

South Carolina

Energy Efficiency Jobs in America



What are EE jobs?

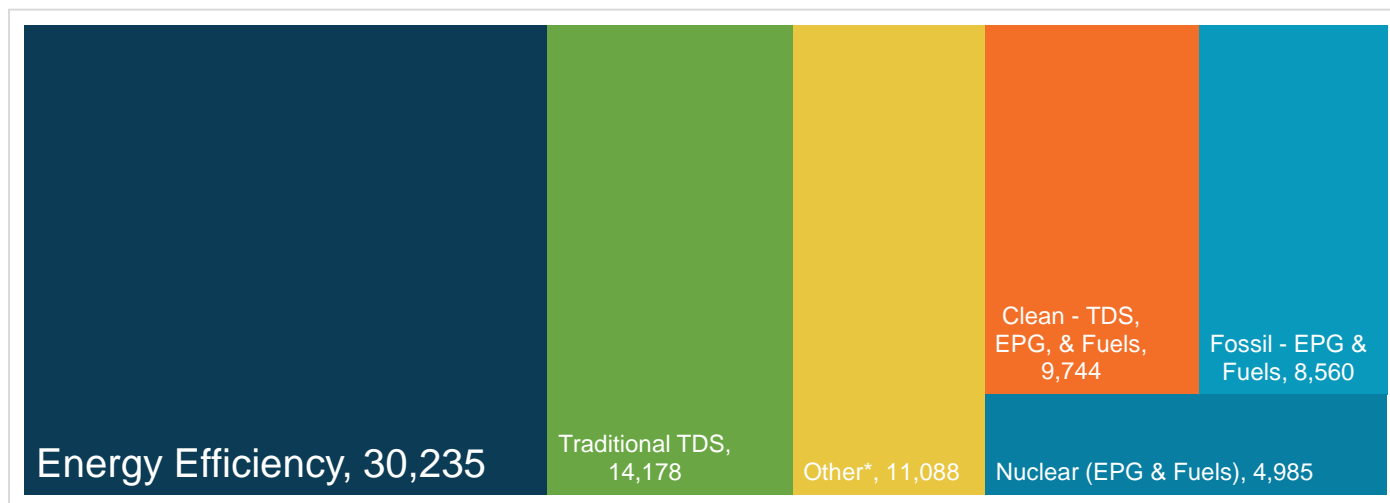
Jobs that deliver goods and services that lower energy use by improving energy efficiency with a focus on appliances, buildings, data systems, financing, new technologies, and more.

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 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 South Carolina?

Energy efficiency is the largest energy sector in South Carolina.



TDS = Transmission, Distribution & Storage

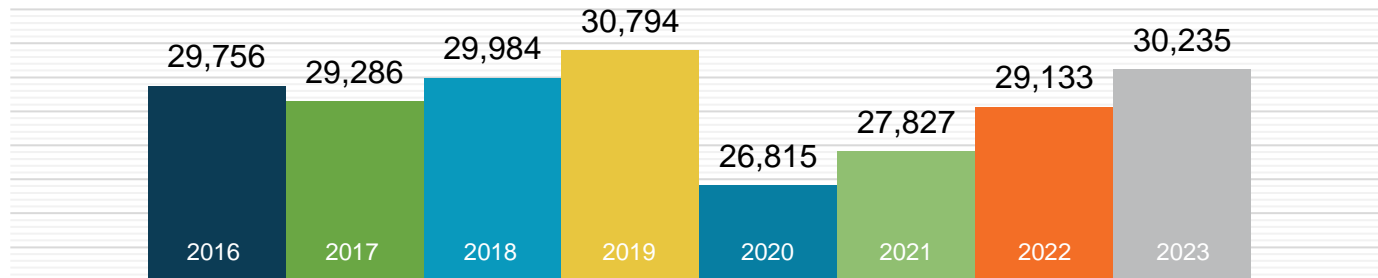
EPG = Electric Power Generation

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

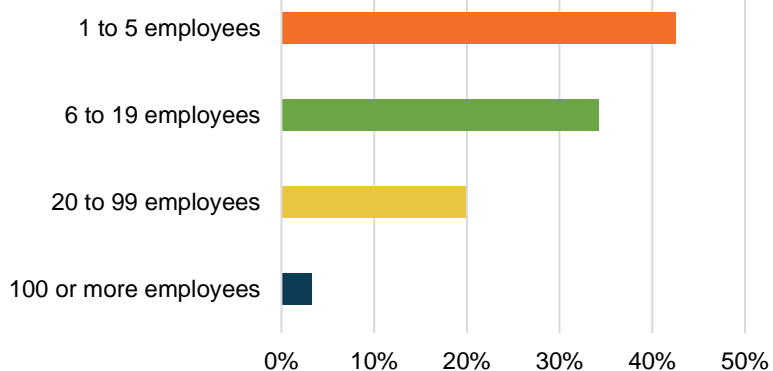


What does EE look like in South Carolina?

EE Workers Employed in SC



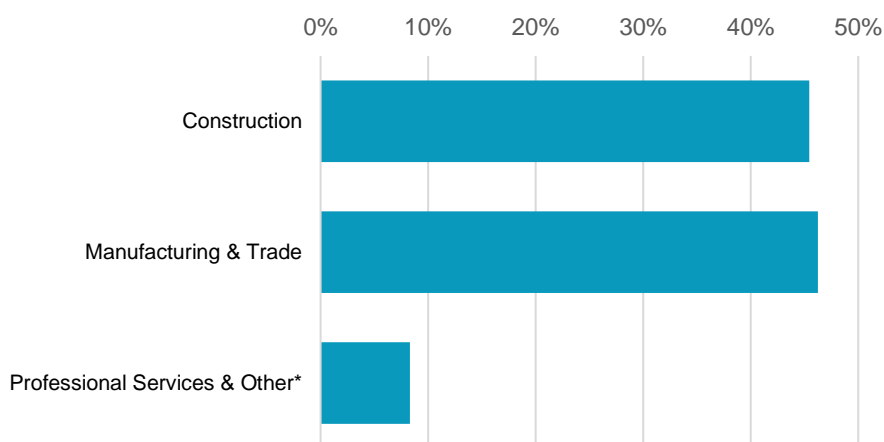
96.7% of SC EE Businesses Have Fewer Than 100 Employees



EE construction workers comprise **12%** of South Carolina's construction workforce

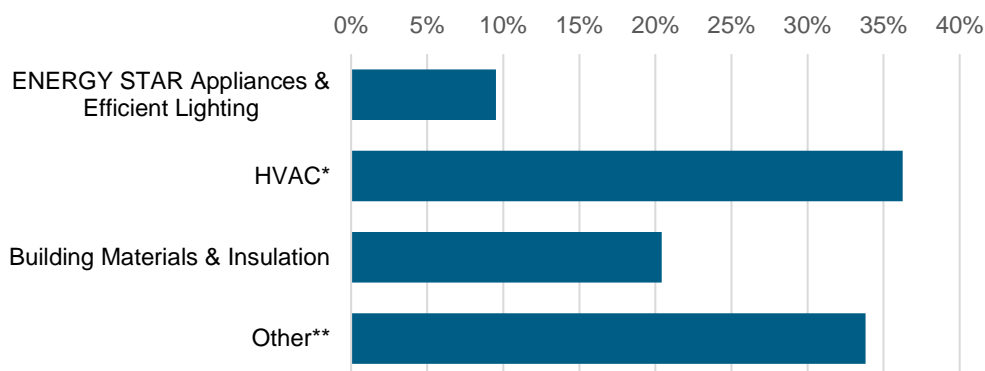


What type of work do energy efficiency firms do?

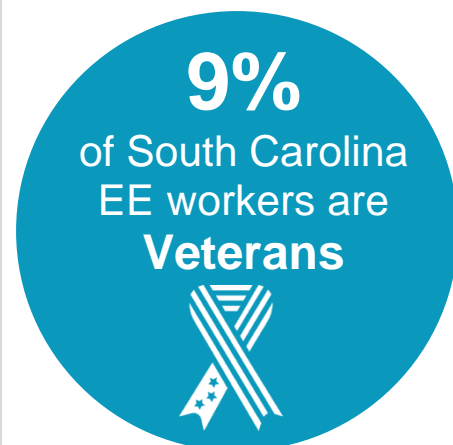


*Professional services include finance/accounting, architecture, engineering, R&D, etc. and other includes maintenance, and business, and nonprofit organizations.

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

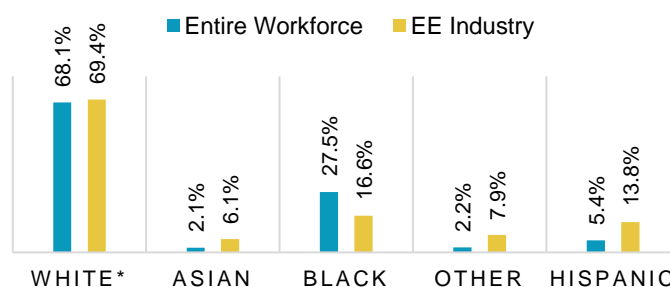


How is EE doing on diversity in South Carolina?

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 South Carolina businesses.

South Carolina EE Industry by Race and Ethnicity



*Includes non-Hispanic and Hispanic whites.

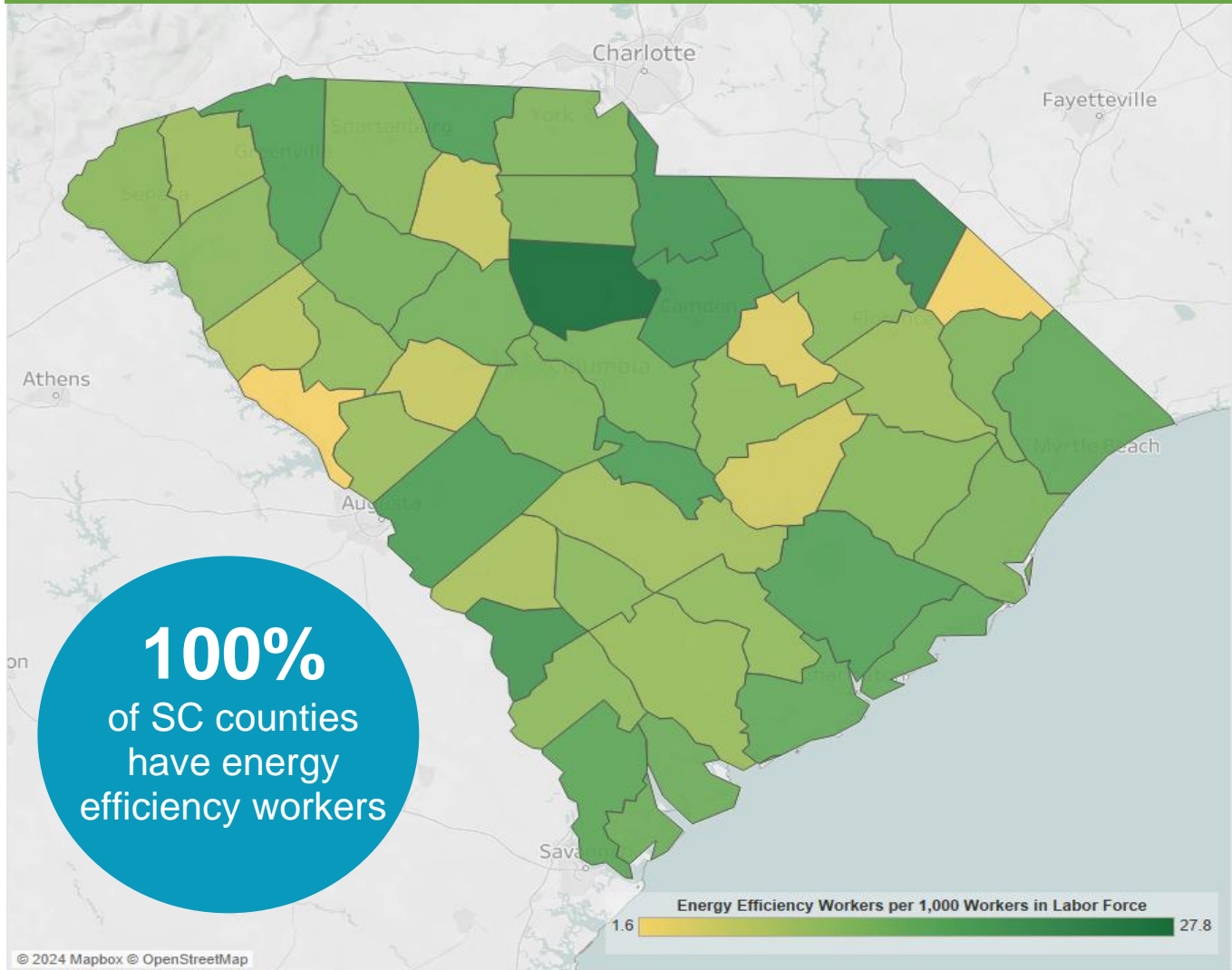
Gender in the South Carolina EE Workforce



Note: The U.S. Bureau of Labor Statistics (BLS) only includes two genders in their survey. 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	4,472	Augusta-Richmond County		1,192	Spartanburg		1,845
2	4,019	Charleston-North Charleston		5,593	Sumter		392
3	4,018	Charlotte-Concord-Gastonia		1,916	Rural		4,817
4	5,154	Columbia		5,139			
5	3,935	Florence		875			
6	4,249	Greenville-Anderson-Mauldin		6,378			
7	4,388	Myrtle Beach-Conway-North Myrtle Beach		2,089			

State Senate										
District	Jobs		District	Jobs		District	Jobs		District	Jobs
1	451		13	237		25	30		37	1,686
2	838		14	495		26	211		38	831
3	995		15	1,118		27	560		39	684
4	450		16	287		28	1,371		40	220
5	1,390		17	260		29	903		41	1,200
6	2,134		18	1,068		30	150		42	740
7	476		19	2,065		31	149		43	839
8	249		20	522		32	392		44	<10
9	286		21	248		33	895		45	619
10	314		22	74		34	1,353		46	405
11	1,069		23	552		35	417			
12	188	24	675	36	135					

State House of Representatives										
District	Jobs		District	Jobs		District	Jobs		District	Jobs
1	316		32	<10		63	<10		94	214
2	24		33	<10		64	148		95	<10
3	478		34	92		65	<10		96	<10
4	220		35	<10		66	355		97	162
5	90		36	150		67	<10		98	388
6	906		37	<10		68	610		99	1,086
7	39		38	<10		69	1,101		100	63
8	77		39	460		70	198		101	152
9	<10		40	220		71	177		102	<10
10	240		41	274		72	1,640		103	306
11	451		42	122		73	<10		104	323
12	66		43	49		74	266		105	<10
13	57		44	284		75	<10		106	336
14	306		45	<10		76	246		107	<10
15	722		46	<10		77	<10		108	47
16	293		47	<10		78	<10		109	529
17	980		48	<10		79	<10		110	582
18	295		49	<10		80	<10		111	666
19	<10		50	458		81	436		112	<10
20	503		51	390		82	59		113	<10
21	732		52	83		83	155		114	309
22	772		53	162		84	47		115	260
23	306		54	132		85	<10		116	59
24	92		55	352		86	41		117	<10
25	<10		56	637		87	<10		118	637
26	808		57	108		88	105		119	<10
27	<10		58	347		89	80		120	706
28	<10		59	668		90	348		121	342
29	990		60	96		91	131		122	40
30	27		61	115		92	495		123	<10
31	1,100	62	<10	93	69	124	41			





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

