

Connecticut

Energy Efficiency Jobs in America

35,250
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 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.

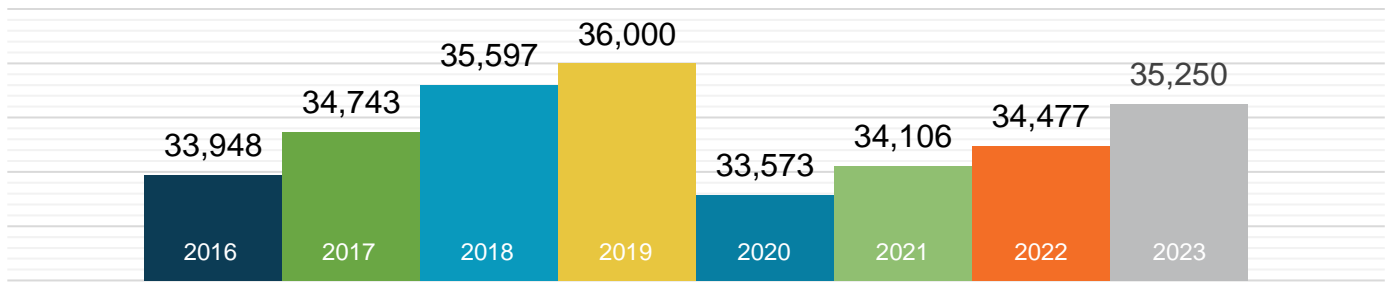
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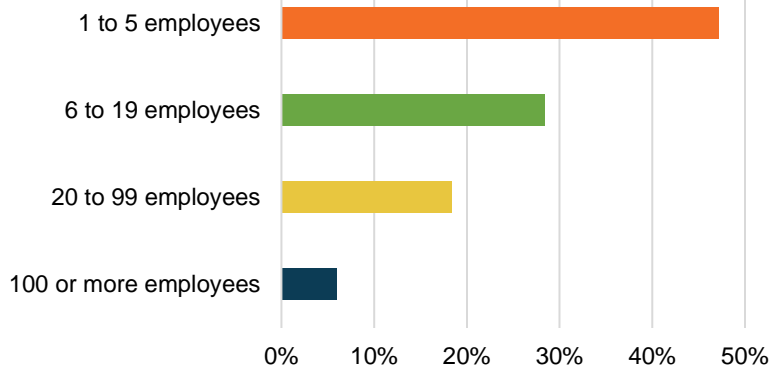
E4 THE FUTURE

What does EE look like in Connecticut?

EE Workers Employed in CT



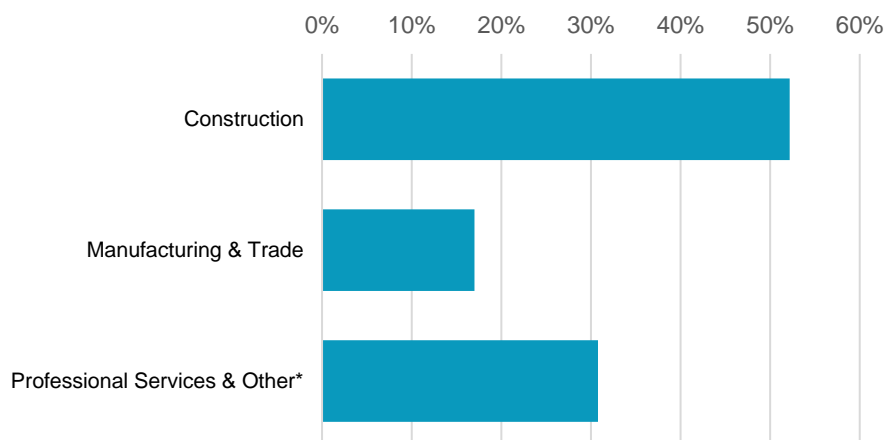
94% of CT EE Businesses Have Fewer Than 100 Employees



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

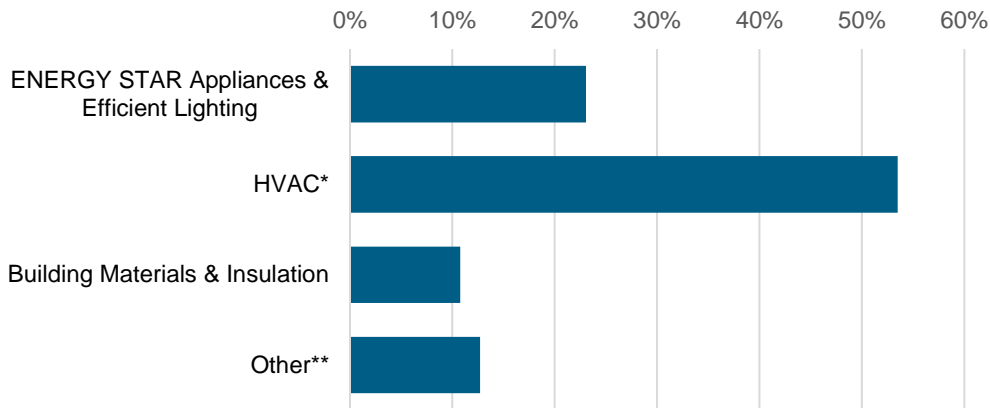


What type of work do energy efficiency firms do?

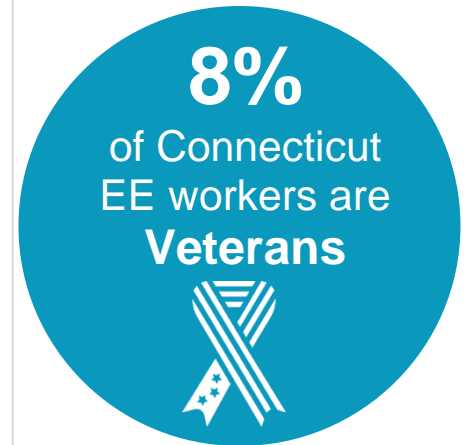


*Professional services include finance/accounting, architecture, engineering, R&D, etc. and other includes maintenance, and business, and nonprofit organizations.

What energy efficiency sectors employ the most workers?



*Heating, ventilation, air conditioning of higher than standard efficiency/renewable heating & cooling
 **Other such as energy audits, building certifications, and software services

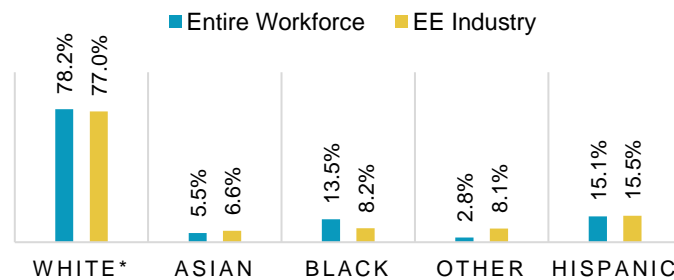


How is EE doing on diversity in Connecticut?

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 Connecticut businesses.

Connecticut EE Industry by Race and Ethnicity



*Includes non-Hispanic and Hispanic whites.

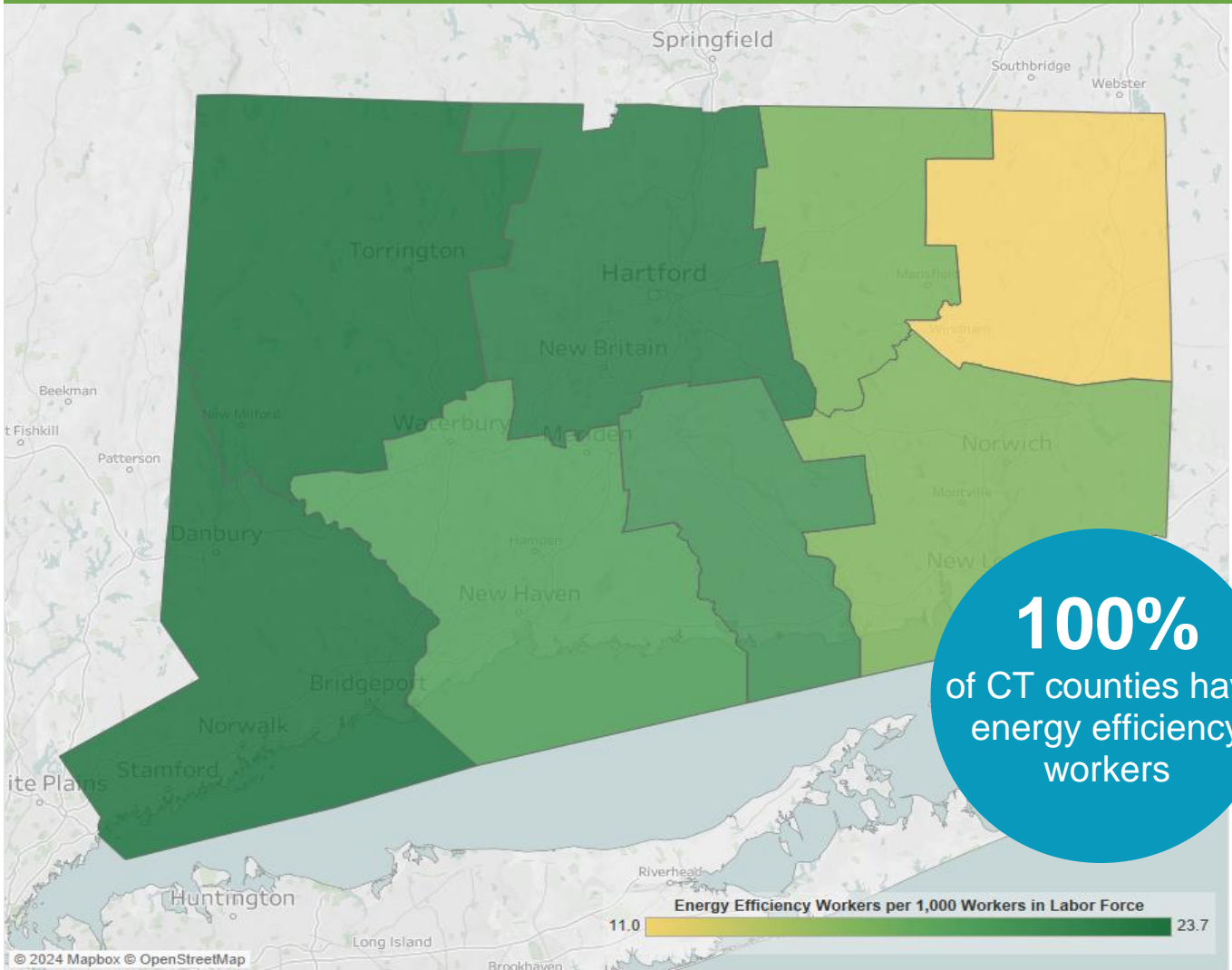
Gender in the Connecticut EE Workforce



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		Metropolitan Areas	
District	Jobs	Area	Jobs
1	9,095	Bridgeport-Stamford-Norwalk	9,841
2	5,920	Hartford-West Hartford-East Hartford	13,470
3	5,263	New Haven-Milford	7,108
4	7,873	Norwich-New London	1,928
5	7,099	Rural	2,903

State Senate

District	Jobs		District	Jobs		District	Jobs		District	Jobs
1	1,926		11	1,140		21	1,555		31	721
2	773		12	1,055		22	631		32	752
3	1,312		13	1,090		23	79		33	950
4	975		14	935		24	1,797		34	<10
5	1,089		15	920		25	2,128		35	346
6	462		16	564		26	1,317		36	1,256
7	733		17	253		27	2,297			
8	1,093		18	811		28	1,136			
9	1,426		19	655		29	448			
10	1,127		20	1,011		30	483			

State House of Representatives

District	Jobs		District	Jobs		District	Jobs		District	Jobs		District	Jobs
1	200		32	259		63	546		94	<10		125	613
2	1,562		33	591		64	238		95	133		126	161
3	496		34	272		65	<10		96	<10		127	<10
4	992		35	196		66	428		97	100		128	170
5	200		36	396		67	266		98	426		129	<10
6	<10		37	115		68	182		99	<10		130	<10
7	61		38	478		69	258		100	<10		131	156
8	358		39	<10		70	192		101	203		132	758
9	953		40	342		71	122		102	<10		133	<10
10	<10		41	<10		72	293		103	<10		134	717
11	458		42	227		73	146		104	171		135	131
12	<10		43	116		74	<10		105	133		136	<10
13	463		44	167		75	<10		106	90		137	1,045
14	<10		45	38		76	84		107	251		138	<10
15	478		46	280		77	384		108	86		139	24
16	426		47	203		78	78		109	<10		140	<10
17	176		48	110		79	<10		110	<10		141	360
18	419		49	27		80	94		111	500		142	<10
19	348		50	211		81	89		112	209		143	<10
20	<10		51	111		82	263		113	439		144	1,601
21	78		52	108		83	<10		114	268		145	661
22	233		53	16		84	<10		115	196		146	<10
23	427		54	<10		85	1,036		116	<10		147	<10
24	438		55	157		86	358		117	552		148	<10
25	<10		56	<10		87	<10		118	146		149	1,031
26	<10		57	265		88	422		119	<10		150	200
27	<10		58	245		89	449		120	420		151	<10
28	194		59	<10		90	<10		121	62			
29	502		60	103		91	<10		122	289			
30	505		61	236		92	559		123	<10			
31	33		62	208		93	353		124	401			





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

