Maine

Energy Efficiency Jobs in America

9,003
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.

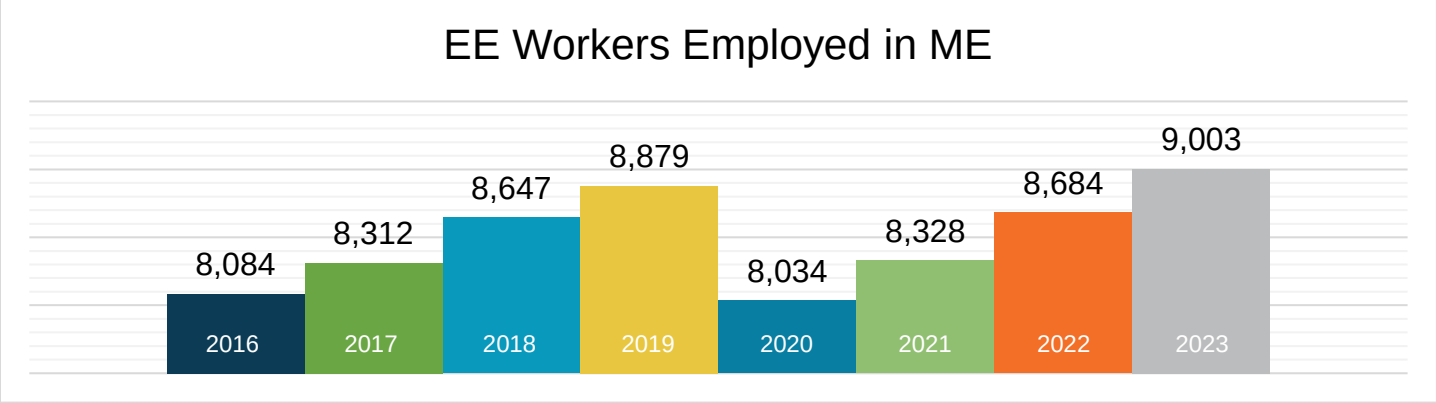
How does EE compare in Maine?

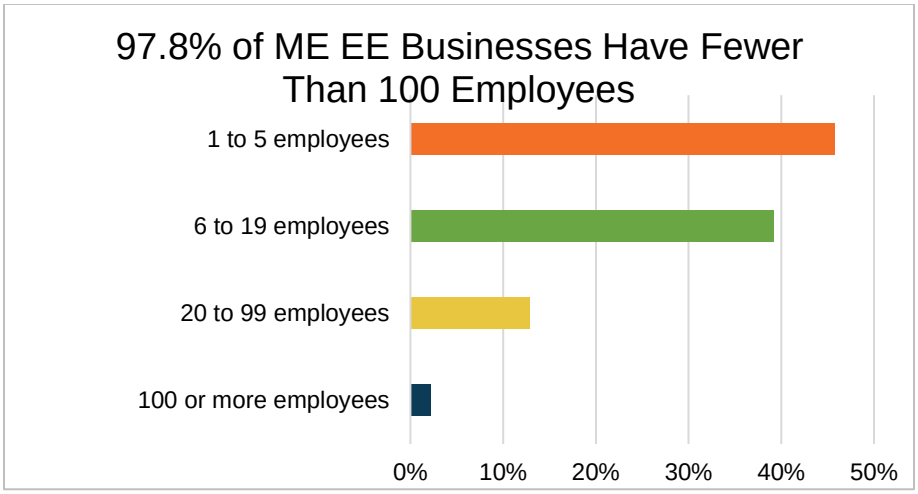
Energy efficiency is the largest energy sector in Maine.

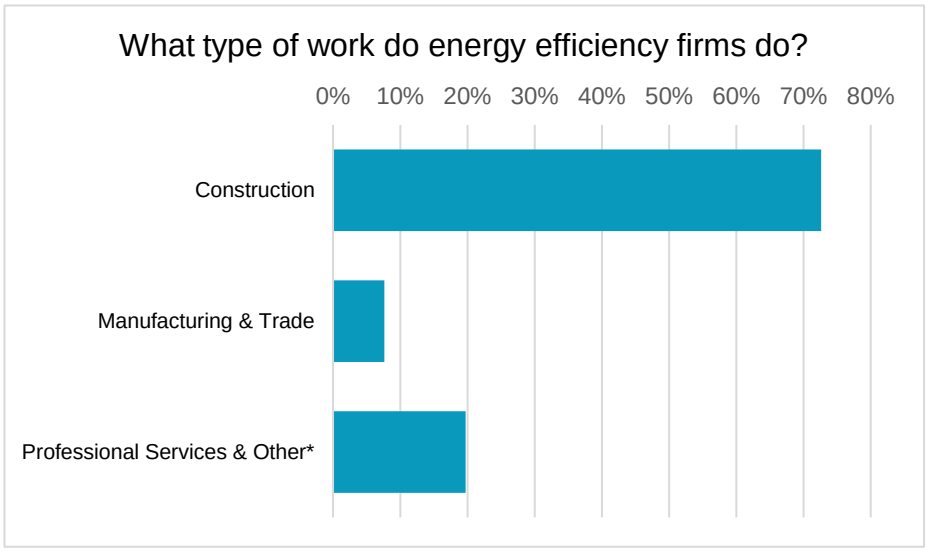
TDS = Transmission, Distribution & Storage
EPG = Electric Power Generation
Nuclear (EPG & Fuels) = 10
*Includes other energy subsectors such as corn ethanol, woody biomass, large hydropower, and others.

Presented by:

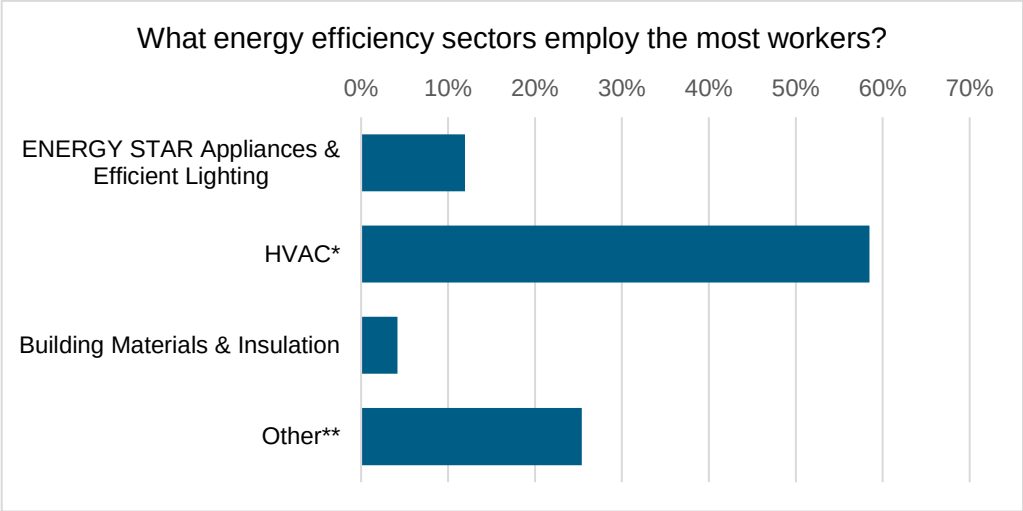
What does EE look like in Maine?







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



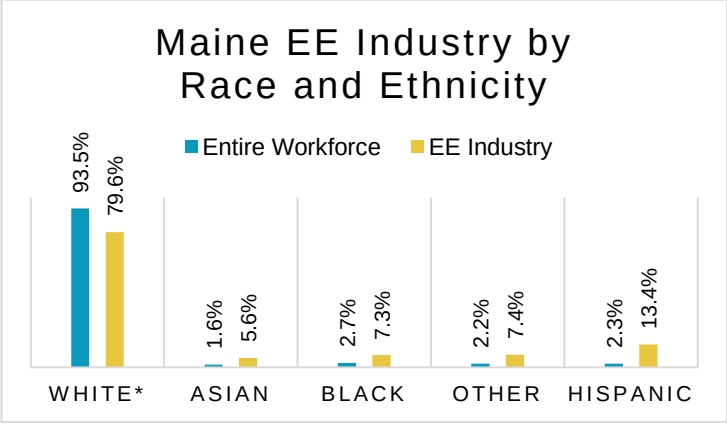
8% of Maine EE workers are **Veterans**

*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 Maine?

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 Maine 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 Maine businesses.

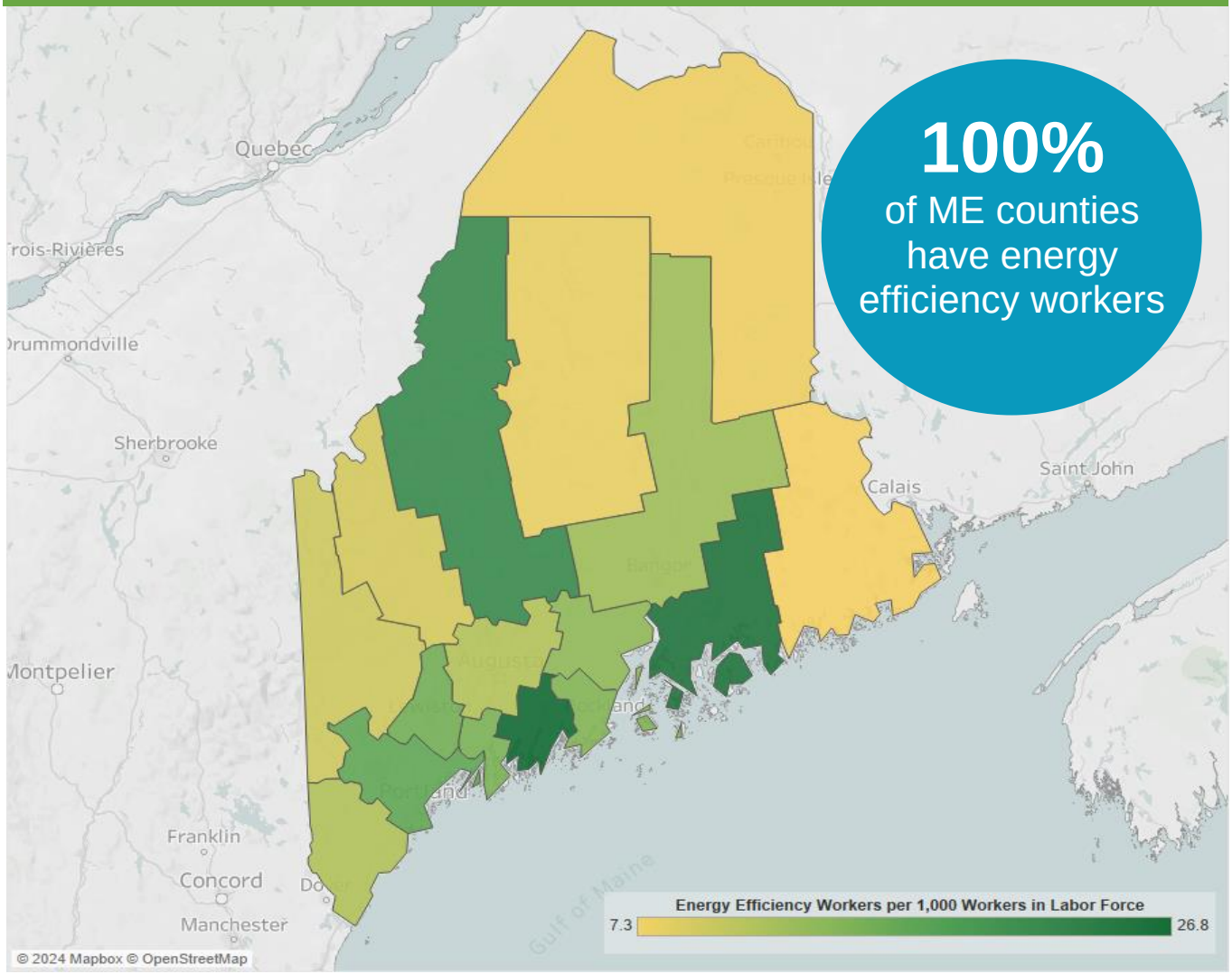


*Includes non-Hispanic and Hispanic whites.

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



Congressional	
District	**Jobs**
1	**5,195**
2	**3,808**

Metropolitan Areas	
Area	**Jobs**
Bangor	**900**
Lewiston-Auburn	**758**
Portland- South Portland	**4,332**
Rural	**3,013**

State Senate

District	Jobs	District	Jobs	District	Jobs	District	Jobs
1	148	11	561	21	196	31	194
2	227	12	318	22	184	32	405
3	228	13	306	23	243	33	230
4	151	14	489	24	379	34	140
5	443	15	27	25	509	35	284
6	194	16	183	26	64		
7	438	17	177	27	748		
8	175	18	224	28	<10		
9	51	19	209	29	373		
10	136	20	212	30	150		

State House of Representatives

District	Jobs	District	Jobs	District	Jobs	District	Jobs
1	126	40	<10	79	38	118	32
2	25	41	<10	80	25	119	75
3	127	42	<10	81	115	120	<10
4	165	43	79	82	<10	121	30
5	62	44	<10	83	24	122	19
6	<10	45	139	84	19	123	21
7	<10	46	29	85	<10	124	<10
8	90	47	61	86	<10	125	<10
9	242	48	103	87	35	126	<10
10	60	49	132	88	13	127	<10
11	<10	50	<10	89	76	128	78
12	<10	51	90	90	122	129	45
13	28	52	<10	91	73	130	40
14	118	53	68	92	46	131	169
15	<10	54	64	93	86	132	<10
16	62	55	90	94	97	133	58
17	28	56	33	95	50	134	105
18	27	57	68	96	323	135	77
19	<10	58	191	97	88	136	72
20	64	59	<10	98	67	137	71
21	18	60	<10	99	22	138	32
22	66	61	<10	100	59	139	34
23	45	62	132	101	390	140	45
24	148	63	<10	102	58	141	45
25	<10	64	15	103	<10	142	<10
26	102	65	49	104	40	143	<10
27	293	66	22	105	27	144	76
28	136	67	<10	106	55	145	21
29	<10	68	50	107	65	146	56
30	36	69	83	108	60	147	62
31	<10	70	61	109	<10	148	32
32	<10	71	35	110	<10	149	<10
33	<10	72	38	111	<10	150	63
34	<10	73	50	112	106	151	<10
35	<10	74	39	113	42	152	<10
36	494	75	48	114	<10	153	<10
37	<10	76	69	115	27		
38	325	77	254	116	16		
39	<10	78	115	117	58		

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.

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