

Connecticut

Energy Efficiency Jobs in America

34,477

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 & 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 Connecticut?

Energy Efficiency is the largest energy sector in Connecticut.



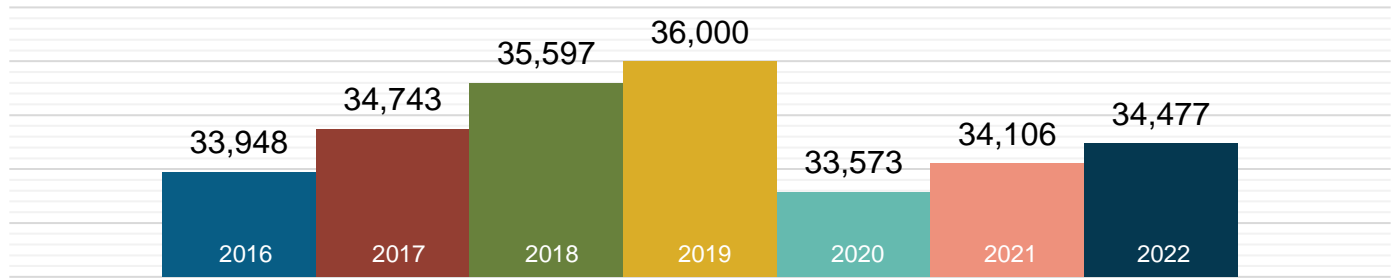
TDS = Transmission, Distribution & Storage

EPG = Electric Power Generation

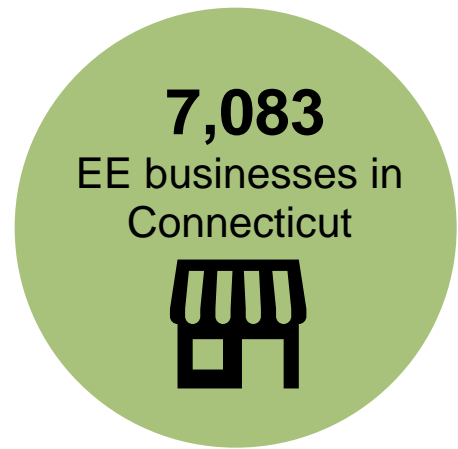
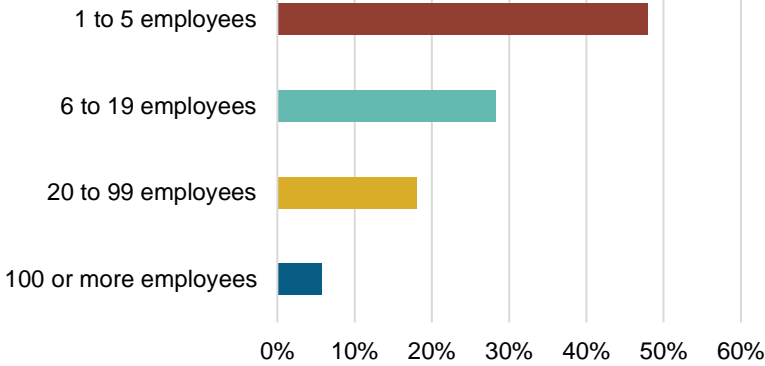
*Includes other energy subsectors such as corn ethanol, woody biomass, large hydropower, and others.

What does EE look like in Connecticut?

EE Workers Employed in CT



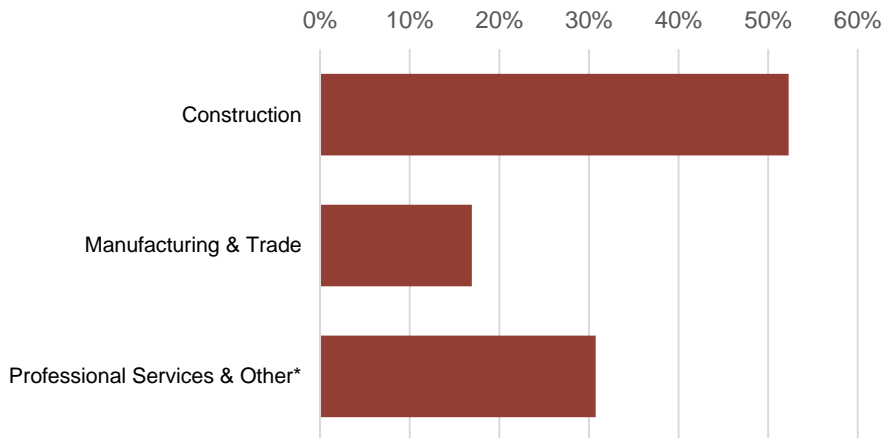
94.2% of CT EE Businesses Have Fewer Than 100 Employees



EE construction workers comprise **30%** of Connecticut's construction workforce

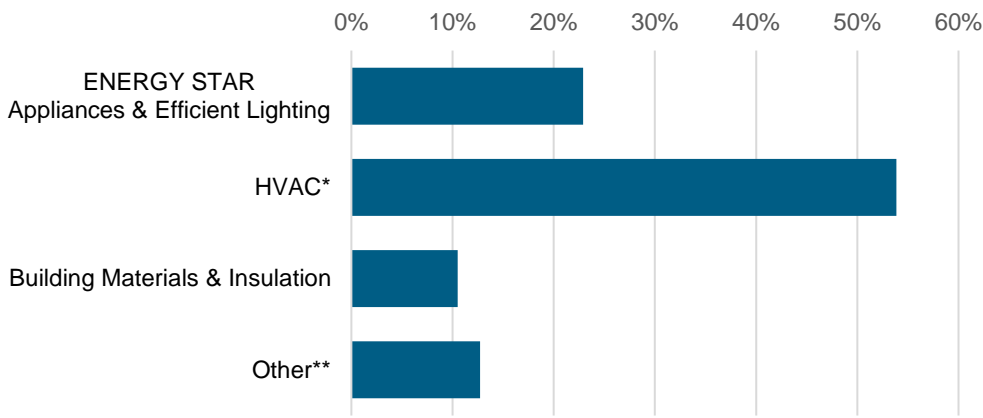


What type of work do energy efficiency firms do?



*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?



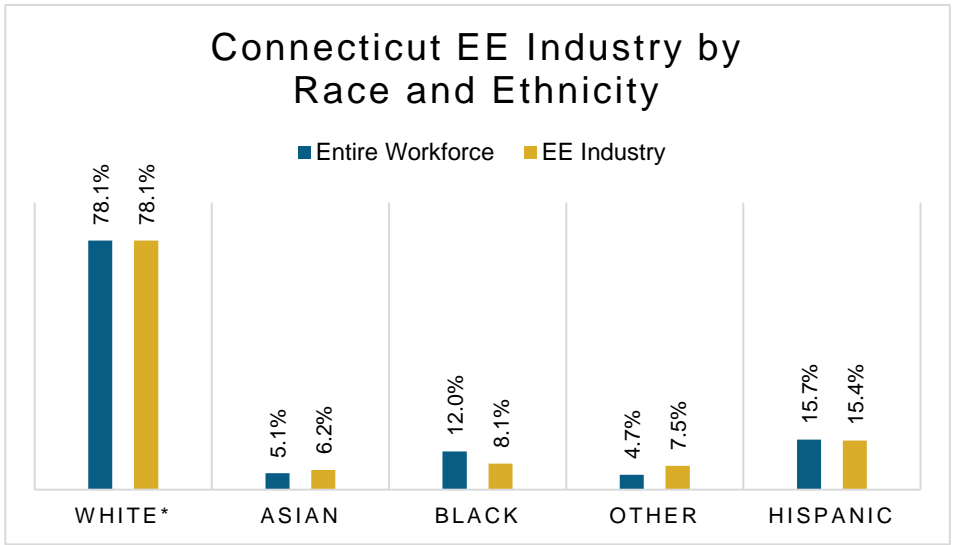
8%
of Connecticut
EE workers are
Veterans

*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 Connecticut?

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 Connecticut 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.



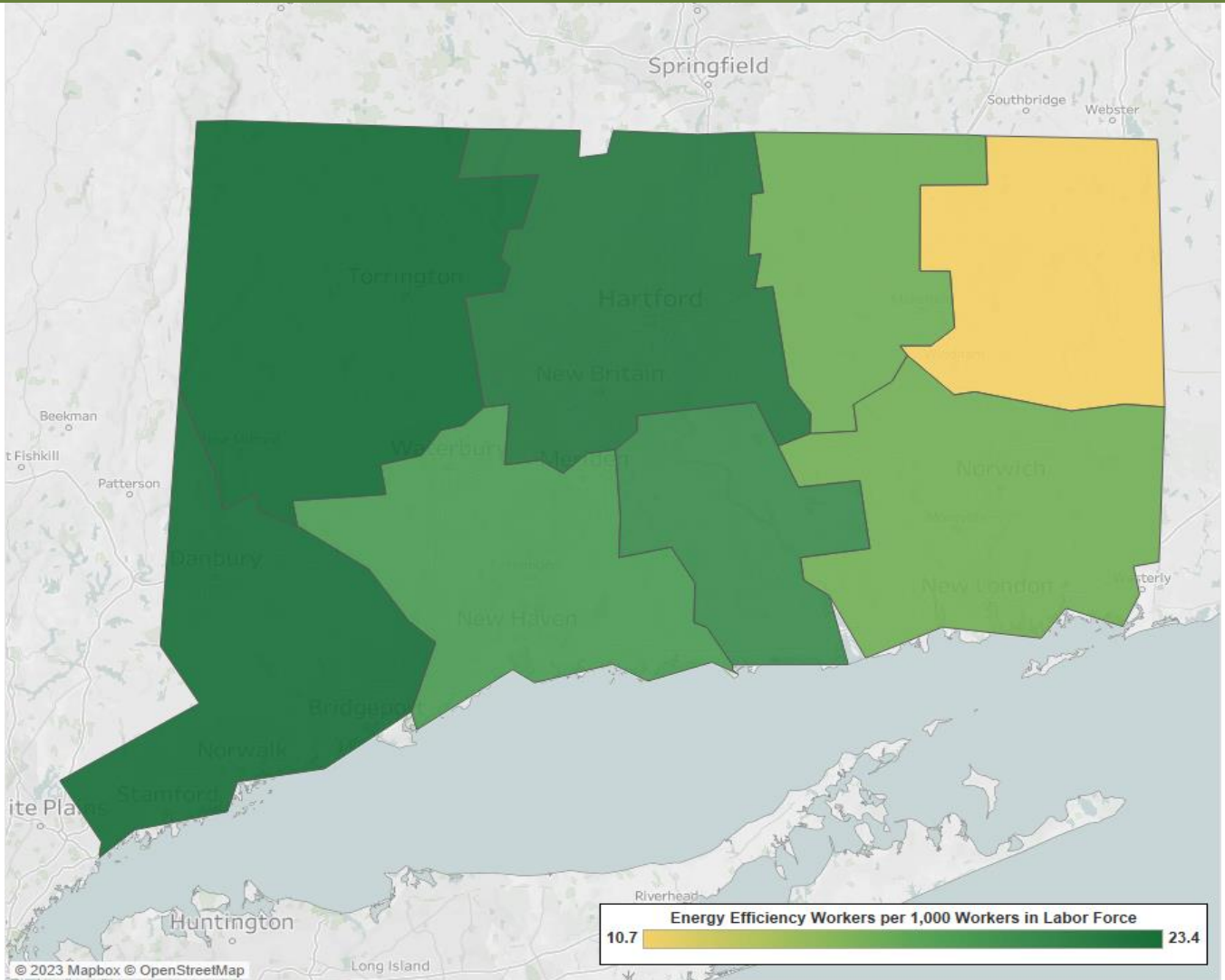
*Includes non-Hispanic and Hispanic whites.



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



100%
of CT counties have
energy efficiency
workers

Congressional		Metropolitan Areas	
District	Jobs	Area	Jobs
1	9,007	Bridgeport-Stamford-Norwalk	9,631
2	4,942	Hartford-West Hartford-East Hartford	13,162
3	6,715	New Haven-Milford	6,954
4	8,748	Norwich-New London	1,888
5	5,066	Rural	2,843

State Senate

District	Jobs	District	Jobs	District	Jobs	District	Jobs
1	1,888	11	1,089	21	1,532	31	711
2	762	12	959	22	619	32	741
3	1,294	13	1,074	23	68	33	868
4	960	14	922	24	1,771	34	<10
5	1,074	15	894	25	2,098	35	341
6	455	16	556	26	1,288	36	1,237
7	722	17	249	27	2,240		
8	1,077	18	799	28	1,116		
9	1,406	19	645	29	440		
10	1,111	20	996	30	476		

State House of Representatives

District	Jobs	District	Jobs	District	Jobs	District	Jobs	District	Jobs
1	199	32	188	63	544	94	<10	125	611
2	1,555	33	588	64	237	95	132	126	158
3	483	34	271	65	<10	96	<10	127	<10
4	988	35	196	66	426	97	99	128	130
5	199	36	395	67	265	98	343	129	<10
6	<10	37	115	68	182	99	<10	130	<10
7	61	38	476	69	257	100	<10	131	156
8	356	39	<10	70	191	101	203	132	751
9	939	40	340	71	121	102	<10	133	<10
10	<10	41	<10	72	279	103	<10	134	715
11	457	42	227	73	146	104	170	135	121
12	<10	43	115	74	<10	105	132	136	<10
13	460	44	167	75	<10	106	90	137	1,041
14	<10	45	38	76	84	107	250	138	<10
15	476	46	274	77	383	108	86	139	24
16	424	47	201	78	78	109	<10	140	<10
17	175	48	107	79	<10	110	<10	141	359
18	417	49	27	80	93	111	498	142	<10
19	347	50	210	81	89	112	208	143	<10
20	<10	51	95	82	262	113	438	144	1,570
21	77	52	107	83	<10	114	267	145	659
22	232	53	16	84	<10	115	195	146	<10
23	426	54	<10	85	956	116	<10	147	<10
24	437	55	156	86	357	117	550	148	<10
25	<10	56	<10	87	<10	118	146	149	1,027
26	<10	57	264	88	385	119	<10	150	199
27	<10	58	244	89	447	120	419	151	<10
28	193	59	<10	90	<10	121	62		
29	500	60	103	91	<10	122	288		
30	503	61	235	92	557	123	<10		
31	33	62	207	93	352	124	390		



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.



E2 is a national, nonpartisan group of business leaders, investors and others who advocate for smart policies that are good for the environment and good for the economy. Visit www.e2.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: 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.

For questions on E4TheFuture analyses please email: policy@e4thefuture.org