

Montana

Energy Efficiency Jobs in America

8,832
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 Montana?

Energy efficiency is the second largest energy sector in Montana.



TDS = Transmission, Distribution, & Storage

EPG = Electric Power Generation

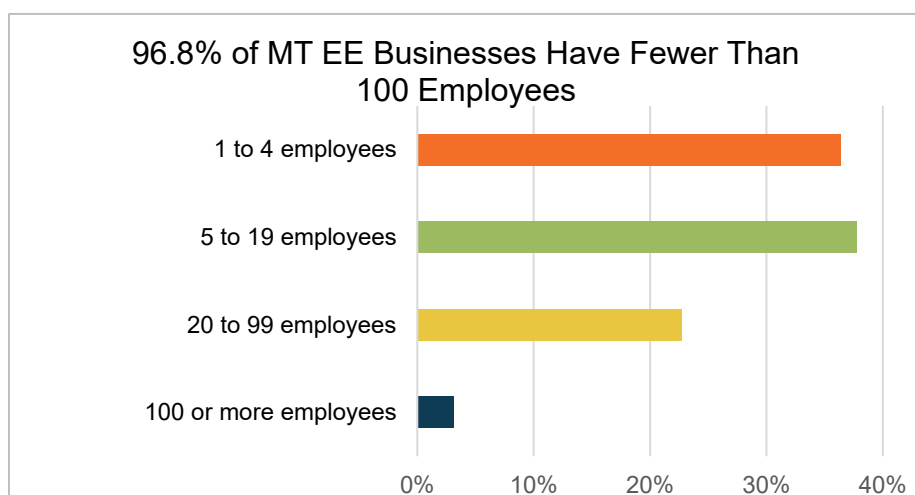
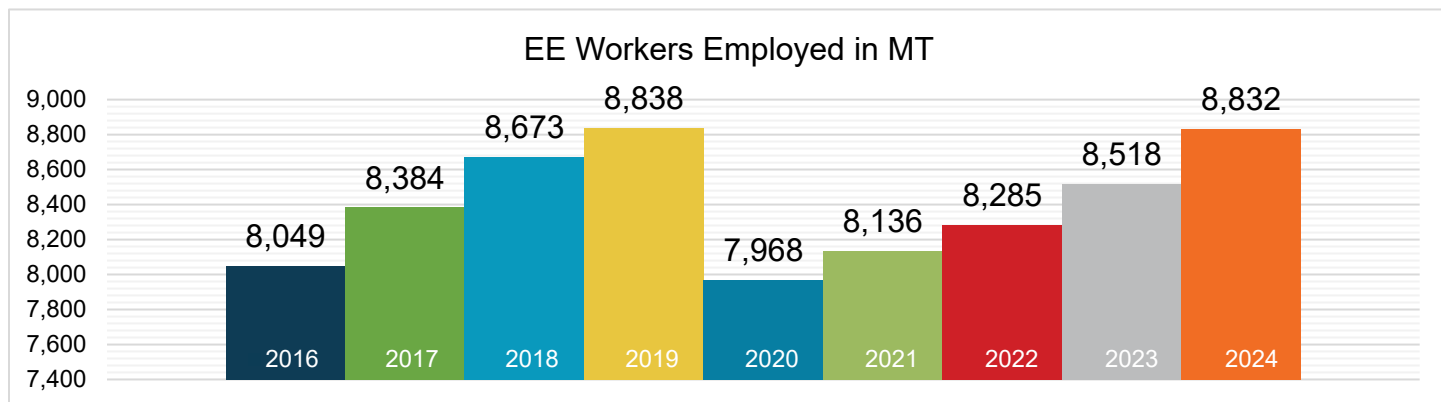
**Nuclear - EPG & Fuels = 17

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

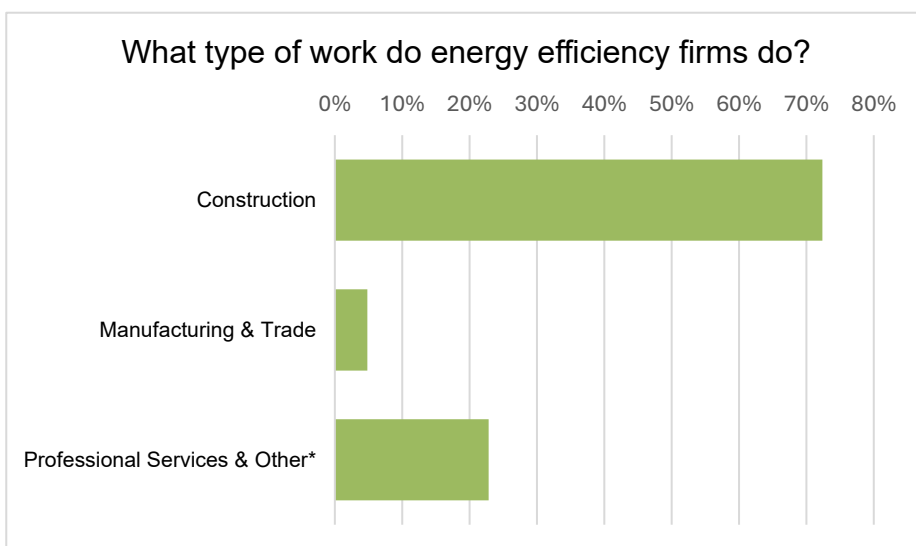
Presented by:



What does EE look like in Montana?



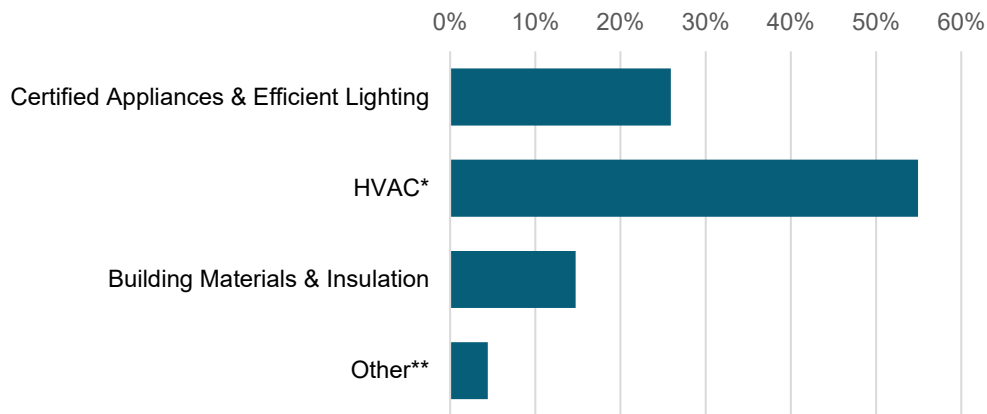
EE construction workers comprise
18% of Montana's construction workforce



*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

8%
of Montana
EE workers are
veterans

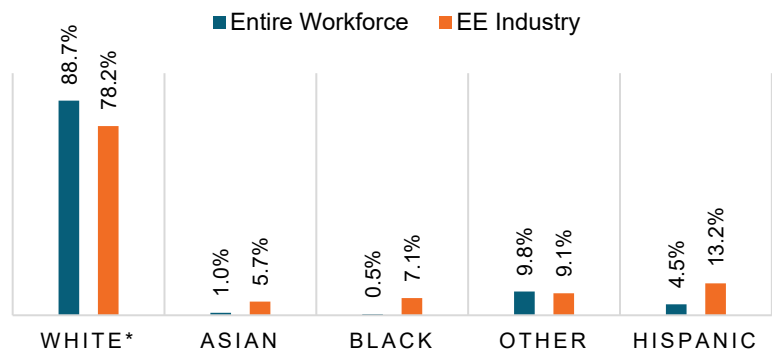


How representative is the EE workforce in Montana?

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

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

Montana EE Industry by Race and Ethnicity



*Includes non-Hispanic and Hispanic whites.

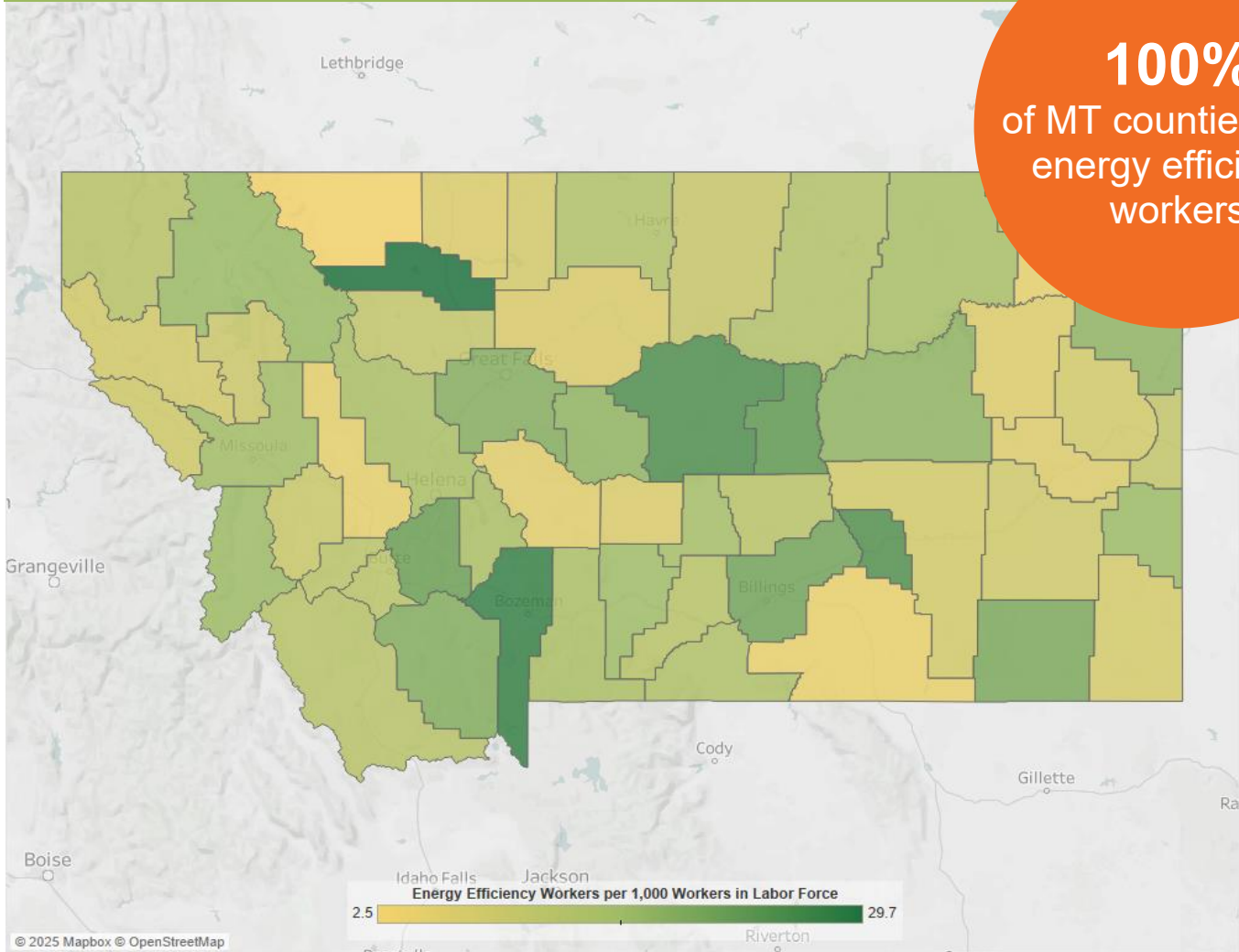
Gender in the Montana EE Workforce



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

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/348937>.

Congressional		Metropolitan Areas	
District	Jobs	Area	Jobs
1	4,724	Billings	1,865
2	4,108	Great Falls	690
		Missoula	1,006
		Rural	5,271



State Senate										
District	Jobs		District	Jobs		District	Jobs		District	Jobs
1	77		16	40		31	242		46	183
2	218		17	72		32	658		47	149
3	14		18	91		33	558		48	309
4	408		19	178		34	335		49	166
5	42		20	388		35	147		50	<10
6	47		21	24		36	36			
7	53		22	327		37	169			
8	46		23	474		38	87			
9	83		24	407		39	161			
10	95		25	472		40	224			
11	211		26	<10		41	211			
12	244		27	317		42	51			
13	55		28	70		43	107			
14	94		29	84		44	92			
15	121	30	97	45	87					

State House of Representatives										
District	Jobs		District	Jobs		District	Jobs		District	Jobs
1	30		26	14		51	430		76	33
2	40		27	57		52	<10		77	94
3	100		28	29		53	185		78	53
4	99		29	40		54	104		79	<10
5	13		30	69		55	33		80	<10
6	<10		31	19		56	31		81	<10
7	372		32	17		57	17		82	<10
8	<10		33	31		58	60		83	248
9	39		34	35		59	572		84	192
10	96		35	48		60	89		85	38
11	<10		36	35		61	509		86	60
12	43		37	87		62	<10		87	19
13	29		38	74		63	600		88	65
14	19		39	48		64	72		89	43
15	34		40	298		65	<10		90	37
16	<10		41	17		66	<10		91	<10
17	31		42	<10		67	306		92	157
18	45		43	297		68	<10		93	15
19	201		44	<10		69	89		94	121
20	86		45	<10		70	44		95	224
21	192		46	424		71	33		96	58
22	<10		47	371		72	154		97	<10
23	222		48	<10		73	<10		98	152
24	<10		49	<10		74	<10		99	<10
25	36	50	<10	75	47	100	<10			





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.

