Washington

Energy Efficiency Jobs in America

60,595
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 Washington?

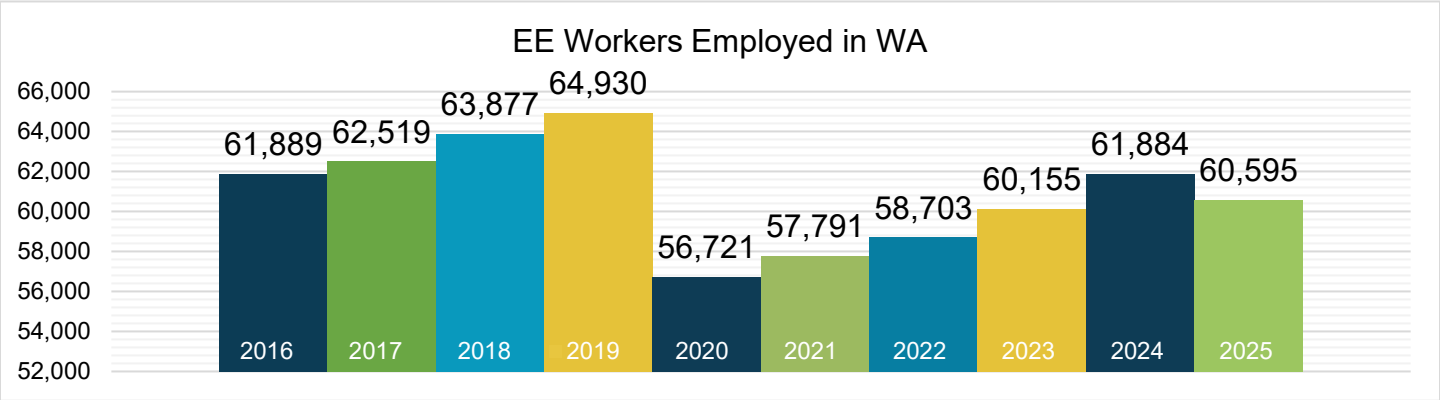
Energy efficiency is the largest energy sector in Washington.

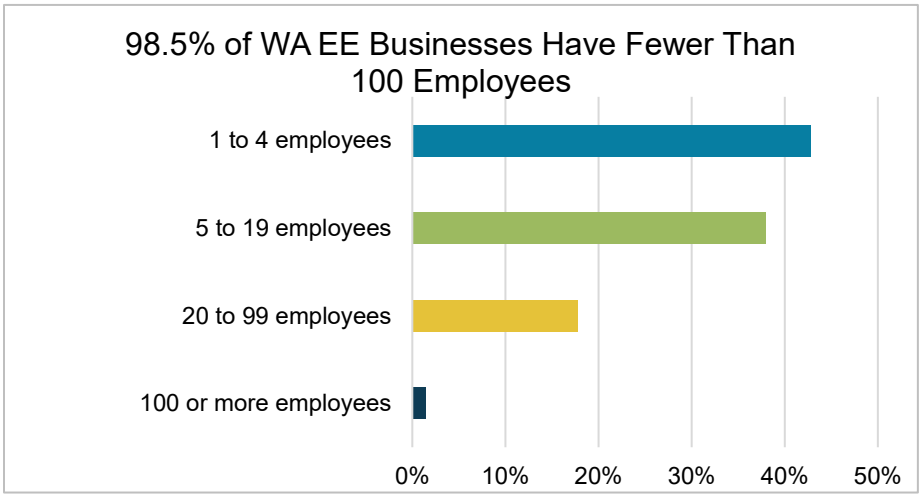


TDS = Transmission, Distribution, & Storage
EPG = Electric Power Generation
**Nuclear - EPG & Fuels = 753
*Includes other energy subsectors such as corn ethanol, woody biomass, large hydropower, and others.

Presented by:

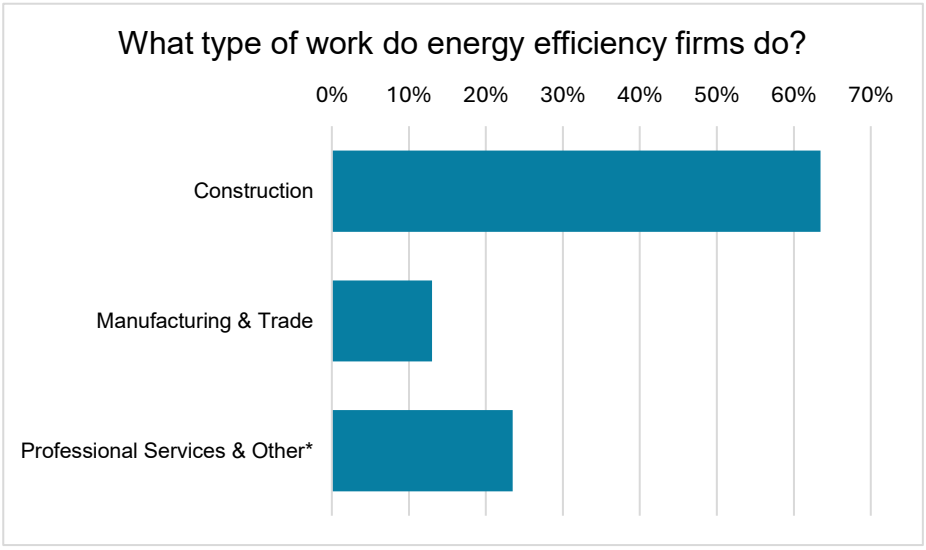
What does EE look like in Washington?



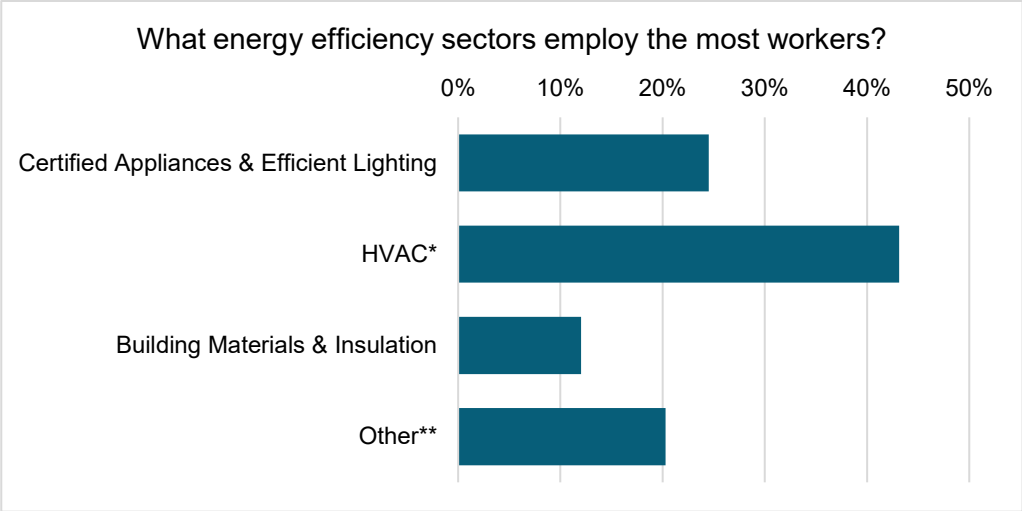


11,997
EE businesses in Washington

EE construction workers comprise **17%** of Washington's construction workforce



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



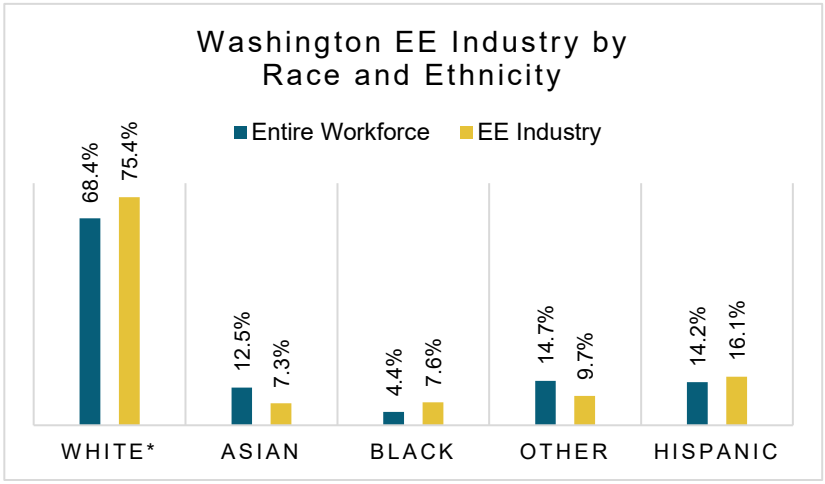
9% of Washington EE workers are **veterans**

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 Washington?

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

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



*Includes non-Hispanic and Hispanic whites.

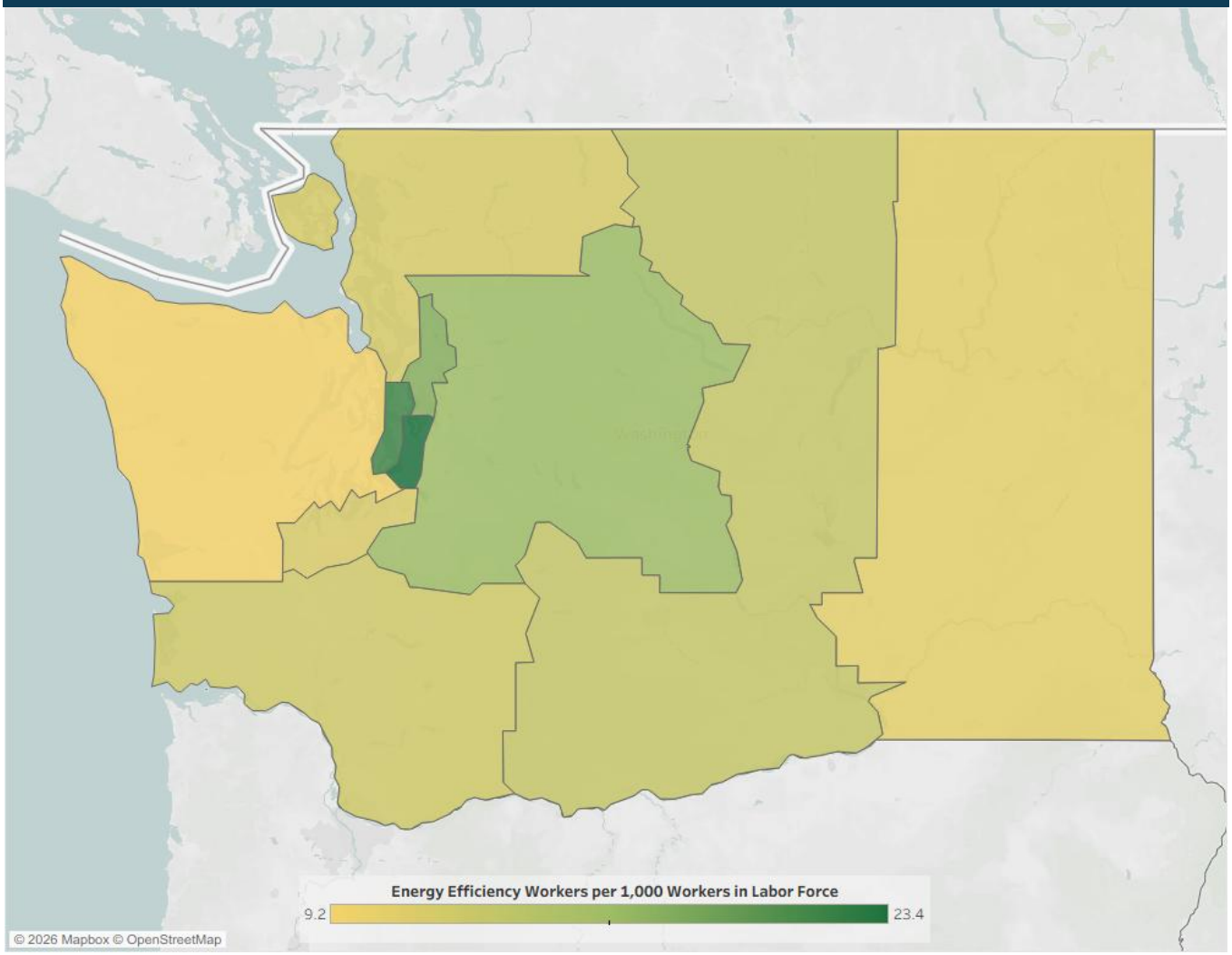
Gender in the Washington EE Workforce



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 Congressional District



Congressional				Metropolitan Areas			
District	Jobs	District	Jobs	Area	Jobs	Area	Jobs
1	7,721	8	6,515	Bellingham	1,603	Portland-Vancouver-Hillsboro	3,772
2	4,573	9	9,919	Bremerton-Silverdale	1,171	Seattle-Tacoma-Bellevue	39,976
3	4,721	10	4,312	Kennewick-Richland	2,562	Spokane-Spokane Valley	3,437
4	4,778			Lewiston	106	Wenatchee	612
5	4,059			Longview	449	Yakima	1,430
6	3,338			Mount Vernon-Anacortes	782	Rural	3,264
7	10,660			Olympia-Tumwater	1,432		

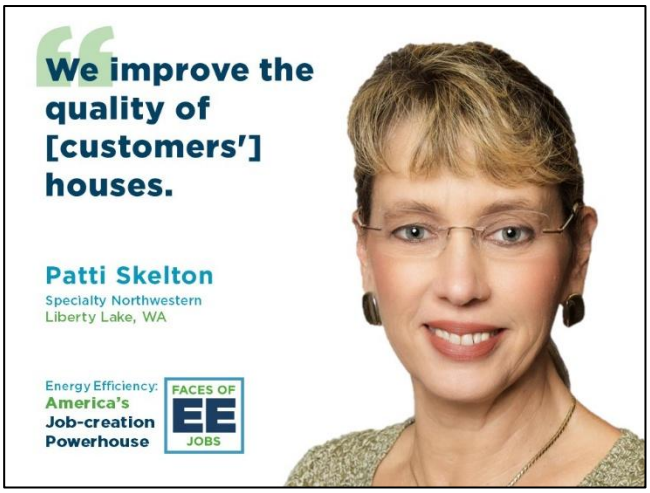
State Senate							
District	Jobs	District	Jobs	District	Jobs	District	Jobs
1	1,188	14	452	27	779	40	1,317
2	929	15	1,143	28	863	41	1,225
3	888	16	991	29	866	42	1,017
4	1,027	17	1,004	30	1,936	43	1,184
5	1,723	18	1,666	31	608	44	1,255
6	1,114	19	575	32	1,996	45	1,711
7	532	20	785	33	1,832	46	2,638
8	1,667	21	1,041	34	2,272	47	2,777
9	495	22	993	35	267	48	3,146
10	675	23	653	36	1,950	49	762
11	2,110	24	596	37	2,494		
12	1,352	25	980	38	756		
13	677	26	893	39	797		

State House of Representatives							
District	Jobs	District	Jobs	District	Jobs	District	Jobs
1	1,188	14	452	27	779	40	1,317
2	929	15	1,143	28	863	41	1,225
3	888	16	991	29	866	42	1,017
4	1,027	17	1,004	30	1,936	43	1,184
5	1,723	18	1,666	31	608	44	1,255
6	1,114	19	575	32	1,996	45	1,711
7	532	20	785	33	1,832	46	2,638
8	1,667	21	1,041	34	2,272	47	2,777
9	495	22	993	35	267	48	3,146
10	675	23	653	36	1,950	49	762
11	2,110	24	596	37	2,494		
12	1,352	25	980	38	756		
13	677	26	893	39	797		

Faces of EE

The EE industry creates jobs, lowers bills, and strengthens the economy. Woven through communities via manufacturing, construction, professional services, and more, EE jobs are the backbone of the energy sector. This sample of people highlights just a few of the wide variety of jobs in the energy efficiency industry and the potential for growth when workforce development and training are prioritized.





Note: Some individuals pictured may have changed jobs since they joined Faces of EE.

This report was funded by the Building Performance Foundation and informed by the industry expertise of the Building Performance Association. Research was conducted by BW Research Partnership.

The Building Performance Foundation (BPF) is a 501(c)(3) charitable organization that works with policymakers, industry stakeholders, and professionals across the trades to educate and advance understanding of building performance, support workforce development, and expand access to career opportunities. Visit www.foundation.building-performance.org.

The Building Performance Association (BPA) is a 501(c)(6) industry trade association that serves and represents the professionals and businesses working to make America's homes more comfortable, healthy, and energy efficient, supporting them through membership, advocacy, education, and engagement. 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 2026 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.