

# South Carolina

## Energy Efficiency Jobs in America



### What are EE Jobs?

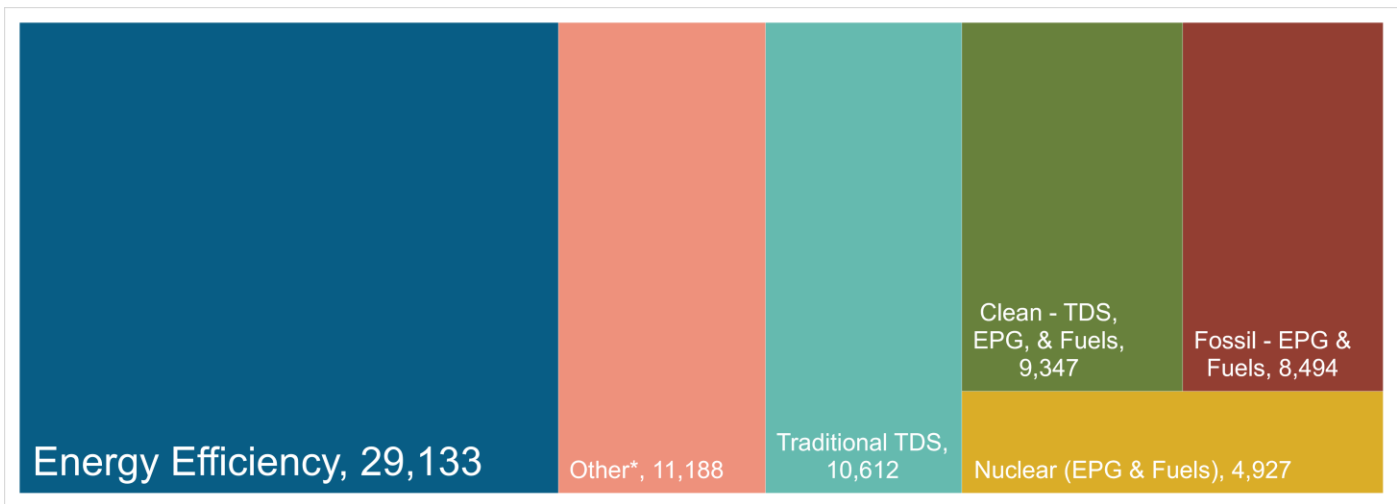
*Jobs that deliver goods and services that lower energy use by improving energy efficiency – with a focus on appliances, buildings, data systems, financing, new technologies, and more.*

### 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 South Carolina?

*Energy Efficiency is the largest energy sector in South Carolina.*



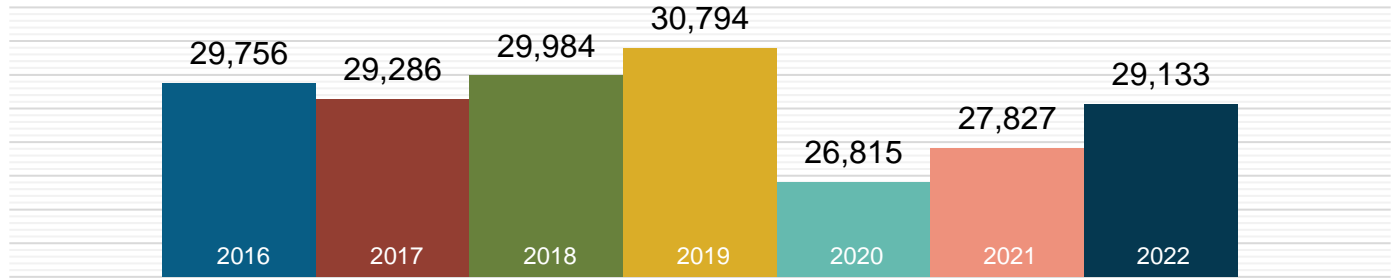
TDS = Transmission, Distribution & Storage

EPG = Electric Power Generation

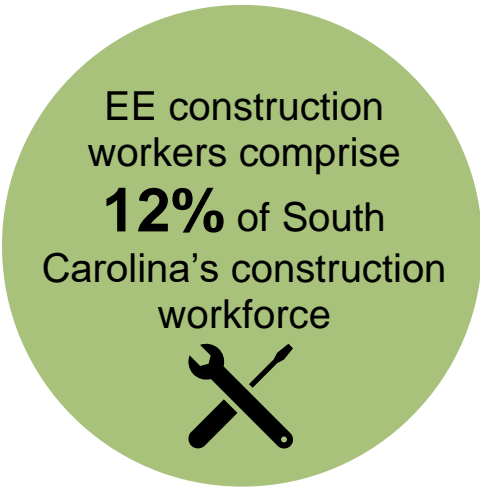
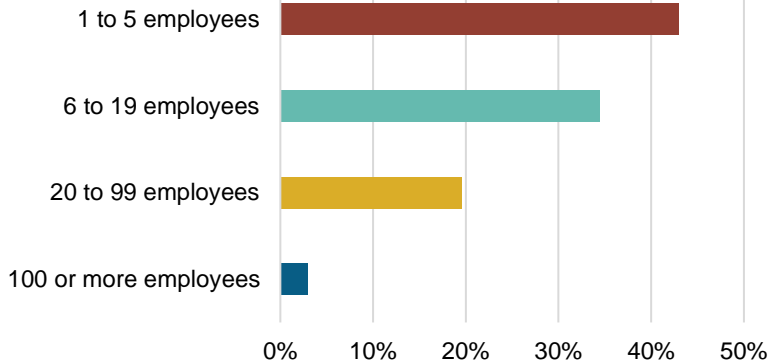
\*Includes other energy subsectors such as corn ethanol, woody biomass, large hydropower, and others.

# What does EE look like in South Carolina?

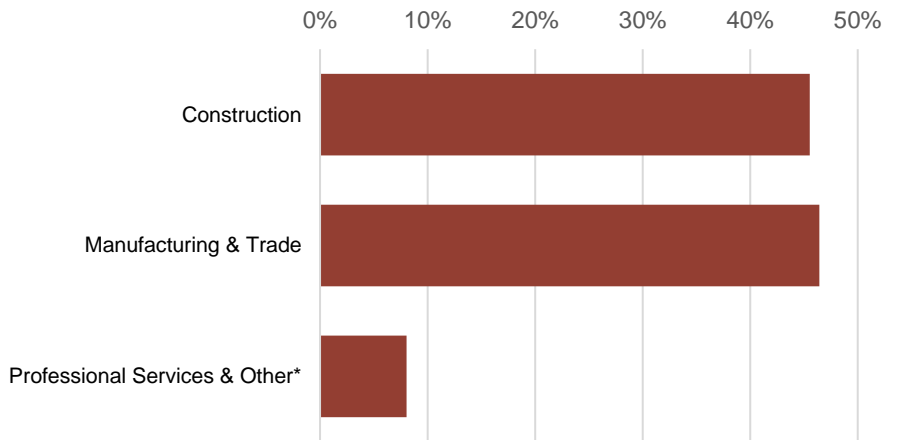
## EE Workers Employed in SC



## 97% of SC EE Businesses Have Fewer Than 100 Employees

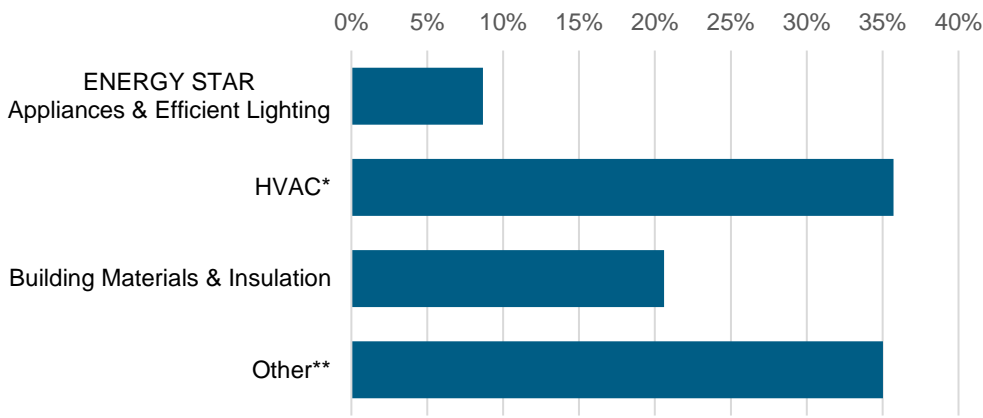


## What type of work do energy efficiency firms do?



\*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?



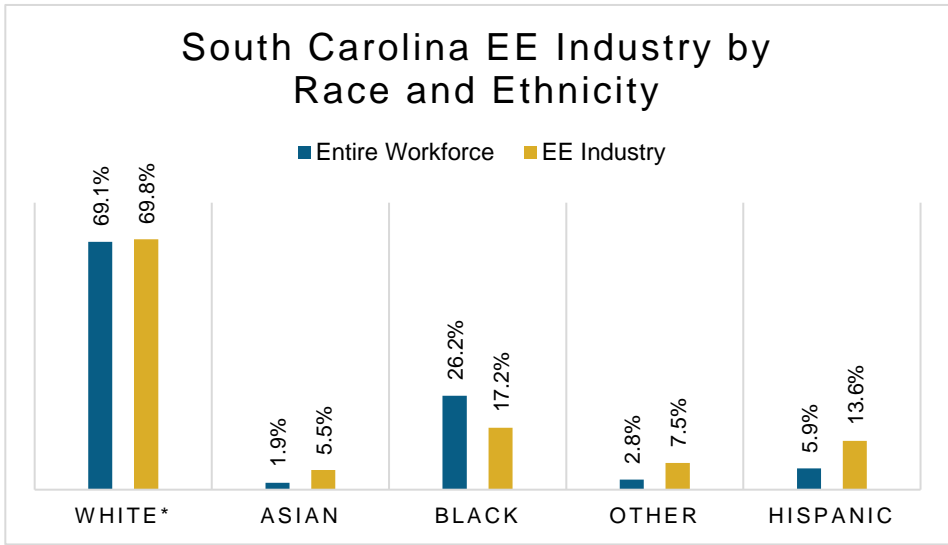
**9%**  
of South Carolina  
EE workers are  
**Veterans**

\*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 South Carolina?

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 South Carolina 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.



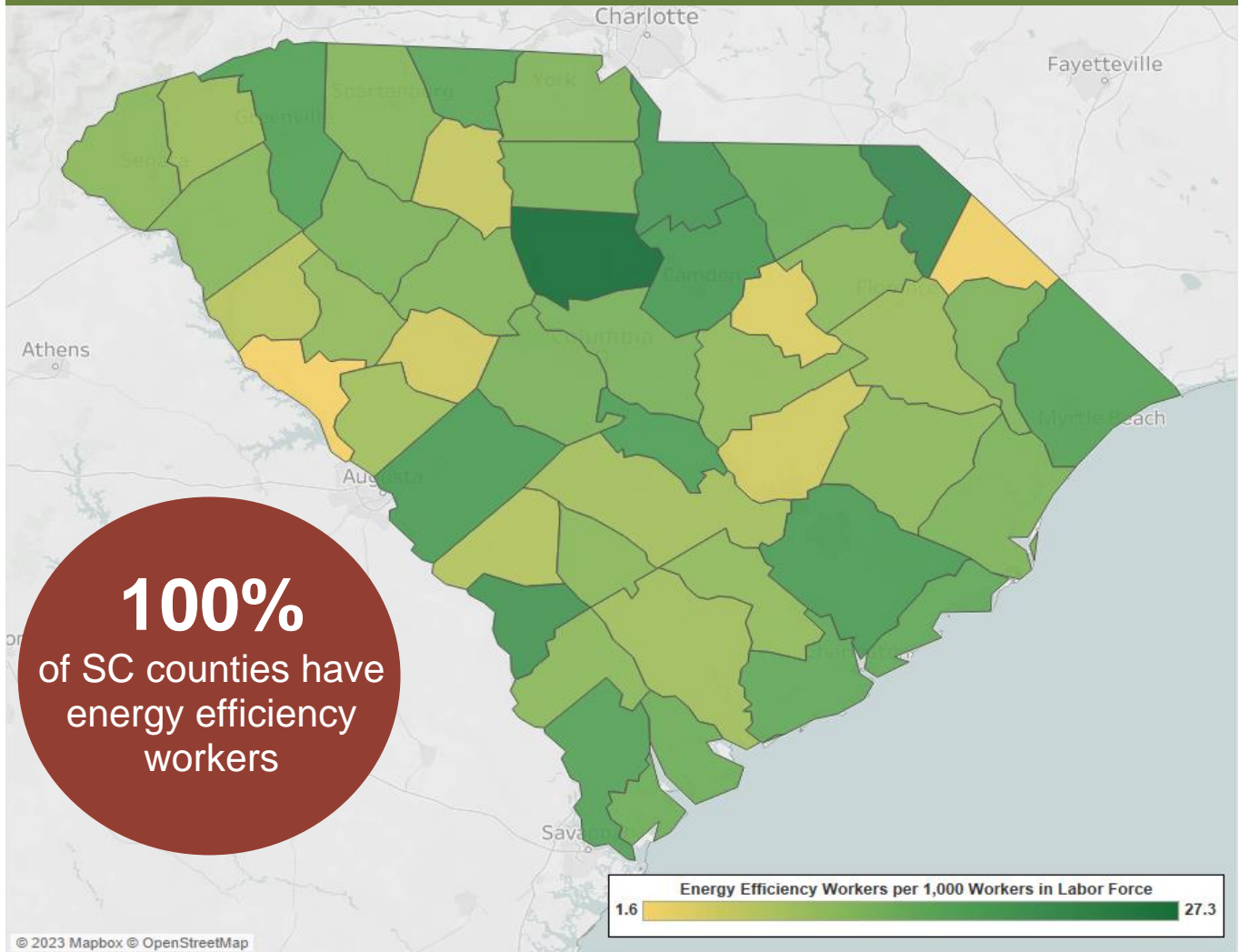
\*Includes non-Hispanic and Hispanic whites.



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	Area	Jobs
1	6,563	Augusta-Richmond County	1,147	Spartanburg	1,775
2	4,361	Charleston-North Charleston	5,358	Sumter	377
3	3,818	Charlotte-Concord-Gastonia	1,846	Rural	4,606
4	4,799	Columbia	4,925		
5	2,950	Florence	842		
6	2,748	Greenville-Anderson-Mauldin	6,098		
7	3,894	Myrtle Beach-Conway-North Myrtle Beach	2,160		

## State Senate

District	Jobs	District	Jobs	District	Jobs	District	Jobs
1	436	13	229	25	29	37	1,630
2	809	14	478	26	204	38	804
3	956	15	1,080	27	541	39	661
4	435	16	276	28	1,323	40	213
5	1,342	17	237	29	873	41	1,160
6	2,039	18	1,027	30	145	42	715
7	460	19	1,966	31	144	43	811
8	241	20	500	32	379	44	<10
9	277	21	239	33	865	45	598
10	304	22	72	34	1,308	46	391
11	1,034	23	533	35	404		
12	182	24	652	36	130		

## State House of Representatives

District	Jobs	District	Jobs	District	Jobs	District	Jobs
1	307	32	<10	63	<10	94	208
2	24	33	<10	64	144	95	<10
3	462	34	90	65	<10	96	<10
4	212	35	<10	66	344	97	157
5	87	36	145	67	<10	98	377
6	874	37	<10	68	592	99	1,055
7	38	38	<10	69	1,069	100	61
8	75	39	447	70	192	101	147
9	<10	40	213	71	167	102	<10
10	233	41	251	72	1,589	103	297
11	438	42	118	73	<10	104	314
12	64	43	48	74	259	105	<10
13	56	44	274	75	<10	106	326
14	297	45	<10	76	239	107	<10
15	701	46	<10	77	<10	108	46
16	285	47	<10	78	<10	109	514
17	949	48	<10	79	<10	110	565
18	285	49	<10	80	<10	111	647
19	<10	50	444	81	423	112	<10
20	489	51	378	82	58	113	<10
21	687	52	81	83	151	114	300
22	750	53	157	84	46	115	253
23	297	54	128	85	<10	116	57
24	90	55	339	86	40	117	<10
25	<10	56	619	87	<10	118	619
26	784	57	105	88	102	119	<10
27	<10	58	337	89	78	120	686
28	<10	59	648	90	338	121	332
29	961	60	94	91	127	122	38
30	26	61	112	92	481	123	<10
31	1,068	62	<10	93	67	124	40



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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.

For questions on E4TheFuture analyses please email: [policy@e4thefuture.org](mailto:policy@e4thefuture.org)