

# Minnesota

## Energy Efficiency Jobs in America



46,177

Total Jobs

### What are EE jobs?

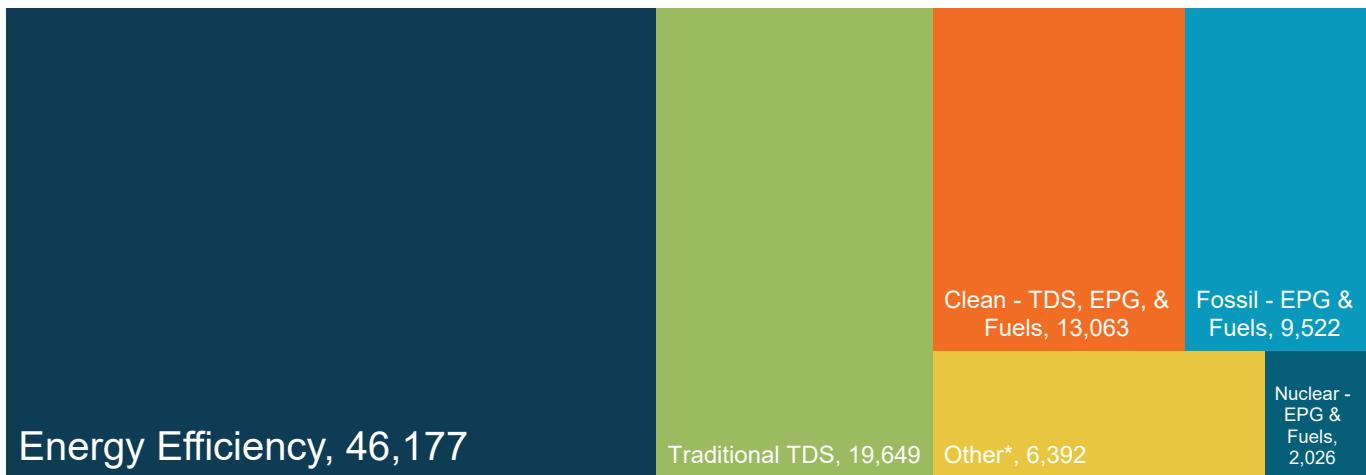
*Jobs that reduce energy use by improving efficiency in appliances, buildings, data systems, financing, new technologies, and more.*

### 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 Minnesota?

*Energy efficiency is the largest energy sector in Minnesota.*



TDS = Transmission, Distribution, & Storage

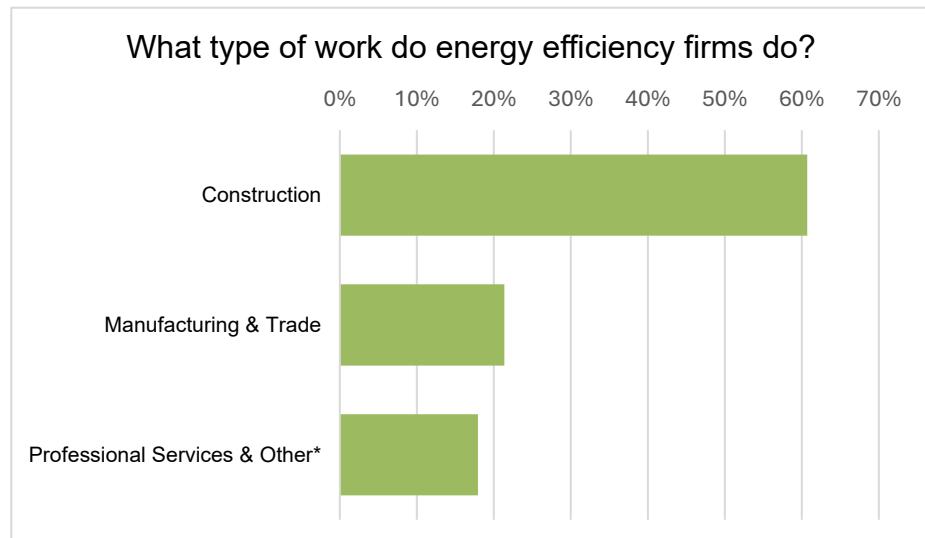
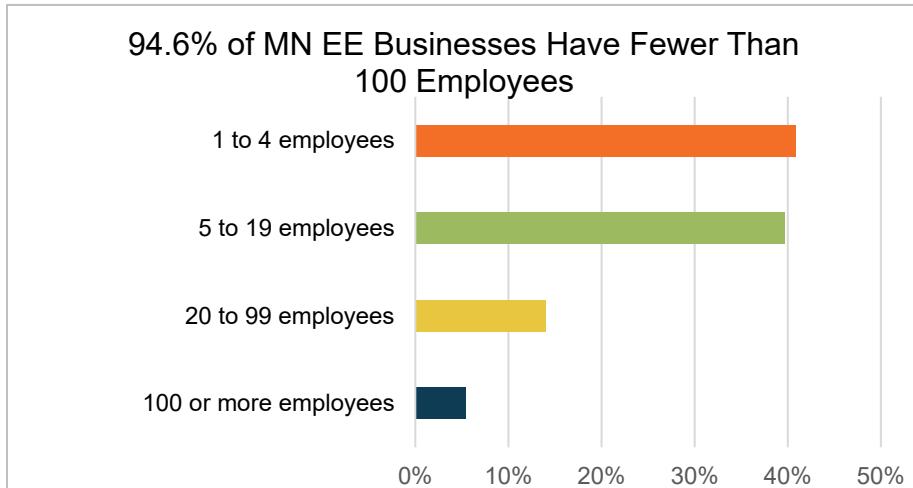
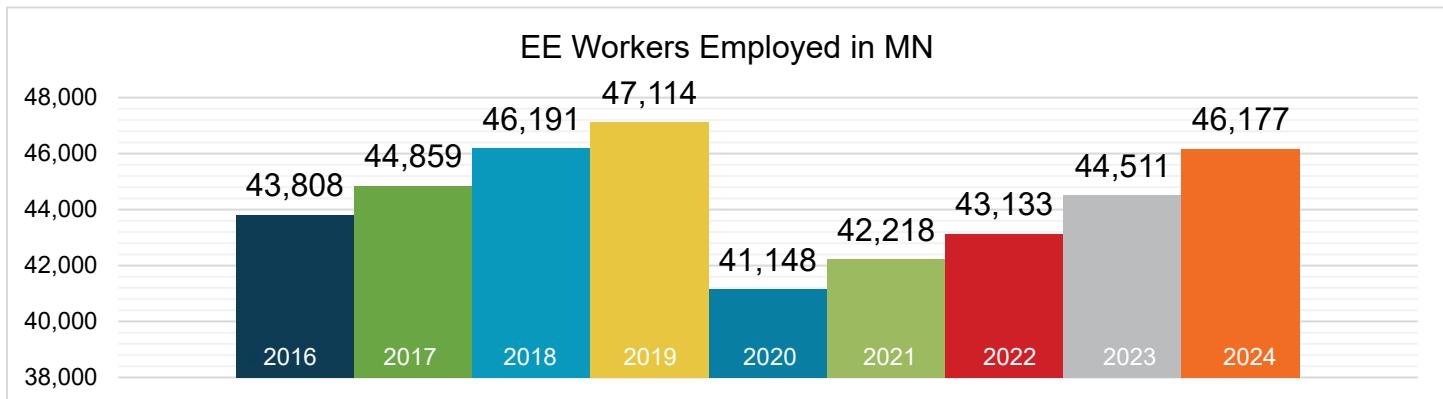
EPG = Electric Power Generation

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

Presented by:

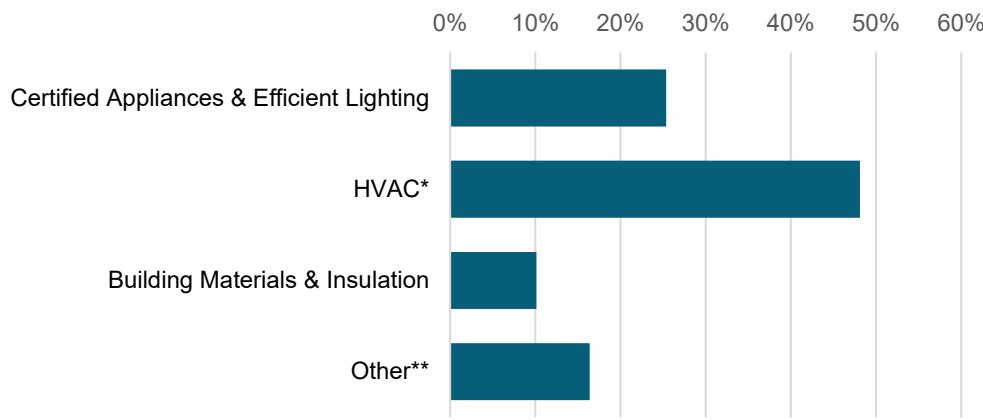


## What does EE look like in Minnesota?



\*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

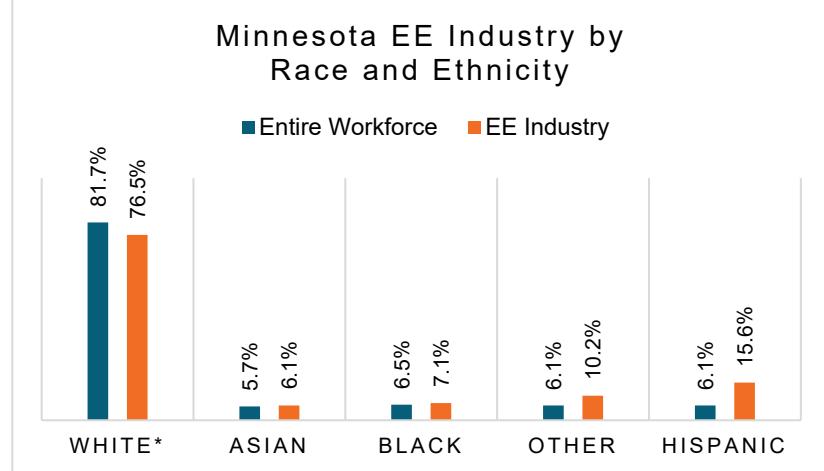
**10%**  
of Minnesota  
EE workers are  
veterans



## How representative is the EE workforce in Minnesota?

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

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



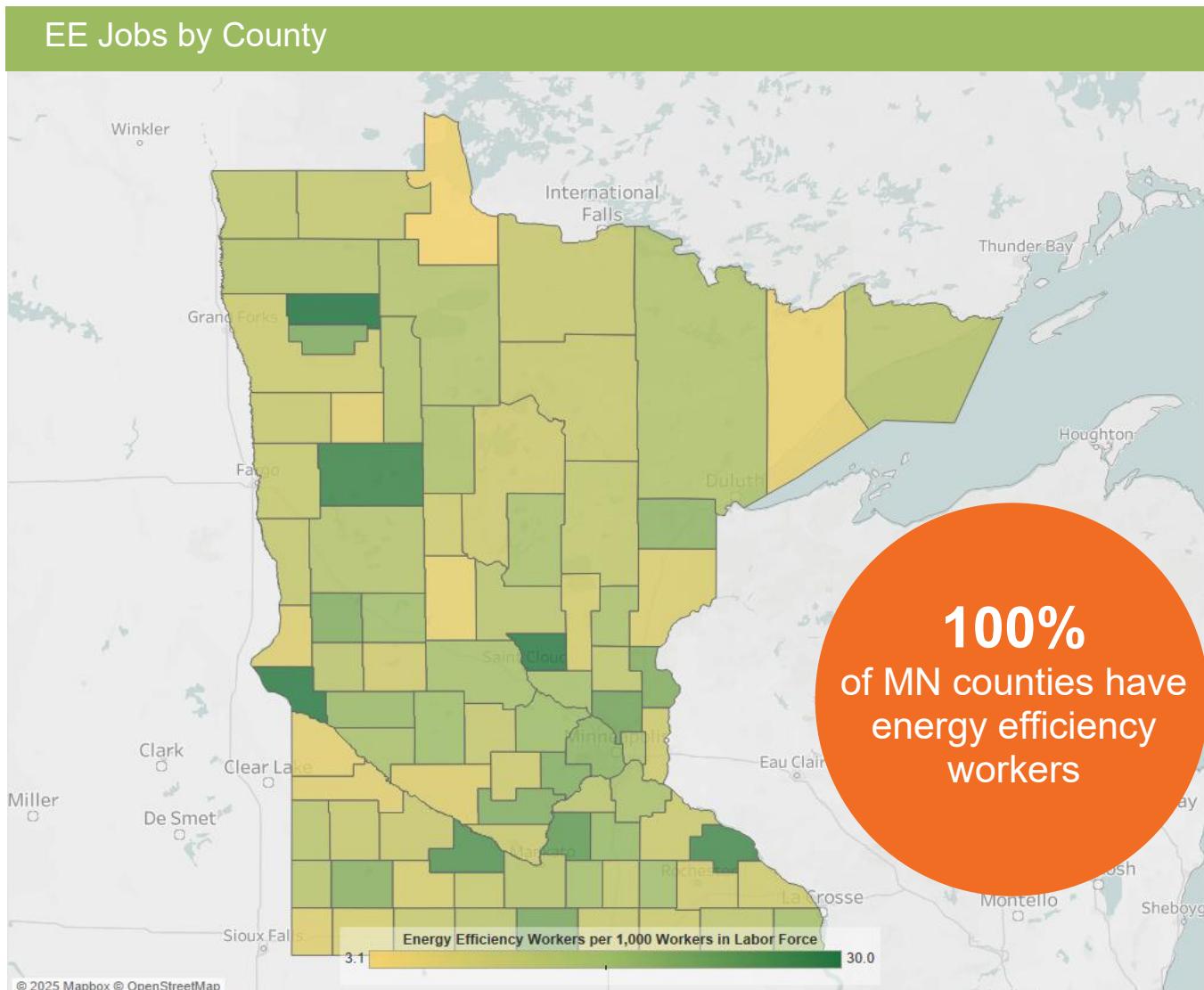
\*Includes non-Hispanic and Hispanic whites.

### Gender in the Minnesota 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



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	District	Jobs	Area	Jobs	Area	Jobs	
1	4,228	6	5,420	Duluth	1,579	Minneapolis-St. Paul-Bloomington	32,094	
2	4,405	7	4,367	Fargo	212	Rochester	1,362	
3	8,844	8	3,754	Grand Forks	122	St. Cloud	1,845	
4	5,458			La Crosse-Onalaska	81	Rural	8,166	
5	9,700			Mankato-North Mankato	716			

## State Senate

District	Jobs	District	Jobs	District	Jobs	District	Jobs
1	721	18	633	35	551	52	499
2	465	19	537	36	714	53	614
3	423	20	438	37	1,292	54	531
4	507	21	388	38	911	55	618
5	314	22	512	39	515	56	594
6	563	23	379	40	1,017	57	423
7	486	24	578	41	397	58	543
8	636	25	537	42	1,112	59	991
9	444	26	371	43	1,169	60	1,306
10	472	27	353	44	419	61	755
11	395	28	435	45	1,085	62	1,550
12	666	29	595	46	1,388	63	1,213
13	871	30	370	47	279	64	660
14	667	31	1,005	48	671	65	726
15	587	32	564	49	1,179	66	728
16	587	33	337	50	1,233	67	908
17	452	34	1,330	51	966		

## State House of Representatives

District	Jobs	District	Jobs	District	Jobs	District	Jobs
01A	553	18A	178	35B	251	52B	217
01B	168	18B	456	36A	248	53A	438
02A	276	19A	285	36B	466	53B	176
02B	189	19B	252	37A	767	54A	277
03A	196	20A	237	37B	525	54B	254
03B	420	20B	201	38A	189	55A	183
04A	153	21A	198	38B	722	55B	435
04B	354	21B	190	39A	284	56A	381
05A	205	22A	256	39B	231	56B	214
05B	109	22B	256	40A	411	57A	423
06A	197	23A	197	40B	606	58A	272
06B	365	23B	182	41A	69	58B	272
07A	197	24A	211	41B	328	59A	325
07B	289	24B	368	42A	684	59B	665
08A	194	25A	408	42B	428	60A	625
08B	249	25B	129	43A	769	60B	681
09A	218	26A	201	43B	400	61A	463
09B	226	26B	170	44A	311	61B	292
10A	148	27A	175	44B	109	62A	862
10B	325	27B	178	45A	575	62B	688
11A	259	28A	166	45B	510	63A	473
11B	137	28B	269	46A	832	63B	740
12A	282	29A	260	46B	556	64A	253
12B	384	29B	335	47A	163	64B	407
13A	395	30A	224	47B	116	65A	523
13B	476	30B	146	48A	252	65B	204
14A	373	31A	446	48B	419	66A	174
14B	294	31B	559	49A	536	66B	554
15A	187	32B	564	49B	643	67A	530
15B	400	33A	167	50A	460	67B	378
16A	198	33B	170	50B	502		
16B	389	34A	592	51A	509		
17A	195	34B	738	51B	727		
17B	257	35A	300	52A	282		





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](http://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](http://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](mailto:communications@building-performance.org).

