

Minnesota

Energy Efficiency Jobs in America

46,177
Total Jobs

What are EE jobs?

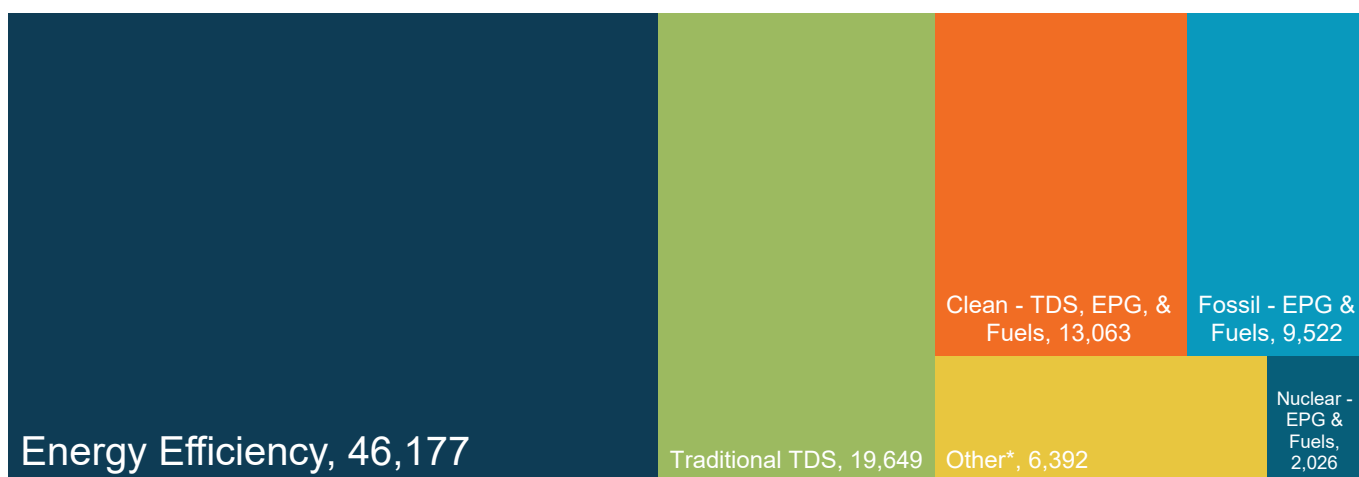
Jobs that reduce energy use by improving efficiency in appliances, buildings, data systems, financing, new technologies, and more.

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

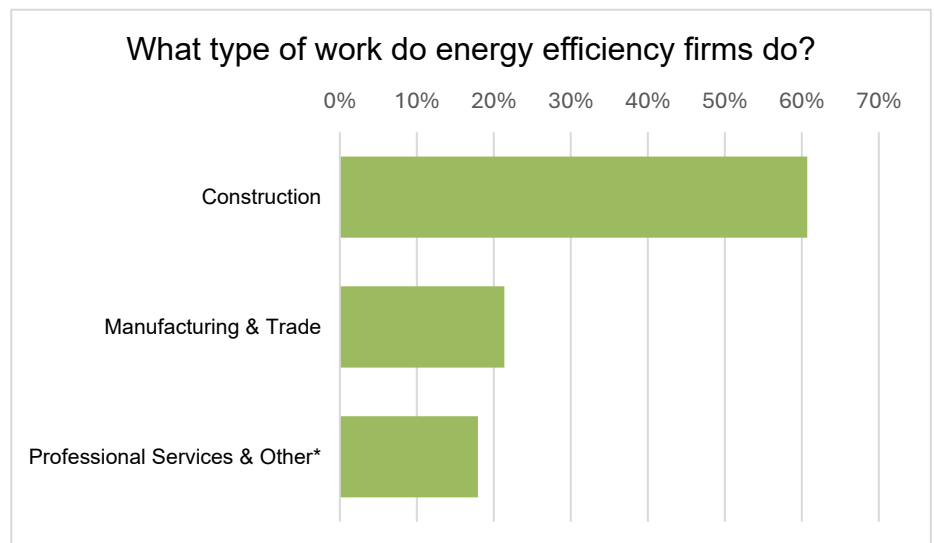
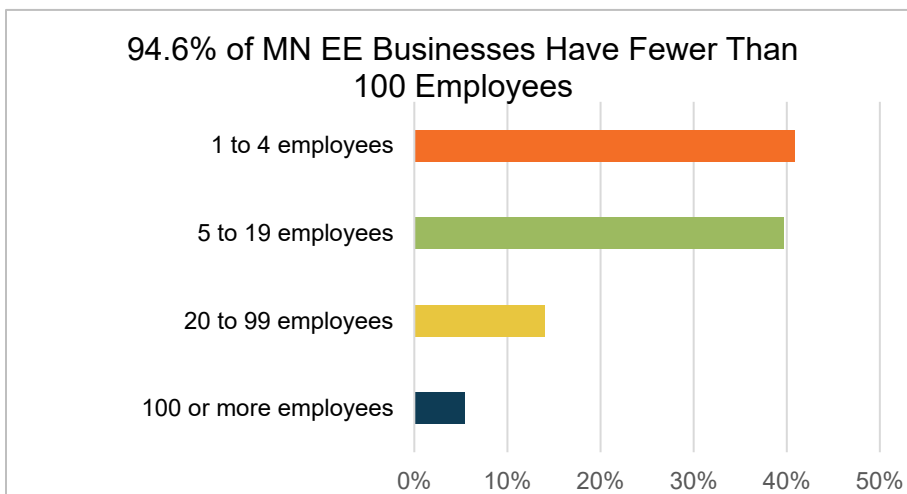
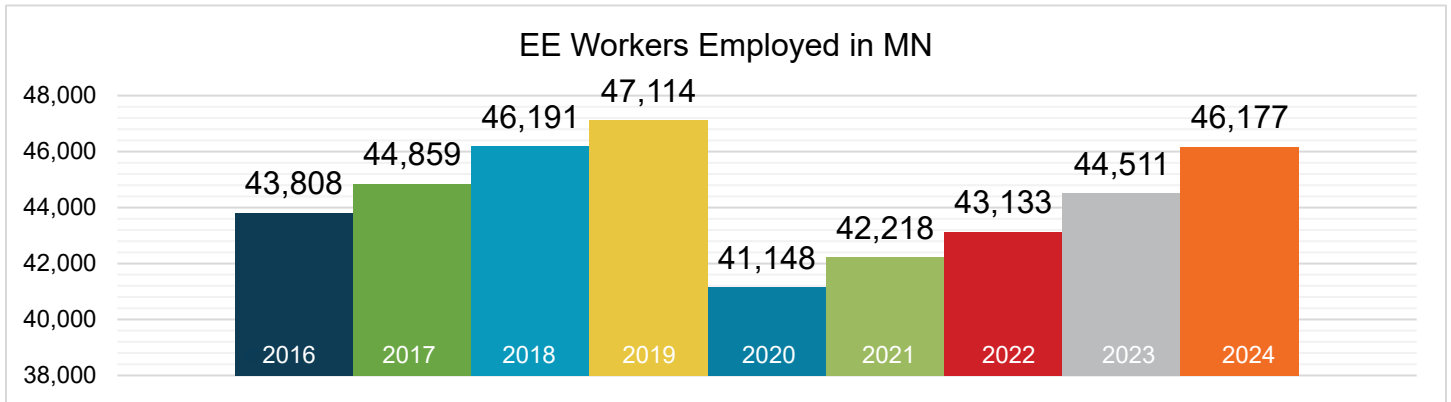
EPG = Electric Power Generation

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

Presented by:

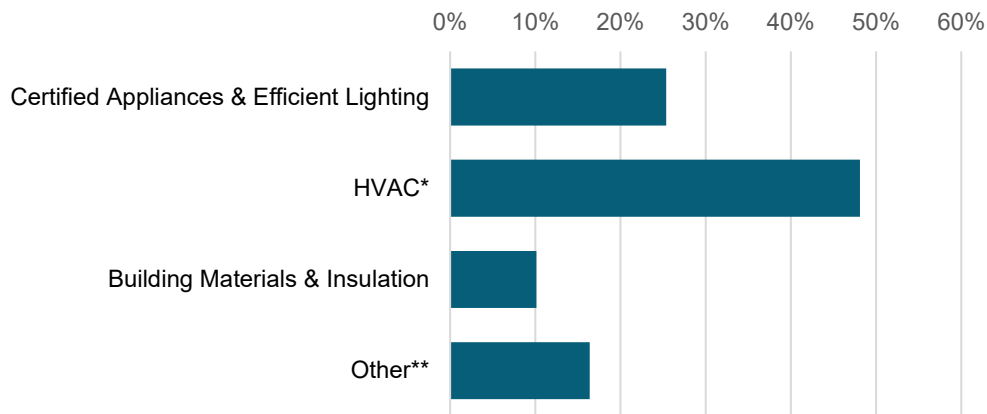


What does EE look like in Minnesota?



*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

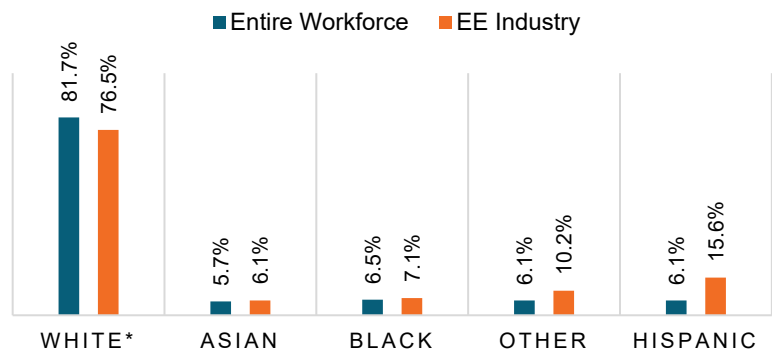


How representative is the EE workforce in Minnesota?

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.

Minnesota EE Industry by Race and Ethnicity



*Includes non-Hispanic and Hispanic whites.

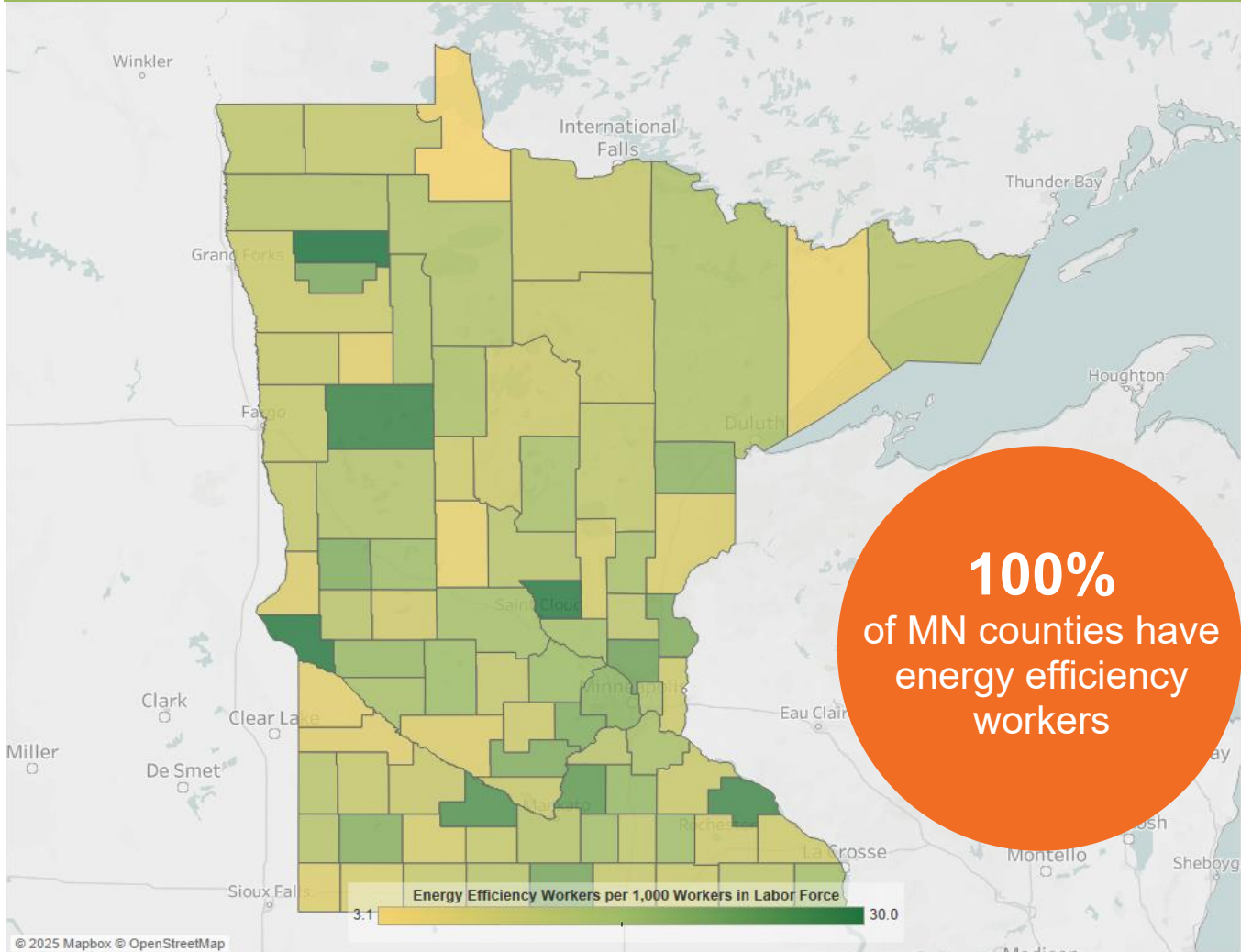
Gender in the Minnesota EE Workforce



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

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	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.



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.

