

Illinois

Energy Efficiency Jobs in America

89,878
Total Jobs

What are EE jobs?

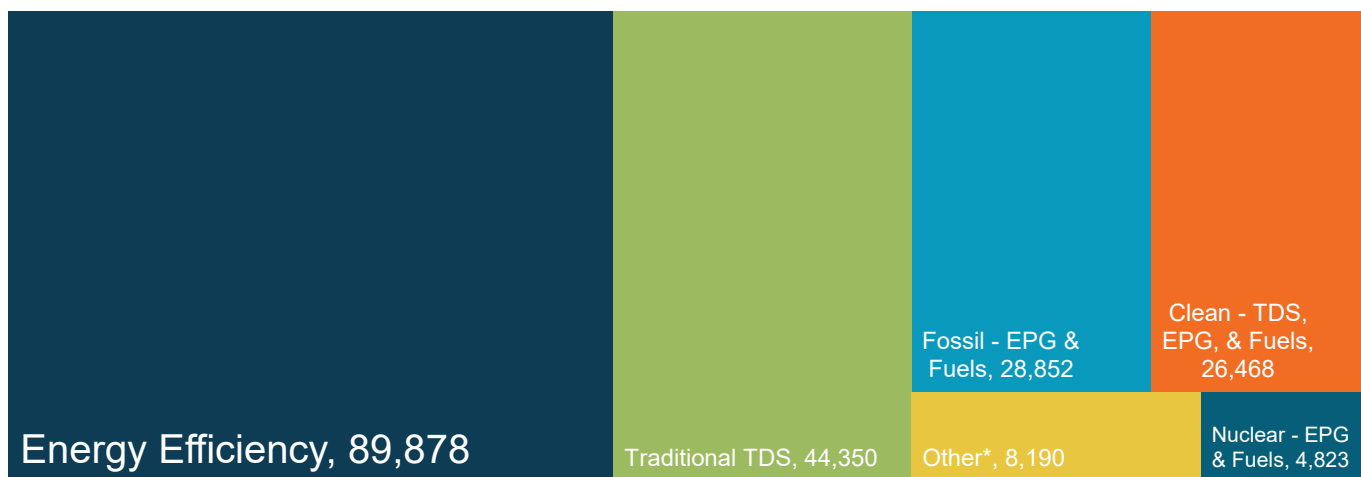
Jobs that reduce energy use by improving efficiency in appliances, buildings, data systems, financing, new technologies, and more.

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 Illinois?

Energy efficiency is the largest energy sector in Illinois.



TDS = Transmission, Distribution, & Storage

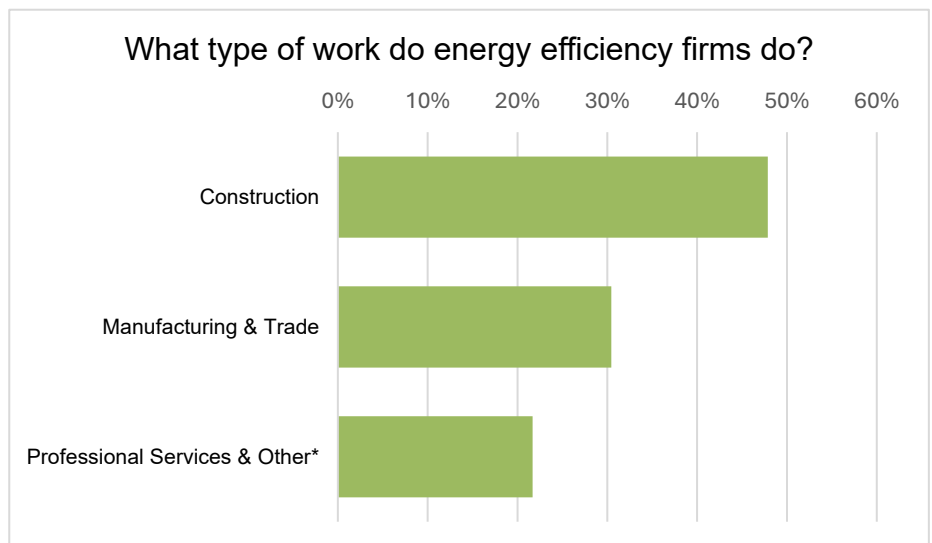
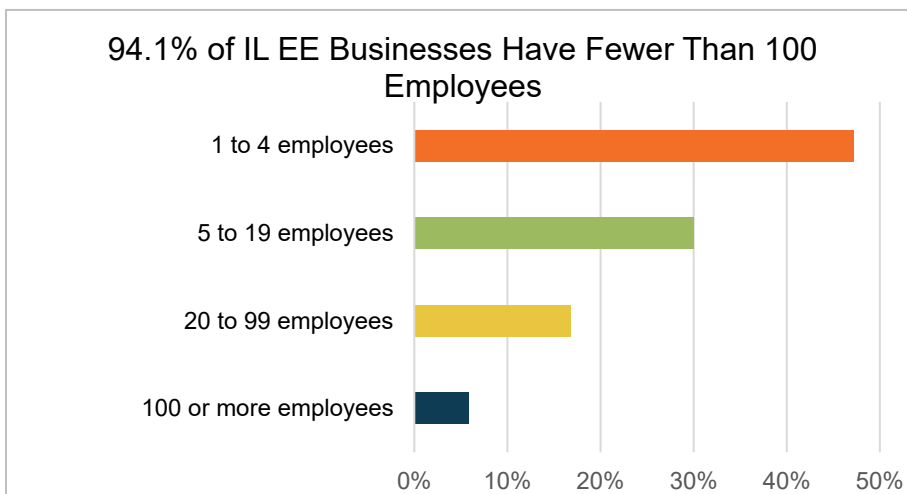
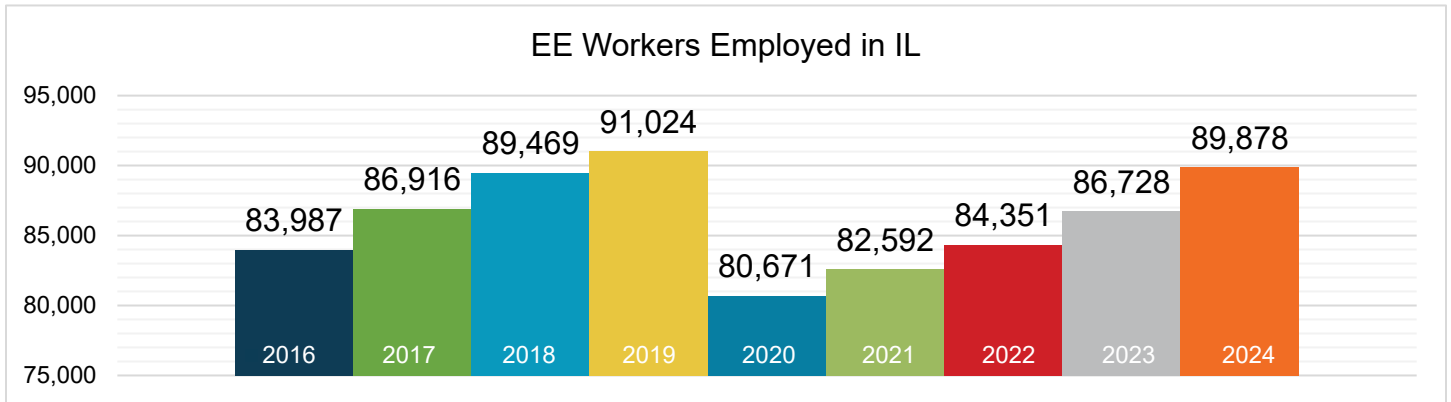
EPG = Electric Power Generation

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

Presented by:

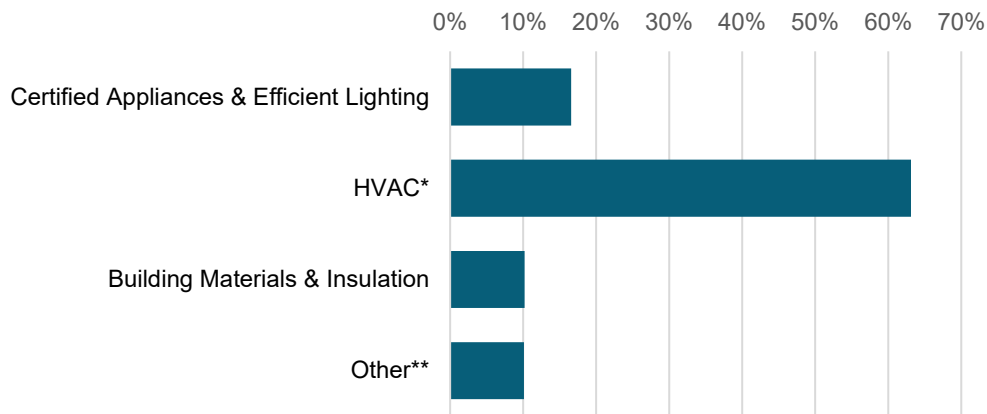


What does EE look like in Illinois?



*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

9%
of Illinois
EE workers are
veterans

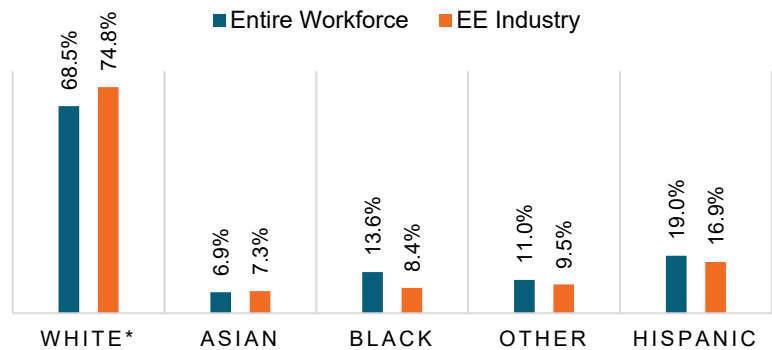


How representative is the EE workforce in Illinois?

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

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

Illinois EE Industry by Race and Ethnicity



*Includes non-Hispanic and Hispanic whites.

Gender in the Illinois 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



The energy efficiency job concentration displayed above is capped at thirty jobs per thousand in order to maintain observable differences between the majority of counties within the state. This is done to eliminate the influence outliers have on overall color gradient. For a full list of energy efficiency jobs by county, please visit the Department of Energy's (DOE) United States Energy and Employment Report (USEER) County-Level data site at <https://www.energy.gov/media/348937>.

Congressional					Metropolitan Areas					
District	Jobs		District	Jobs		Area	Jobs		Area	Jobs
1	5,406		10	5,152		Bloomington	862		Rockford	2,235
2	5,177		11	5,624		Cape Girardeau	<10		Springfield	3,715
3	7,432		12	4,192		Champaign-Urbana	1,130		St. Louis	1,260
4	6,542		13	4,577		Chicago-Naperville-Elgin	65,724		Rural	10,112
5	5,845		14	3,037		Danville	184			
6	8,384		15	3,460		Davenport-Moline-Rock Island	985			
7	5,806		16	4,103		Decatur	691			
8	5,404		17	4,260		Kankakee	398			
9	5,477					Peoria	2,578			

State Senate										
District	Jobs		District	Jobs		District	Jobs		District	Jobs
1	966		16	1,419		31	1,849		46	1,675
2	1,728		17	1,247		32	1,086		47	888
3	1,828		18	1,638		33	1,370		48	1,610
4	1,575		19	1,375		34	1,628		49	1,053
5	1,145		20	2,682		35	1,242		50	939
6	2,019		21	2,958		36	1,033		51	968
7	1,325		22	1,783		37	953		52	1,002
8	2,085		23	2,373		38	894		53	996
9	1,586		24	2,397		39	1,817		54	1,001
10	1,866		25	1,909		40	1,380		55	1,335
11	2,593		26	1,191		41	1,920		56	1,425
12	2,580		27	1,669		42	610		57	1,284
13	2,136		28	1,551		43	1,151		58	1,110
14	2,381		29	1,609		44	1,134		59	1,135
15	1,323	30	1,274	45	1,180					

State House of Representatives										
District	Jobs		District	Jobs		District	Jobs		District	Jobs
1	769		32	587		63	604		94	268
2	966		33	1,002		64	482		95	595
3	1,377		34	1,111		65	986		96	1,015
4	982		35	617		66	550		97	582
5	958		36	1,021		67	575		98	471
6	870		37	611		68	1,053		99	567
7	794		38	764		69	648		100	372
8	780		39	1,291		70	428		101	547
9	365		40	1,390		71	359		102	421
10	780		41	1,591		72	674		103	614
11	1,045		42	1,367		73	496		104	388
12	975		43	786		74	457		105	576
13	549		44	997		75	576		106	420
14	776		45	1,232		76	451		107	585
15	706		46	1,141		77	904		108	417
16	1,379		47	1,303		78	913		109	938
17	508		48	1,094		79	431		110	397
18	1,078		49	669		80	950		111	814
19	450		50	1,055		81	1,034		112	611
20	785		51	760		82	885		113	564
21	920		52	431		83	256		114	720
22	1,673		53	918		84	406		115	451
23	730		54	751		85	682		116	659
24	1,081		55	1,097		86	469		117	313
25	764		56	455		87	710		118	822
26	728		57	884		88	425			
27	826		58	725		89	537			
28	1,031		59	693		90	643			
29	955		60	582		91	672			
30	669		61	995		92	1,003			
31	831	62	854	93	620					



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.



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 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.

