Utah

Energy Efficiency Jobs in America

34,013
Total Jobs

What are EE jobs?

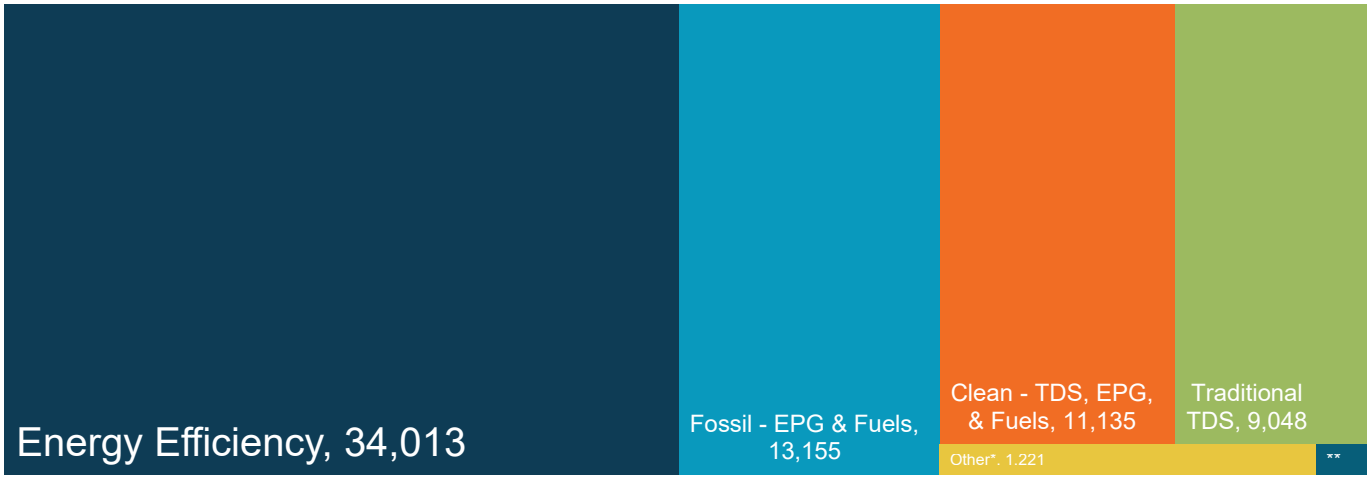
Jobs that reduce energy use by improving efficiency in appliances, buildings, data systems, financing, new technologies, and more.

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 Utah?

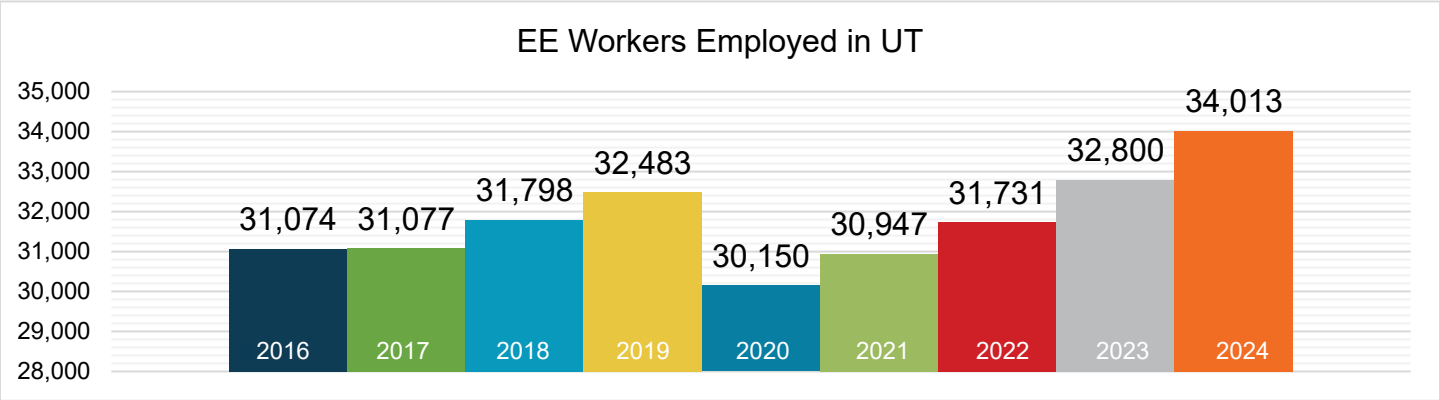
Energy efficiency is the largest energy sector in Utah.

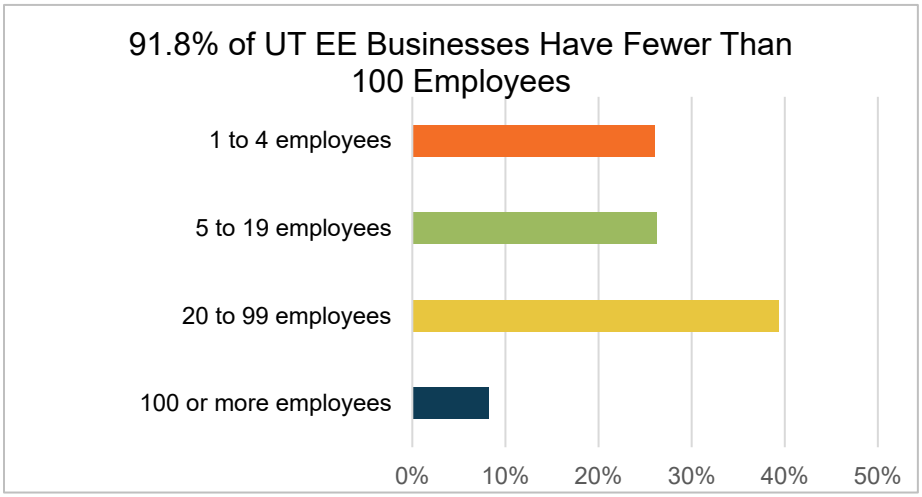


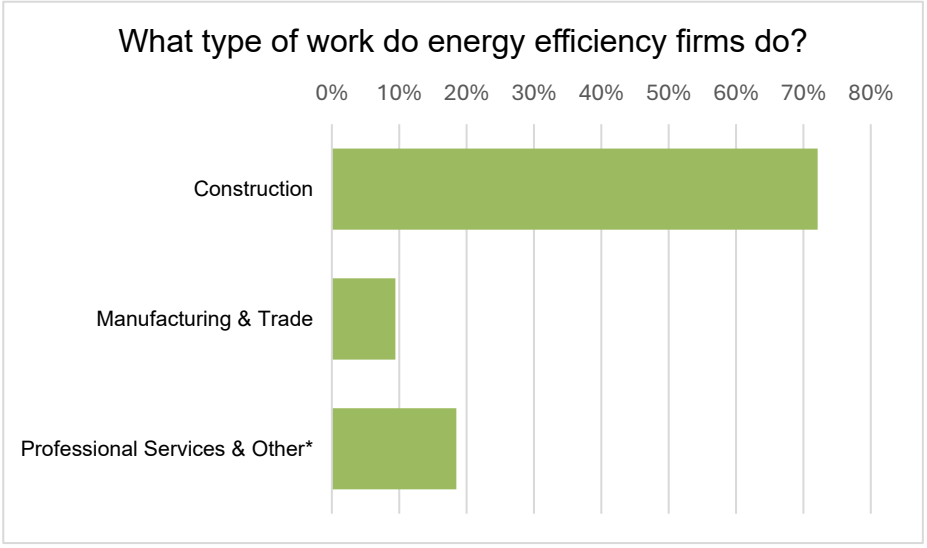
TDS = Transmission, Distribution, & Storage
EPG = Electric Power Generation
**Nuclear - EPG & Fuels = 165
*Includes other energy subsectors such as corn ethanol, woody biomass, large hydropower, and others.

Presented by:

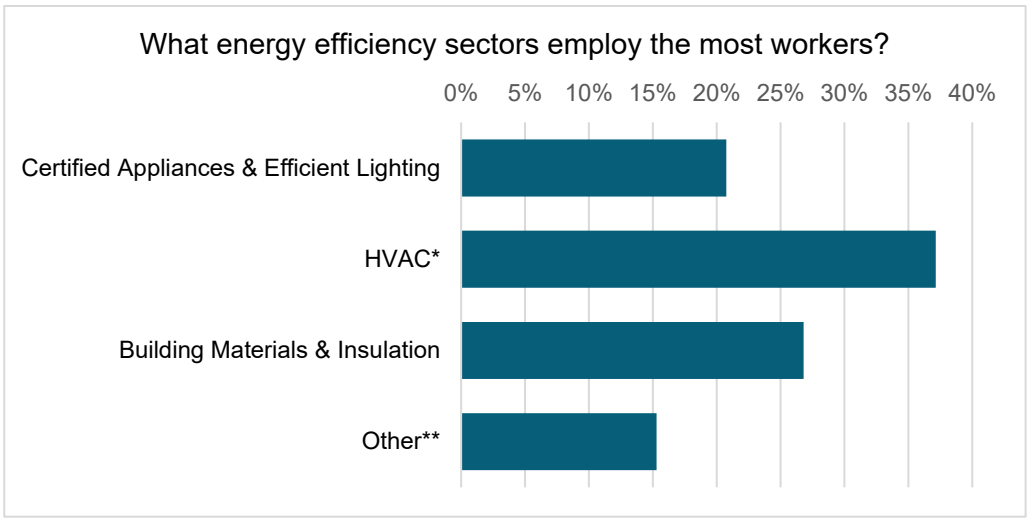
What does EE look like in Utah?







*Professional services include finance, accounting, architecture, engineering, research and development, and more. The "other" category includes roles in maintenance, business operations, and nonprofit organizations.



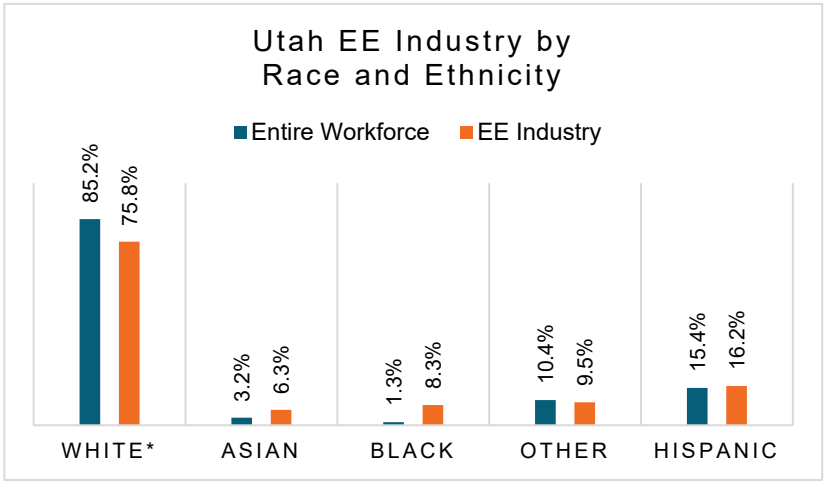
8%
of Utah
EE workers are
veterans

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

How representative is the EE workforce in Utah?

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

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

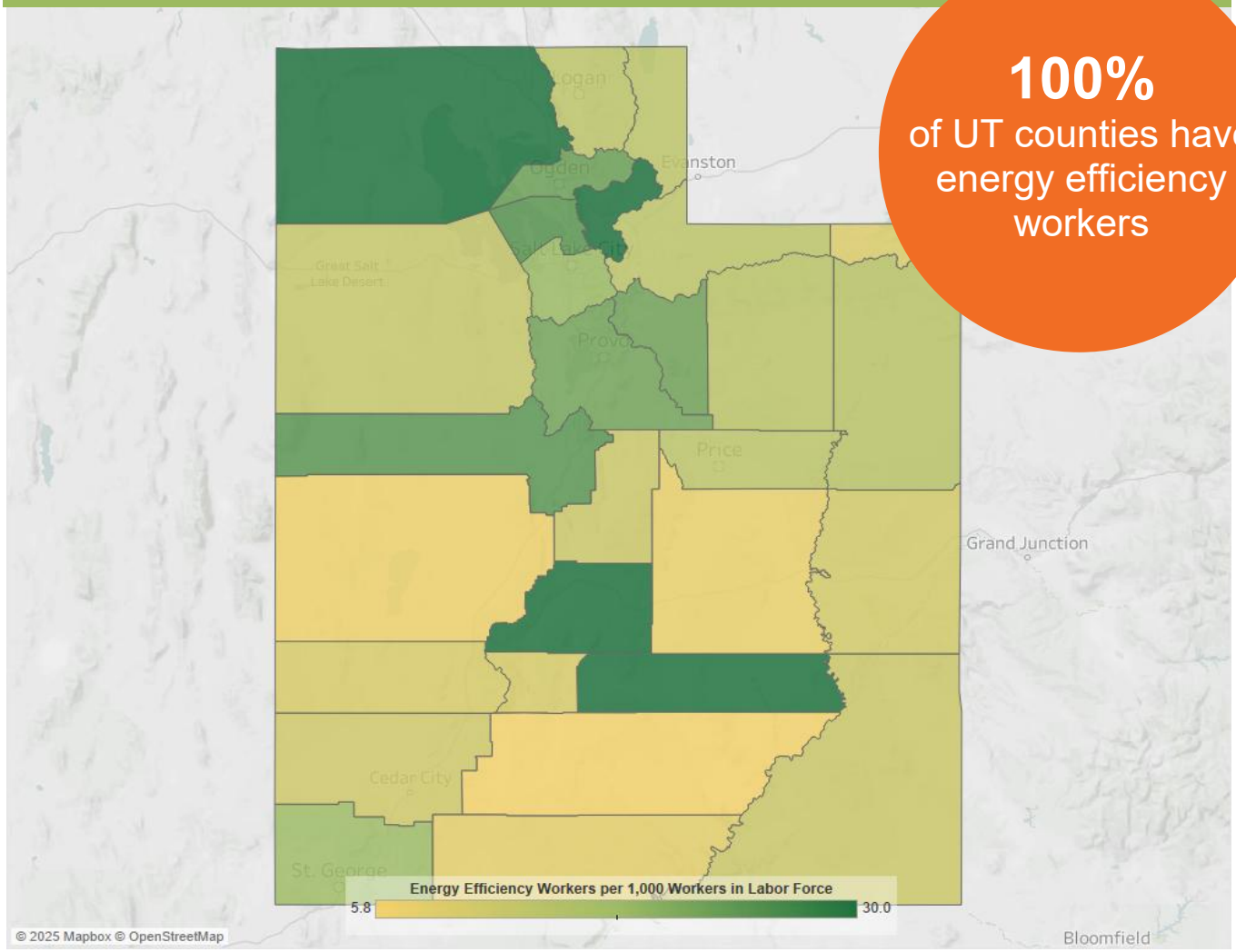


*Includes non-Hispanic and Hispanic whites.

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



100%
of UT counties have energy efficiency workers

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	
District	**Jobs**
1	8,606
2	8,036
3	8,154
4	9,216

Metropolitan Areas	
Area	**Jobs**
Logan	890
Ogden-Clearfield	7,390
Provo-Orem	6,667
Salt Lake City	1,583
St. George	15,059
Rural	2,424

State Senate							
District	Jobs	District	Jobs	District	Jobs	District	Jobs
1	1,090	9	1,662	17	970	25	1,194
2	787	10	1,876	18	1,479	26	765
3	1,444	11	657	19	1,259	27	986
4	987	12	1,651	20	801	28	843
5	845	13	1,264	21	1,109	29	1,049
6	1,553	14	916	22	1,138		
7	1,073	15	1,729	23	990		
8	857	16	1,989	24	1,053		

State House of Representatives							
District	Jobs	District	Jobs	District	Jobs	District	Jobs
1	837	20	359	39	452	58	328
2	306	21	421	40	443	59	354
3	337	22	538	41	497	60	456
4	481	23	526	42	633	61	324
5	194	24	242	43	711	62	323
6	744	25	926	44	457	63	449
7	335	26	375	45	469	64	545
8	77	27	359	46	569	65	417
9	443	28	184	47	588	66	225
10	394	29	94	48	524	67	231
11	311	30	611	49	824	68	234
12	500	31	471	50	422	69	198
13	651	32	757	51	352	70	514
14	307	33	568	52	735	71	266
15	525	34	306	53	1,004	72	266
16	254	35	450	54	604	73	690
17	378	36	835	55	456	74	140
18	394	37	495	56	367	75	417
19	460	38	613	57	471		

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.