

Utah

Energy Efficiency Jobs in America

32,800
Total Jobs

What are EE jobs?

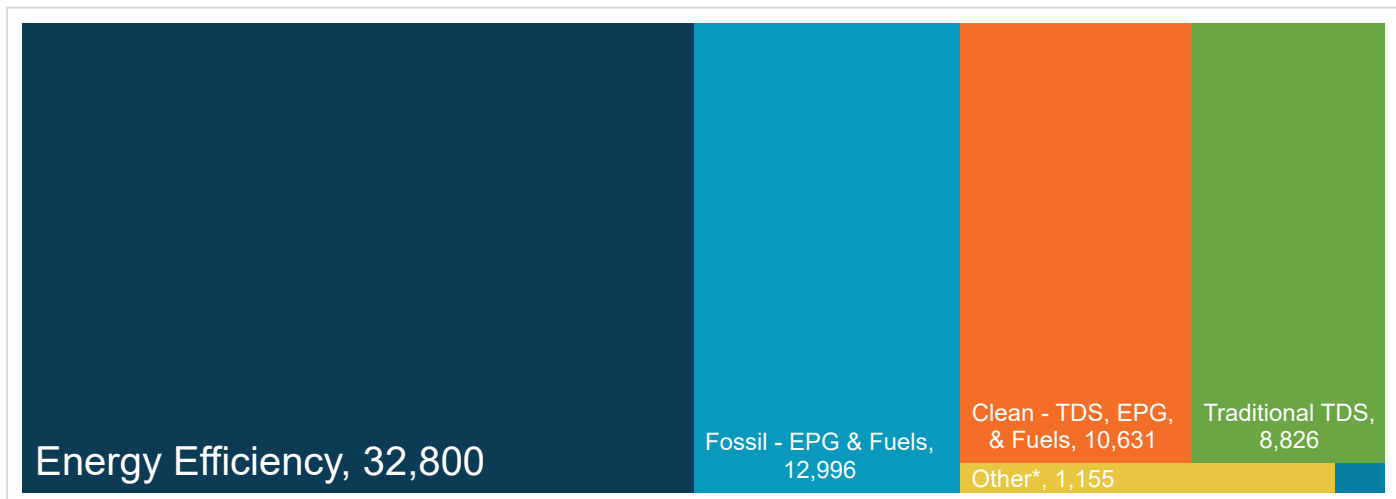
Jobs that deliver goods and services that lower energy use by improving energy efficiency with a focus on appliances, buildings, data systems, financing, new technologies, and more.

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, 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 in Utah?

Energy efficiency is the largest energy sector in Utah.



TDS = Transmission, Distribution & Storage

EPG = Electric Power Generation

Nuclear (EPG & Fuels) = 158

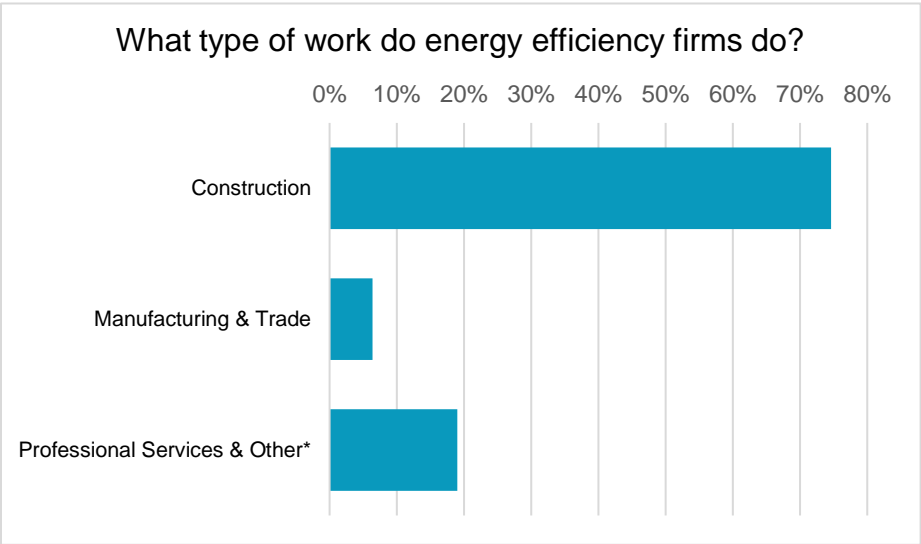
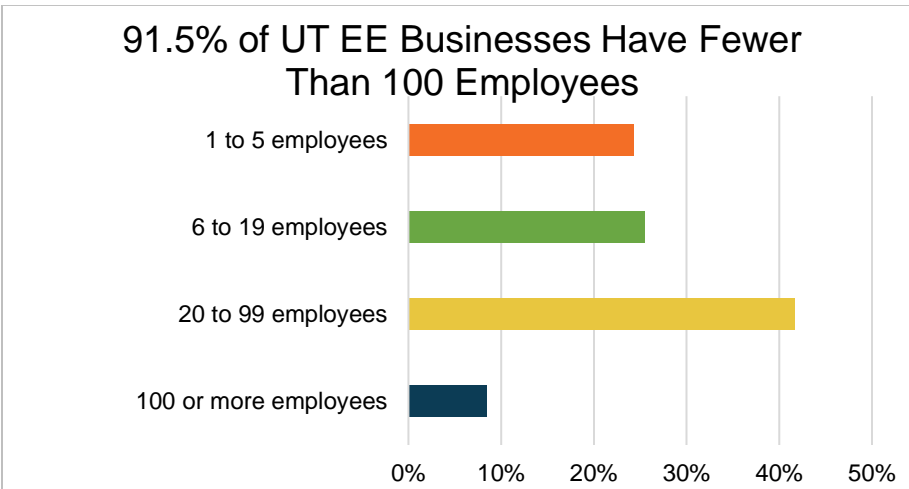
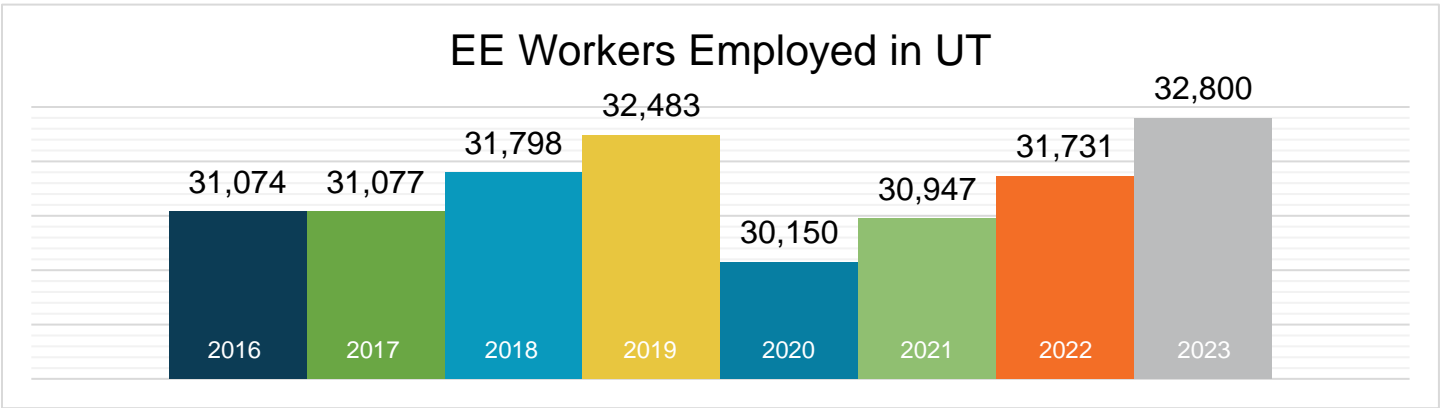
*Includes other energy subsectors such as corn ethanol, woody biomass, large hydropower, and others.

Presented by:



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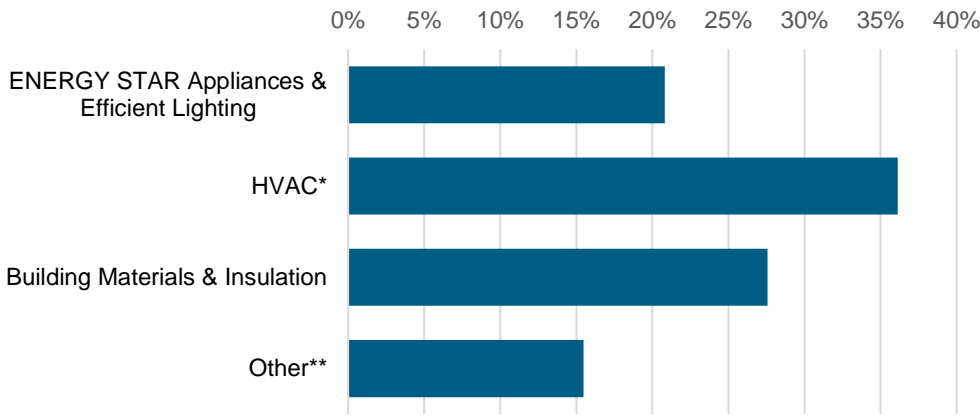
What does EE look like in Utah?



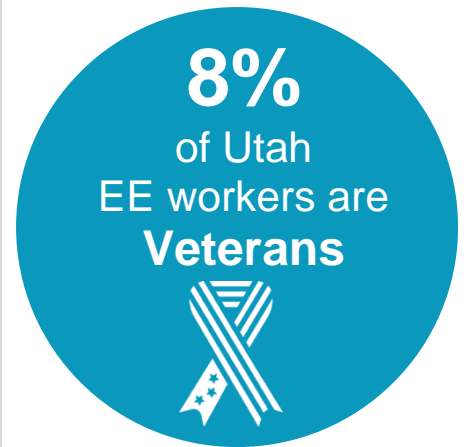
*Professional services include finance/accounting, architecture, engineering, R&D, etc. and other includes maintenance, and business, and nonprofit organizations.



What energy efficiency sectors employ the most workers?



*Heating, ventilation, air conditioning of higher than standard efficiency/renewable heating & cooling
 **Other such as energy audits, building certifications, and software services

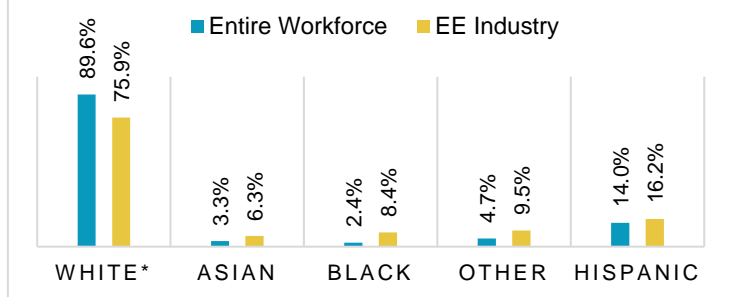


How is EE doing on diversity in Utah?

Demographic data is critical to measure progress in expanding the diversity of the EE industry. A more inclusive industry that reflects the communities it serves is a stronger one that better meets the needs of all U.S. residents. Promoting diversity in hiring is key to maintaining a future workforce of qualified professionals and ensuring all Utah communities are represented in the EE sector.

The EE industry needs to do more to prioritize minorities and women for training and support that enables access to employment at Utah businesses.

Utah EE Industry by Race and Ethnicity



*Includes non-Hispanic and Hispanic whites.

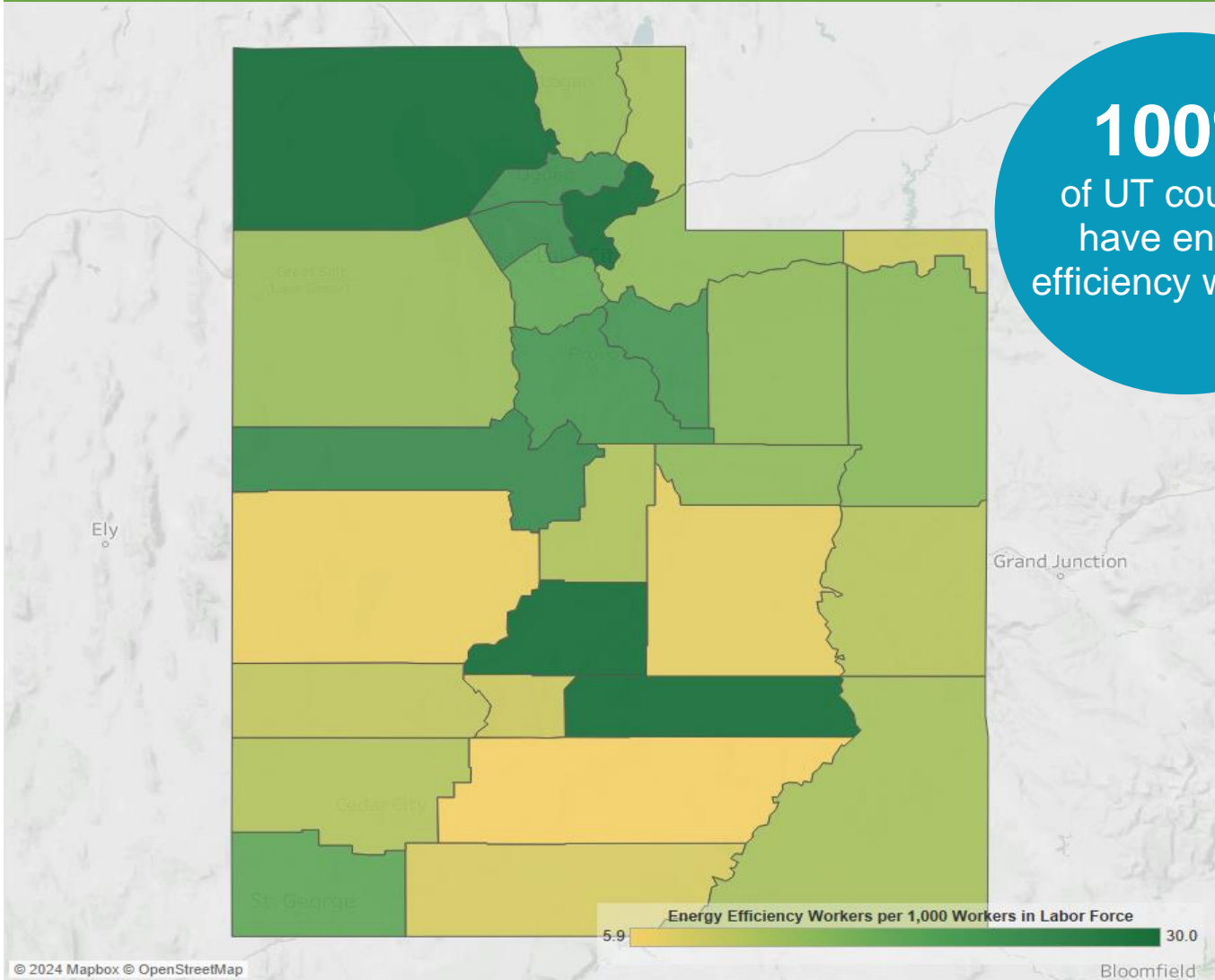
Gender in the Utah EE Workforce



Note: The U.S. Bureau of Labor Statistics (BLS) only includes two genders in their survey. Non-binary 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/330956>.

Congressional		Metropolitan Areas	
District	Jobs	Area	Jobs
1	5,403	Logan	866
2	10,213	Ogden-Clearfield	7,110
3	14,880	Provo-Orem	6,471
4	2,304	Salt Lake City	14,450
		St. George	1,540
		Rural	2,363



State Senate

District	Jobs	District	Jobs	District	Jobs	District	Jobs
1	2,508	9	350	17	946	25	372
2	3,812	10	542	18	1,638	26	1,370
3	2,568	11	5,109	19	888	27	464
4	585	12	223	20	40	28	1,991
5	81	13	225	21	623	29	87
6	1,555	14	2,412	22	413		
7	1,639	15	<10	23	717		
8	830	16	51	24	754		

State House of Representatives

District	Jobs	District	Jobs	District	Jobs	District	Jobs
1	401	20	289	39	<10	58	225
2	5,489	21	217	40	<10	59	865
3	578	22	747	41	252	60	<10
4	50	23	690	42	244	61	440
5	69	24	2,278	43	<10	62	1,165
6	2,082	25	1,638	44	557	63	345
7	469	26	765	45	165	64	<10
8	1,034	27	1,266	46	<10	65	206
9	275	28	398	47	<10	66	<10
10	40	29	318	48	549	67	21
11	577	30	137	49	<10	68	194
12	83	31	24	50	<10	69	243
13	<10	32	1,318	51	<10	70	245
14	<10	33	374	52	<10	71	613
15	217	34	872	53	1,051	72	17
16	31	35	<10	54	451	73	193
17	67	36	1,107	55	12	74	61
18	664	37	<10	56	<10	75	19
19	<10	38	<10	57	<10		





The Building Performance Association (BPA) is a 501(c) 6 nonprofit industry association that serves as the hub for businesses, nonprofits, and government agencies working to make America's homes more comfortable, healthy, and energy efficient. Our mission is to transform the market for the home performance industry through advocacy, education, professional development, and networking. [Visit www.building-performance.org](http://www.building-performance.org).



E4TheFuture is dedicated to bringing clean, efficient energy home for every American and promotes energy solutions to advance climate protection and economic fairness. Visit www.E4TheFuture.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 U.S. Energy and Employment Report, August 2024, 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

