Louisiana

Energy Efficiency Jobs in America

21,940
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.

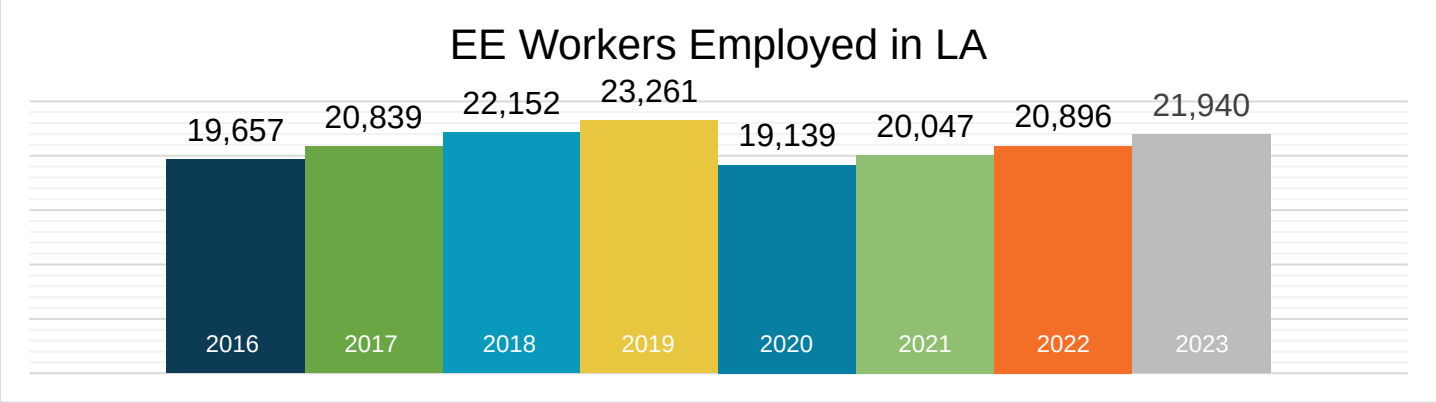
How does EE compare in Louisiana?

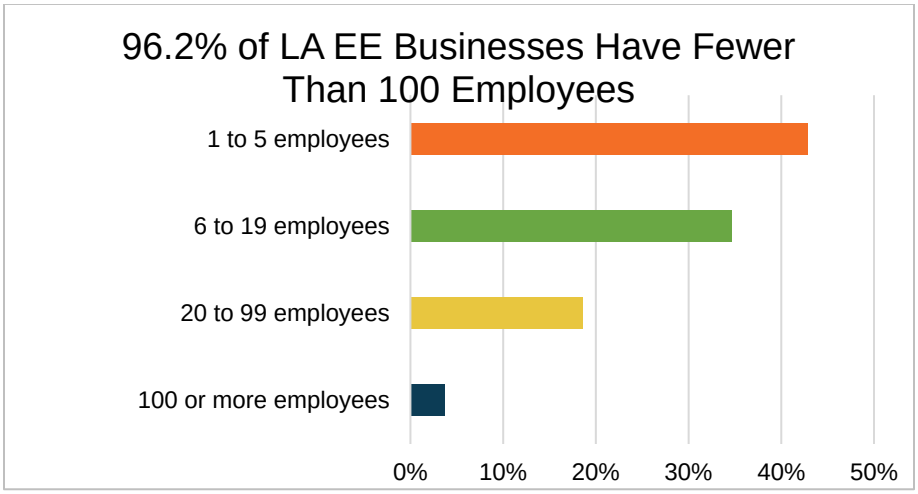
Energy efficiency is the third largest energy sector in Louisiana.

TDS = Transmission, Distribution & Storage
EPG = Electric Power Generation
Nuclear (EPG & Fuels) = 1,511
*Includes other energy subsectors such as corn ethanol, woody biomass, large hydropower, and others.

Presented by:

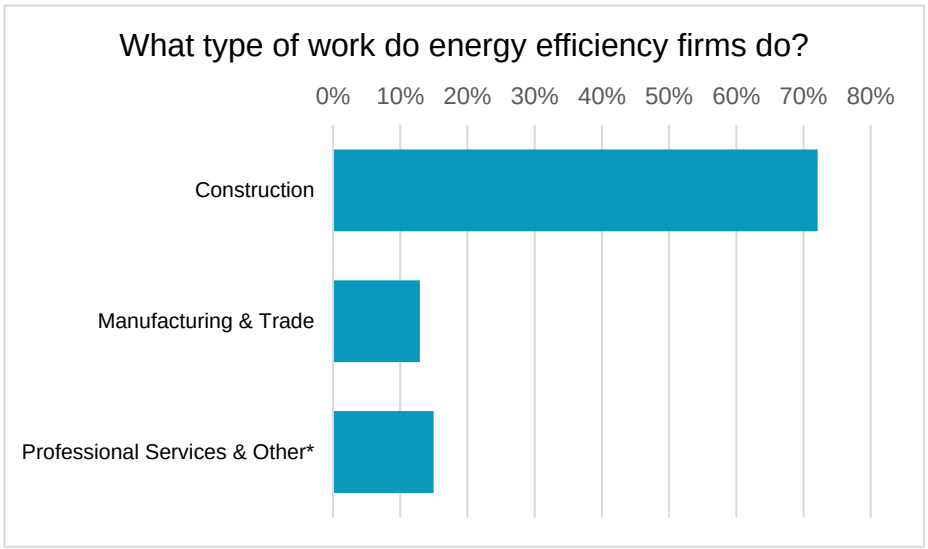
What does EE look like in Louisiana?



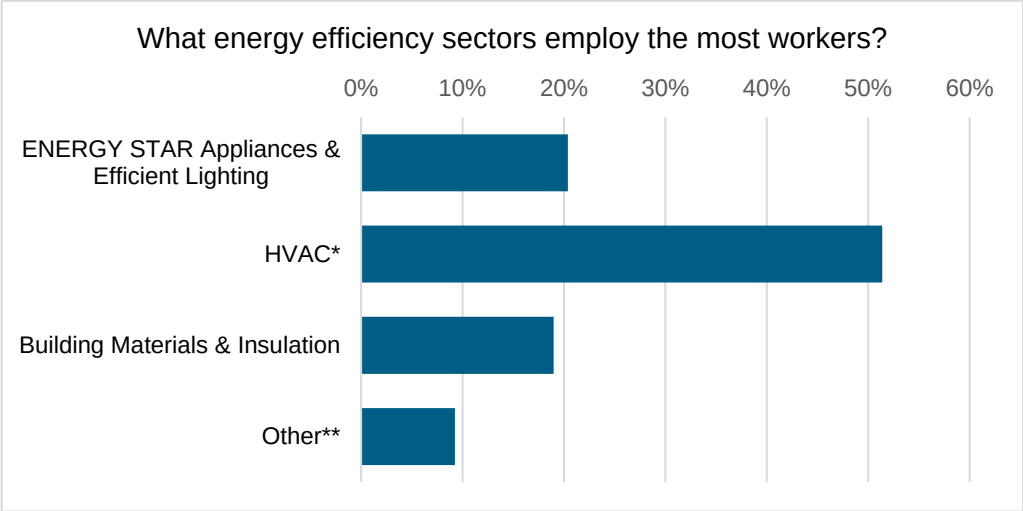


3,097
EE businesses in Louisiana

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



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



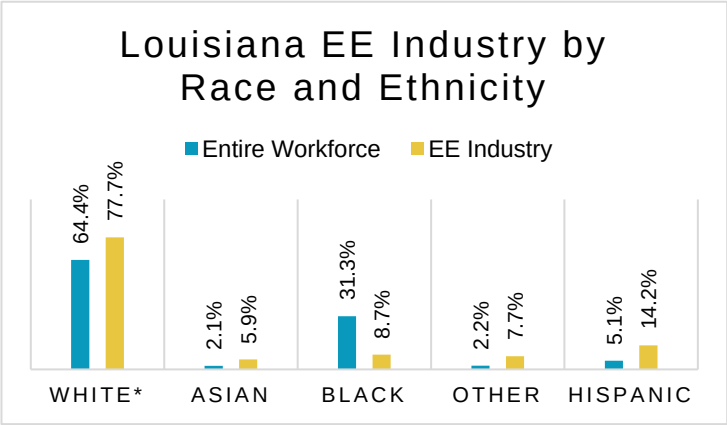
*Heating, ventilation, air conditioning of higher than standard efficiency/renewable heating & cooling
**Other such as energy audits, building certifications, and software services

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

How is EE doing on diversity in Louisiana?

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 Louisiana 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 Louisiana businesses.

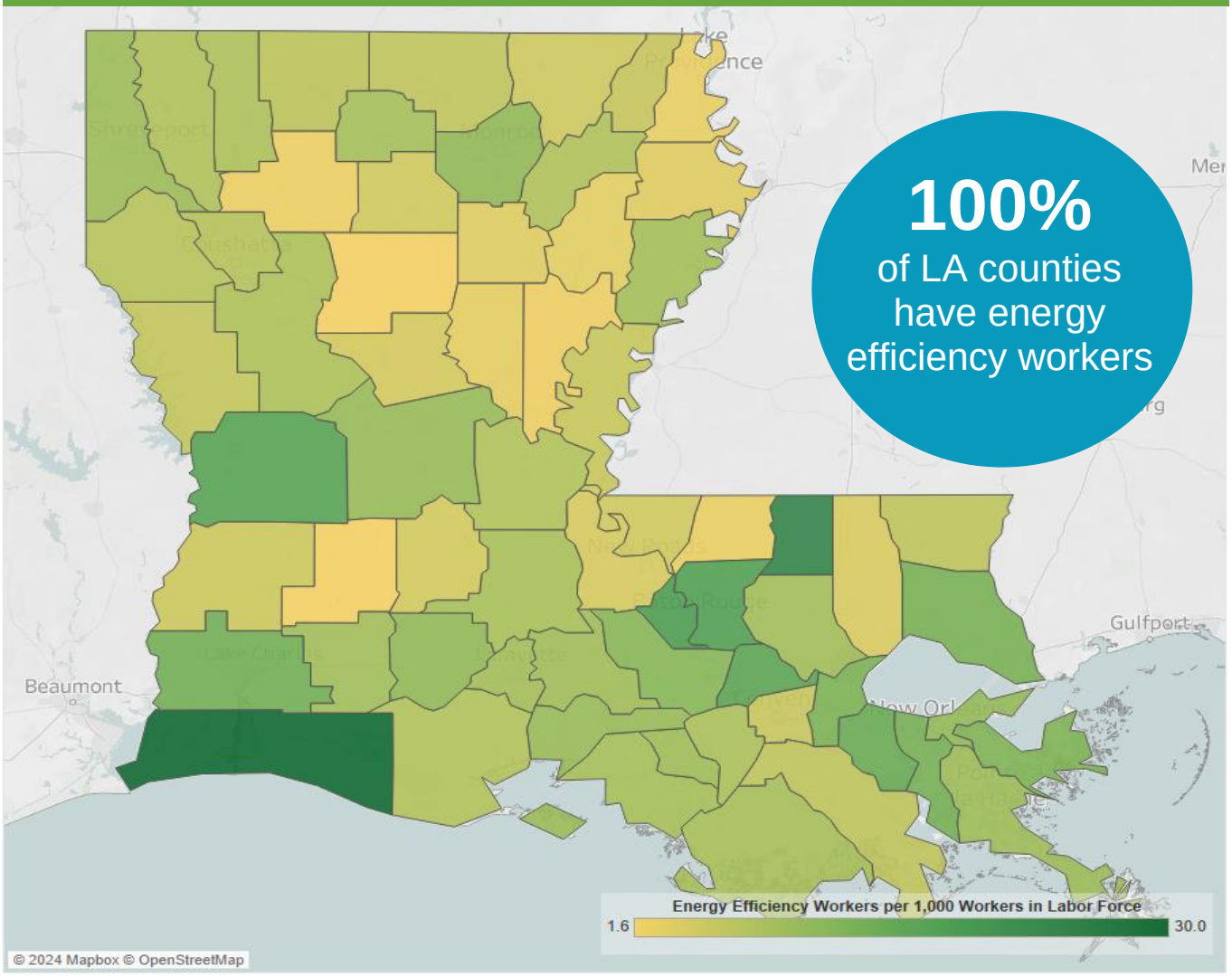


*Includes non-Hispanic and Hispanic whites.

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



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/330956.

Congressional	
District	**Jobs**
1	4,461
2	3,384
3	3,887
4	3,292
5	3,109
6	3,807

Metropolitan Areas	
Area	**Jobs**
Alexandria	576
Baton Rouge	6,335
Houma-Thibodaux	646
Lafayette	1,837
Lake Charles	1,708
Monroe	772
New Orleans-Metairie	6,548
Shreveport-Bossier City	1,528
Rural	1,988

State Senate

District	Jobs	District	Jobs	District	Jobs	District	Jobs
1	699	11	934	21	393	31	189
2	934	12	118	22	621	32	436
3	824	13	250	23	1,245	33	756
4	1,251	14	1,681	24	240	34	45
5	1,175	15	279	25	1,016	35	<10
6	1,136	16	<10	26	128	36	589
7	262	17	310	27	261	37	1,024
8	24	18	205	28	179	38	310
9	874	19	266	29	1,565	39	86
10	695	20	708	30	219		

State House of Representatives

District	Jobs	District	Jobs	District	Jobs	District	Jobs
1	434	28	69	55	<10	82	323
2	1,141	29	359	56	289	83	133
3	254	30	<10	57	39	84	217
4	<10	31	1,182	58	397	85	208
5	34	32	62	59	155	86	12
6	<10	33	454	60	23	87	<10
7	111	34	285	61	490	88	<10
8	<10	35	15	62	165	89	163
9	<10	36	151	63	12	90	80
10	126	37	109	64	301	91	1,210
11	226	38	264	65	354	92	<10
12	68	39	229	66	945	93	512
13	941	40	<10	67	327	94	127
14	568	41	92	68	<10	95	<10
15	21	42	<10	69	<10	96	<10
16	<10	43	255	70	<10	97	33
17	68	44	189	71	<10	98	<10
18	272	45	<10	72	341	99	64
19	136	46	80	73	461	100	30
20	113	47	195	74	517	101	<10
21	42	48	274	75	<10	102	104
22	141	49	36	76	343	103	130
23	15	50	233	77	65	104	<10
24	261	51	821	78	770		
25	504	52	48	79	117		
26	<10	53	48	80	1,181		
27	65	54	79	81	98		

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.

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.

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 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