

District of Columbia

Energy Efficiency Jobs in America

12,625
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 District of Columbia?

Energy efficiency is the largest energy sector in District of Columbia.



TDS = Transmission, Distribution, & Storage

EPG = Electric Power Generation

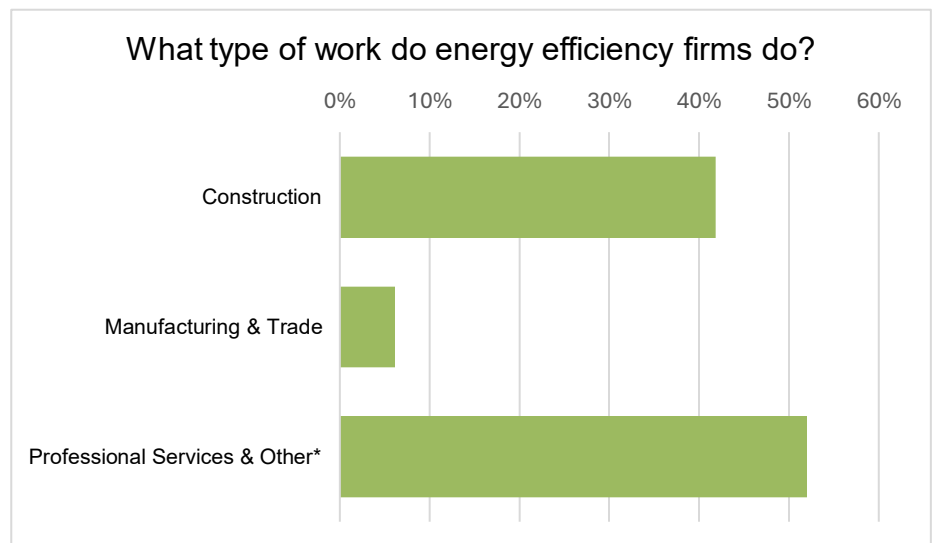
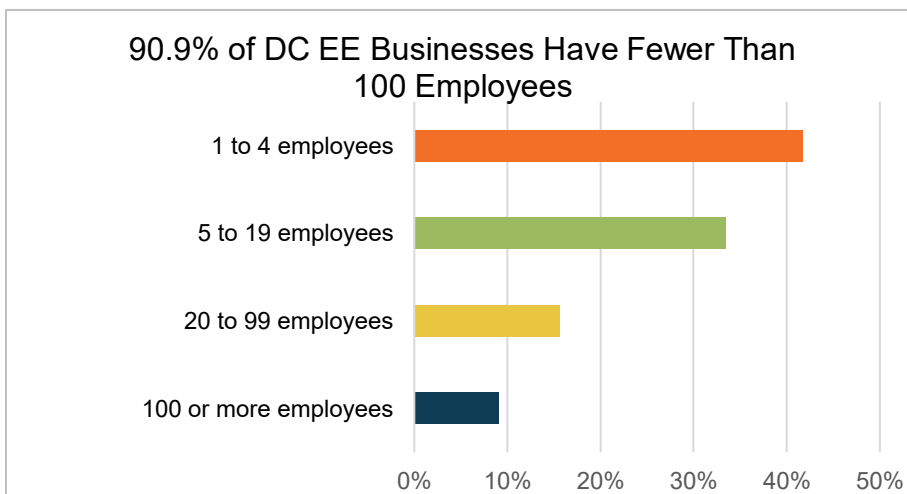
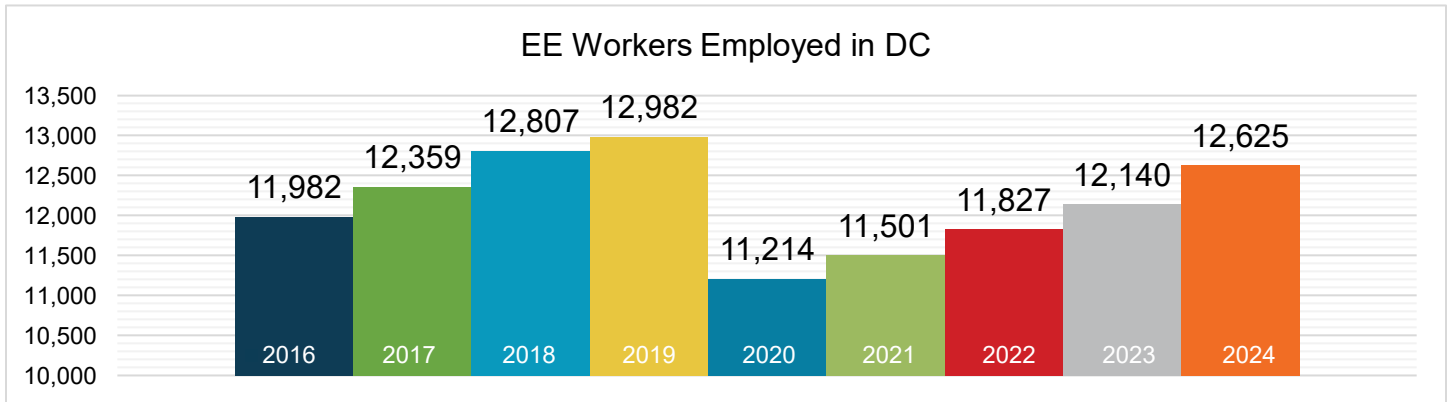
**Nuclear - EPG & Fuels = 168

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

Presented by:

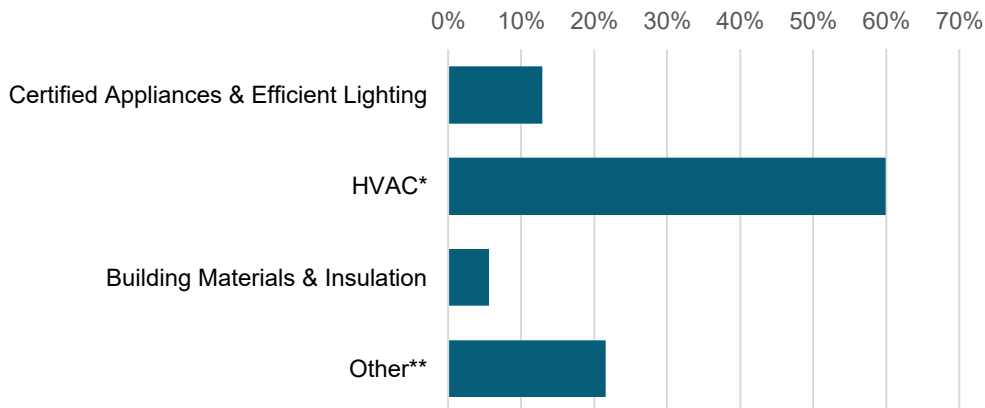


What does EE look like in District of Columbia?



*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

7%
of District of
Columbia
EE workers are
veterans

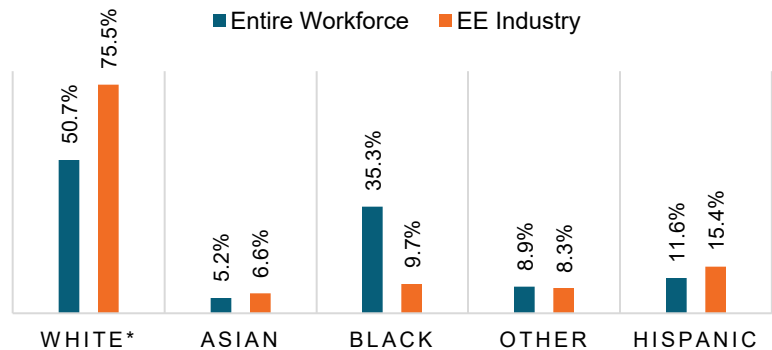


How representative is the EE workforce in District of Columbia?

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

Expanded training programs in District of Columbia can help ensure energy efficiency careers are accessible to all.

District of Columbia EE Industry by Race and Ethnicity



*Includes non-Hispanic and Hispanic whites.

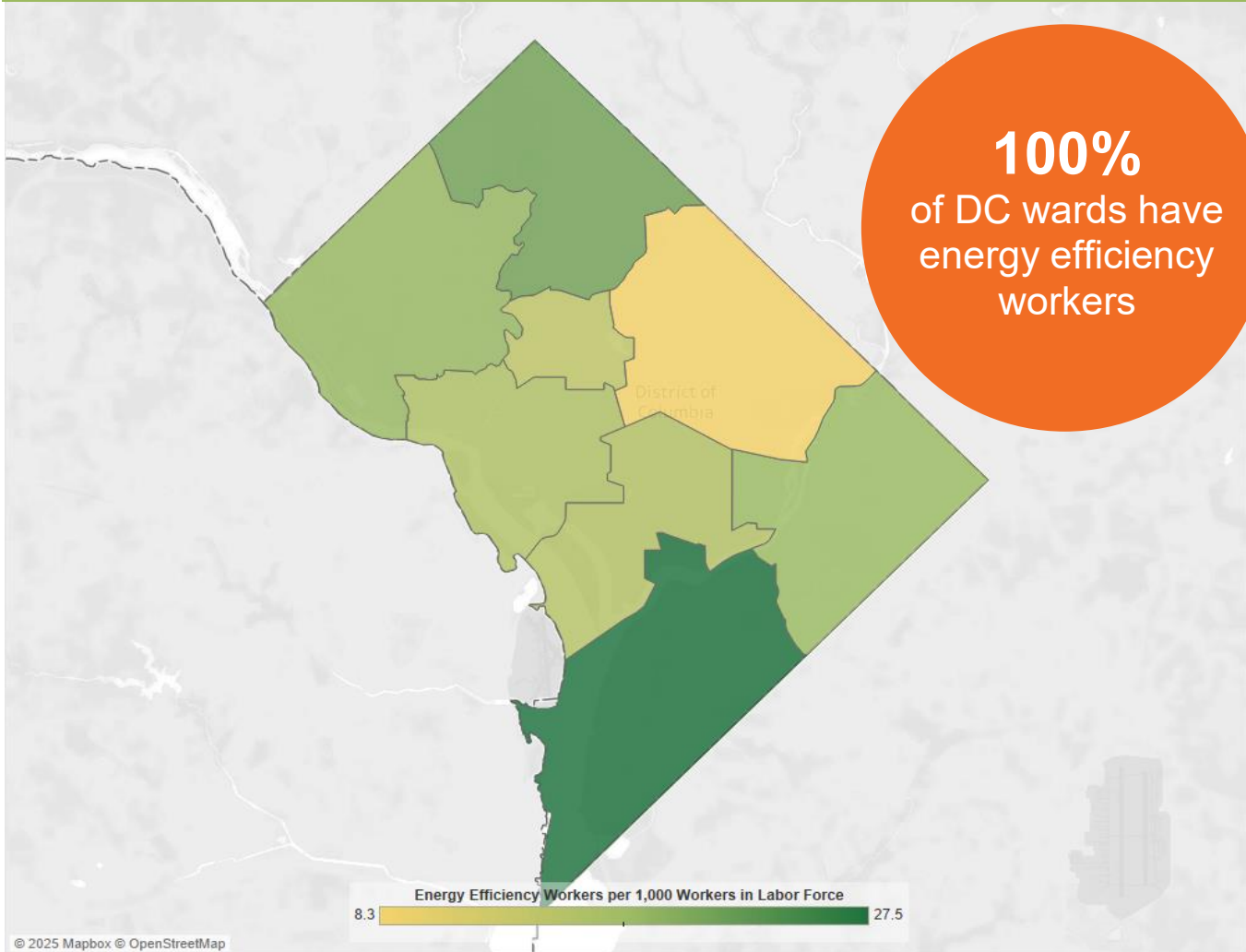
Gender in the District of Columbia EE Workforce



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 Ward



Congressional		Metropolitan Areas	
Ward	Jobs		Area
1	12,625		Washington-Arlington-Alexandria
			Jobs
			12,625

Council of the District of Columbia							
Ward	Jobs		Ward	Jobs		Ward	Jobs
1	1,606		4	1,830		7	1,091
2	1,724		5	786		8	1,665
3	1,685		6	2,238			



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.

