

Montana

Energy Efficiency Jobs in America

8,285

Total Jobs

What are EE Jobs?

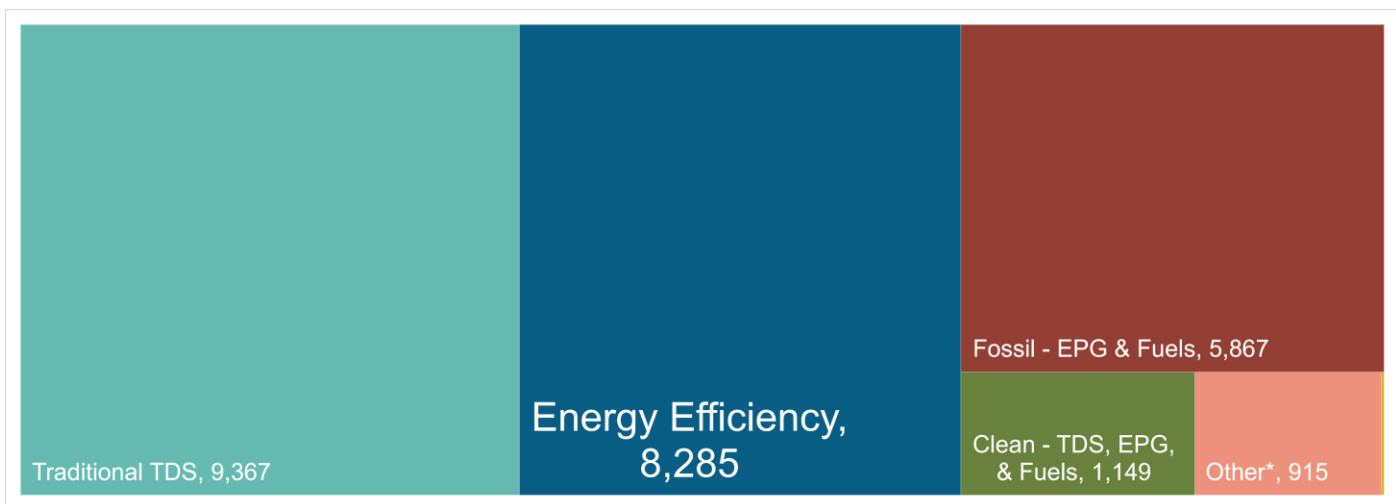
Jobs that deliver goods and services that lower energy use by improving energy efficiency – with a focus on appliances, buildings, data systems, financing, new technologies, and more.

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 & industrial buildings.
- **Design and construct** high performance buildings such as those earning LEED certification.
- **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 Montana?

Energy Efficiency is the second largest energy sector in Montana.



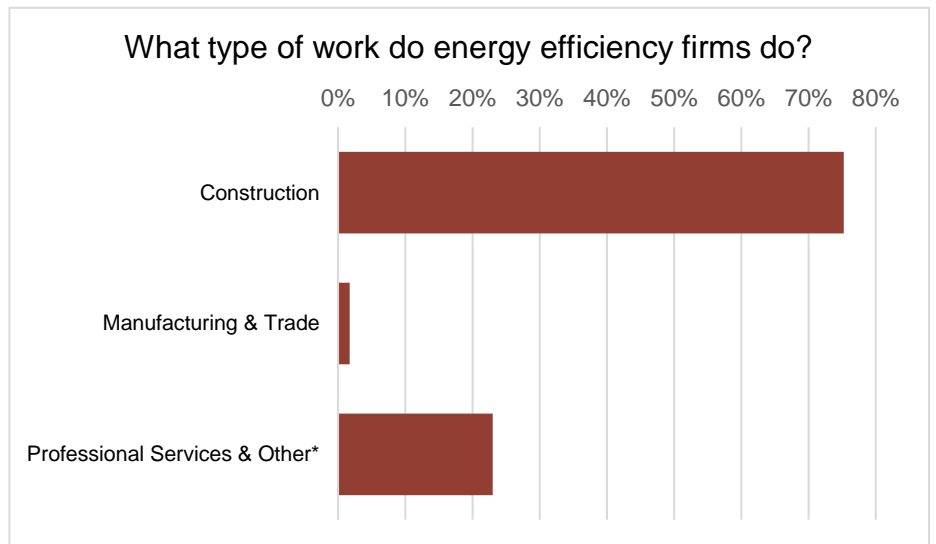
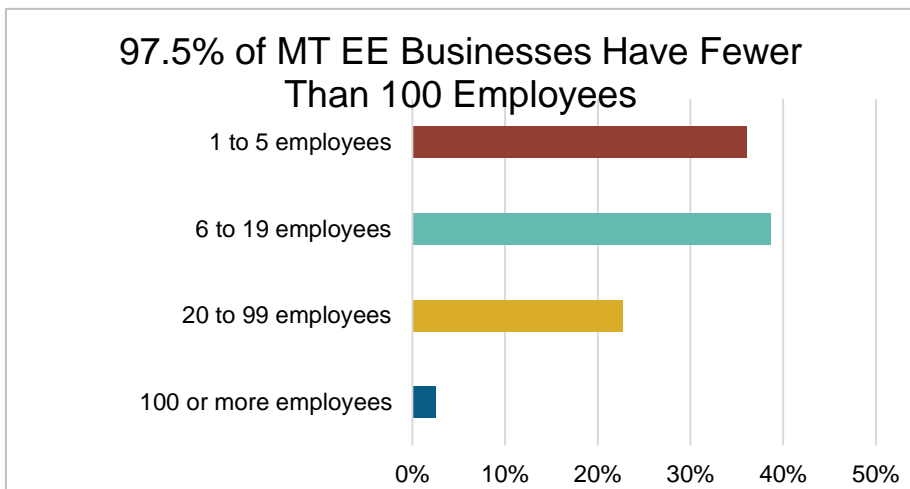
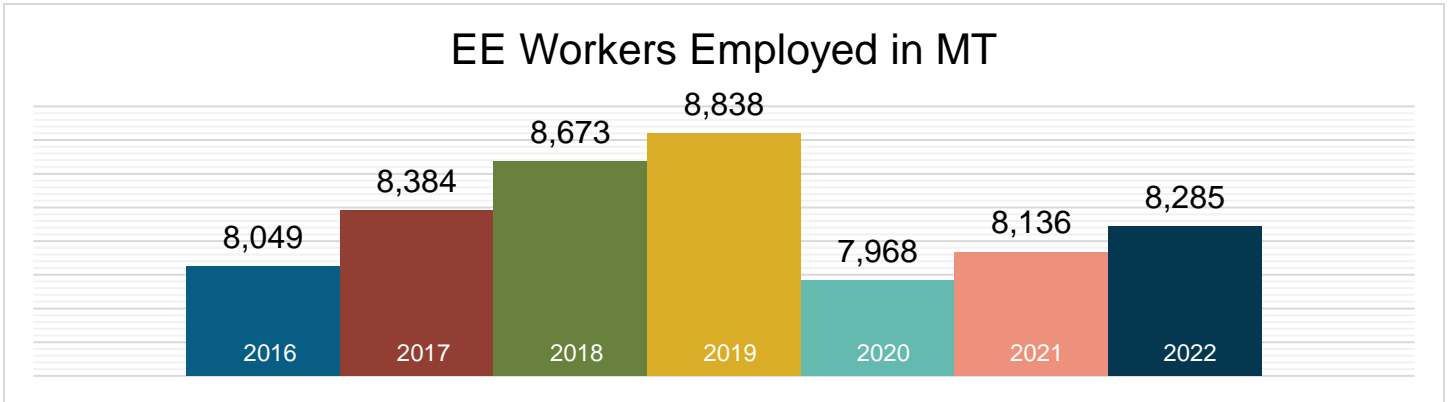
TDS = Transmission, Distribution & Storage

EPG = Electric Power Generation

Nuclear (EPG & Fuels) = 14

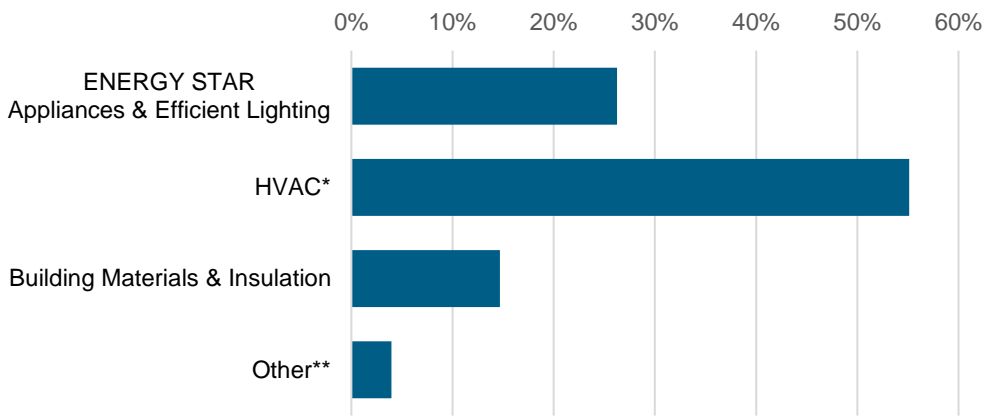
*Includes other energy subsectors such as corn ethanol, woody biomass, large hydropower, and others.

What does EE look like in Montana?



*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?



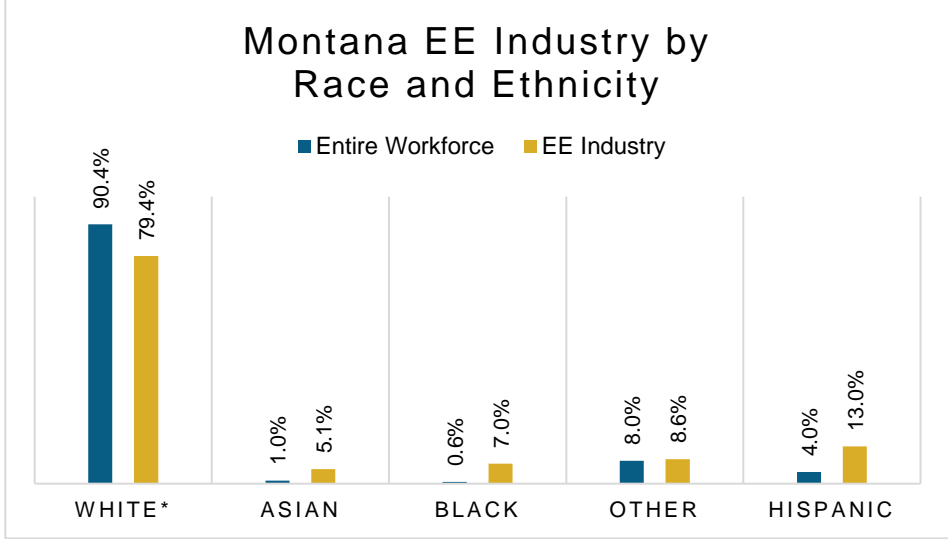
8%
of Montana
EE workers are
Veterans

*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 Montana?

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 Montana 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 EE businesses.



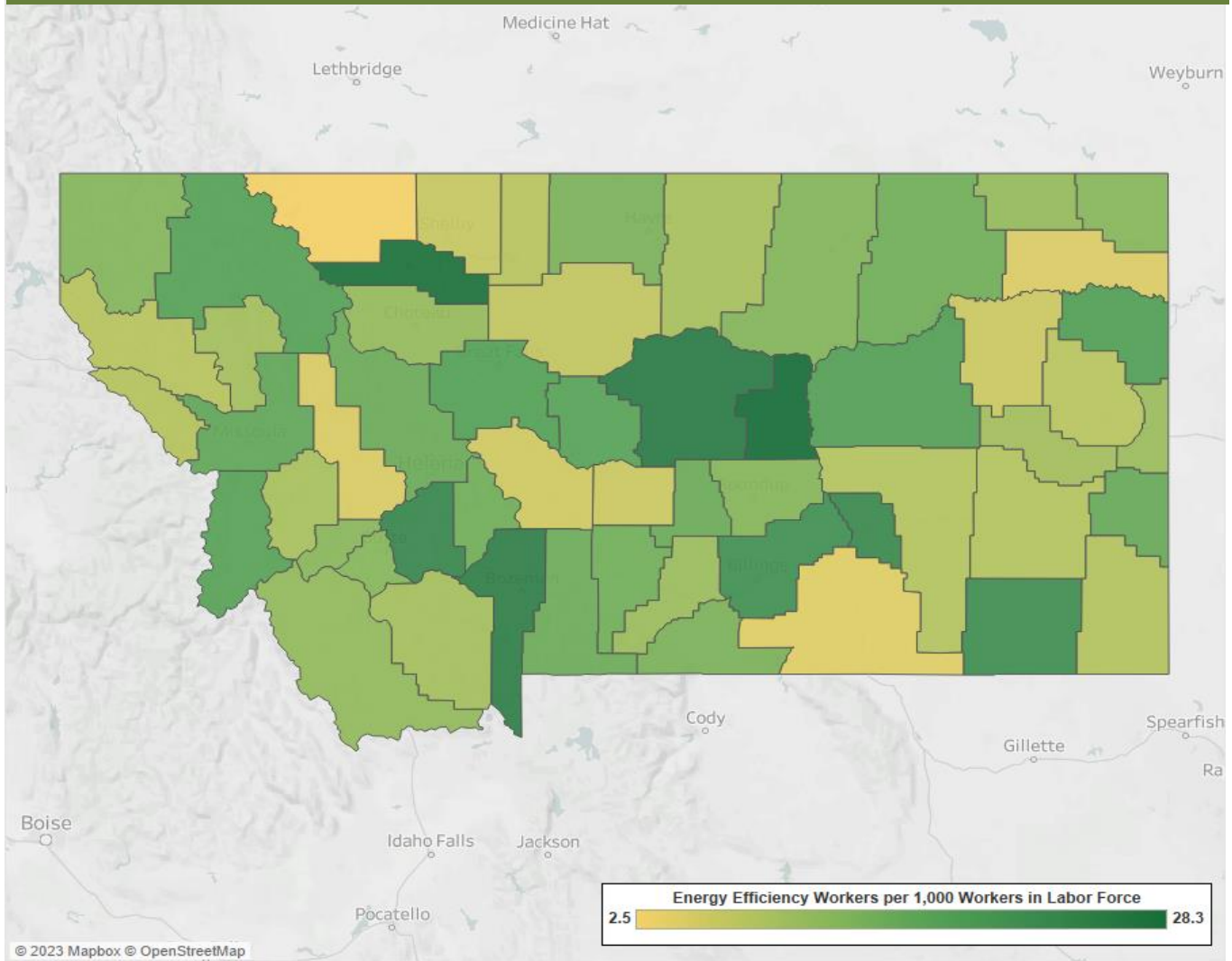
*Includes non-Hispanic and Hispanic whites.



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



100%
of MT counties have
energy efficiency
workers

Congressional		Metropolitan Areas	
District	Jobs	Area	Jobs
1	8,285	Billings	1,826
		Great Falls	621
		Missoula	988
		Rural	4,849

State Senate

District	Jobs	District	Jobs	District	Jobs	District	Jobs
1	160	16	132	31	273	46	216
2	851	17	58	32	90	47	<10
3	<10	18	203	33	<10	48	32
4	<10	19	141	34	<10	49	<10
5	121	20	436	35	122	50	<10
6	85	21	759	36	412		
7	121	22	<10	37	<10		
8	112	23	533	38	479		
9	139	24	<10	39	54		
10	253	25	<10	40	37		
11	229	26	<10	41	<10		
12	<10	27	<10	42	<10		
13	<10	28	21	43	304		
14	178	29	160	44	32		
15	166	30	714	45	657		

State House of Representatives

District	Jobs	District	Jobs	District	Jobs	District	Jobs
1	80	26	<10	51	<10	76	<10
2	79	27	178	52	<10	77	32
3	224	28	<10	53	<10	78	22
4	625	29	118	54	<10	79	<10
5	<10	30	48	55	21	80	37
6	<10	31	82	56	<10	81	<10
7	17	32	49	57	100	82	<10
8	<10	33	<10	58	60	83	<10
9	<10	34	52	59	717	84	<10
10	121	35	145	60	<10	85	309
11	<10	36	57	61	272	86	<10
12	84	37	140	62	<10	87	<10
13	66	38	<10	63	<10	88	32
14	38	39	60	64	90	89	660
15	80	40	375	65	<10	90	<10
16	32	41	35	66	<10	91	<10
17	99	42	724	67	<10	92	217
18	39	43	<10	68	<10	93	<10
19	252	44	<10	69	11	94	<10
20	<10	45	<10	70	111	95	32
21	228	46	534	71	349	96	<10
22	<10	47	<10	72	63	97	<10
23	<10	48	<10	73	<10	98	<10
24	<10	49	<10	74	<10	99	<10
25	<10	50	<10	75	477	100	<10



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.



E2 is a national, nonpartisan group of business leaders, investors and others who advocate for smart policies that are good for the environment and good for the economy. Visit www.e2.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: Except for county data on page 4, all data are from the U.S. Energy and Employment Report, June 2023, 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 E4TheFuture analyses please email: policy@e4thefuture.org