

South Carolina

Energy Efficiency Jobs in America



31,530
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 South Carolina?

Energy efficiency is the largest energy sector in South Carolina.



TDS = Transmission, Distribution, & Storage

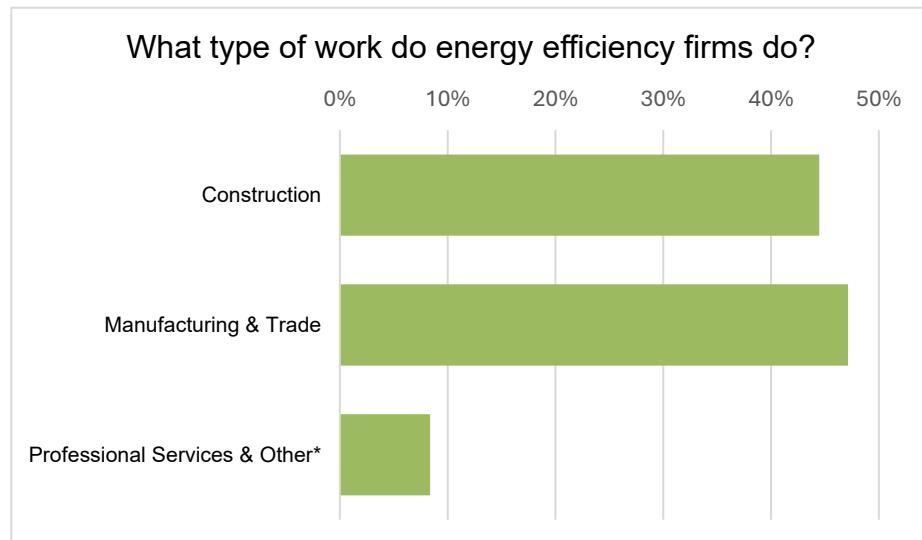
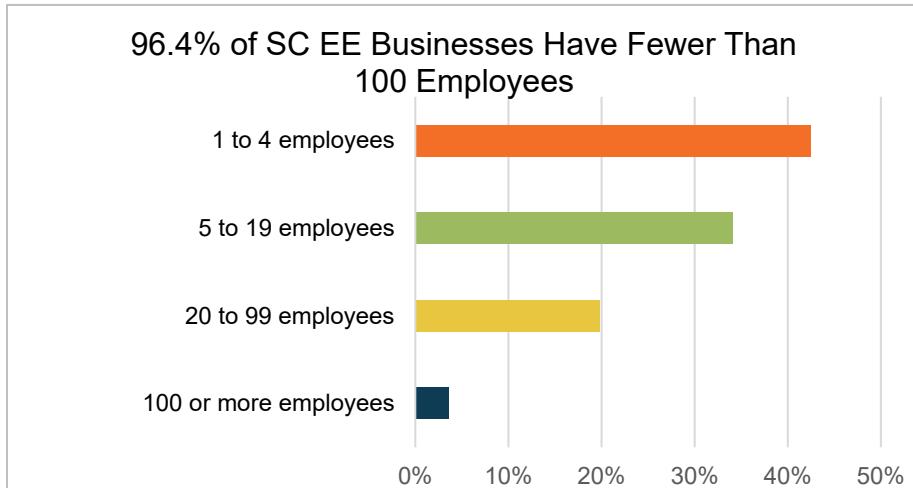
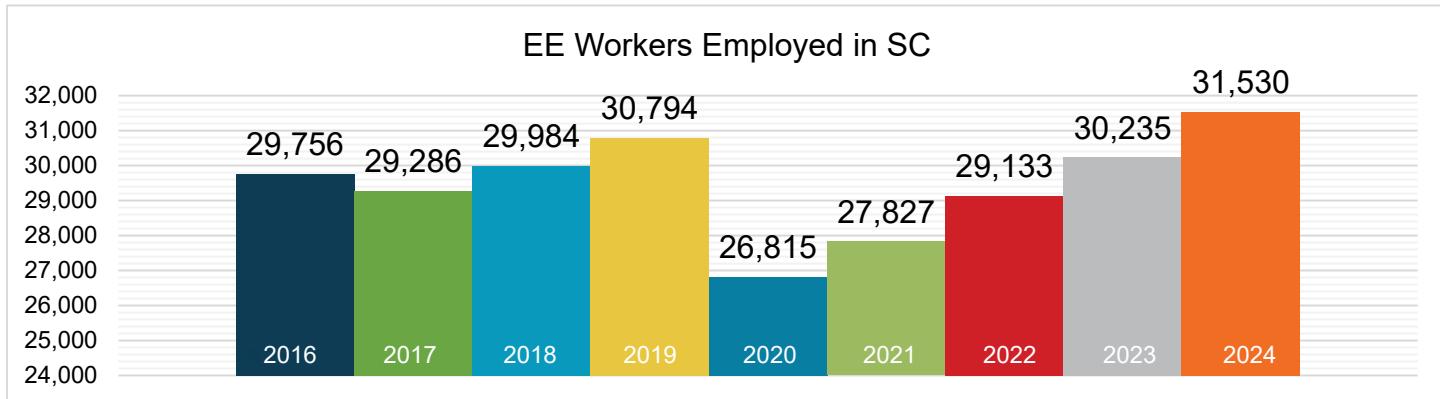
EPG = Electric Power Generation

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

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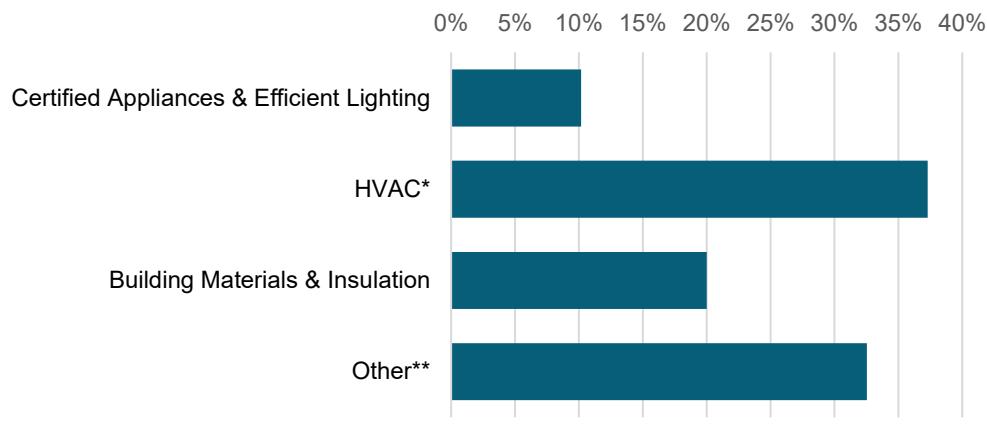


What does EE look like in South Carolina?



*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

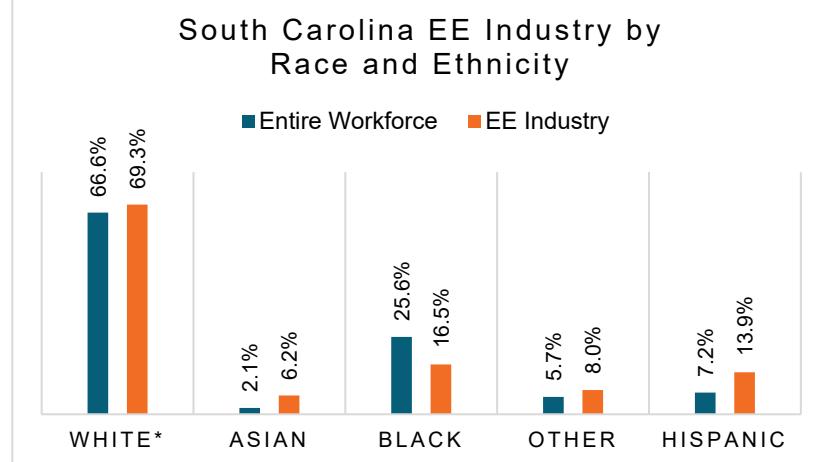
9%
of South Carolina
EE workers are
veterans



How representative is the EE workforce in South Carolina?

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

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



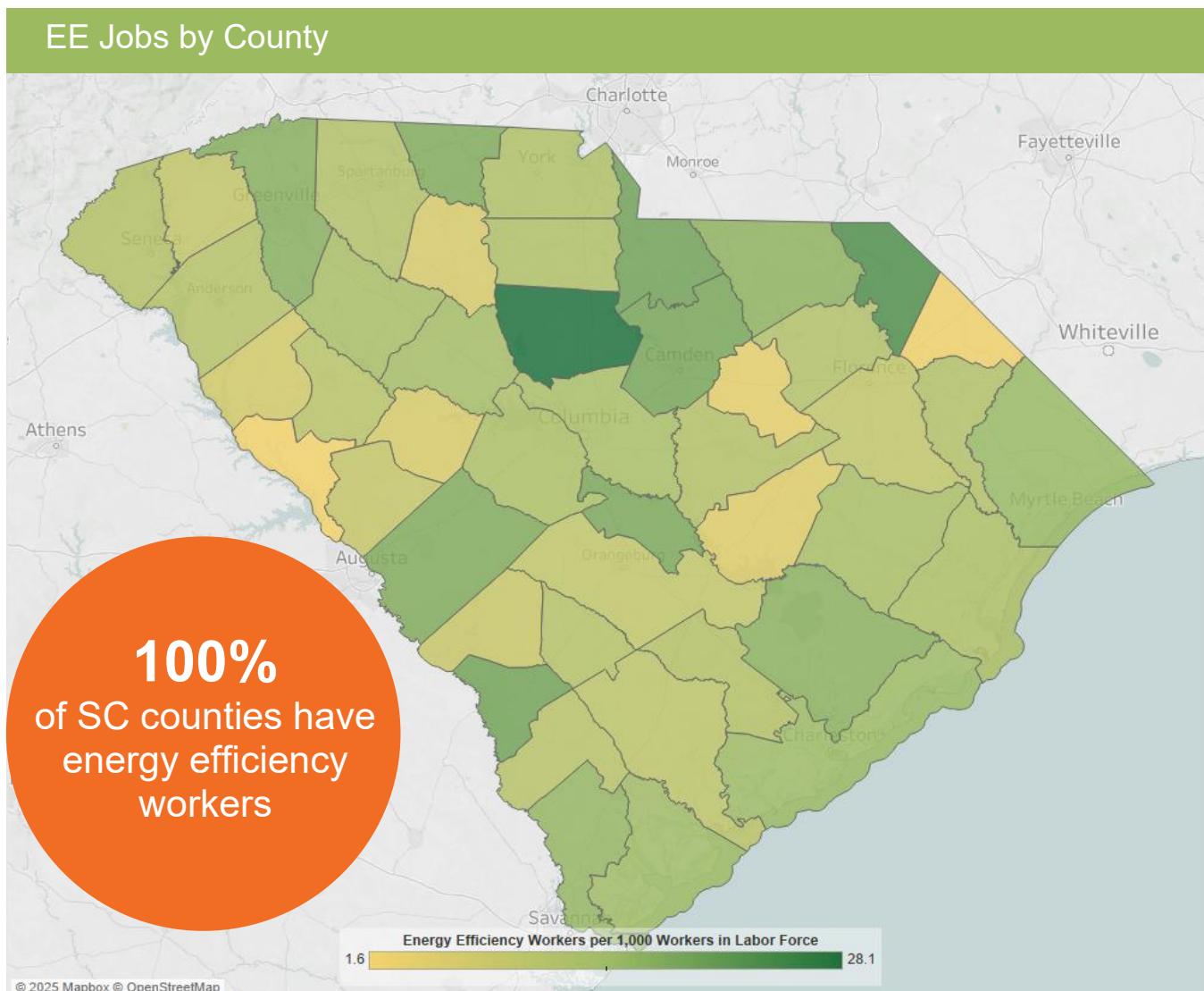
*Includes non-Hispanic and Hispanic whites.

Gender in the South Carolina 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



Congressional		Metropolitan Areas			
District	Jobs	Area	Jobs	Area	Jobs
1	4,710	Augusta-Richmond County	1,238	Spartanburg	1,915
2	4,953	Charleston-North Charleston	5,869	Sumter	406
3	3,231	Charlotte-Concord-Gastonia	1,985	Rural	5,009
4	6,259	Columbia	5,371		
5	3,740	Florence	908		
6	4,665	Greenville-Anderson-Mauldin	6,649		
7	3,971	Myrtle Beach-Conway-North Myrtle Beach	2,181		

State Senate

District	Jobs	District	Jobs	District	Jobs	District	Jobs
1	418	13	450	25	314	37	792
2	277	14	683	26	625	38	385
3	468	15	451	27	639	39	407
4	447	16	589	28	397	40	332
5	1,165	17	608	29	473	41	469
6	1,461	18	735	30	392	42	898
7	1,140	19	556	31	543	43	960
8	1,112	20	1,744	32	682	44	574
9	856	21	796	33	947	45	615
10	728	22	1,215	34	684	46	628
11	699	23	701	35	397		
12	622	24	1,026	36	433		

State House of Representatives

District	Jobs	District	Jobs	District	Jobs	District	Jobs
1	148	32	275	63	209	94	153
2	141	33	200	64	53	95	144
3	123	34	193	65	201	96	445
4	92	35	94	66	182	97	33
5	93	36	141	67	274	98	211
6	48	37	175	68	293	99	215
7	148	38	302	69	1,038	100	265
8	232	39	205	70	271	101	118
9	295	40	193	71	263	102	94
10	208	41	245	72	618	103	237
11	148	42	117	73	303	104	248
12	127	43	62	74	139	105	510
13	171	44	185	75	328	106	246
14	179	45	317	76	403	107	273
15	349	46	269	77	199	108	132
16	134	47	326	78	148	109	253
17	280	48	<10	79	396	110	648
18	304	49	266	80	453	111	258
19	606	50	87	81	298	112	109
20	447	51	56	82	240	113	298
21	377	52	189	83	264	114	483
22	377	53	117	84	259	115	749
23	419	54	195	85	237	116	197
24	431	55	61	86	150	117	222
25	361	56	307	87	391	118	374
26	188	57	114	88	189	119	379
27	761	58	235	89	212	120	666
28	409	59	217	90	133	121	269
29	215	60	139	91	105	122	230
30	279	61	109	92	326	123	218
31	312	62	138	93	151	124	198





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.

