

South Dakota

Energy Efficiency Jobs in America

7,898
Total Jobs

What are EE jobs?

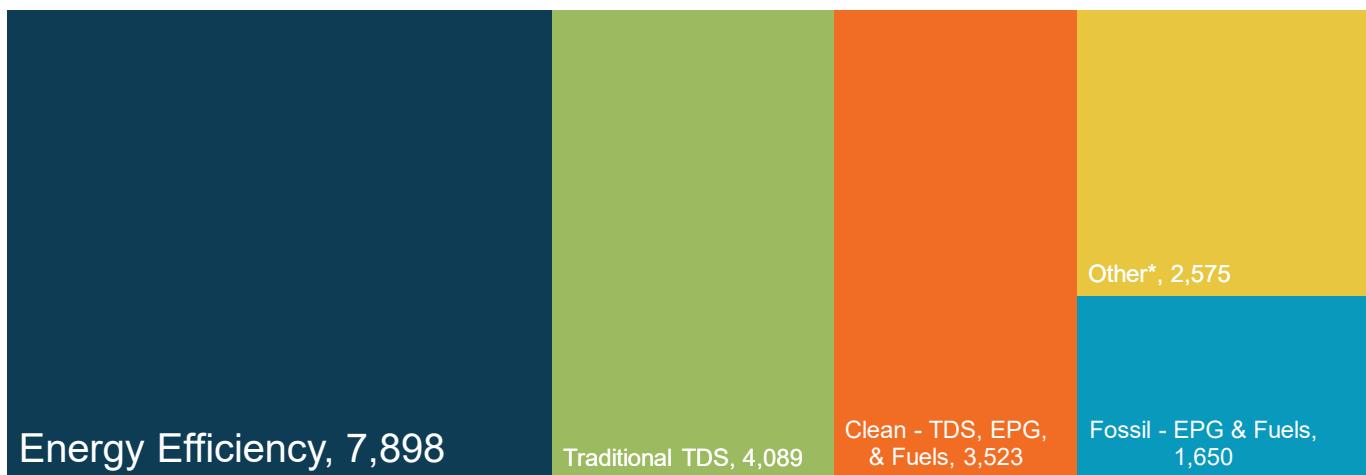
Jobs that reduce energy use by improving efficiency in appliances, buildings, data systems, financing, new technologies, and more.

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 South Dakota?

Energy efficiency is the largest energy sector in South Dakota.



TDS = Transmission, Distribution, & Storage

EPG = Electric Power Generation

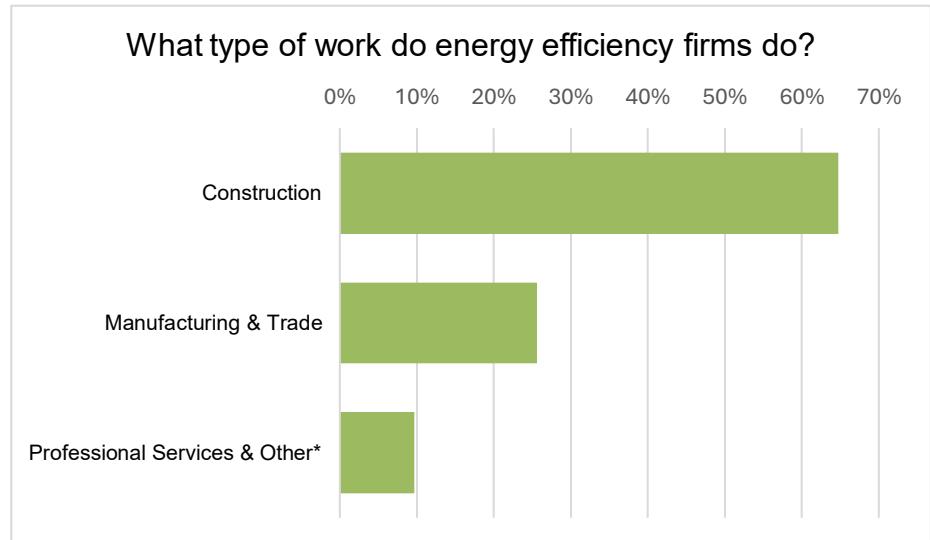
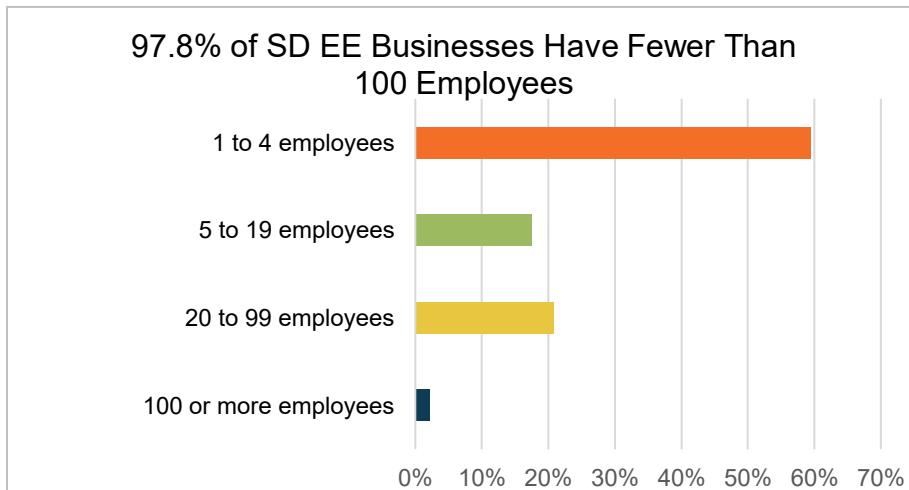
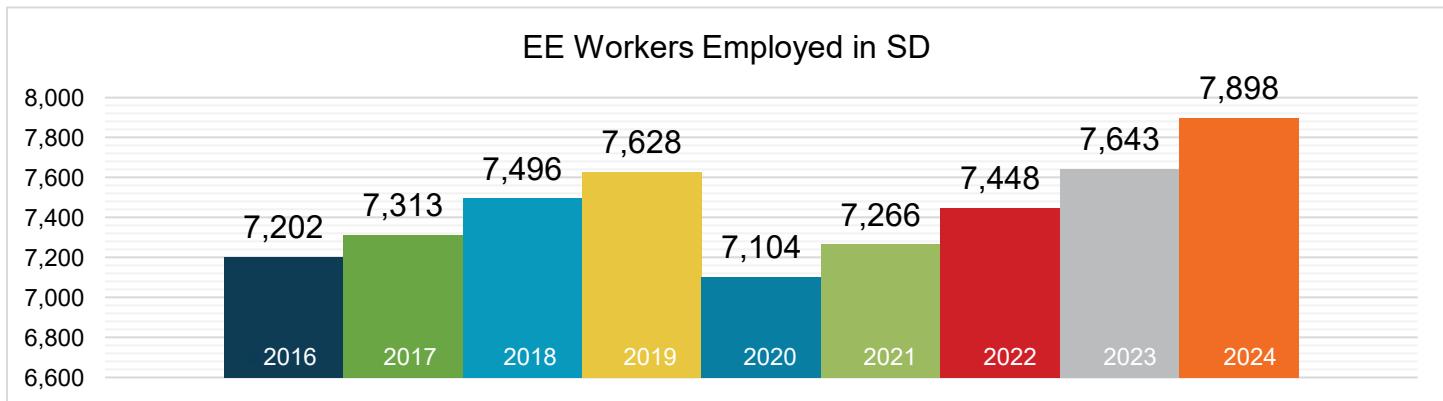
**Nuclear - EPG & Fuels = 5

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

Presented by:

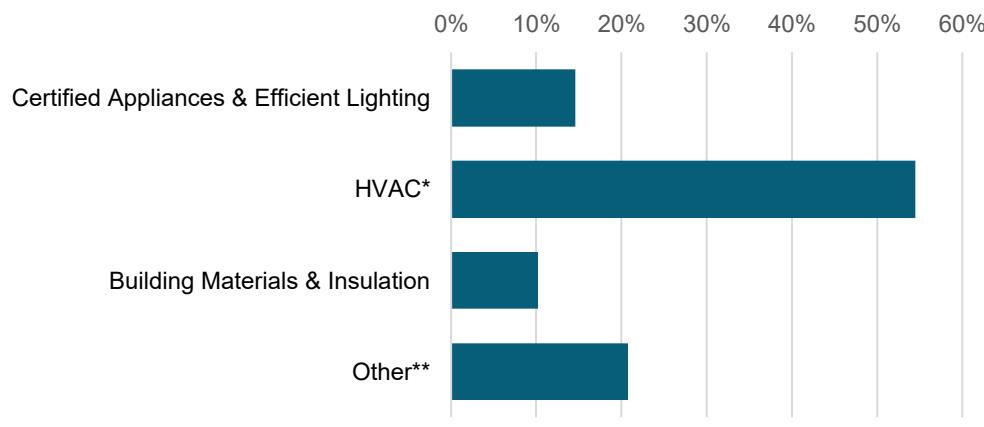


What does EE look like in South Dakota?



*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

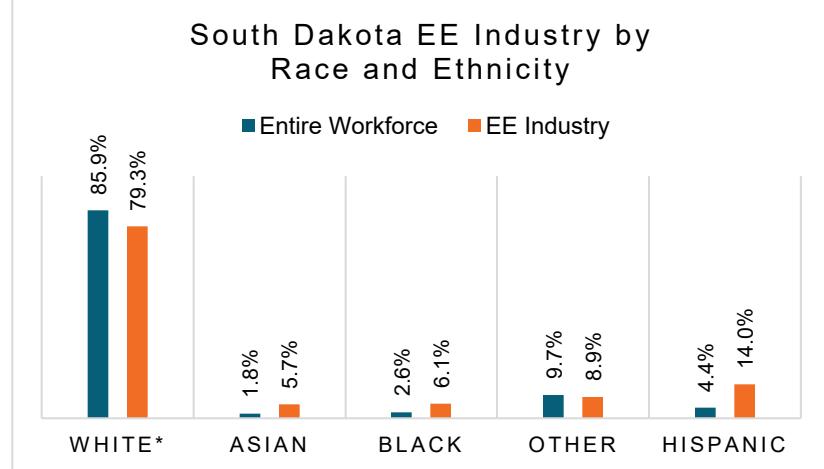
10%
of South Dakota
EE workers are
veterans



How representative is the EE workforce in South Dakota?

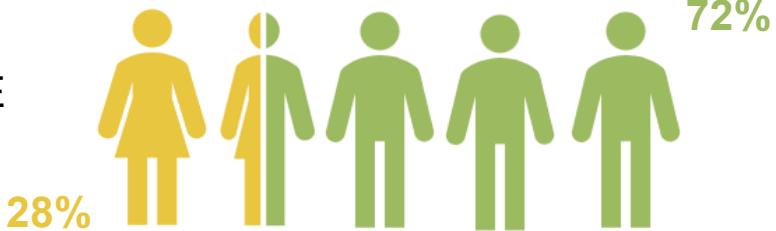
Demographic data is critical to measure progress towards a more representative EE workforce. Tracking this data helps show how well South Dakota's EE workforce reflects the communities it serves and where gaps remain.

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



*Includes non-Hispanic and Hispanic whites.

Gender in the South Dakota EE Workforce

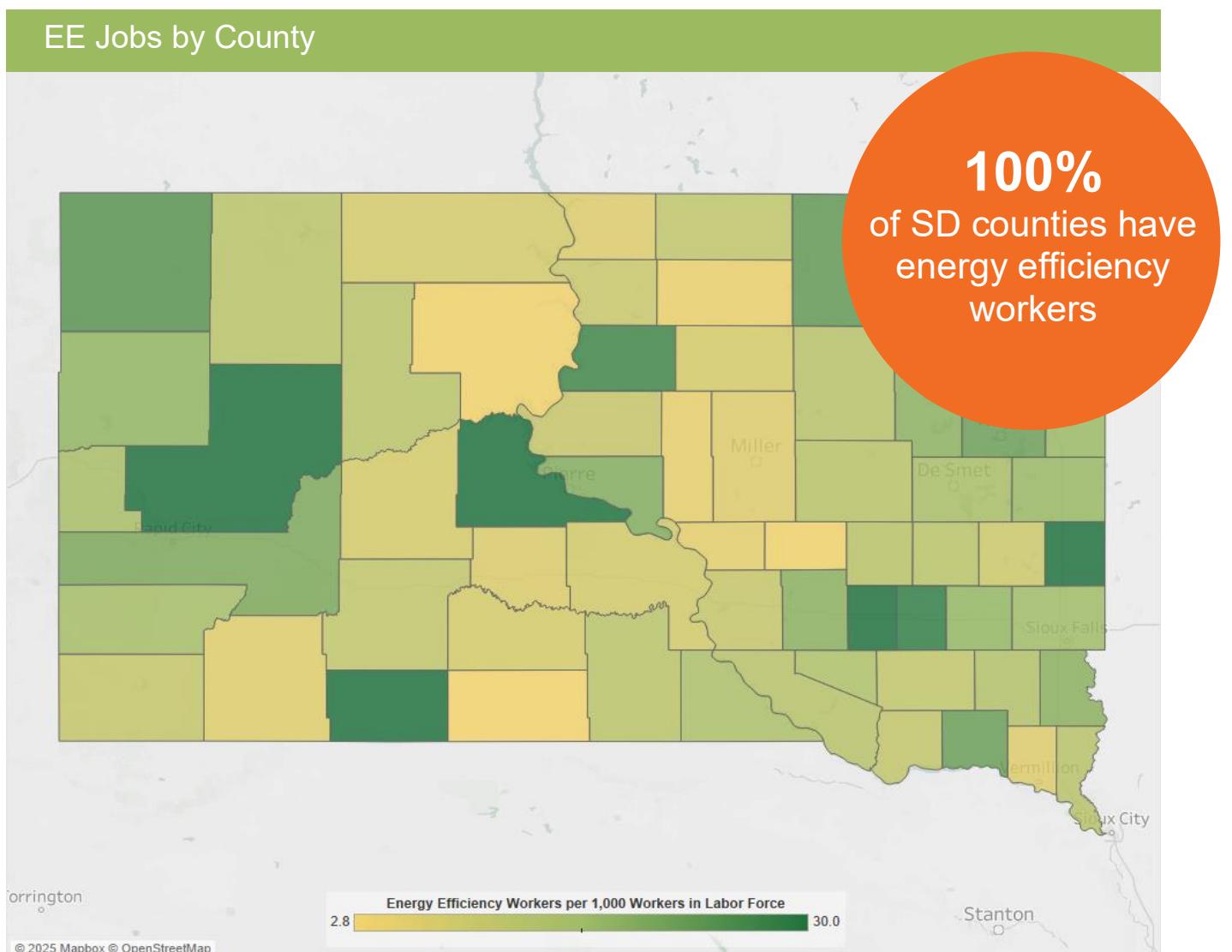


Note: The U.S. Bureau of Labor Statistics (BLS) only includes two genders in their survey. Nonbinary gender data is missing from this document due to this limitation.



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	7,898	Rapid City	1,534
		Sioux City	122
		Sioux Falls	2,874
		Rural	3,368

State Senate

District	Jobs	District	Jobs	District	Jobs	District	Jobs
1	135	10	420	19	92	28	94
2	423	11	484	20	420	29	183
3	388	12	265	21	128	30	94
4	179	13	306	22	137	31	208
5	221	14	<10	23	71	32	526
6	152	15	314	24	314	33	80
7	270	16	160	25	268	34	377
8	149	17	135	26	49	35	287
9	205	18	294	27	66		

State House of Representatives

District	Jobs	District	Jobs	District	Jobs	District	Jobs
1	135	11	484	21	128	29	183
2	423	12	265	22	137	30	94
3	388	13	306	23	71	31	208
4	179	14	<10	24	314	32	526
5	221	15	314	25	268	33	80
6	152	16	160	26A	11	34	377
7	270	17	135	26B	38	35	287
8	149	18	294	27	66		
9	205	19	92	28A	22		
10	420	20	420	28B	72		





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.

