

# New York

## Energy Efficiency Jobs in America

135,393  
Total Jobs

### What are EE jobs?

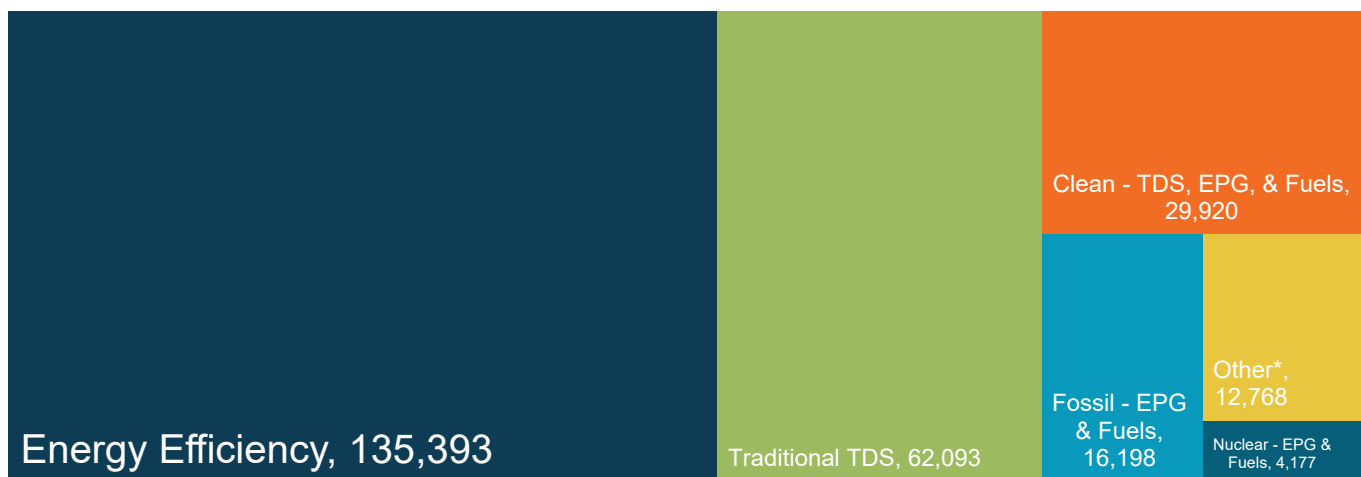
*Jobs that reduce energy use by improving efficiency in appliances, buildings, data systems, financing, new technologies, and more.*

### 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

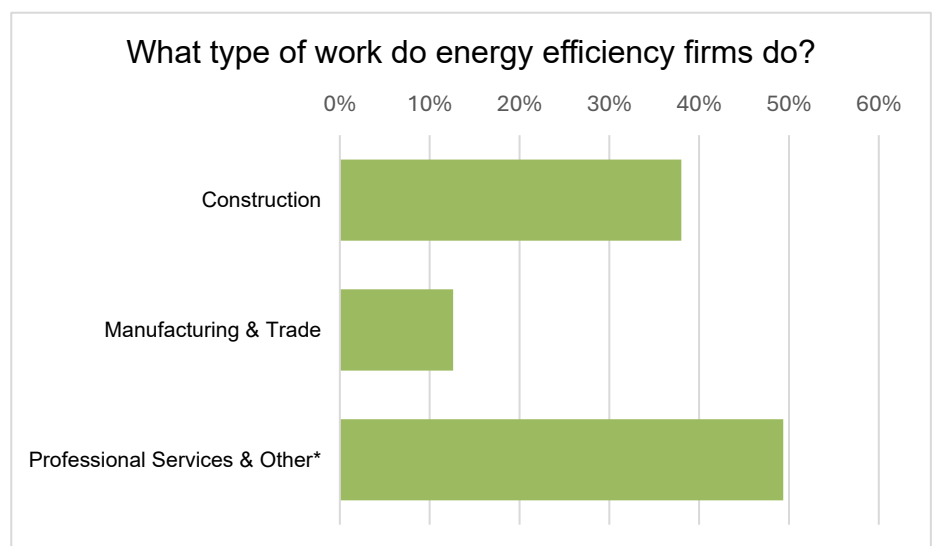
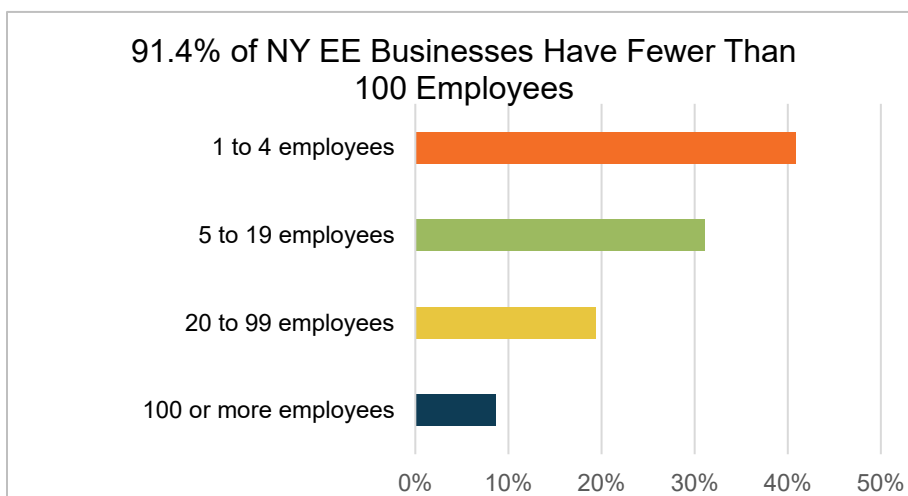
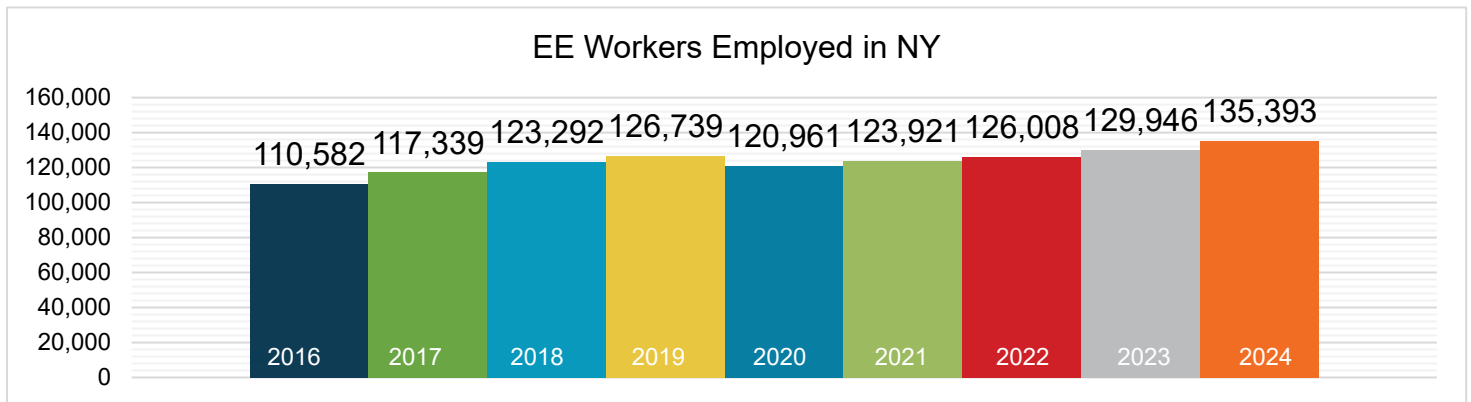
EPG = Electric Power Generation

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

Presented by:

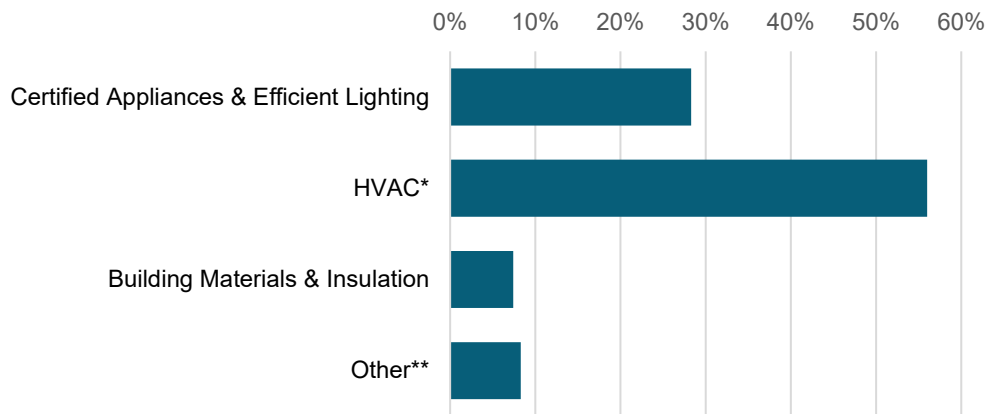


## What does EE look like in New York?



\*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

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

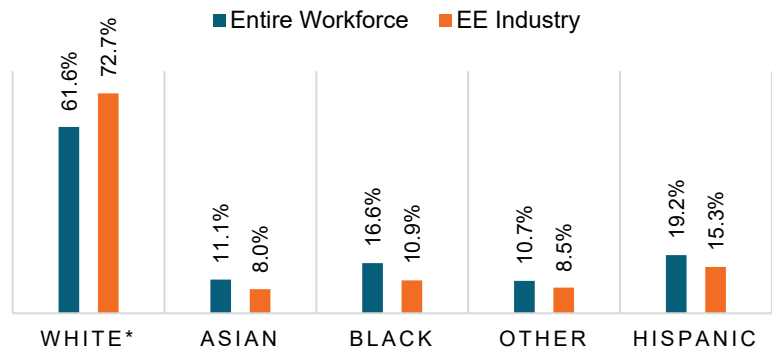


## How representative is the EE workforce in New York?

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.

### New York EE Industry by Race and Ethnicity



\*Includes non-Hispanic and Hispanic whites.

### Gender in the New York EE Workforce

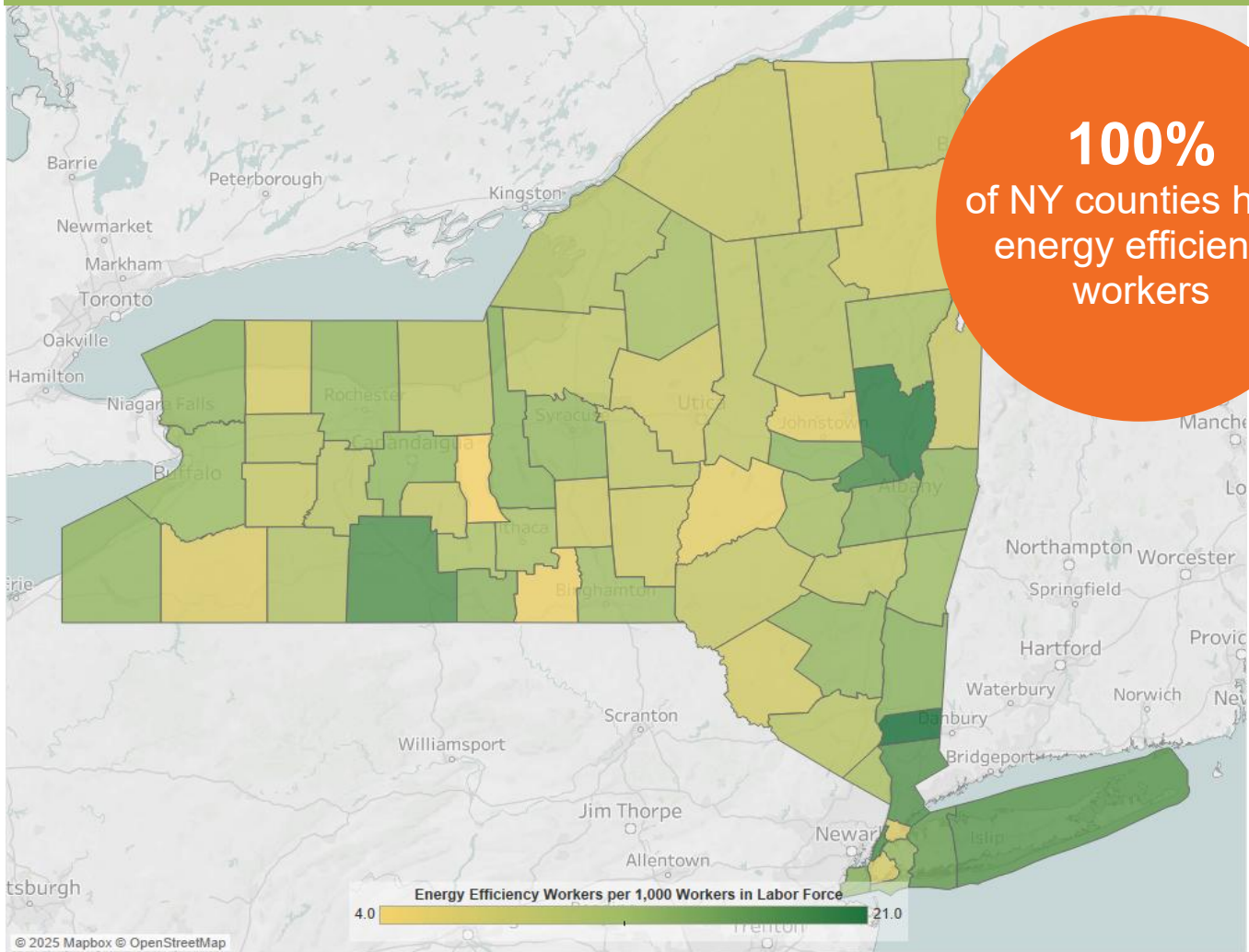


Note: The U.S. Bureau of Labor Statistics (BLS) only includes two genders in their survey. Nonbinary gender data is missing from this document due to this limitation.



# Energy efficiency jobs are everywhere

## EE Jobs by County



Congressional				Metropolitan Areas	
District	Jobs	District	Jobs	Area	Jobs
1	5,883	14	2,660	Albany-Schenectady-Troy	6,932
2	5,905	15	1,137	Binghamton	1,078
3	5,149	16	5,310	Buffalo-Cheektowaga-Niagara Falls	6,748
4	5,681	17	4,667	Elmira	456
5	3,422	18	3,498	Glens Falls	517
6	3,310	19	3,126	Ithaca	545
7	2,010	20	6,495	Kingston	777
8	2,817	21	2,844	New York-Newark-Jersey City	99,738
9	1,622	22	4,364	Rochester	6,157
10	10,687	23	3,664	Syracuse	3,702
11	2,562	24	2,796	Utica-Rome	959
12	21,348	25	5,057	Rural	7,783
13	14,545	26	4,832		

## State Senate

District	Jobs	District	Jobs	District	Jobs	District	Jobs
1	2,290	18	649	35	2,333	52	1,602
2	2,391	19	1,062	36	864	53	1,074
3	2,771	20	499	37	2,311	54	1,639
4	2,521	21	1,077	38	1,532	55	2,248
5	2,247	22	719	39	1,646	56	1,833
6	2,629	23	1,189	40	2,273	57	1,211
7	2,441	24	1,163	41	1,398	58	1,382
8	2,352	25	868	42	1,252	59	3,281
9	2,245	26	1,044	43	2,111	60	1,858
10	1,402	27	9,510	44	2,368	61	2,187
11	1,445	28	5,947	45	1,251	62	1,407
12	1,461	29	4,156	46	2,835	63	1,923
13	1,589	30	9,785	47	8,557		
14	1,581	31	5,223	48	2,076		
15	1,191	32	442	49	928		
16	1,245	33	326	50	1,766		
17	686	34	1,063	51	1,037		

## State Assembly

District	Jobs	District	Jobs	District	Jobs	District	Jobs
1	897	39	463	77	120	115	514
2	1,084	40	661	78	248	116	467
3	1,236	41	216	79	225	117	393
4	796	42	425	80	161	118	405
5	1,220	43	325	81	162	119	500
6	1,263	44	377	82	230	120	364
7	725	45	444	83	220	121	462
8	1,008	46	308	84	149	122	398
9	904	47	249	85	289	123	755
10	1,162	48	503	86	248	124	526
11	845	49	340	87	229	125	652
12	660	50	394	88	944	126	831
13	809	51	351	89	864	127	864
14	915	52	386	90	1,292	128	800
15	1,178	53	364	91	1,205	129	1,033
16	1,240	54	263	92	895	130	616
17	1,190	55	431	93	1,075	131	627
18	791	56	388	94	837	132	653
19	686	57	285	95	966	133	602
20	1,065	58	211	96	650	134	850
21	1,043	59	498	97	742	135	806
22	1,172	60	303	98	416	136	954
23	700	61	1,176	99	604	137	826
24	480	62	556	100	482	138	936
25	442	63	487	101	510	139	523
26	572	64	412	102	555	140	736
27	498	65	3,158	103	612	141	903
28	781	66	4,076	104	685	142	825
29	761	67	3,745	105	669	143	961
30	401	68	4,768	106	662	144	495
31	310	69	2,551	107	710	145	534
32	814	70	3,984	108	1,122	146	901
33	536	71	3,763	109	1,439	147	681
34	600	72	3,402	110	1,068	148	386
35	692	73	1,450	111	703	149	912
36	725	74	4,225	112	1,082	150	621
37	325	75	4,818	113	909		
38	752	76	4,492	114	581		





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](http://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](http://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](mailto:communications@building-performance.org).

