

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

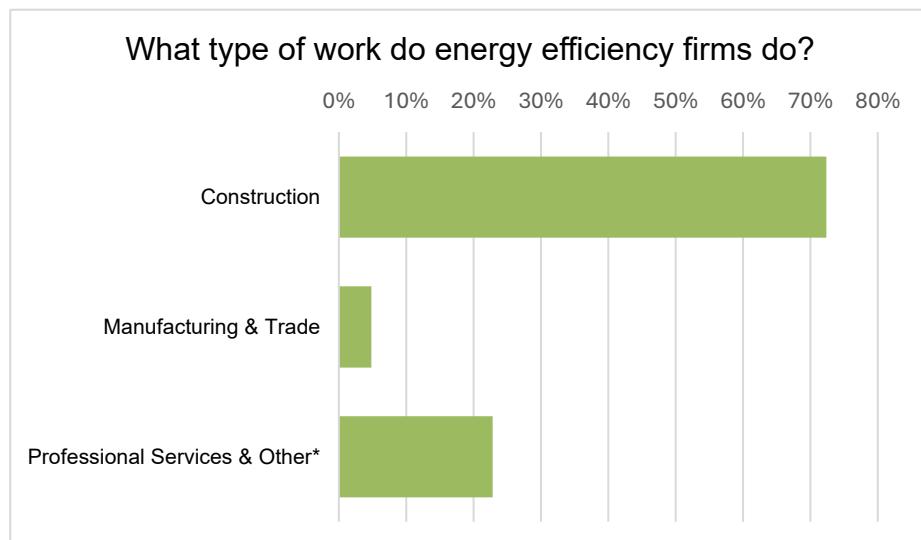
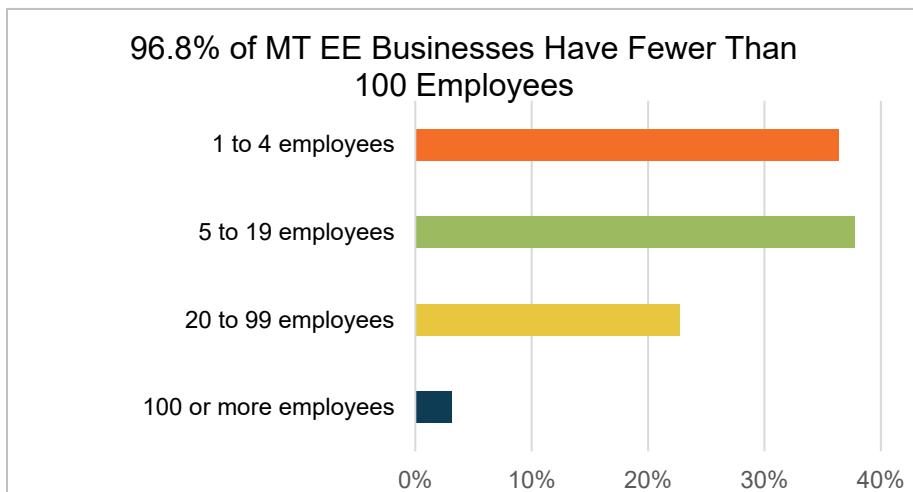
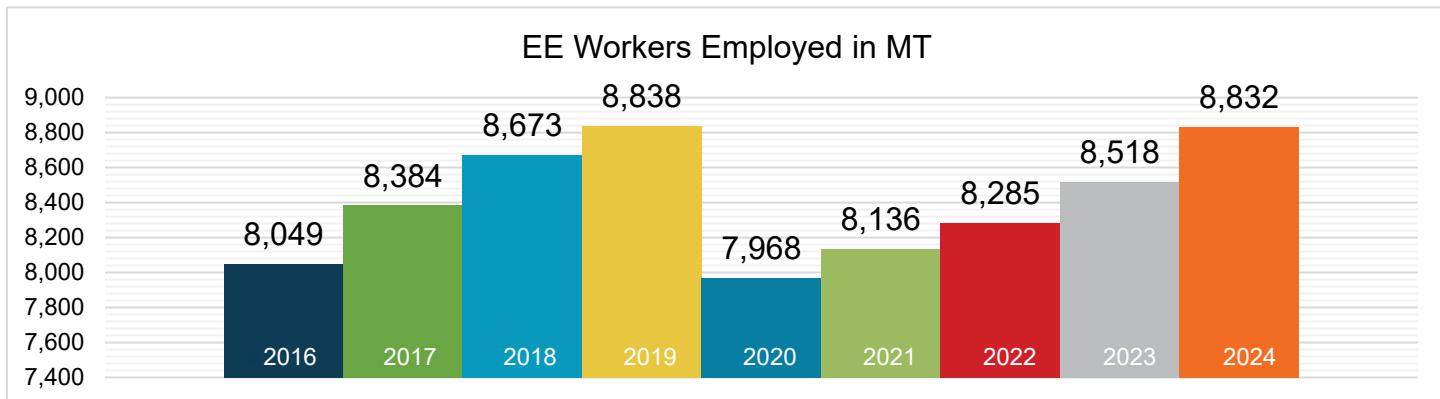
**Nuclear - EPG & Fuels = 17

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

Presented by:

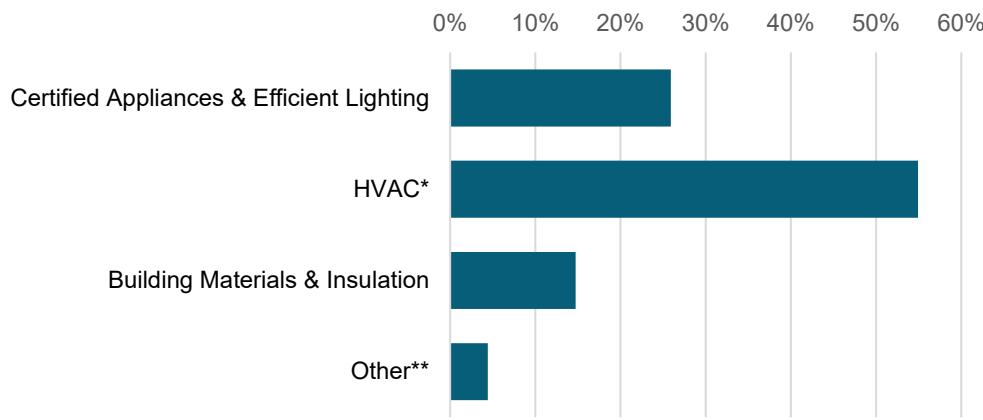


What does EE look like in Montana?



*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

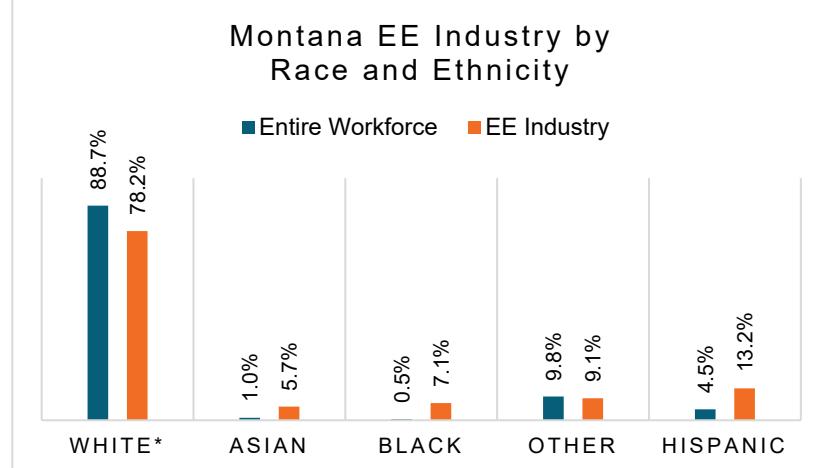
8%
of Montana
EE workers are
veterans



How representative is the EE workforce in Montana?

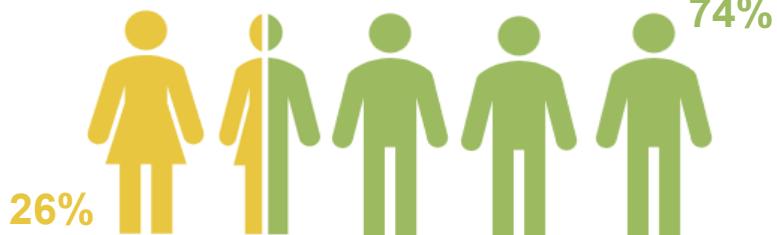
Demographic data is critical to measure progress towards a more representative EE workforce. Tracking this data helps show how well Montana's EE workforce reflects the communities it serves and where gaps remain.

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



*Includes non-Hispanic and Hispanic whites.

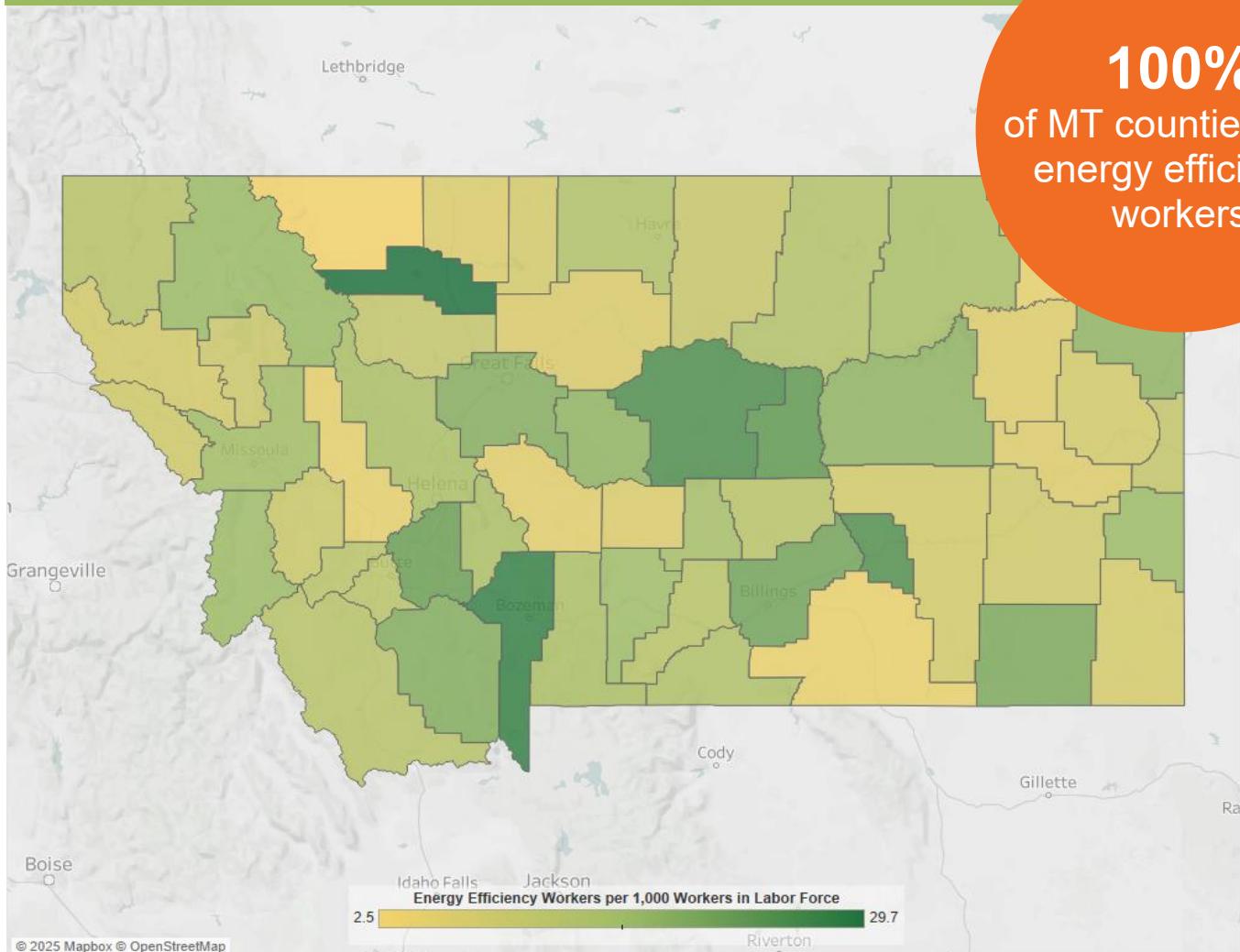
Gender in the Montana EE Workforce



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.

