

# Louisiana

## Energy Efficiency Jobs in America

20,896  
Total Jobs

### What are EE Jobs?

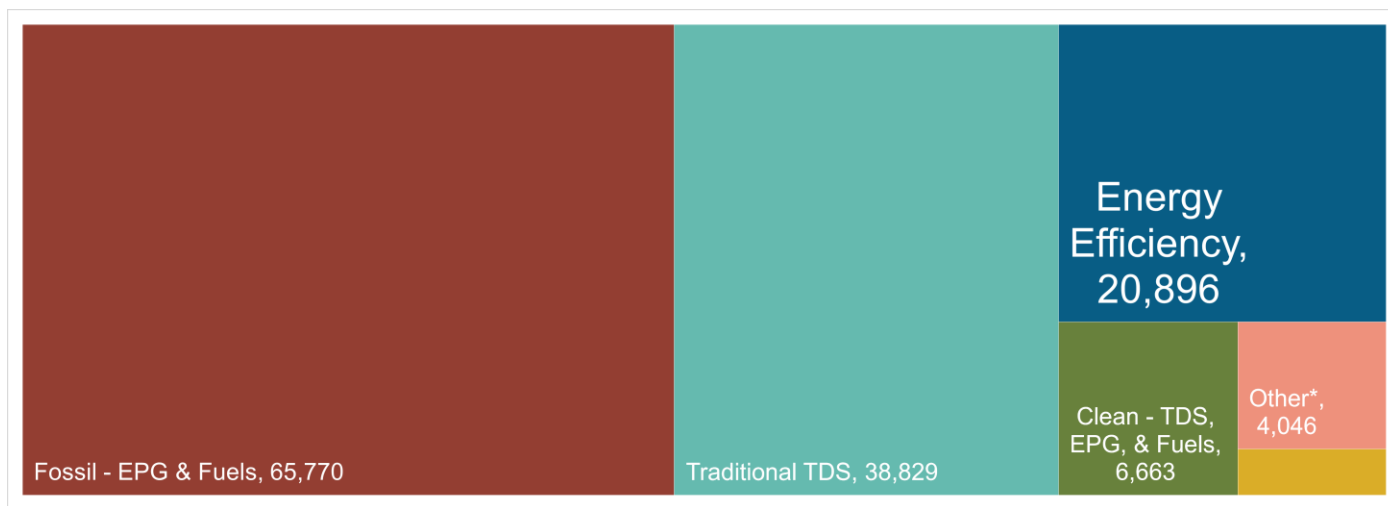
*Jobs that deliver goods and services that lower energy use by improving energy efficiency – with a focus on appliances, buildings, data systems, financing, new technologies, and more.*

### 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 Louisiana?

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



TDS = Transmission, Distribution & Storage

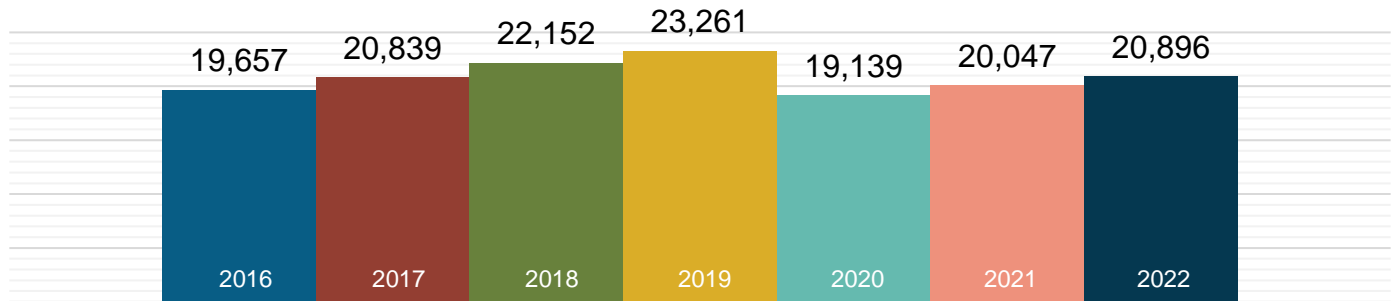
EPG = Electric Power Generation

Nuclear (EPG & Fuels) = 1,465

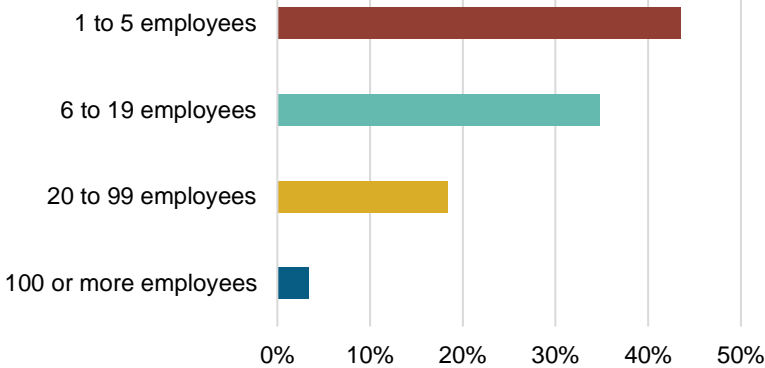
\*Includes other energy subsectors such as corn ethanol, woody biomass, large hydropower, and others.

## What does EE look like in Louisiana?

### EE Workers Employed in LA



### 96.6% of LA EE Businesses Have Fewer Than 100 Employees



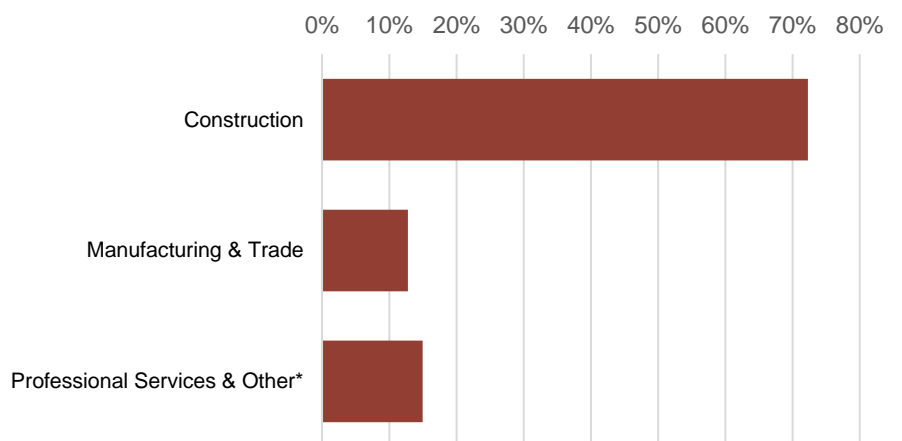
**3,085**  
EE businesses in  
Louisiana



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

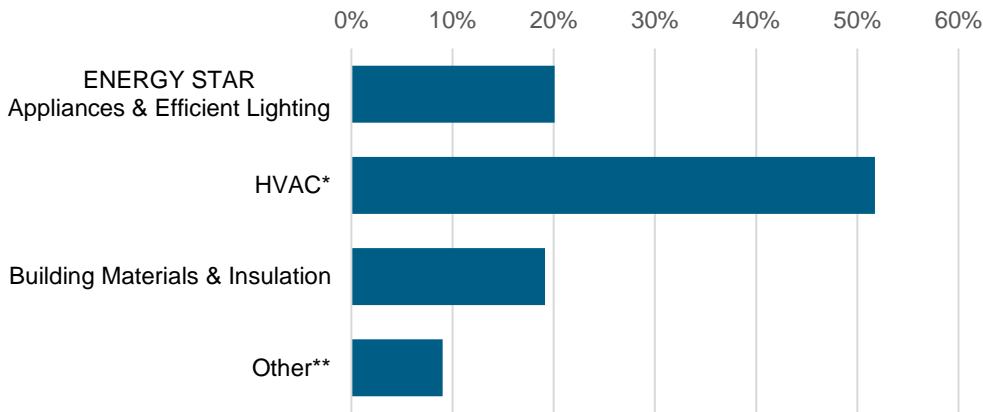


### What type of work do energy efficiency firms do?



\*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?



\*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**

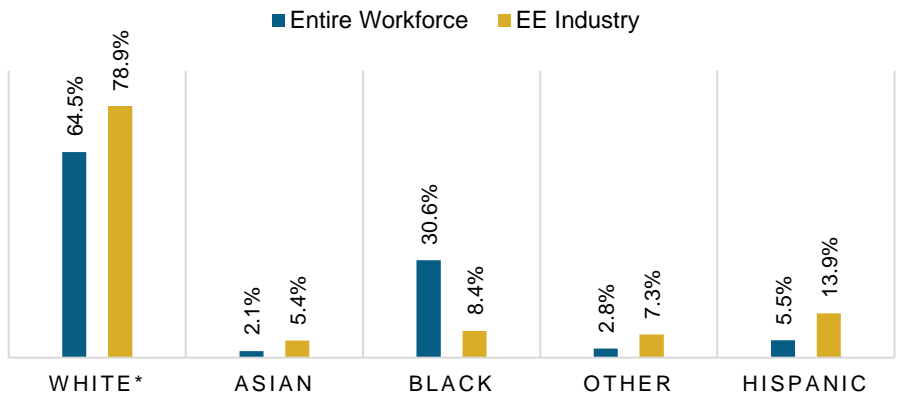


## How is EE doing on diversity in Louisiana?

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 EE businesses.

### Louisiana EE Industry by Race and Ethnicity



\*Includes non-Hispanic and Hispanic whites.

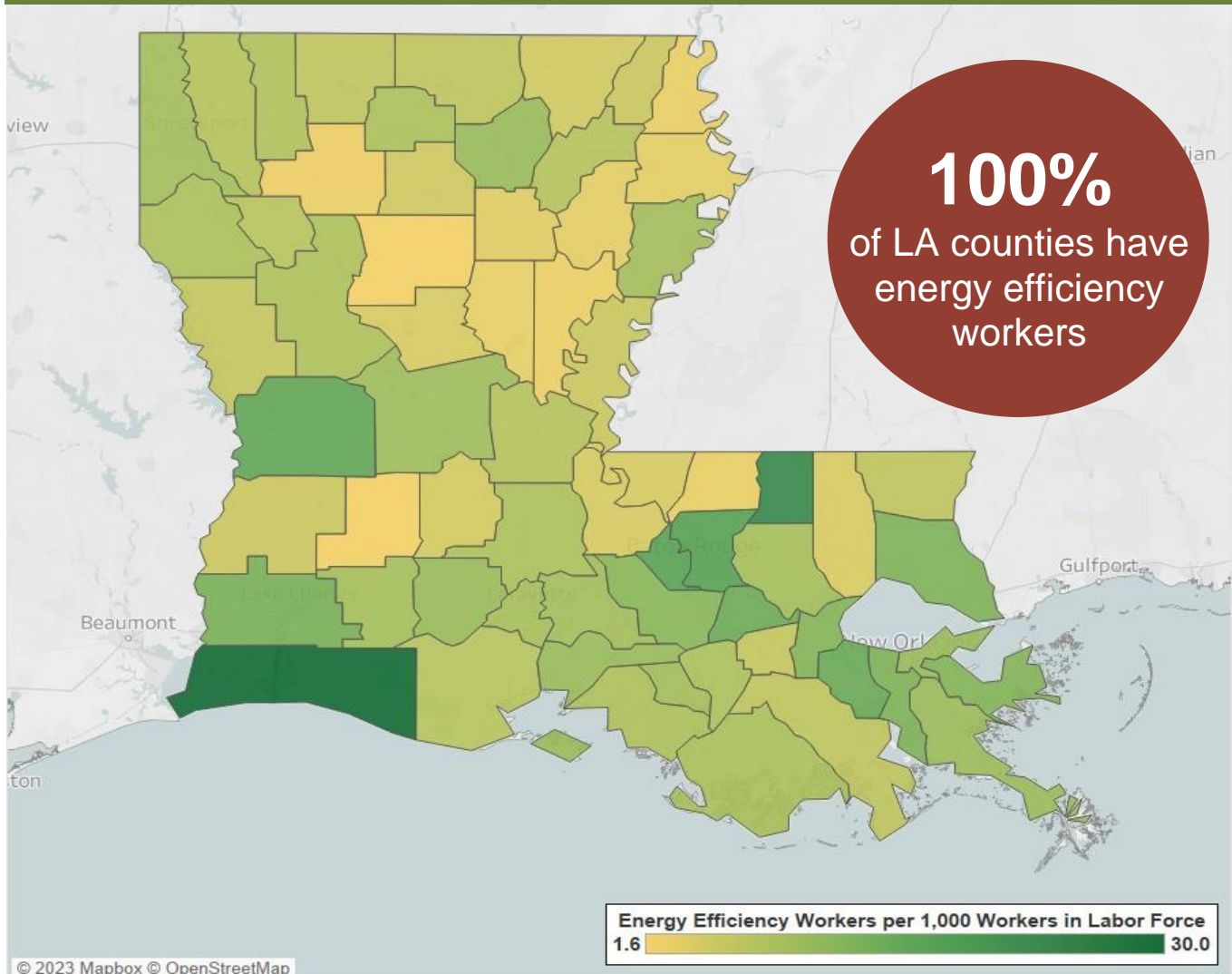
### Gender in the Louisiana EE Workforce



Note: The U.S. Bureau of Labor Statistics (BLS) only includes two genders in their survey. 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 the 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/policy/2023-useer-county-level-data-faq>.

Congressional		Metropolitan Areas	
District	Jobs	Area	Jobs
1	6,079	Alexandria	551
2	3,665	Baton Rouge	5,974
3	3,835	Houma-Thibodaux	617
4	2,864	Lafayette	1,757
5	2,161	Lake Charles	1,631
6	2,292	Monroe	739
		New Orleans-Metairie	6,263
		Shreveport-Bossier City	1,462
		Rural	1,902

## State Senate

District	Jobs		District	Jobs		District	Jobs		District	Jobs
1	687		11	917		21	386		31	186
2	918		12	114		22	610		32	425
3	809		13	246		23	1,216		33	742
4	1,228		14	1,651		24	236		34	44
5	1,155		15	274		25	998		35	<10
6	1,106		16	<10		26	126		36	578
7	257		17	304		27	257		37	1,006
8	24		18	201		28	172		38	304
9	858		19	256		29	918		39	85
10	683		20	696		30	215			

## State House of Representatives

District	Jobs		District	Jobs		District	Jobs		District	Jobs
1	394		28	62		55	<10		82	294
2	1,036		29	322		56	257		83	121
3	231		30	<10		57	36		84	197
4	<10		31	1,067		58	361		85	189
5	31		32	56		59	141		86	11
6	<10		33	412		60	21		87	<10
7	101		34	258		61	445		88	<10
8	<10		35	14		62	136		89	148
9	<10		36	137		63	11		90	72
10	114		37	99		64	274		91	1,098
11	206		38	237		65	321		92	<10
12	61		39	208		66	858		93	465
13	282		40	<10		67	296		94	116
14	516		41	83		68	<10		95	<10
15	19		42	<10		69	<10		96	<10
16	<10		43	231		70	<10		97	30
17	62		44	171		71	<10		98	<10
18	247		45	<10		72	301		99	58
19	124		46	72		73	419		100	27
20	100		47	177		74	469		101	<10
21	38		48	249		75	<10		102	95
22	128		49	32		76	311		103	118
23	14		50	212		77	59		104	<10
24	237		51	745		78	699			
25	458		52	43		79	106			
26	<10		53	44		80	1,072			
27	59		54	72		81	89			



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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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