

Illinois

Energy Efficiency Jobs in America



89,878
Total Jobs

What are EE jobs?

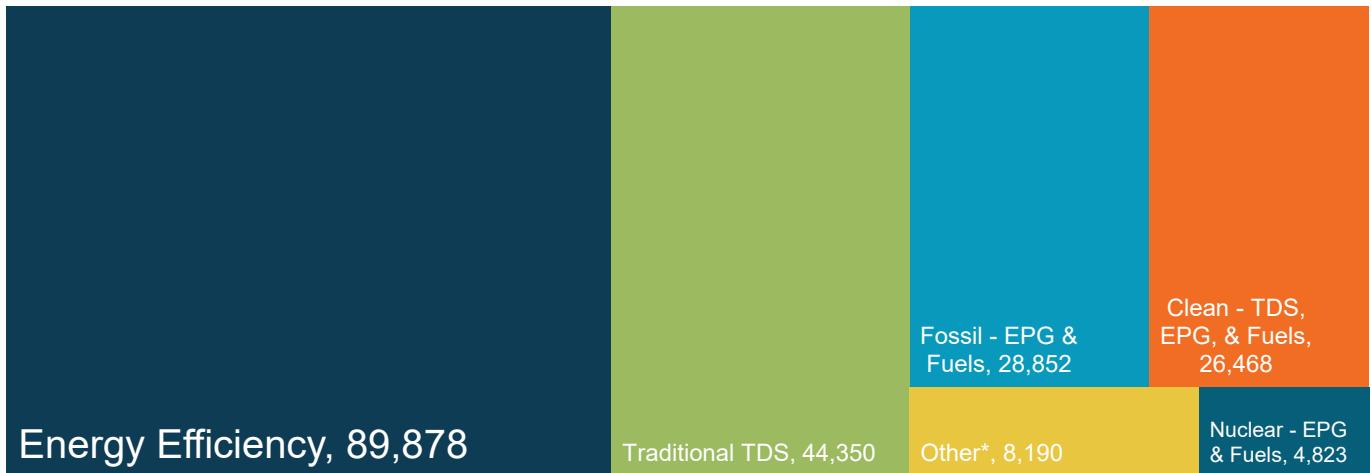
Jobs that reduce energy use by improving efficiency in appliances, buildings, data systems, financing, new technologies, and more.

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

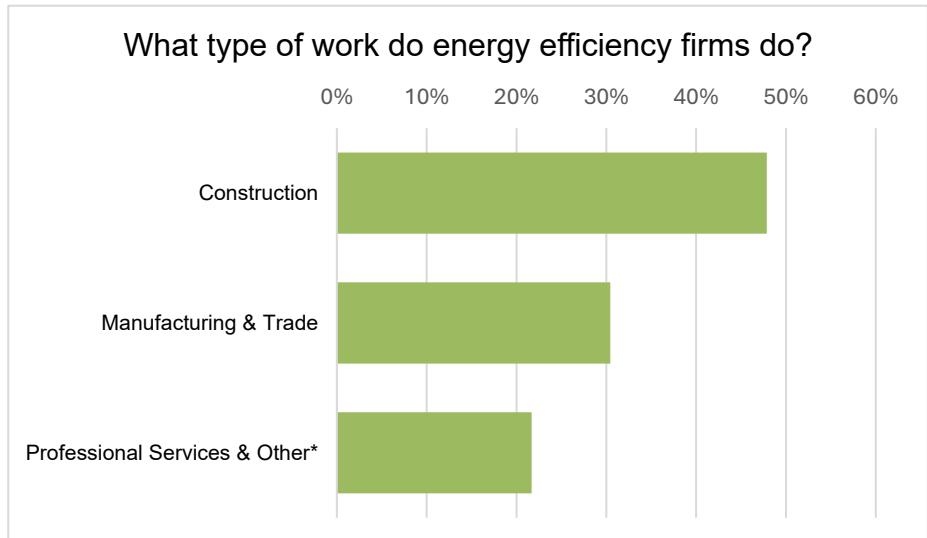
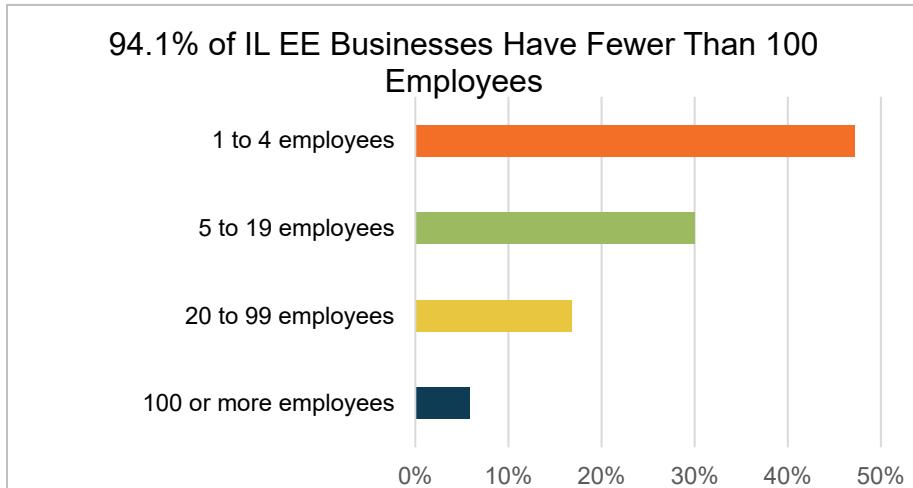
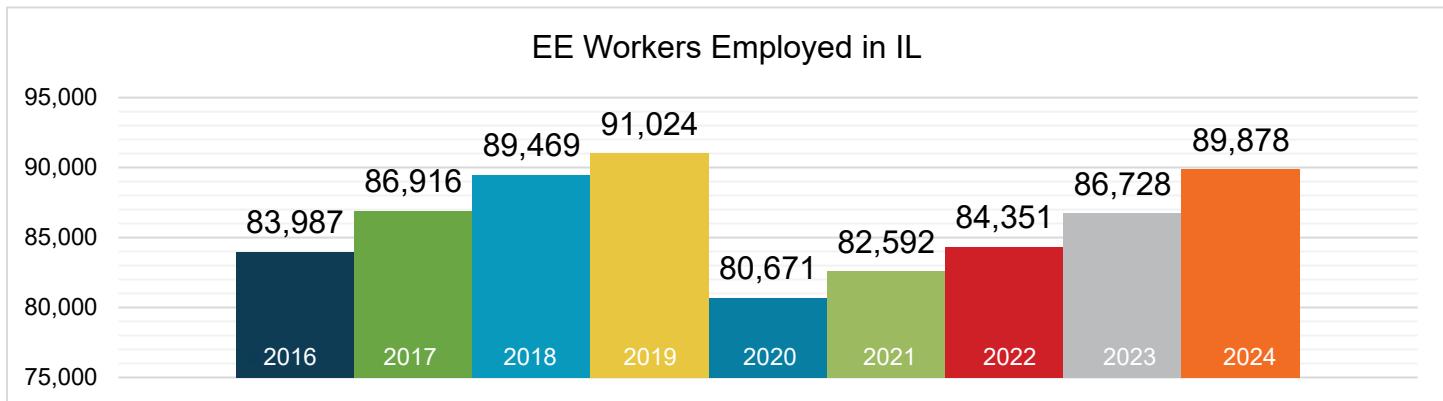
EPG = Electric Power Generation

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

Presented by:

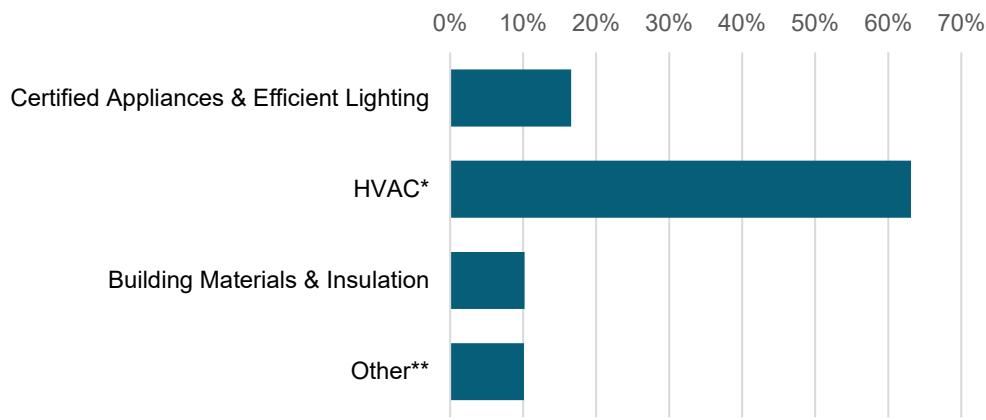


What does EE look like in Illinois?



*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

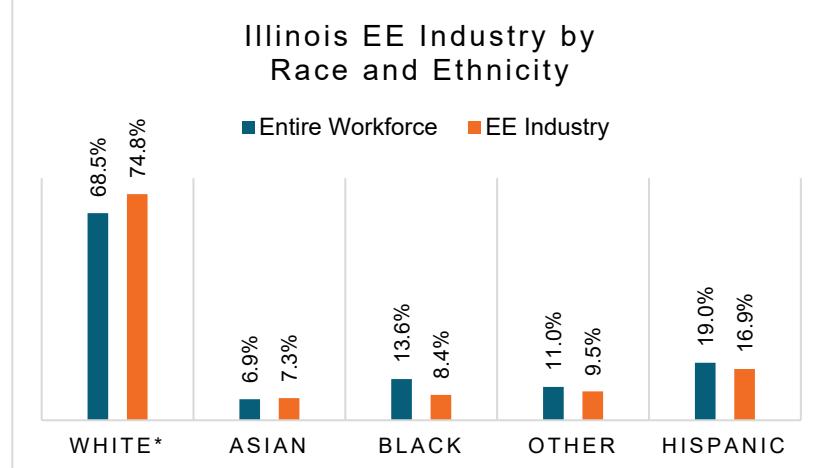
9%
of Illinois
EE workers are
veterans



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.



*Includes non-Hispanic and Hispanic whites.

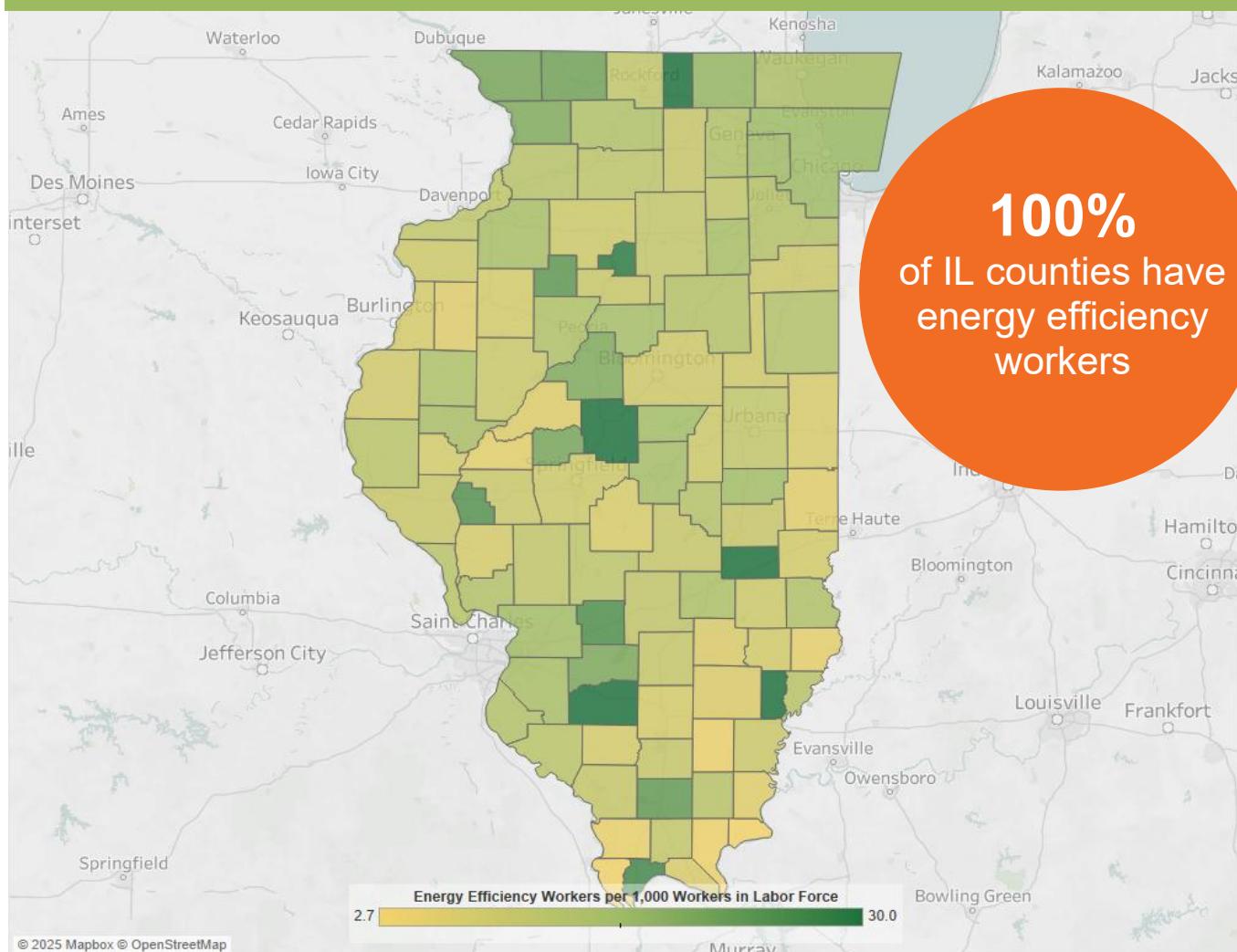
Gender in the Illinois EE Workforce



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

EE Jobs by County



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.

