

Georgia

Energy Efficiency Jobs in America

58,067
Total Jobs

What are EE jobs?

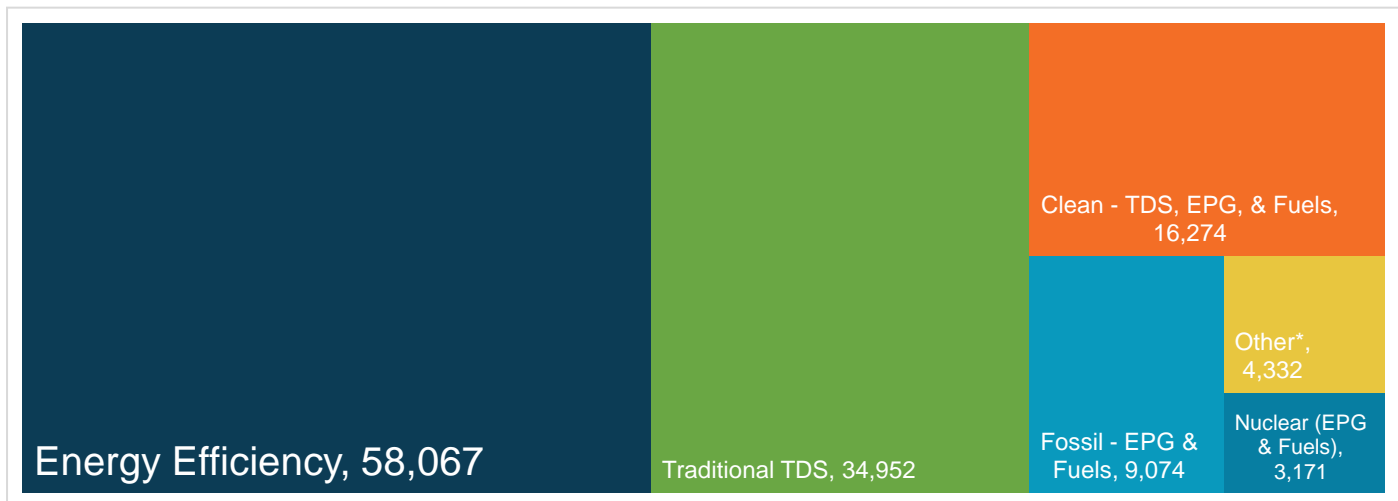
Jobs that deliver goods and services that lower energy use by improving energy efficiency with a focus on appliances, buildings, data systems, financing, new technologies, and more.

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 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 Georgia?

Energy efficiency is the largest energy sector in Georgia.



TDS = Transmission, Distribution & Storage

EPG = Electric Power Generation

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

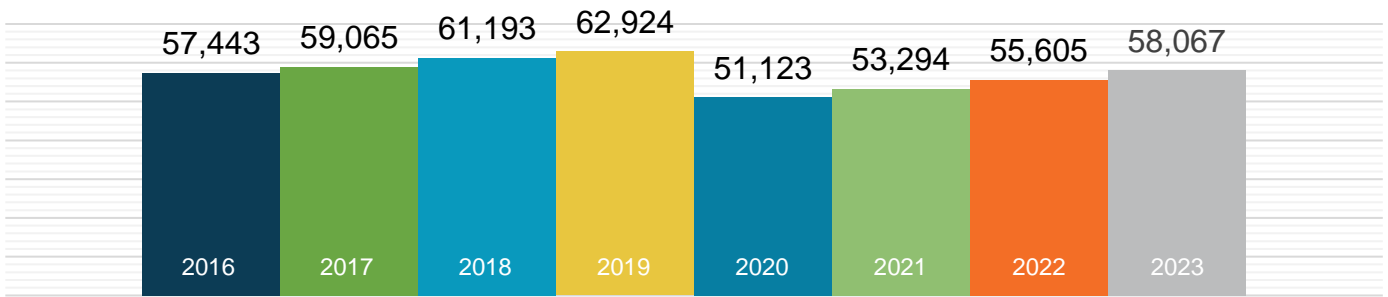
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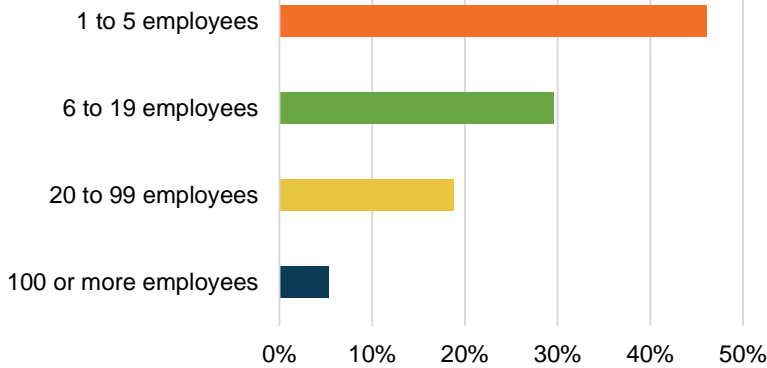
E4 THE FUTURE

What does EE look like in Georgia?

EE Workers Employed in GA



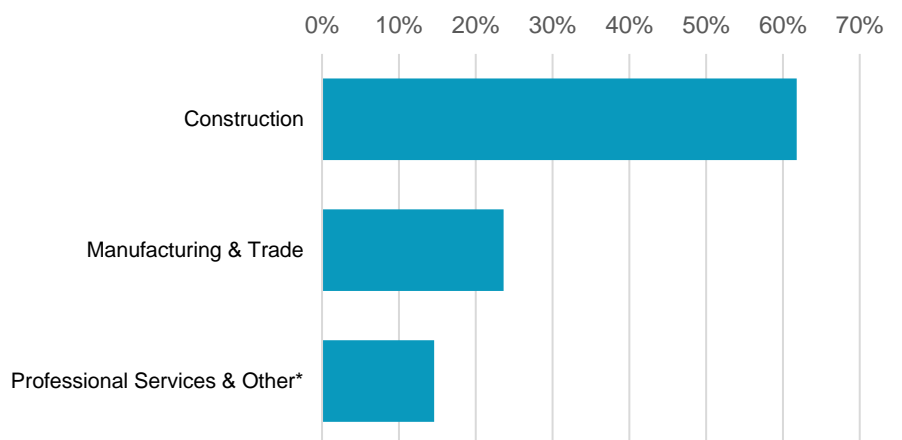
94.6% of GA EE Businesses Have Fewer Than 100 Employees



EE construction workers comprise **16%** of Georgia's construction workforce

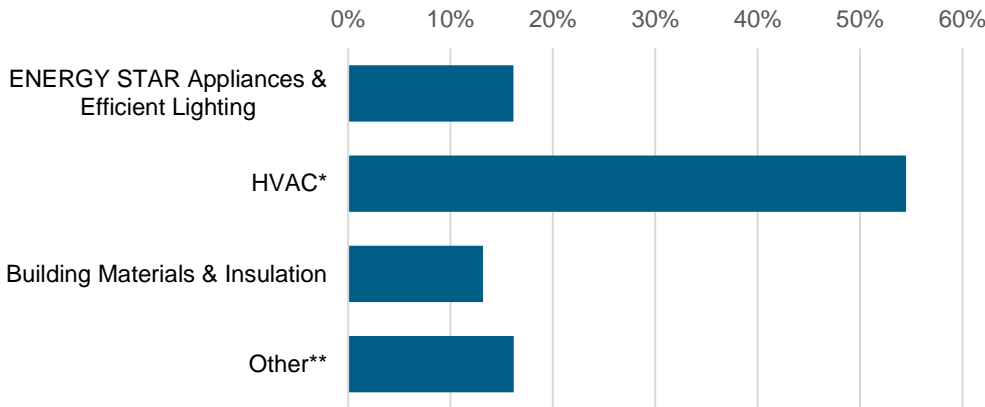


What type of work do energy efficiency firms do?



*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

11%
 of Georgia
 EE workers are
Veterans

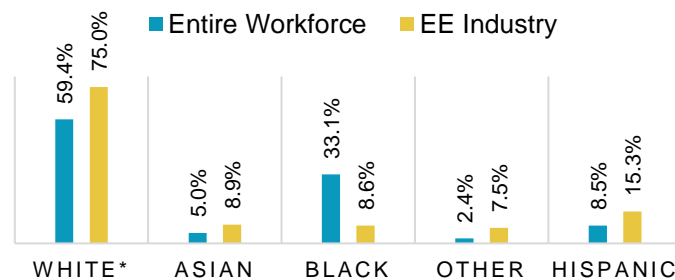


How is EE doing on diversity in Georgia?

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 Georgia 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 Georgia businesses.

Georgia EE Industry by Race and Ethnicity



*Includes non-Hispanic and Hispanic whites.

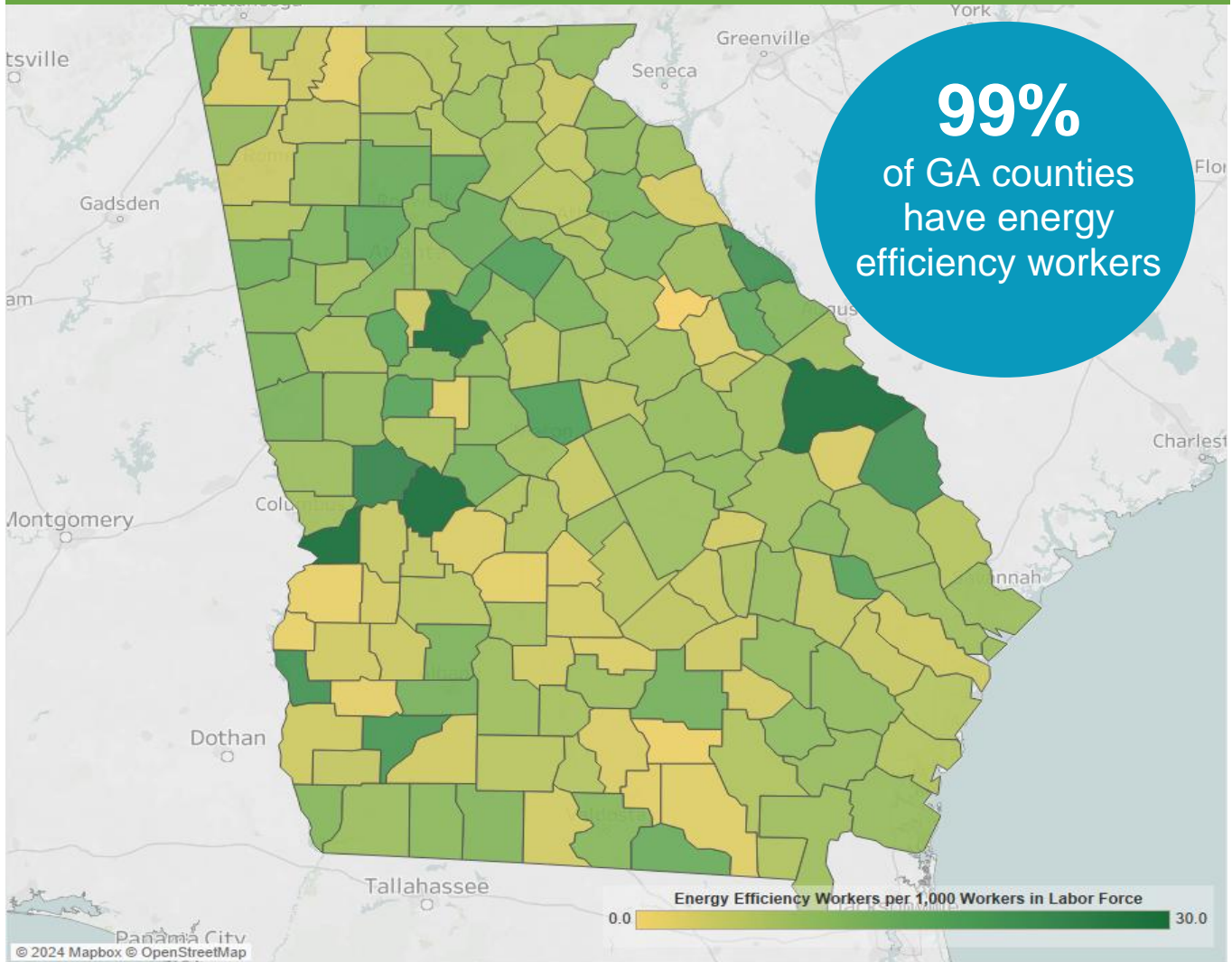
Gender in the Georgia EE Workforce



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 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/330956>.

Congressional				Metropolitan Areas			
District	Jobs	District	Jobs	Area	Jobs	Area	Jobs
1	3,835	9	2,555	Albany	717	Gainesville	796
2	3,034	10	5,675	Athens-Clarke County	687	Hinesville	81
3	4,559	11	4,080	Atlanta-Sandy Springs-Roswell	41,386	Macon	862
4	2,910	12	4,687	Augusta-Richmond County	2,088	Rome	192
5	4,396	13	5,136	Brunswick	308	Savannah	1,699
6	5,337	14	2,622	Chattanooga	229	Valdosta	563
7	6,373			Columbus	917	Warner Robins	534
8	2,868			Dalton	243	Rural	6,766

State Senate

District	Jobs		District	Jobs		District	Jobs		District	Jobs
1	1,501		15	899		29	252		43	452
2	499		16	1,687		30	890		44	16
3	987		17	840		31	413		45	513
4	865		18	1,447		32	1,458		46	960
5	3,816		19	348		33	818		47	219
6	6,737		20	233		34	888		48	<10
7	780		21	2,963		35	338		49	1,064
8	1,141		22	1,387		36	3,450		50	441
9	1,728		23	393		37	159		51	648
10	1,771		24	789		38	129		52	487
11	654		25	901		39	119		53	505
12	888		26	488		40	1,844		54	602
13	317		27	2,081		41	498			
14	2,966		28	1,384		42	406			

State House of Representatives

District	Jobs		District	Jobs		District	Jobs		District	Jobs
1	323		46	<10		91	312		136	<10
2	509		47	1,270		92	284		137	40
3	<10		48	<10		93	653		138	83
4	265		49	<10		94	195		139	207
5	273		50	<10		95	466		140	234
6	<10		51	1,197		96	<10		141	450
7	910		52	1,081		97	<10		142	216
8	348		53	1,274		98	737		143	444
9	175		54	974		99	<10		144	512
10	104		55	1,056		100	222		145	<10
11	22		56	1,449		101	290		146	22
12	289		57	353		102	<10		147	<10
13	28		58	317		103	181		148	162
14	549		59	292		104	147		149	118
15	437		60	680		105	88		150	161
16	171		61	322		106	<10		151	284
17	406		62	294		107	<10		152	802
18	271		63	728		108	<10		153	<10
19	298		64	450		109	57		154	11
20	960		65	64		110	256		155	410
21	175		66	<10		111	<10		156	137
22	1,570		67	39		112	226		157	210
23	<10		68	12		113	<10		158	377
24	285		69	592		114	172		159	216
25	1,627		70	118		115	<10		160	89
26	153		71	102		116	<10		161	718
27	611		72	16		117	681		162	405
28	286		73	307		118	<10		163	470
29	50		74	378		119	<10		164	186
30	572		75	23		120	219		165	67
31	308		76	295		121	567		166	62
32	330		77	<10		122	265		167	737
33	394		78	16		123	325		168	12
34	2,458		79	1,298		124	499		169	95
35	<10		80	221		125	66		170	102
36	<10		81	2,440		126	122		171	311
37	89		82	489		127	40		172	328
38	381		83	190		128	269		173	77
39	593		84	137		129	226		174	724
40	1,263		85	458		130	50		175	316
41	<10		86	46		131	380		176	<10
42	725		87	323		132	18		177	<10
43	<10		88	<10		133	345		178	90
44	<10		89	<10		134	618		179	<10
45	766		90	599		135	47		180	96





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

