

# Louisiana

## Energy Efficiency Jobs in America

**23,118**  
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 Louisiana?

*Energy efficiency is the third largest energy sector in Louisiana.*



TDS = Transmission, Distribution, & Storage

EPG = Electric Power Generation

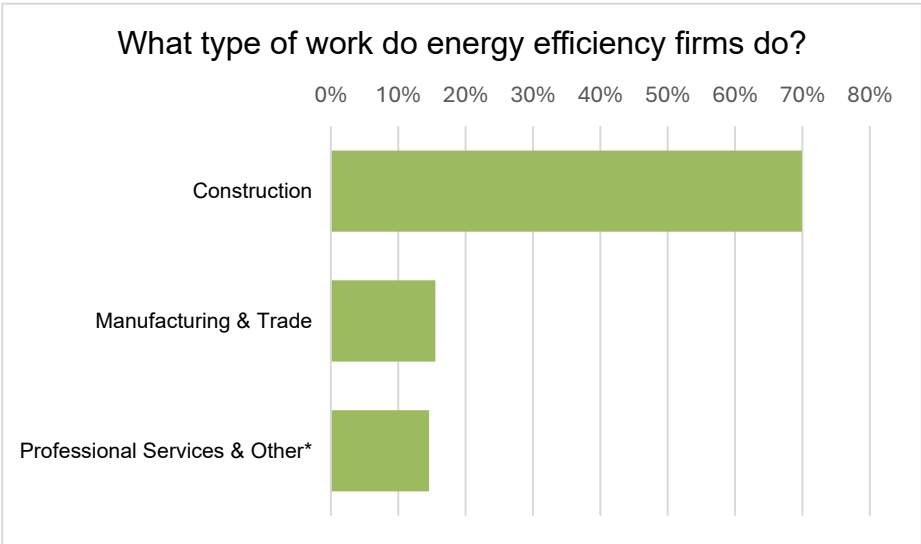
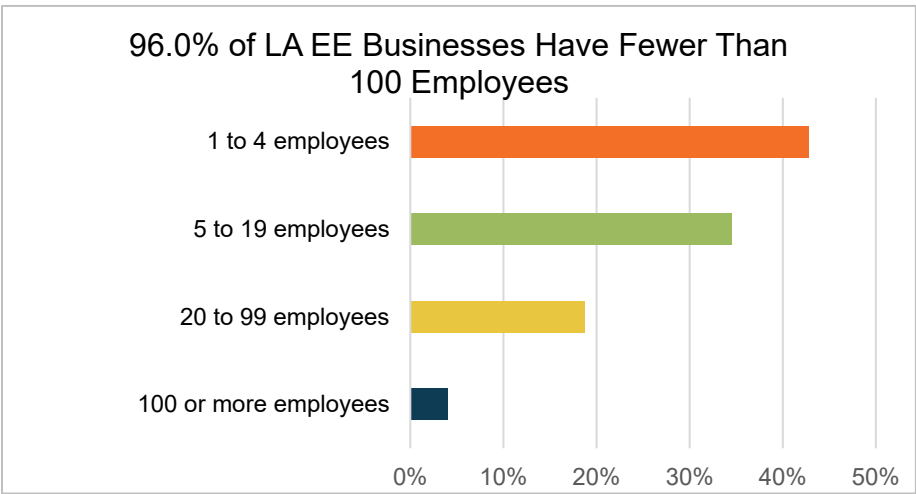
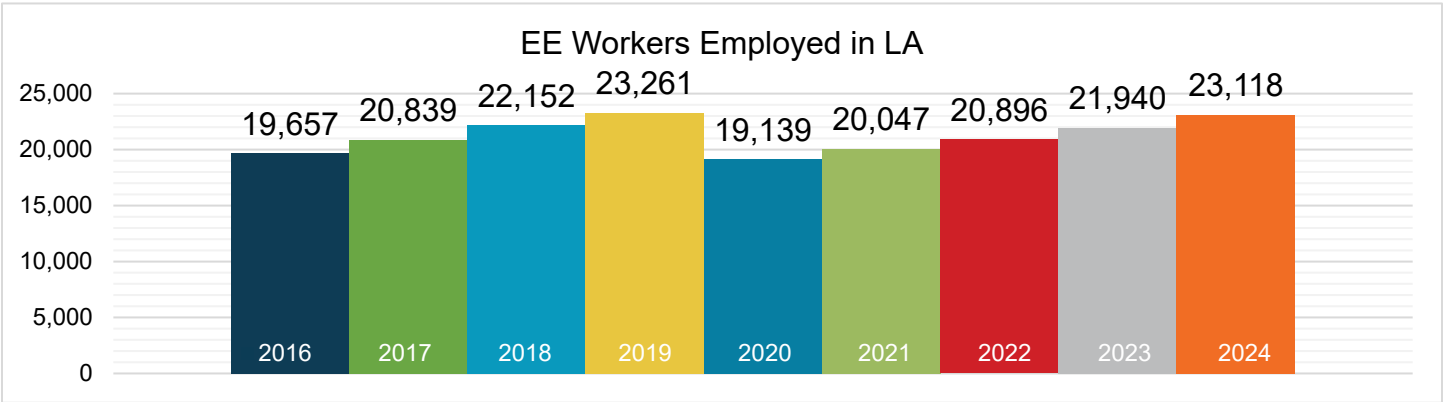
\*\*Nuclear - EPG & Fuels = 1,512

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

Presented by:



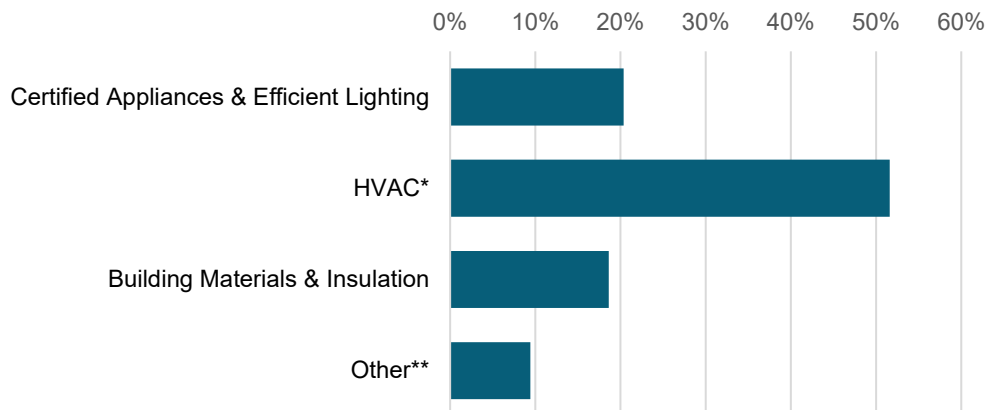
# What does EE look like in Louisiana?



\*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**

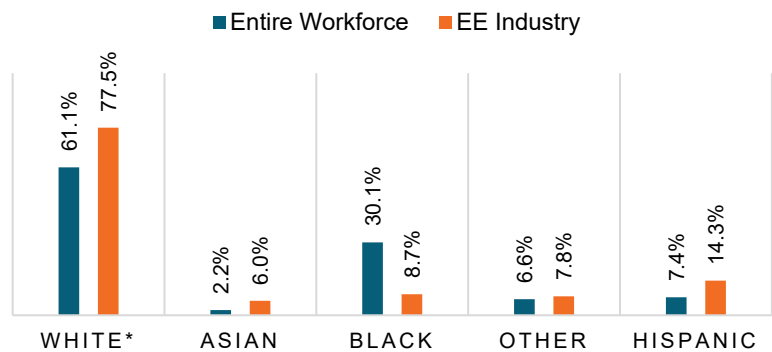


## How representative is the EE workforce in Louisiana?

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.

### Louisiana EE Industry by Race and Ethnicity



\*Includes non-Hispanic and Hispanic whites.

### Gender in the Louisiana EE Workforce

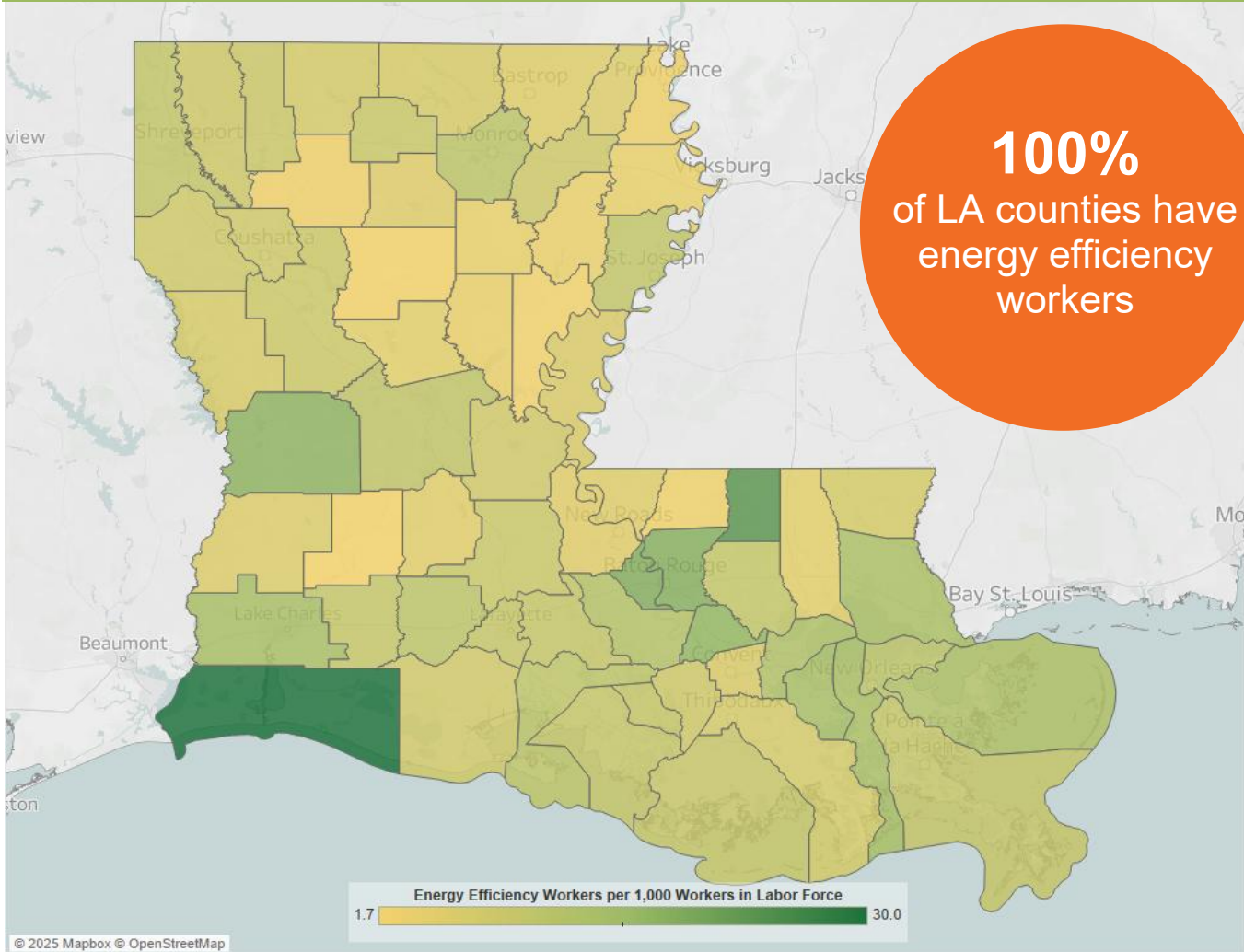


Note: The U.S. Bureau of Labor Statistics (BLS) only includes two genders in their survey. Nonbinary gender data is missing from this document due to this limitation.



# 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](http://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](http://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](mailto:communications@building-performance.org).

