

South Dakota

Energy Efficiency Jobs in America

7,898
Total Jobs

What are EE jobs?

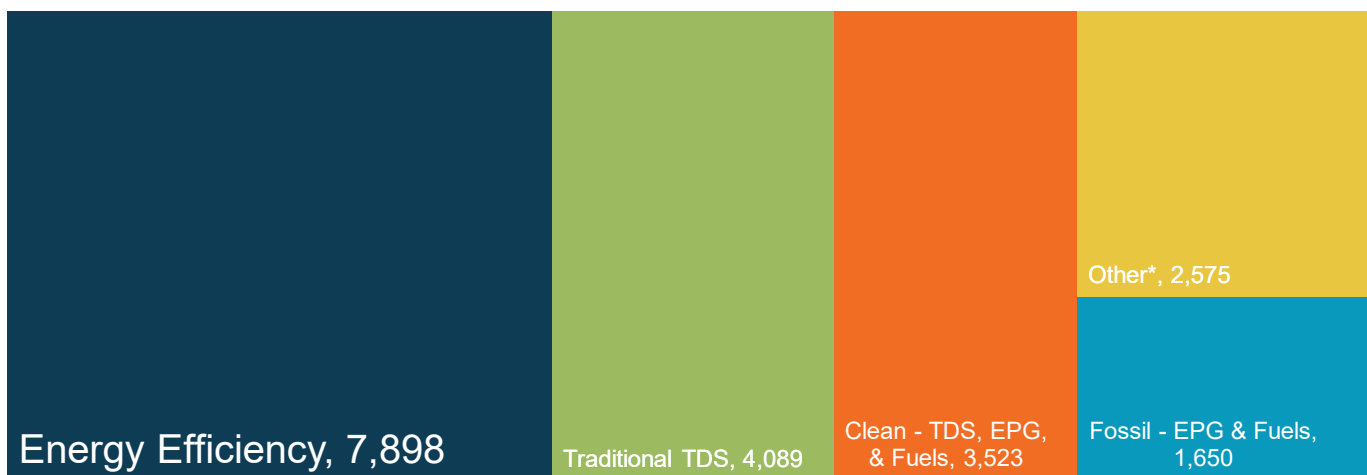
Jobs that reduce energy use by improving efficiency in appliances, buildings, data systems, financing, new technologies, and more.

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

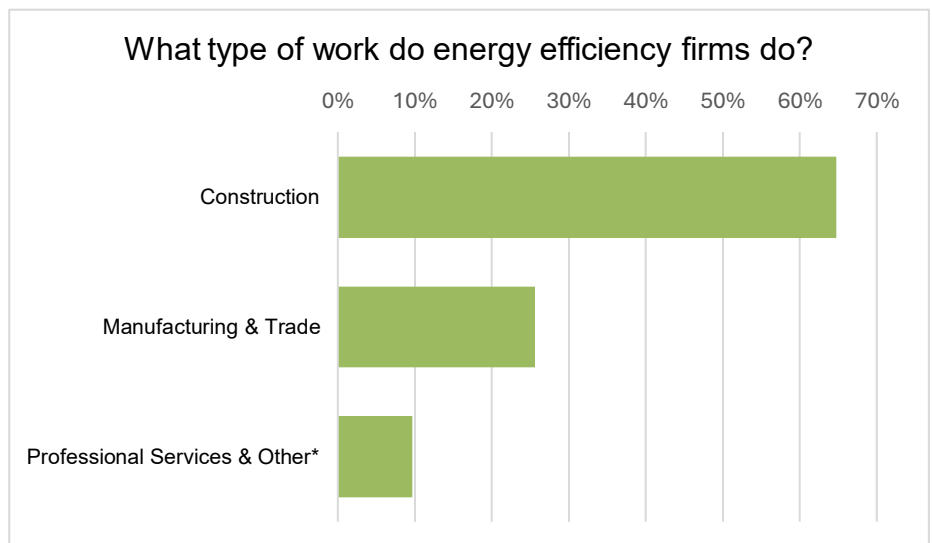
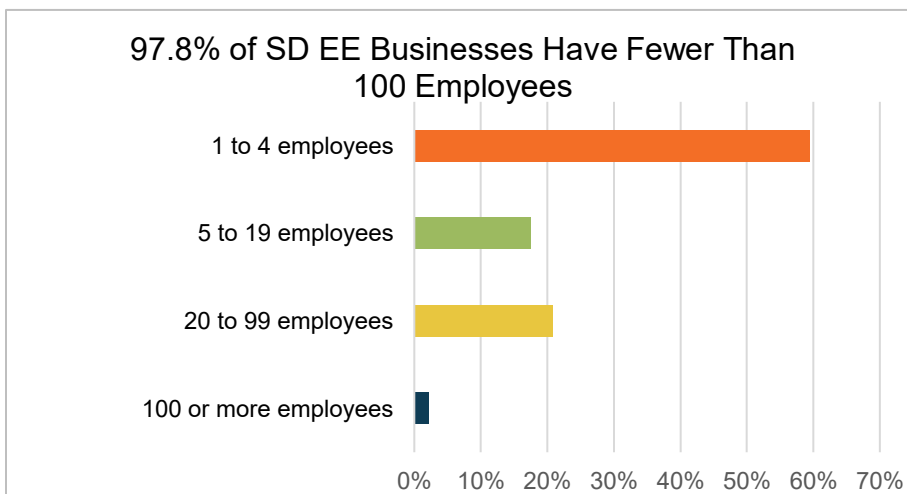
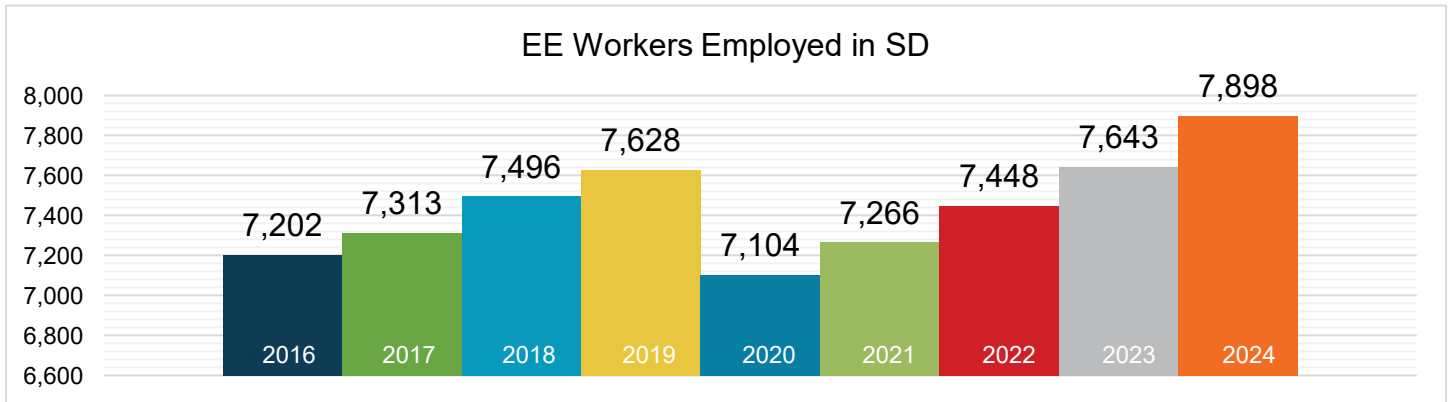
**Nuclear - EPG & Fuels = 5

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

Presented by:

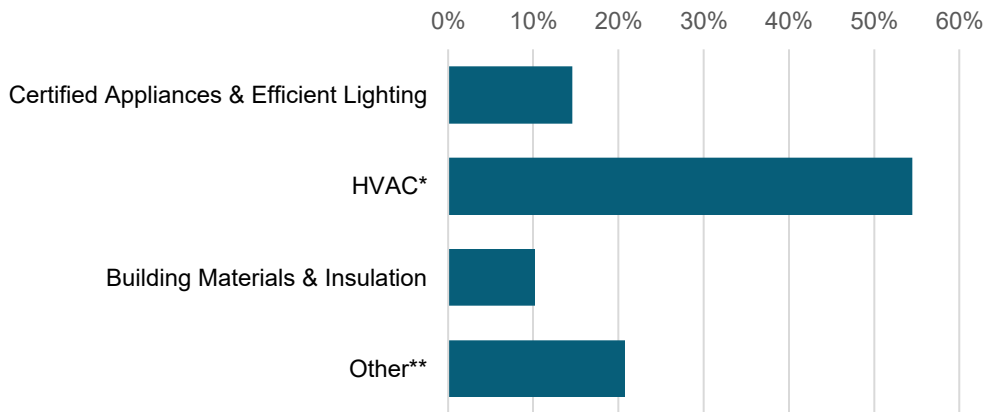


What does EE look like in South Dakota?



*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

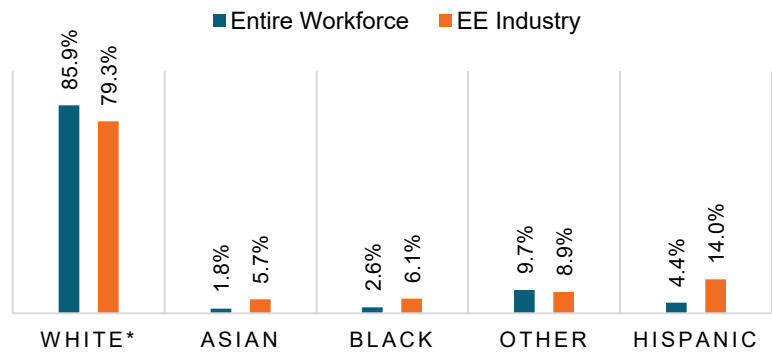


How representative is the EE workforce in South Dakota?

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.

South Dakota EE Industry by Race and Ethnicity



*Includes non-Hispanic and Hispanic whites.

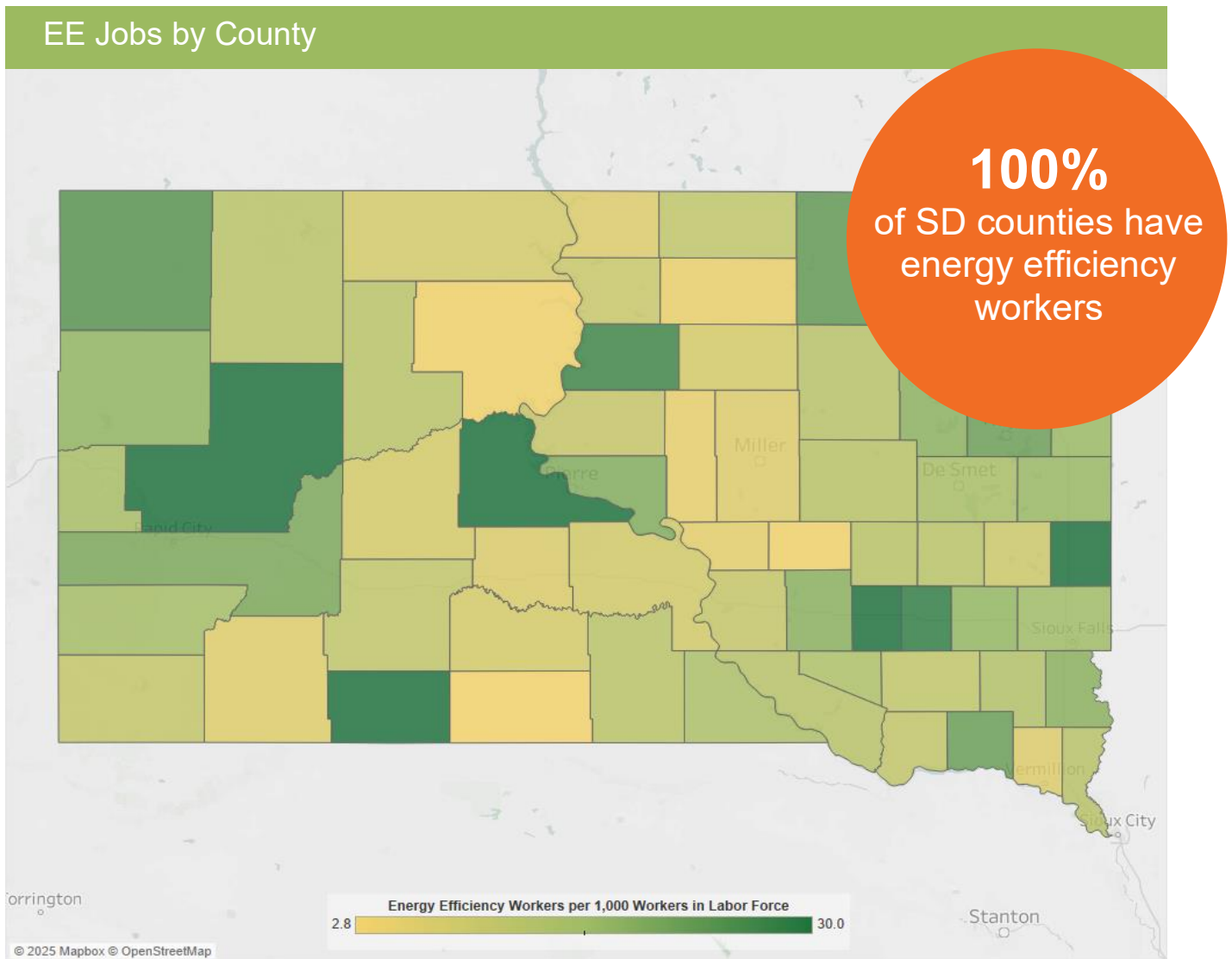
Gender in the South Dakota EE Workforce



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



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.

