# Maine

## Energy Efficiency Jobs in America

**9,492**
Total Jobs

## What are EE jobs?

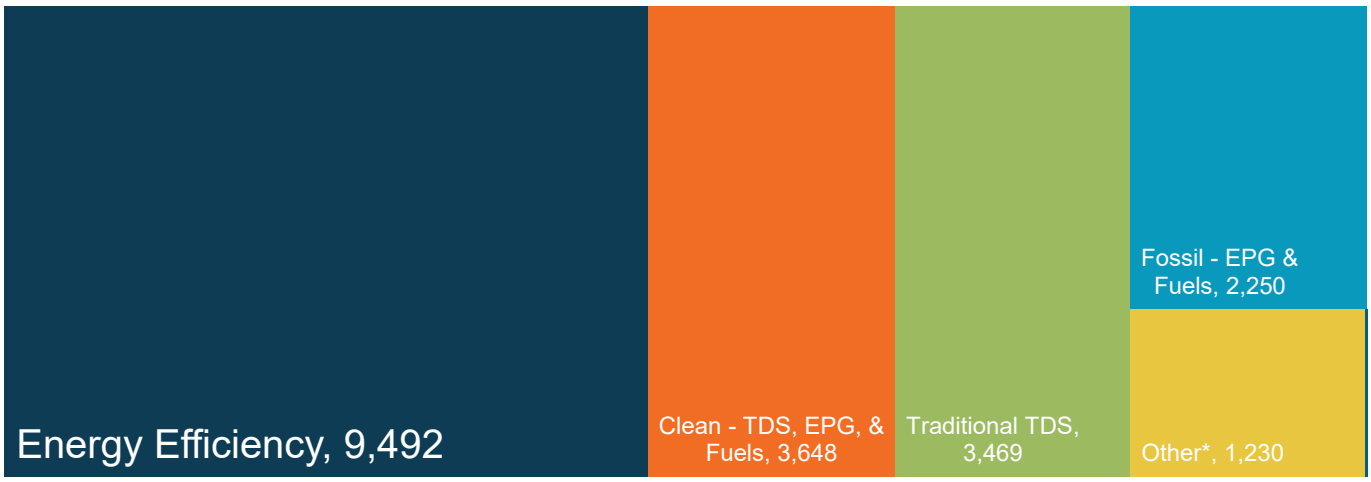
*Jobs that reduce energy use by improving efficiency in appliances, buildings, data systems, financing, new technologies, and more.*

### 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 Maine?

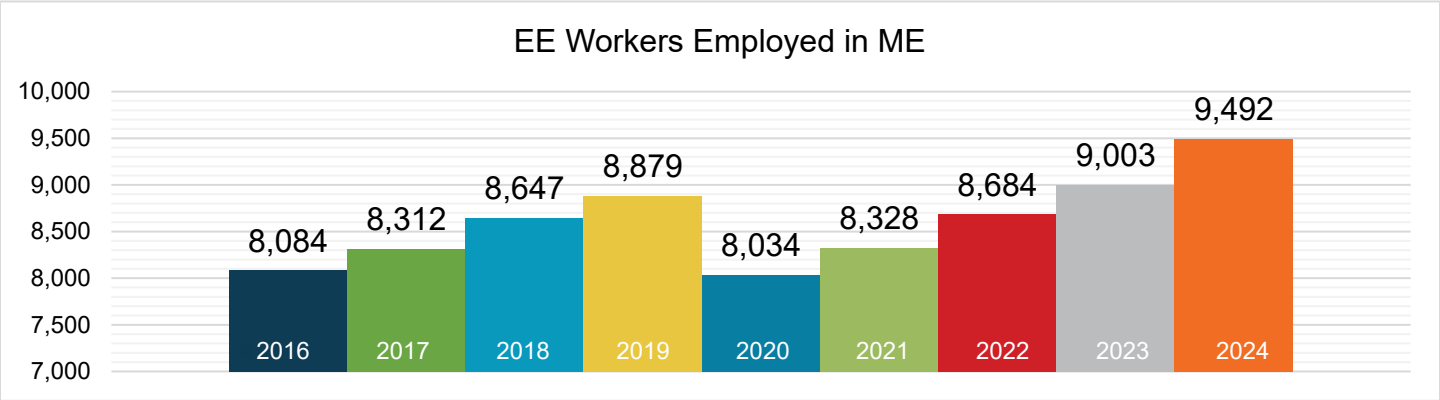
*Energy efficiency is the largest energy sector in Maine.*

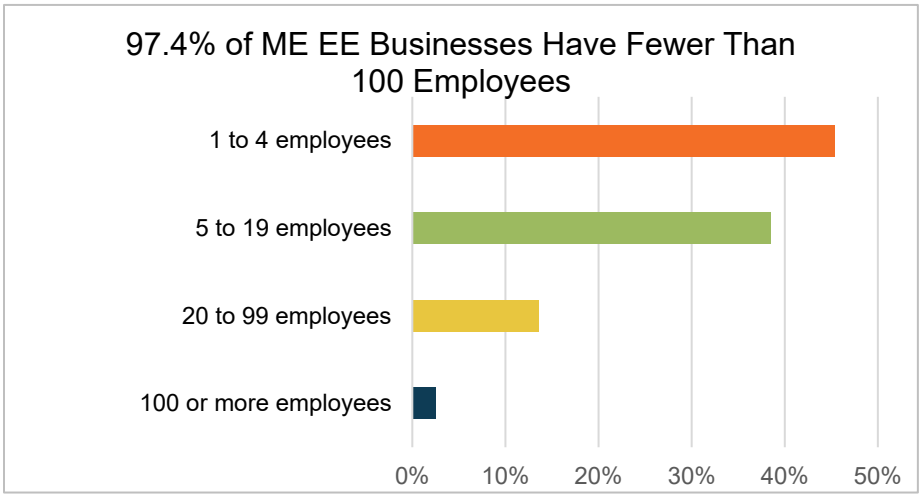



TDS = Transmission, Distribution, & Storage
EPG = Electric Power Generation
**Nuclear - EPG & Fuels = 13
*Includes other energy subsectors such as corn ethanol, woody biomass, large hydropower, and others.

Presented by:

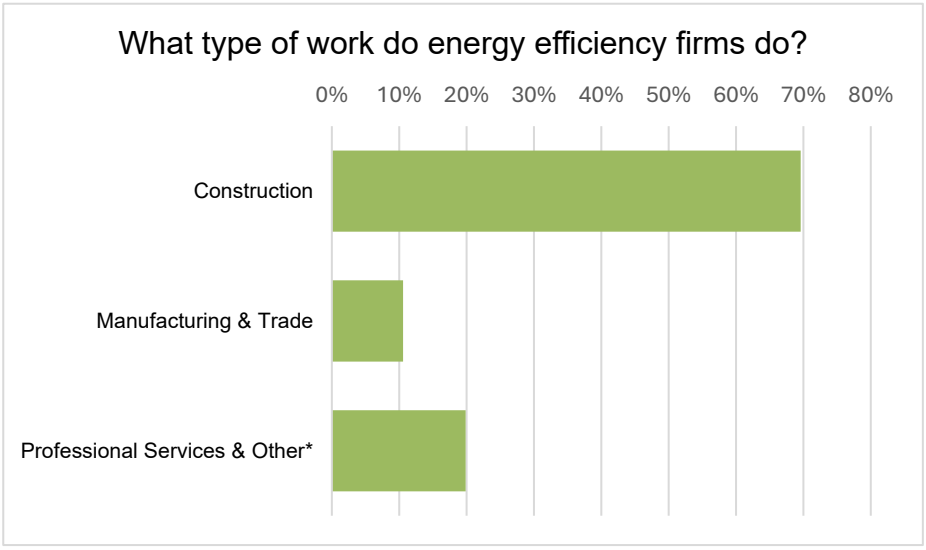
# What does EE look like in Maine?



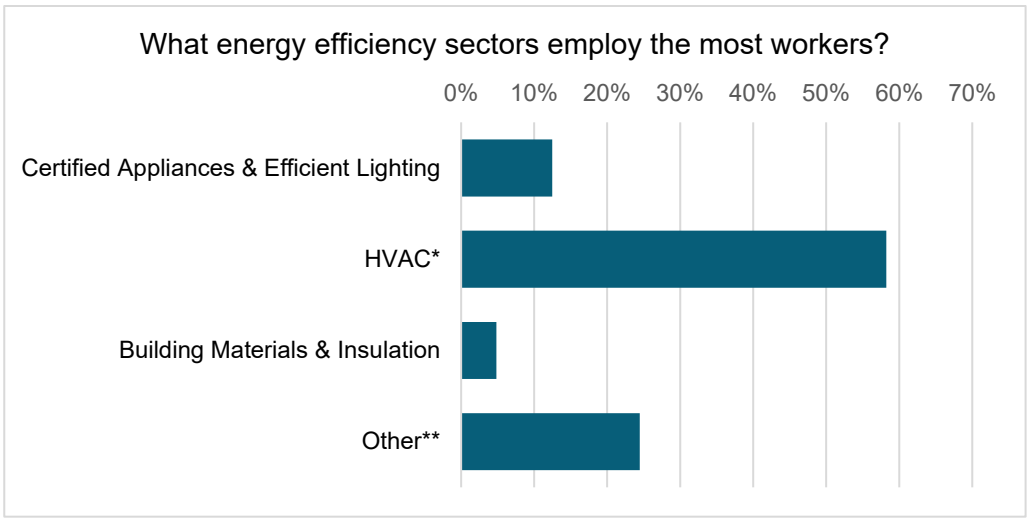




**1,737**
EE businesses in Maine

EE construction workers comprise **19%** of Maine'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.



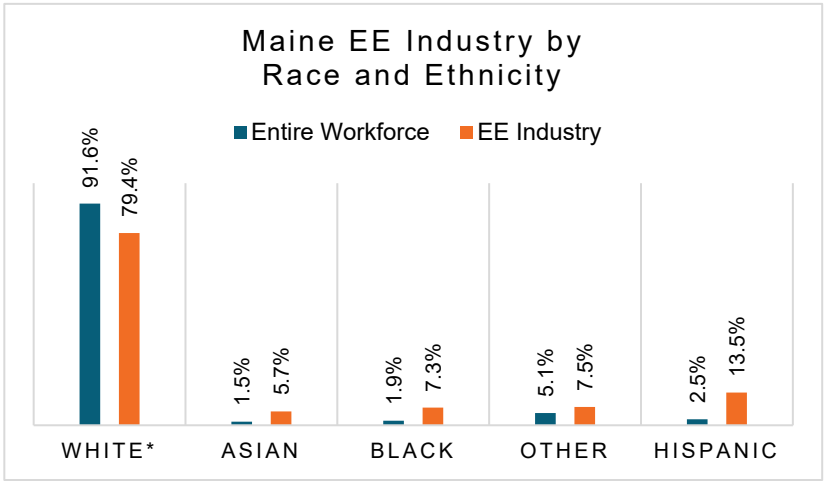

**8%** of Maine EE workers are **veterans**

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 Maine?

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

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



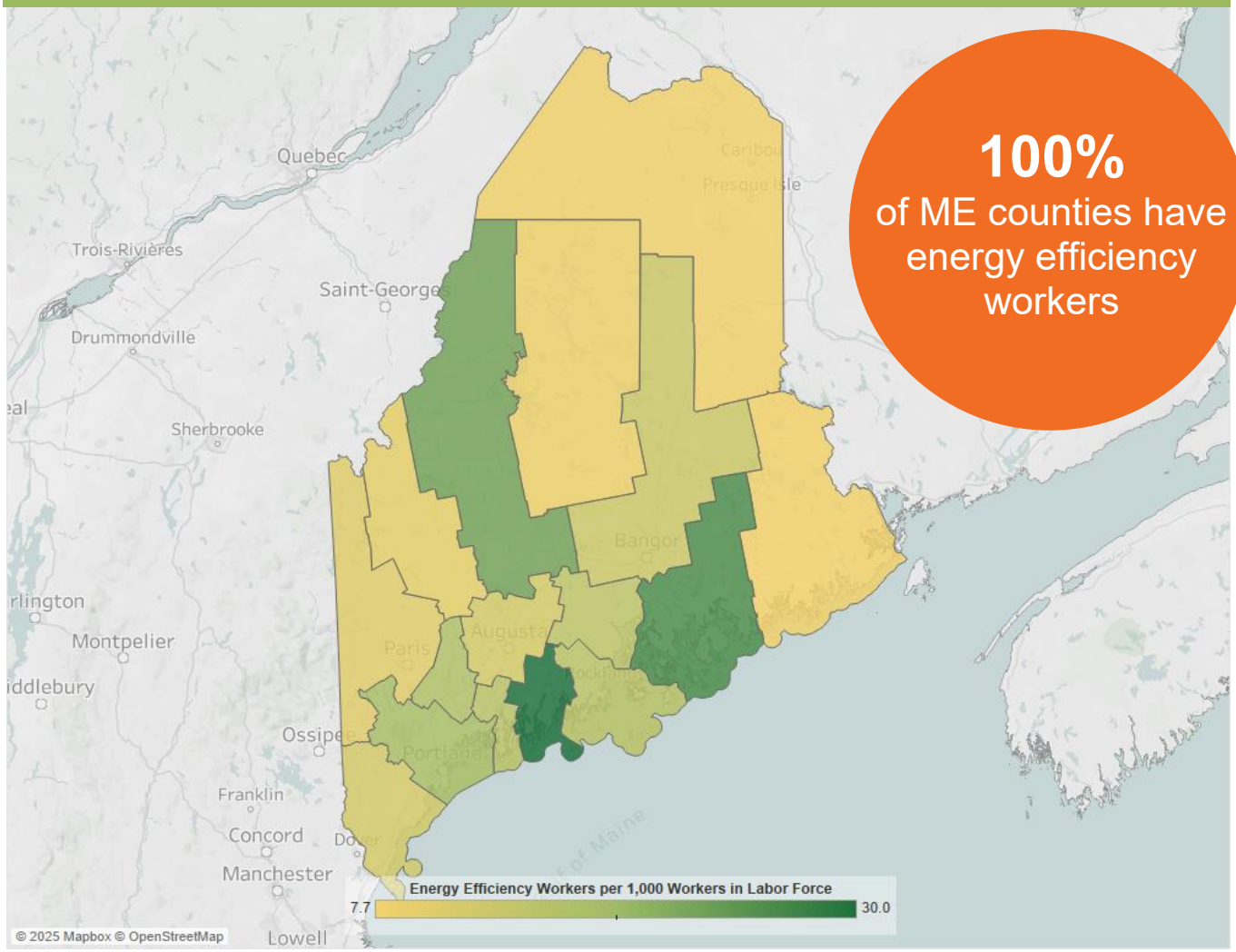

*Includes non-Hispanic and Hispanic whites.

## Gender in the Maine 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 County




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** | **5,620** |
| **2** | **3,872** |

| Metropolitan Areas | |
|---|---|
| **Area** | **Jobs** |
| **Bangor** | **938** |
| **Lewiston-Auburn** | **798** |
| **Portland- South Portland** | **4,522** |
| **Rural** | **3,234** |

## State Senate

| District | Jobs | District | Jobs | District | Jobs | District | Jobs |
|---|---|---|---|---|---|---|---|
| 1 | 120 | 11 | 166 | 21 | 271 | 31 | 166 |
| 2 | 152 | 12 | 246 | 22 | 285 | 32 | 198 |
| 3 | 271 | 13 | 413 | 23 | 421 | 33 | 160 |
| 4 | 165 | 14 | 218 | 24 | 286 | 34 | 158 |
| 5 | 189 | 15 | 242 | 25 | 473 | 35 | 174 |
| 6 | 169 | 16 | 263 | 26 | 532 | | |
| 7 | 423 | 17 | 277 | 27 | 350 | | |
| 8 | 234 | 18 | 211 | 28 | 418 | | |
| 9 | 280 | 19 | 123 | 29 | 407 | | |
| 10 | 268 | 20 | 313 | 30 | 452 | | |

## State House of Representatives

| District | Jobs | District | Jobs | District | Jobs | District | Jobs |
|---|---|---|---|---|---|---|---|
| 1 | 23 | 40 | 30 | 79 | 25 | 118 | 171 |
| 2 | 25 | 41 | 47 | 80 | 27 | 119 | 10 |
| 3 | 20 | 42 | 47 | 81 | 20 | 120 | 252 |
| 4 | 29 | 43 | 44 | 82 | 25 | 121 | 25 |
| 5 | 24 | 44 | 55 | 83 | 77 | 122 | 16 |
| 6 | 20 | 45 | 73 | 84 | 69 | 123 | 90 |
| 7 | 30 | 46 | 86 | 85 | 97 | 124 | <10 |
| 8 | 26 | 47 | 104 | 86 | 81 | 125 | 207 |
| 9 | 23 | 48 | 77 | 87 | 55 | 126 | <10 |
| 10 | 16 | 49 | 38 | 88 | 148 | 127 | <10 |
| 11 | 22 | 50 | 68 | 89 | 64 | 128 | 193 |
| 12 | 74 | 51 | 58 | 90 | 17 | 129 | 76 |
| 13 | 121 | 52 | 59 | 91 | 55 | 130 | 34 |
| 14 | 66 | 53 | 26 | 92 | 68 | 131 | 33 |
| 15 | 76 | 54 | 78 | 93 | 73 | 132 | 91 |
| 16 | 70 | 55 | 25 | 94 | 81 | 133 | 49 |
| 17 | 78 | 56 | 39 | 95 | 228 | 134 | 88 |
| 18 | 18 | 57 | 44 | 96 | 272 | 135 | 43 |
| 19 | 53 | 58 | 38 | 97 | 60 | 136 | 45 |
| 20 | 51 | 59 | 133 | 98 | 40 | 137 | 49 |
| 21 | 15 | 60 | <10 | 99 | 48 | 138 | 20 |
| 22 | 56 | 61 | 23 | 100 | 205 | 139 | 31 |
| 23 | 235 | 62 | 41 | 101 | 328 | 140 | 29 |
| 24 | 125 | 63 | 10 | 102 | 82 | 141 | 34 |
| 25 | 59 | 64 | 134 | 103 | 85 | 142 | <10 |
| 26 | 56 | 65 | 41 | 104 | 54 | 143 | 64 |
| 27 | 45 | 66 | 43 | 105 | 113 | 144 | 34 |
| 28 | 52 | 67 | 40 | 106 | 47 | 145 | 42 |
| 29 | 44 | 68 | 48 | 107 | 174 | 146 | 15 |
| 30 | 20 | 69 | 53 | 108 | 173 | 147 | 42 |
| 31 | 20 | 70 | 61 | 109 | <10 | 148 | 29 |
| 32 | 45 | 71 | 53 | 110 | 86 | 149 | 46 |
| 33 | 48 | 72 | 52 | 111 | 117 | 150 | 25 |
| 34 | 23 | 73 | 29 | 112 | 89 | 151 | 37 |
| 37 | 35 | 76 | 46 | 115 | 23 | | |
| 38 | 23 | 77 | 20 | 116 | 14 | | |
| 39 | 39 | 78 | 26 | 117 | 170 | | |

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.