

# District of Columbia

## Energy Efficiency Jobs in America



### 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 & industrial buildings.
- **Design and construct** high performance buildings such as those earning LEED certification.
- **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 District of Columbia?

*Energy Efficiency is the largest energy sector in District of Columbia.*



TDS = Transmission, Distribution & Storage

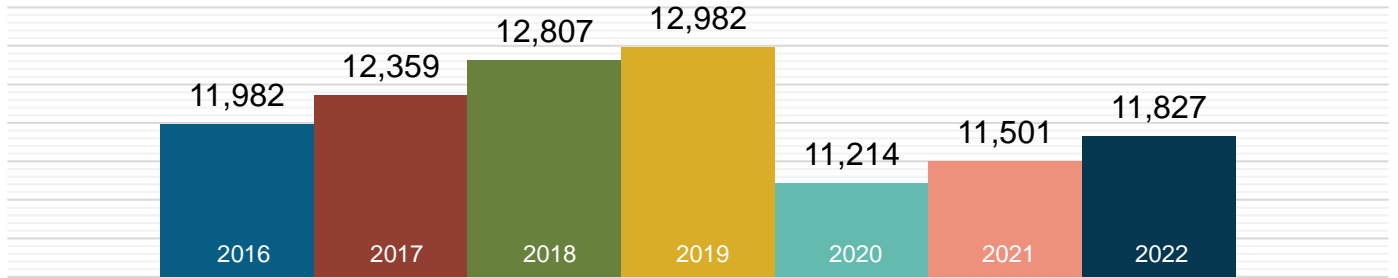
EPG = Electric Power Generation

Nuclear (EPG & Fuels) = 153

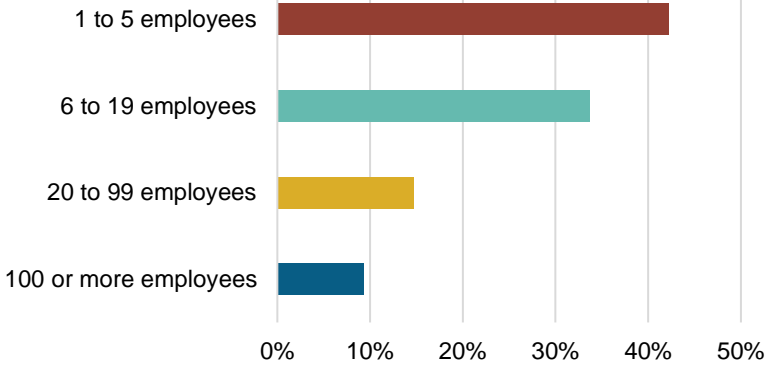
\*Includes other energy subsectors such as corn ethanol, woody biomass, large hydropower, and others.

# What does EE look like in District of Columbia?

## EE Workers Employed in DC



## 90.7% of DC EE Businesses Have Fewer Than 100 Employees



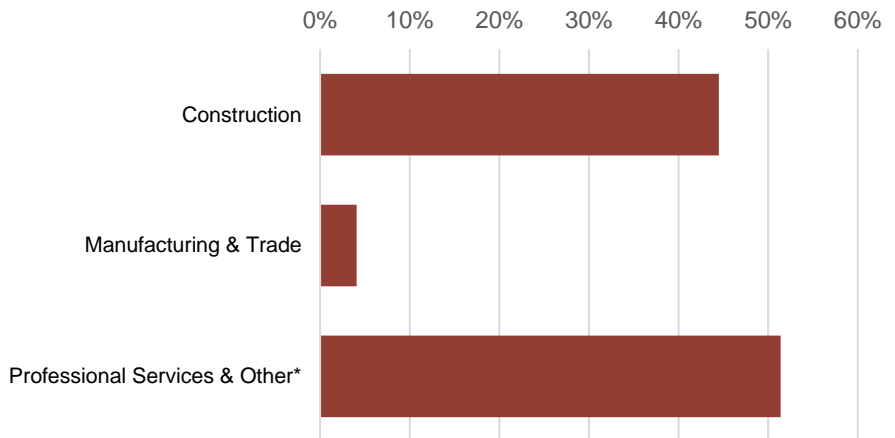
**2,769**  
EE businesses in  
District of Columbia



EE construction workers comprise **34%** of District of Columbia's construction workforce

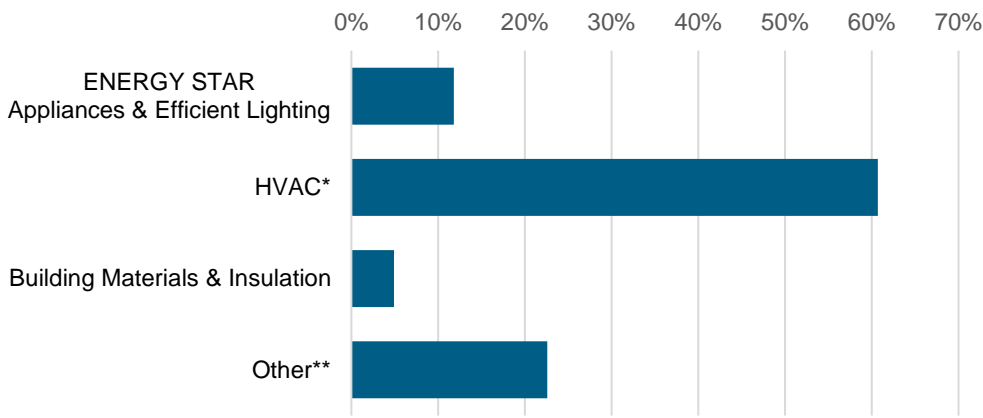


## What type of work do energy efficiency firms do?



\*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?



**7%**  
of District of Columbia  
EE workers are  
**Veterans**

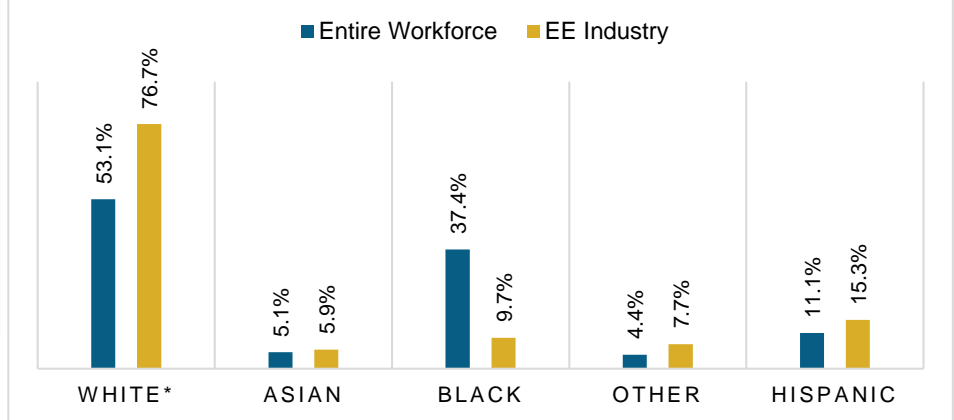
\*Heating, Ventilation, Air Conditioning of higher than standard efficiency/renewable heating & cooling  
\*\*Other such as energy audits, building certifications, and software services

## How is EE doing on diversity in District of Columbia?

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 District of Columbia 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 EE businesses.

### District of Columbia EE Industry by Race and Ethnicity



\*Includes non-Hispanic and Hispanic whites.

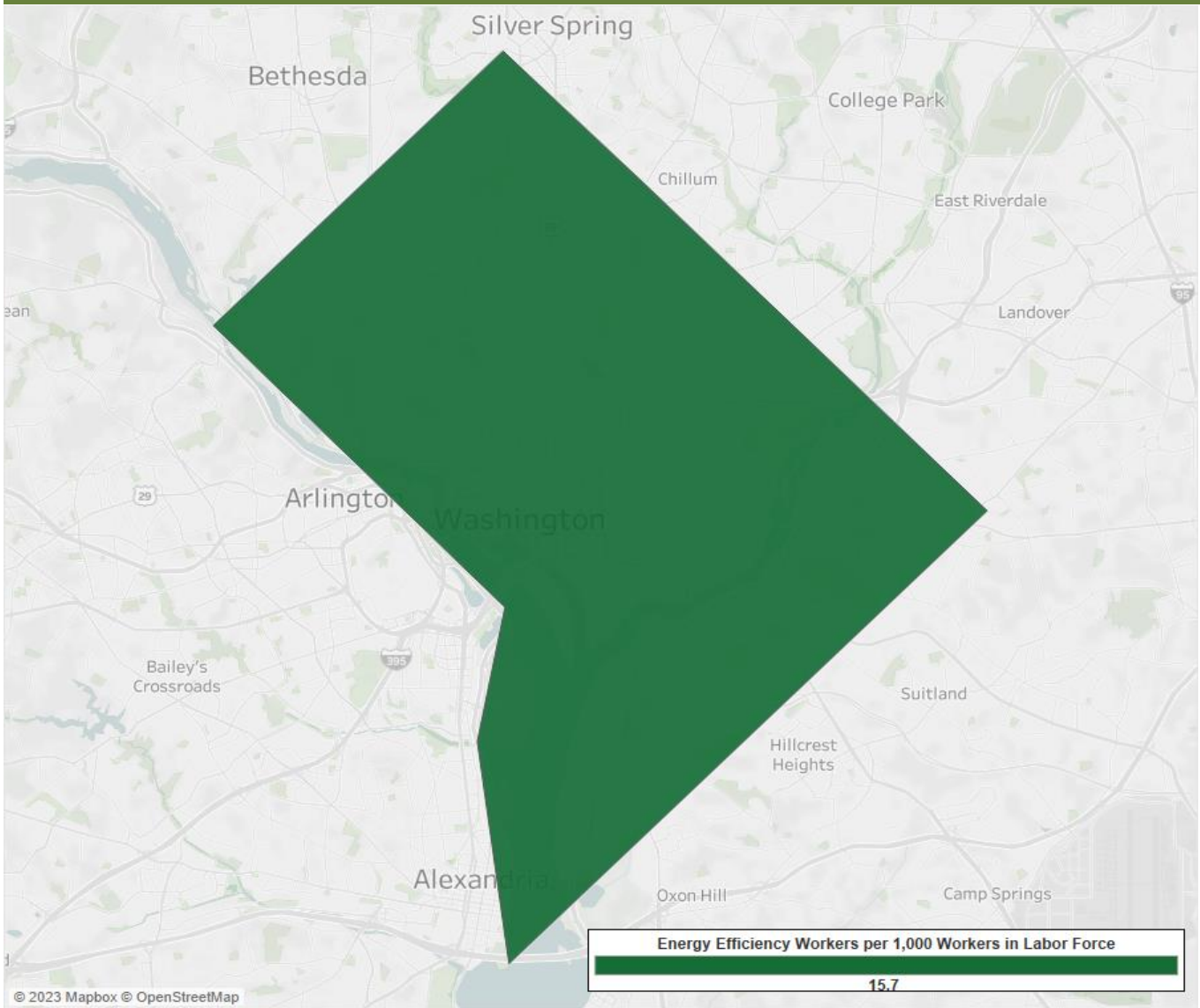
### Gender in the District of Columbia EE Workforce



Note: The U.S. Bureau of Labor Statistics (BLS) only includes two genders in their survey. Non-binary gender data is missing from this document due to this limitation.

# Energy Efficiency Jobs are Everywhere

## EE Workers per 1,000 Workers in the D.C. Labor Force



Congressional		Metropolitan Areas	
District	Jobs	Area	Jobs
1	11,827	Washington-Arlington-Alexandria	11,827

State Upper House							
District	Jobs		District	Jobs		District	Jobs
1	2,225		4	144		7	302
2	7,924		5	268		8	109
3	426		6	429			



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Data Source: Except for county data on page 4, all data are from the U.S. Energy and Employment Report, June 2023, 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.

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