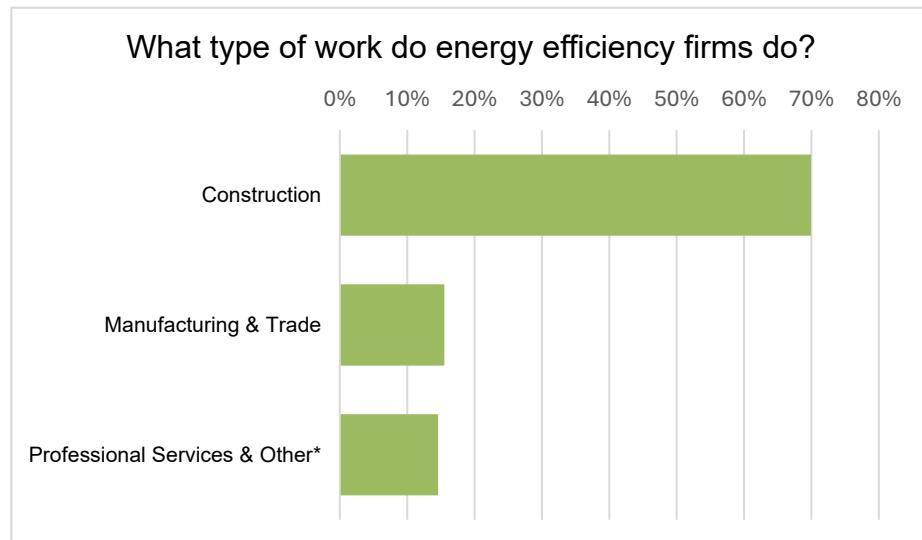
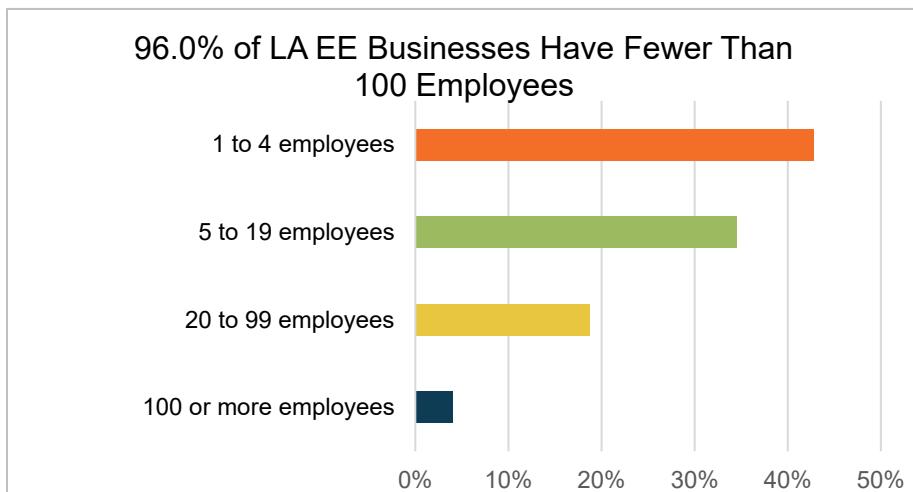
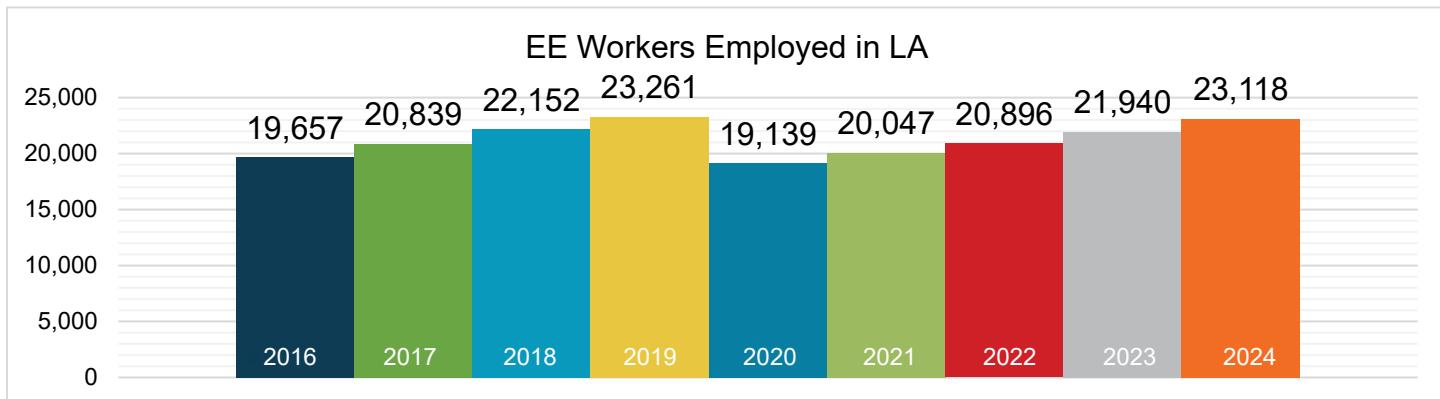
**Nuclear - EPG & Fuels = 1,512

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

Presented by:

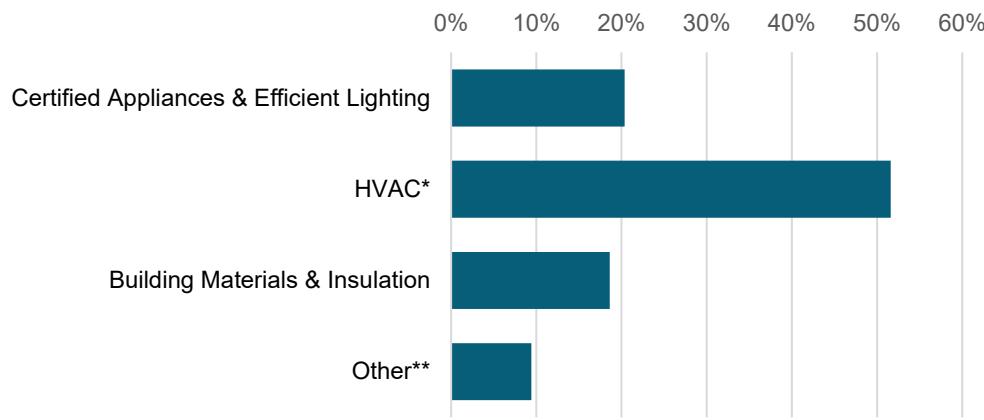


What does EE look like in Louisiana?



*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

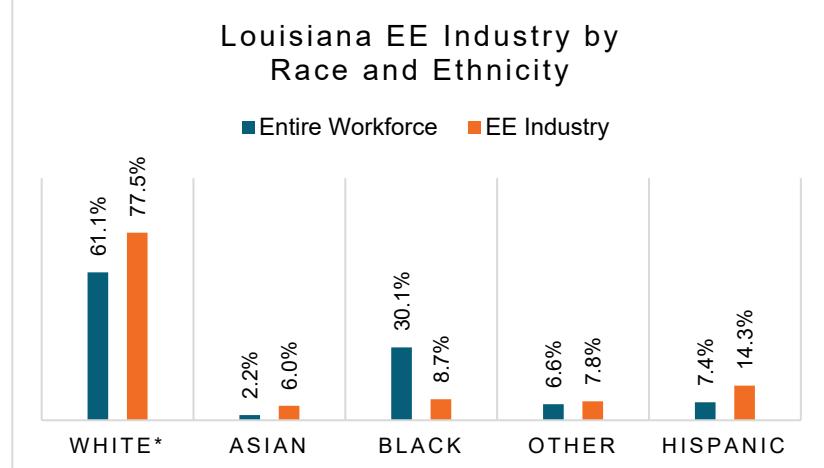
9%
of Louisiana
EE workers are
veterans



How representative is the EE workforce in Louisiana?

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

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



*Includes non-Hispanic and Hispanic whites.

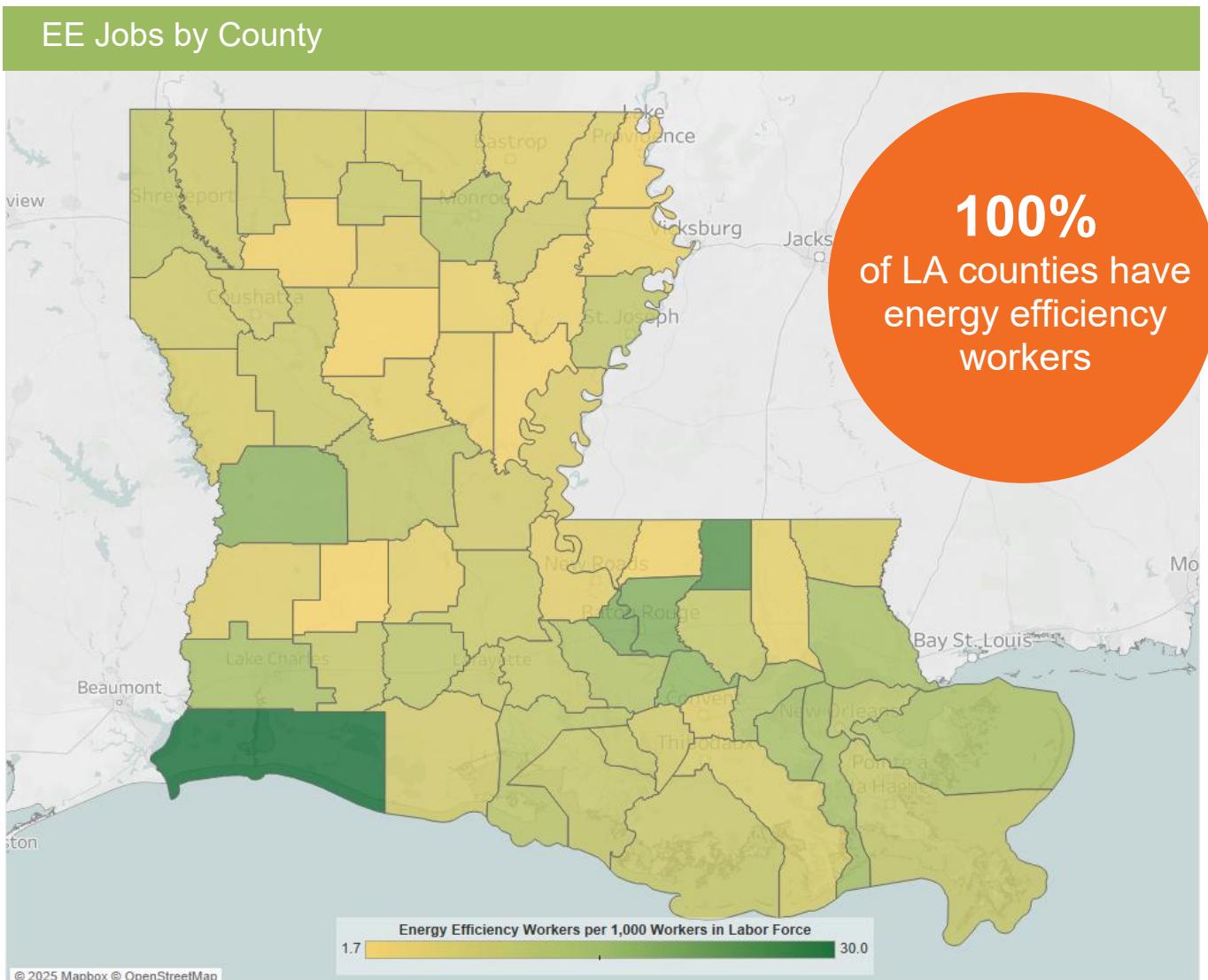
Gender in the Louisiana EE Workforce



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>.

Congressional		Metropolitan Areas	
District	Jobs	Area	Jobs
1	3,527	Alexandria	606
2	4,471	Baton Rouge	6,667
3	3,784	Houma-Thibodaux	680
4	2,613	Lafayette	1,948
5	3,507	Lake Charles	1,803
6	5,217	Monroe	812
		New Orleans-Metairie	6,891
		Shreveport-Bossier City	1,609
		Rural	2,102

State Senate

District	Jobs	District	Jobs	District	Jobs	District	Jobs
1	551	11	607	21	293	31	333
2	534	12	343	22	653	32	289
3	646	13	261	23	592	33	129
4	707	14	1,177	24	498	34	449
5	625	15	1,139	25	1,078	35	498
6	1,136	16	1,662	26	317	36	334
7	895	17	401	27	744	37	179
8	653	18	792	28	279	38	539
9	677	19	553	29	441	39	536
10	710	20	468	30	401		

State House of Representatives

District	Jobs	District	Jobs	District	Jobs	District	Jobs
1	268	28	88	55	162	82	221
2	206	29	360	56	330	83	183
3	359	30	159	57	217	84	363
4	111	31	17	58	123	85	346
5	120	32	73	59	369	86	78
6	161	33	291	60	218	87	247
7	80	34	298	61	599	88	317
8	173	35	201	62	160	89	251
9	78	36	242	63	734	90	309
10	108	37	130	64	100	91	400
11	59	38	97	65	359	92	99
12	173	39	172	66	389	93	244
13	45	40	140	67	559	94	245
14	123	41	84	68	407	95	51
15	335	42	179	69	783	96	230
16	222	43	226	70	472	97	202
17	136	44	260	71	134	98	197
18	70	45	377	72	79	99	168
19	67	46	97	73	106	100	296
20	41	47	765	74	278	101	482
21	56	48	159	75	77	102	280
22	112	49	169	76	158	103	149
23	211	50	190	77	300	104	56
24	122	51	62	78	402	105	122
25	172	52	116	79	406		
26	158	53	270	80	239		
27	225	54	90	81	119		





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.

