

Missouri

Energy Efficiency Jobs in America

40,531
Total Jobs

What are EE jobs?

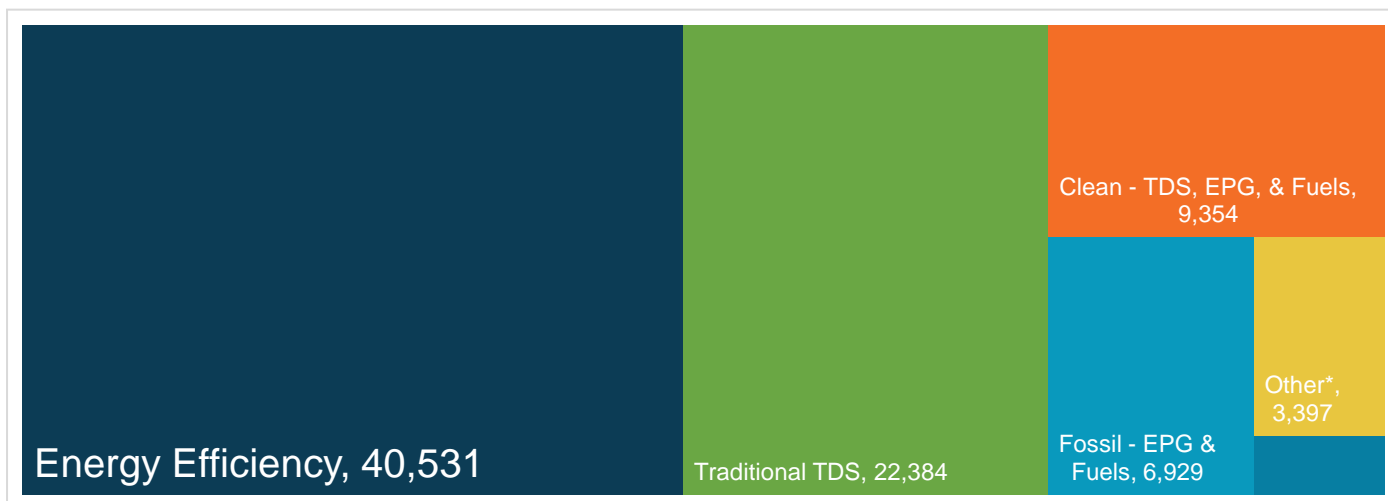
Jobs that deliver goods and services that lower energy use by improving energy efficiency with a focus on appliances, buildings, data systems, financing, new technologies, and more.

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 Missouri?

Energy efficiency is the largest energy sector in Missouri.



TDS = Transmission, Distribution & Storage

EPG = Electric Power Generation

Nuclear (EPG & Fuels) = 1,012

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

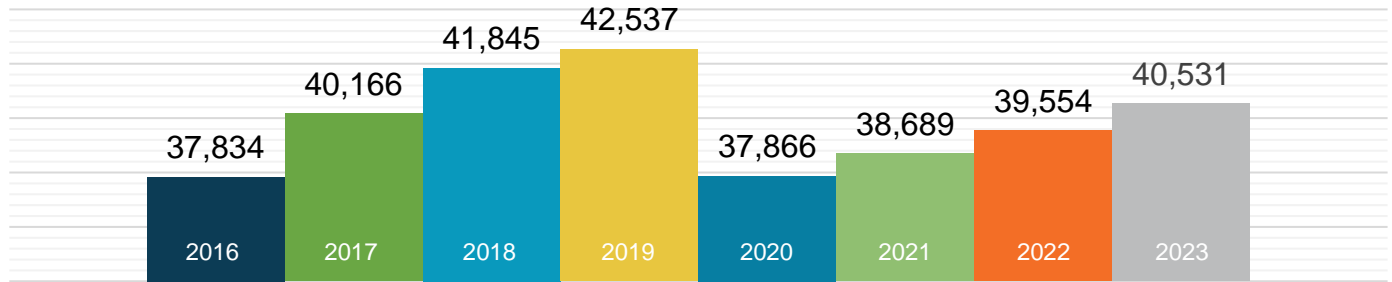
Presented by:



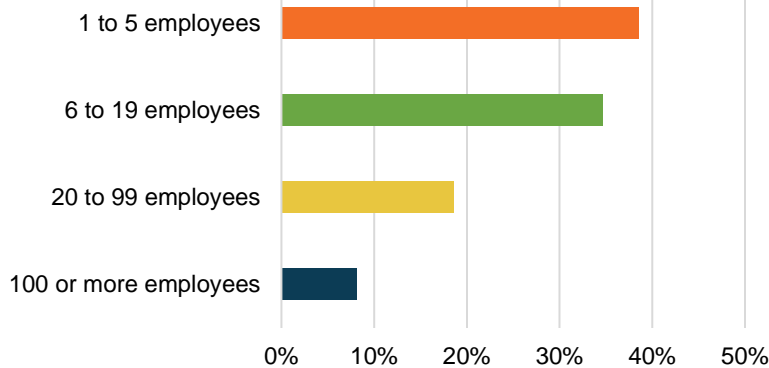
E4 THE FUTURE

What does EE look like in Missouri?

EE Workers Employed in MO



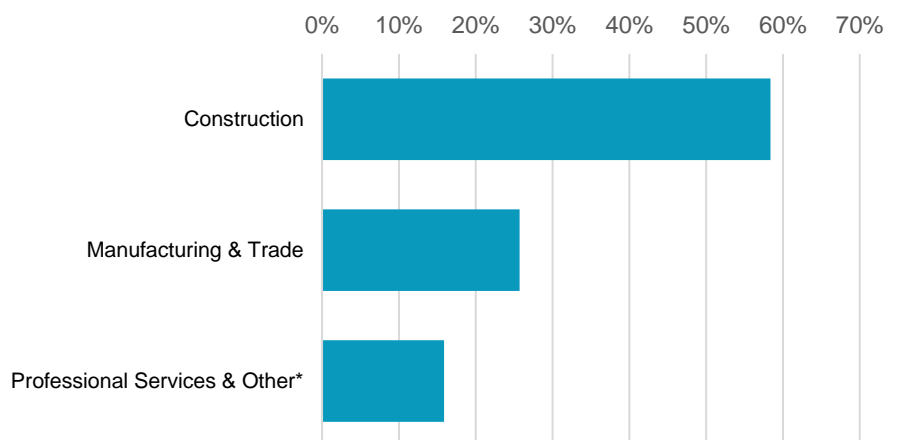
91.8% of MO EE Businesses Have Fewer Than 100 Employees



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

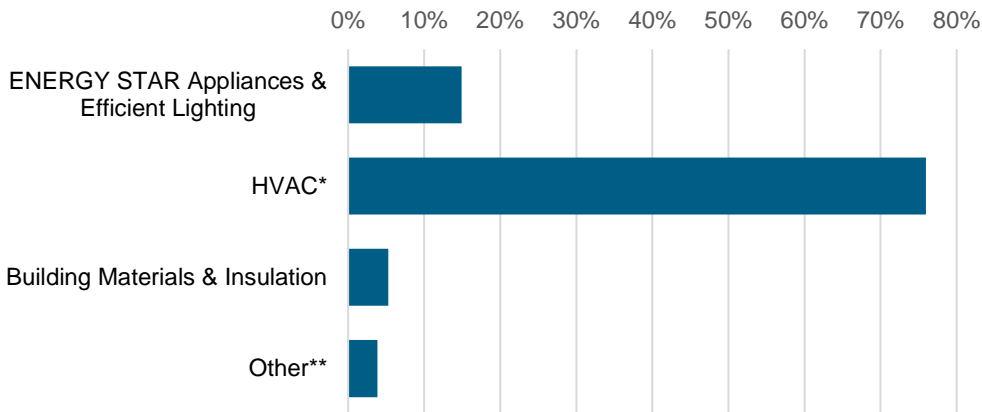


What type of work do energy efficiency firms do?



*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 Missouri
 EE workers are
Veterans

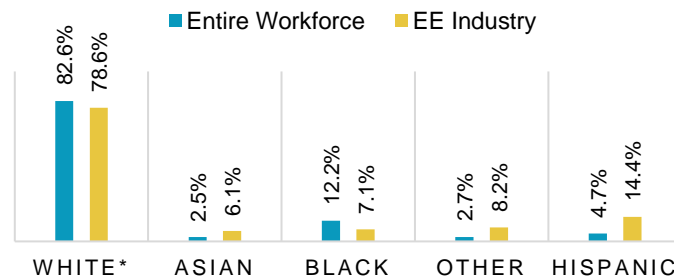


How is EE doing on diversity in Missouri?

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 Missouri 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 Missouri businesses.

Missouri EE Industry by Race and Ethnicity



*Includes non-Hispanic and Hispanic whites.

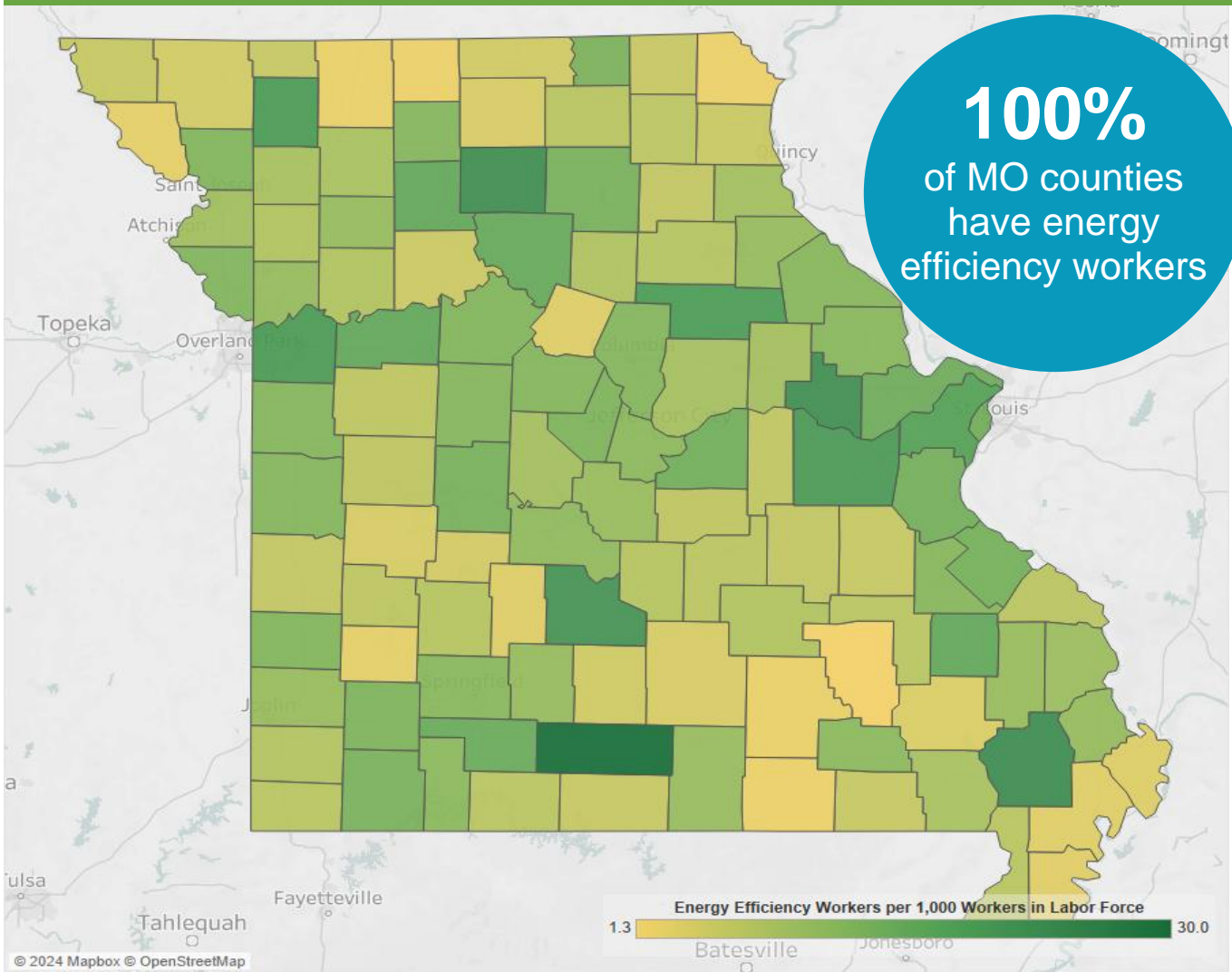
Gender in the Missouri EE Workforce



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
1	8,167		6	3,656		Cape Girardeau	427
2	7,174		7	4,670		Columbia	1,227
3	3,615		8	3,145		Fayetteville-Springdale-Rogers	41
4	3,586					Jefferson City	867
5	6,517					Joplin	764
						Kansas City	9,743
						Springfield	2,611
						St. Joseph	483
						St. Louis	17,931
						Rural	6,437

State Senate

District	Jobs		District	Jobs		District	Jobs		District	Jobs
1	2,773		10	1,755		19	479		28	891
2	1,748		11	405		20	2,814		29	1,073
3	1,293		12	1,673		21	960		30	273
4	2,148		13	483		22	606		31	788
5	1,783		14	1,240		23	<10		32	823
6	1,997		15	2,005		24	921		33	707
7	3,110		16	747		25	1,053		34	856
8	1,620		17	759		26	510			
9	532		18	885		27	815			

State House of Representatives

District	Jobs		District	Jobs		District	Jobs		District	Jobs
1	250		43	789		85	<10		127	461
2	305		44	<10		86	<10		128	203
3	282		45	325		87	<10		129	22
4	208		46	<10		88	218		130	1,335
5	217		47	119		89	354		131	<10
6	213		48	495		90	180		132	971
7	392		49	688		91	136		133	56
8	177		50	84		92	185		134	<10
9	380		51	232		93	108		135	55
10	159		52	15		94	178		136	208
11	135		53	204		95	<10		137	133
12	485		54	39		96	460		138	621
13	373		55	219		97	295		139	20
14	929		56	36		98	173		140	24
15	114		57	253		99	34		141	189
16	36		58	342		100	<10		142	211
17	109		59	14		101	22		143	327
18	<10		60	<10		102	172		144	48
19	787		61	538		103	<10		145	86
20	600		62	429		104	<10		146	465
21	164		63	35		105	<10		147	201
22	302		64	1,056		106	<10		148	297
23	577		65	<10		107	<10		149	125
24	1,055		66	193		108	<10		150	86
25	460		67	204		109	149		151	153
26	42		68	<10		110	<10		152	241
27	153		69	330		111	449		153	<10
28	<10		70	1,590		112	90		154	20
29	204		71	1,200		113	<10		155	81
30	278		72	66		114	194		156	21
31	66		73	172		115	408		157	233
32	75		74	<10		116	260		158	114
33	624		75	<10		117	41		159	287
34	259		76	137		118	180		160	164
35	<10		77	1,185		119	61		161	323
36	176		78	926		120	112		162	62
37	36		79	<10		121	72		163	<10
38	76		80	145		122	56			
39	225		81	95		123	461			
40	397		82	489		124	230			
41	378		83	999		125	195			
42	376		84	1,140		126	219			





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

