New York

Energy Efficiency Jobs in America

134,814
Total Jobs

What are EE jobs?

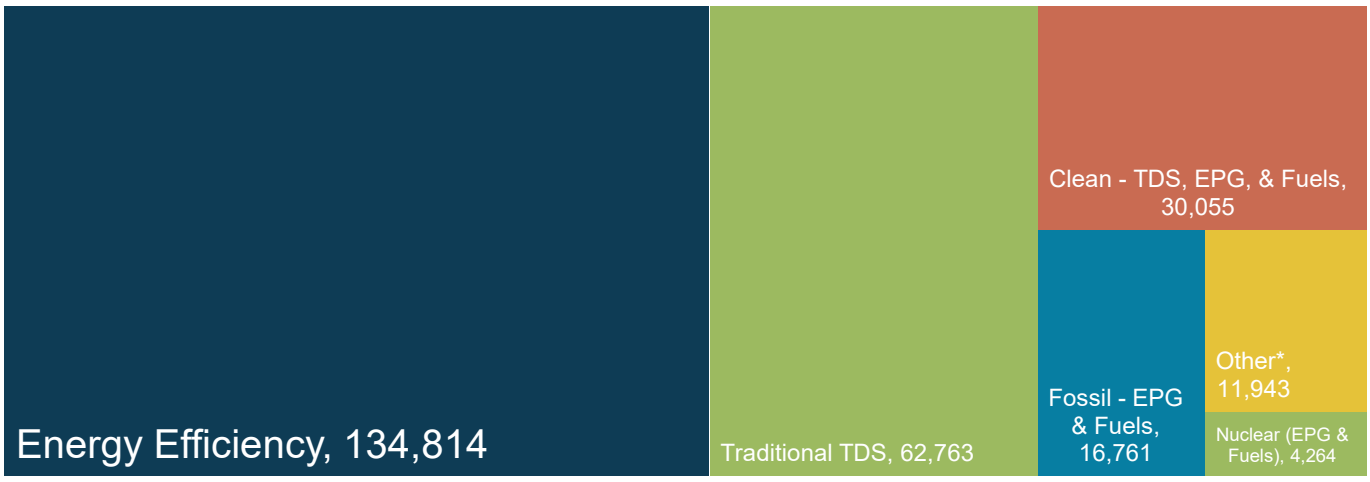
Jobs that reduce energy use by improving efficiency in appliances, buildings, data systems, financing, new technologies, and more.

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 New York?

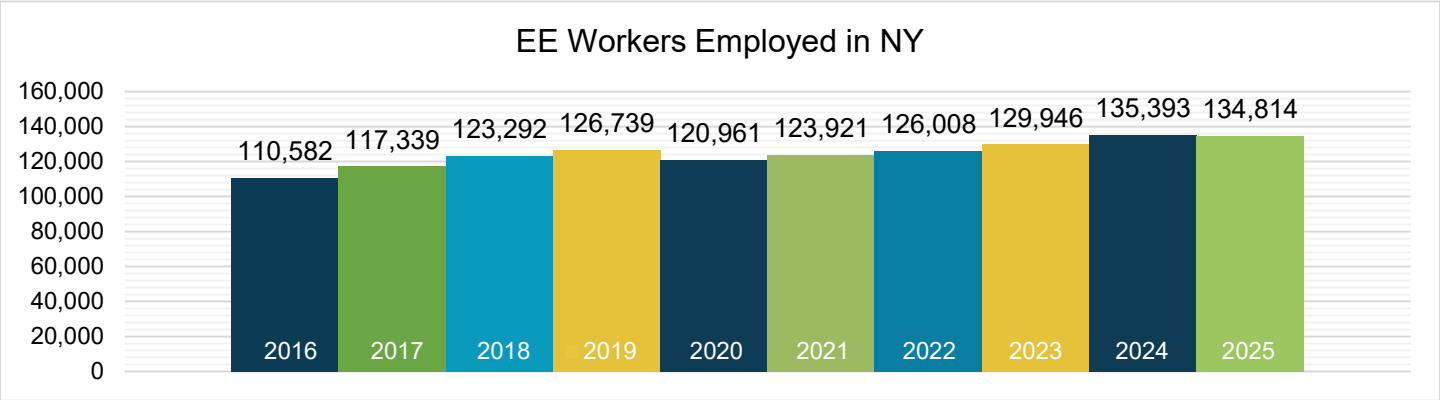
Energy efficiency is the largest energy sector in New York.

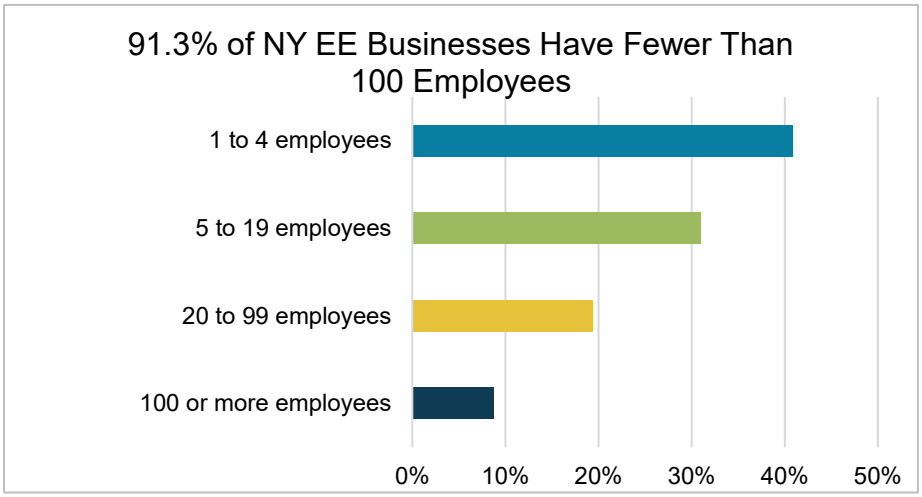


TDS = Transmission, Distribution, & Storage
EPG = Electric Power Generation
*Includes other energy subsectors such as corn ethanol, woody biomass, large hydropower, and others.

Presented by:

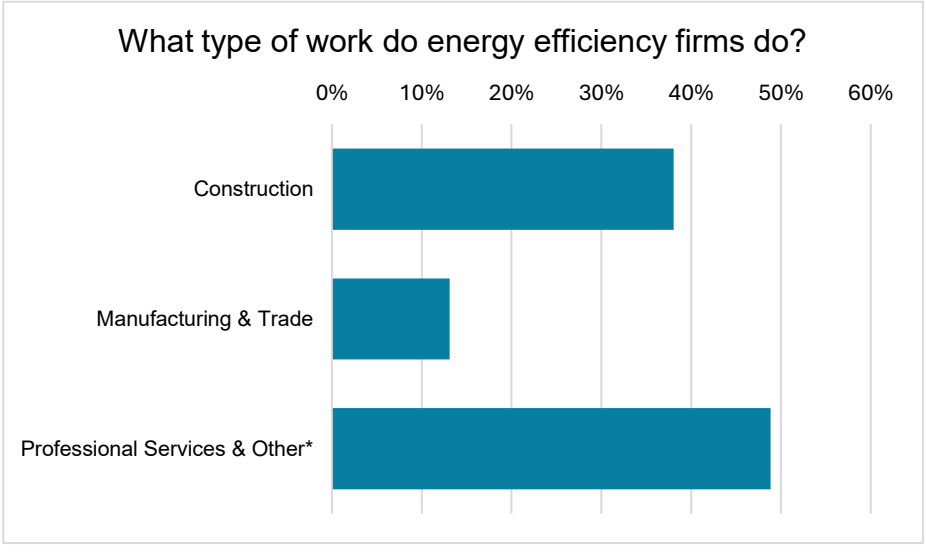
What does EE look like in New York?



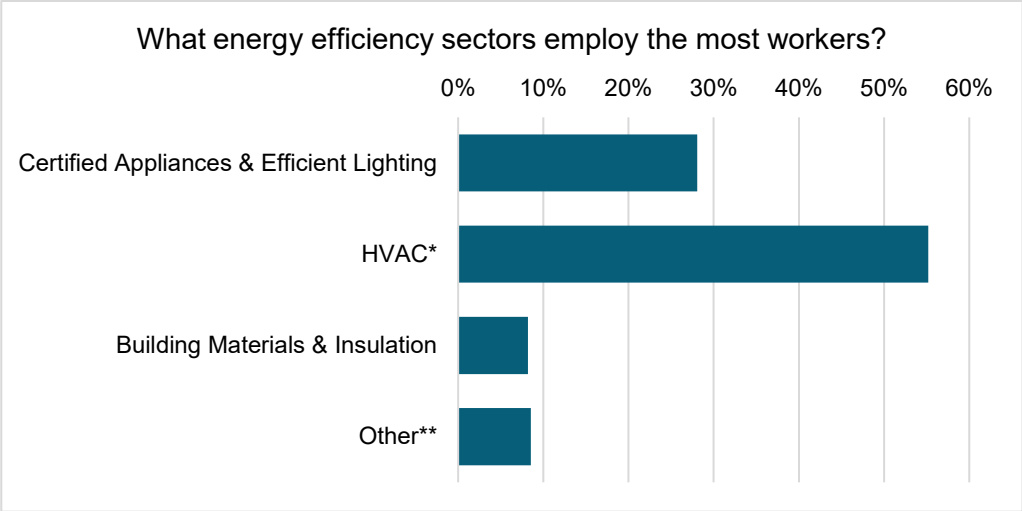


21,674
EE businesses in New York

EE construction workers comprise **12%** of New York'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.



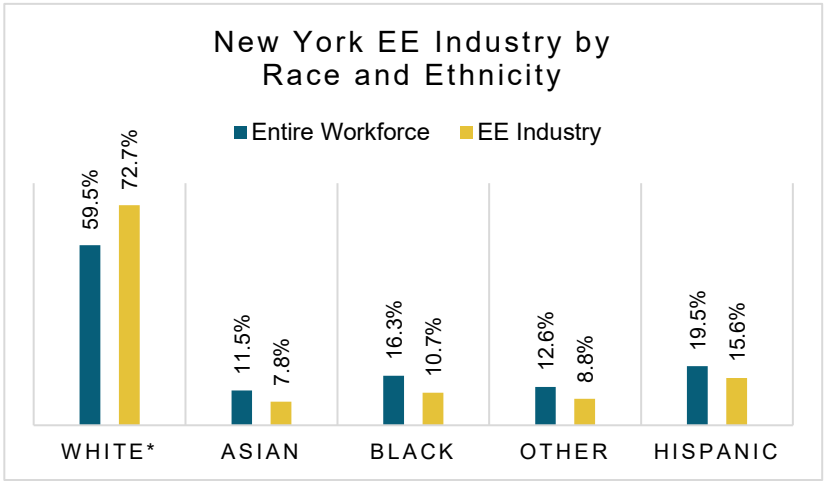
8% of New York EE workers are **veterans**

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 New York?

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

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



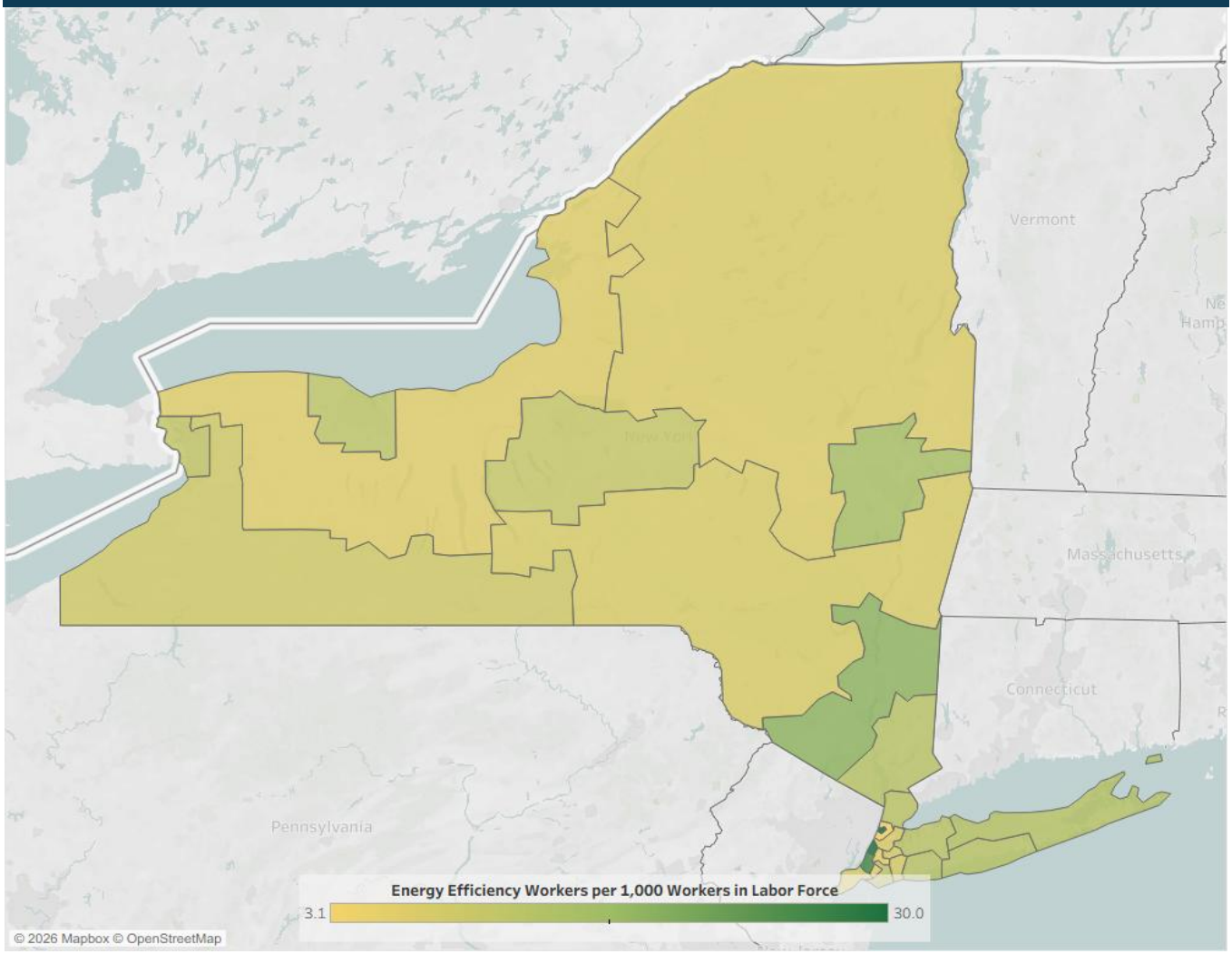
*Includes non-Hispanic and Hispanic whites.



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



The energy efficiency job concentration displayed above is capped at thirty jobs per thousand in order to maintain observable differences between the majority of congressional districts within the state. This is done to eliminate the influence outliers have on overall color gradient.

Congressional				Metropolitan Areas	
District	Jobs	District	Jobs	Area	Jobs
1	5,449	14	2,460	Albany-Schenectady-Troy	6,793
2	5,473	15	1,061	Binghamton	1,008
3	4,789	16	4,944	Buffalo-Cheektowaga-Niagara Falls	6,235
4	5,295	17	4,971	Elmira	423
5	3,153	18	7,171	Glens Falls	500
6	3,050	19	2,915	Ithaca	511
7	2,303	20	6,332	Kingston	696
8	4,024	21	2,598	New York-Newark-Jersey City	101,450
9	2,317	22	4,019	Rochester	5,736
10	10,684	23	3,421	Syracuse	3,409
11	2,655	24	2,593	Utica-Rome	893
12	20,207	25	4,706	Rural	7,159
13	13,763	26	4,459		

State Senate

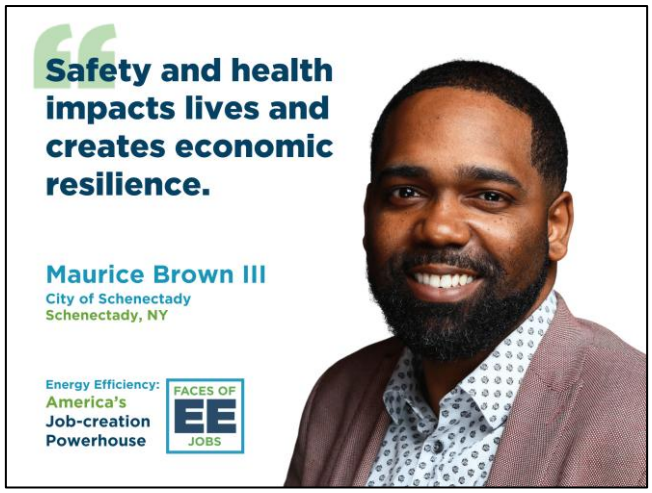
District	Jobs	District	Jobs	District	Jobs	District	Jobs
1	2,121	18	927	35	2,172	52	1,496
2	2,215	19	1,518	36	805	53	981
3	2,566	20	713	37	2,152	54	1,523
4	2,335	21	1,538	38	1,429	55	2,092
5	2,095	22	1,027	39	4,889	56	1,706
6	2,450	23	1,277	40	2,097	57	1,143
7	2,276	24	1,079	41	2,498	58	1,296
8	2,183	25	1,241	42	1,175	59	3,143
9	2,093	26	1,491	43	1,982	60	1,714
10	1,292	27	9,001	44	2,353	61	2,017
11	1,332	28	5,629	45	1,169	62	1,303
12	1,347	29	3,929	46	2,717	63	1,774
13	1,464	30	9,262	47	8,100		
14	1,457	31	4,939	48	1,918		
15	1,098	32	412	49	857		
16	1,147	33	305	50	1,632		
17	981	34	990	51	951		

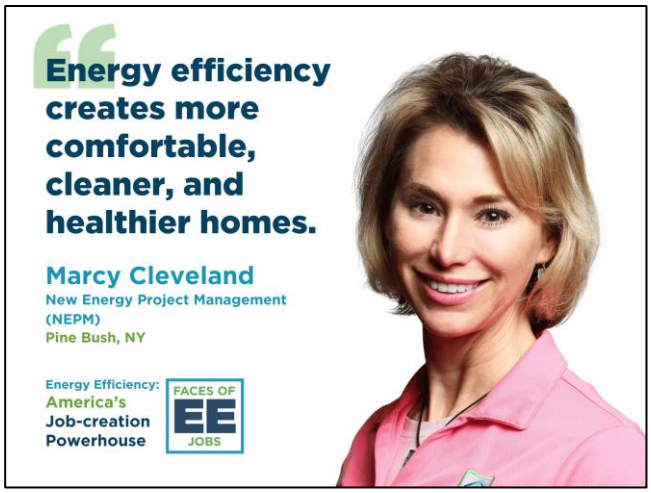
State Assembly

District	Jobs	District	Jobs	District	Jobs	District	Jobs
1	831	39	427	77	112	115	477
2	1,004	40	609	78	231	116	432
3	1,145	41	309	79	210	117	364
4	737	42	607	80	150	118	325
5	1,130	43	465	81	151	119	465
6	1,170	44	539	82	214	120	335
7	672	45	634	83	206	121	426
8	933	46	440	84	139	122	359
9	838	47	356	85	270	123	705
10	1,077	48	718	86	231	124	487
11	782	49	486	87	213	125	609
12	611	50	562	88	879	126	768
13	754	51	501	89	804	127	796
14	853	52	551	90	1,203	128	740
15	1,098	53	520	91	1,122	129	955
16	1,156	54	376	92	833	130	573
17	1,109	55	616	93	1,001	131	583
18	737	56	555	94	757	132	620
19	640	57	408	95	897	133	560
20	993	58	302	96	607	134	791
21	972	59	711	97	692	135	750
22	1,093	60	433	98	390	136	888
23	645	61	1,103	99	567	137	769
24	443	62	516	100	450	138	871
25	407	63	451	101	470	139	482
26	527	64	382	102	511	140	680
27	459	65	2,989	103	868	141	833
28	719	66	3,859	104	1,621	142	762
29	701	67	3,545	105	2,516	143	886
30	370	68	4,513	106	1,995	144	457
31	286	69	2,414	107	667	145	494
32	750	70	3,771	108	1,046	146	831
33	494	71	3,562	109	1,340	147	628
34	553	72	3,220	110	1,100	148	362
35	638	73	1,373	111	785	149	842
36	668	74	3,999	112	1,059	150	593
37	299	75	4,560	113	844		
38	693	76	4,252	114	547		

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.