Iowa

Energy Efficiency Jobs in America

21,659
Total Jobs

What are EE jobs?

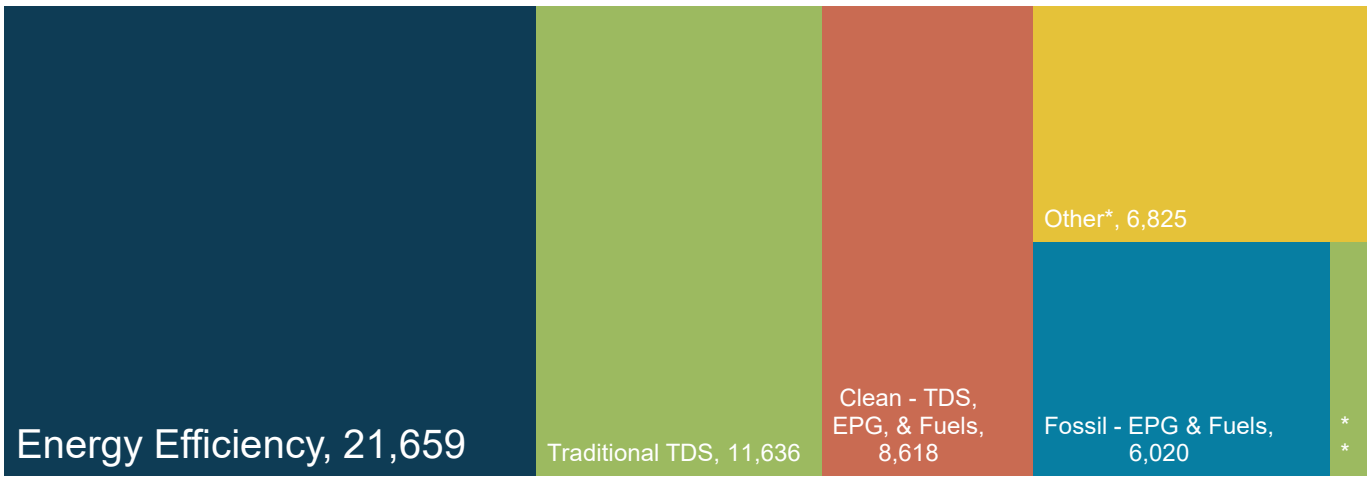
Jobs that reduce energy use by improving efficiency in appliances, buildings, data systems, financing, new technologies, and more.

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 Iowa?

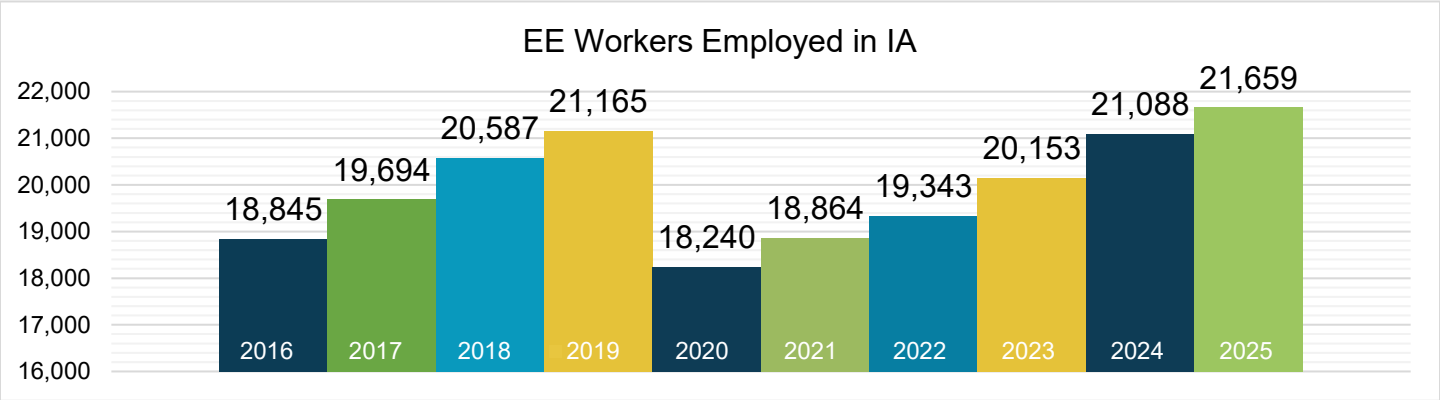
Energy efficiency is the largest energy sector in Iowa.

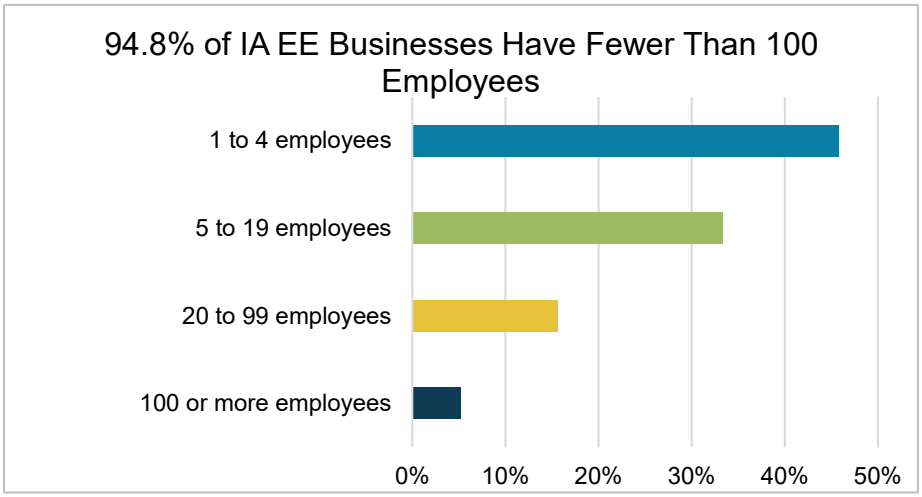


TDS = Transmission, Distribution, & Storage
EPG = Electric Power Generation
**Nuclear - EPG & Fuels = 730
*Includes other energy subsectors such as corn ethanol, woody biomass, large hydropower, and others.

Presented by:

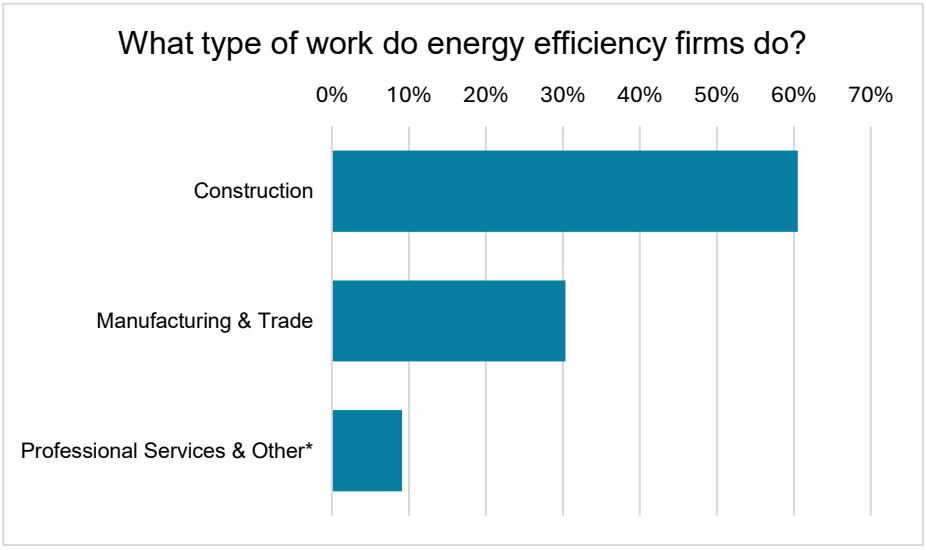
What does EE look like in Iowa?



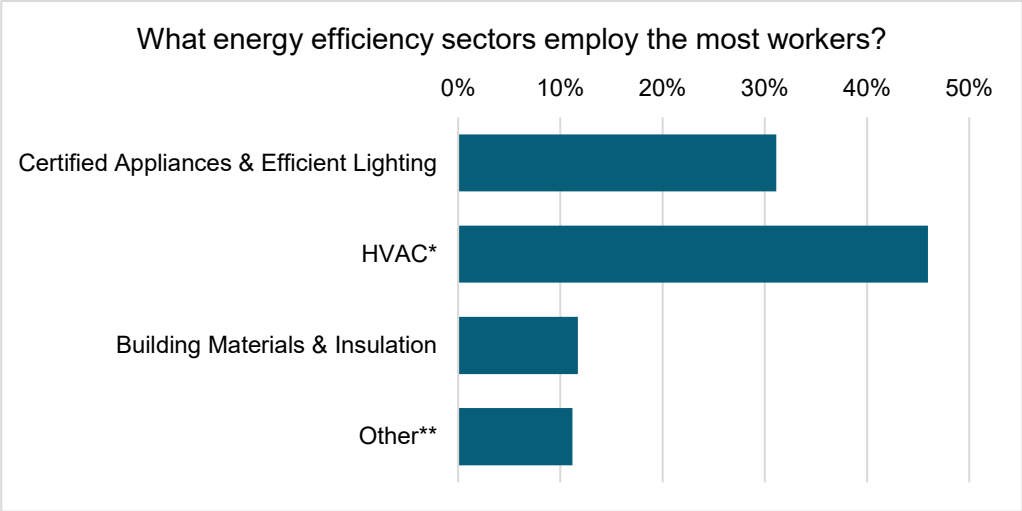








*Professional services include finance, accounting, architecture, engineering, research and development, and more. The "other" category includes roles in maintenance, business operations, and nonprofit organizations.



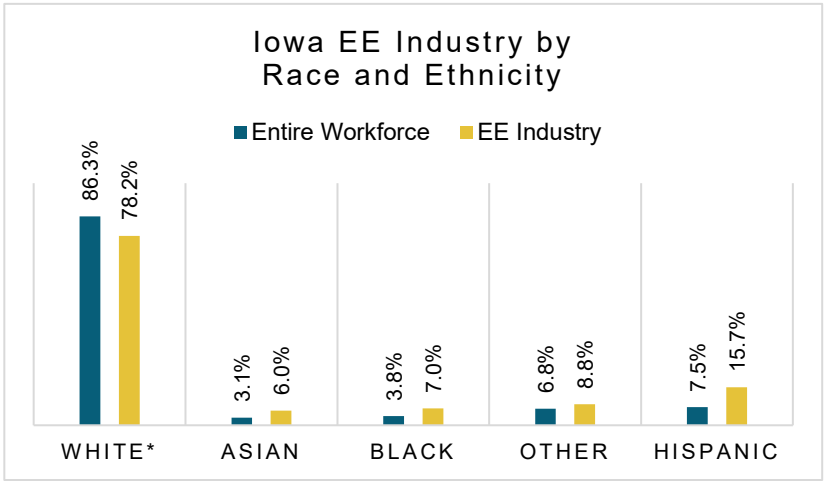
9%
of Iowa
EE workers are
veterans

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

How representative is the EE workforce in Iowa?

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

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



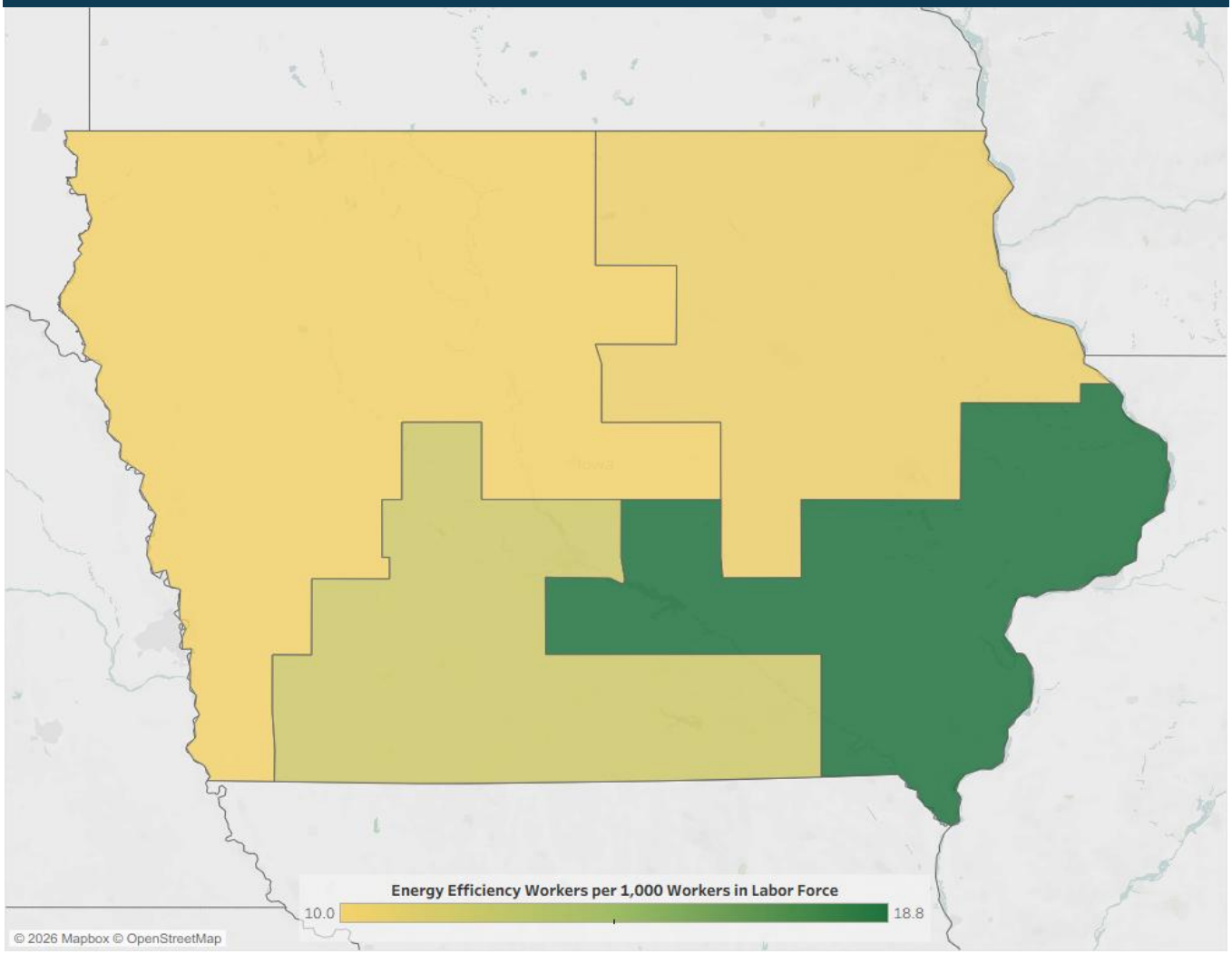
*Includes non-Hispanic and Hispanic whites.



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 Congressional District



Congressional	
District	**Jobs**
1	**7,853**
2	**4,391**
3	**5,244**
4	**4,171**

Metropolitan Areas	
Area	**Jobs**
Ames	**430**
Cedar Rapids	**1,629**
Davenport-Moline-Rock Island	**5,113**
Des Moines-West Des Moines	**4,856**
Dubuque	**695**

Metropolitan Areas	
Area	**Jobs**
Iowa City	**750**
Omaha-Council Bluffs	**543**
Sioux City	**825**
Waterloo-Cedar Falls	**855**
Rural	**5,964**

State Senate							
District	Jobs	District	Jobs	District	Jobs	District	Jobs
1	425	14	193	27	309	40	288
2	416	15	605	28	214	41	1,019
3	267	16	442	29	202	42	260
4	341	17	559	30	304	43	203
5	510	18	511	31	382	44	303
6	276	19	285	32	346	45	333
7	376	20	647	33	304	46	272
8	131	21	663	34	298	47	2,141
9	250	22	514	35	348	48	236
10	410	23	422	36	530	49	1,911
11	195	24	265	37	553	50	447
12	143	25	305	38	334		
13	163	26	365	39	445		

State House of Representatives							
District	Jobs	District	Jobs	District	Jobs	District	Jobs
1	137	26	61	51	131	76	96
2	288	27	81	52	234	77	281
3	196	28	112	53	146	78	164
4	220	29	198	54	163	79	171
5	126	30	407	55	118	80	116
6	140	31	293	56	96	81	827
7	146	32	149	57	71	82	192
8	195	33	316	58	130	83	174
9	381	34	243	59	179	84	87
10	128	35	282	60	125	85	116
11	159	36	229	61	278	86	88
12	117	37	112	62	104	87	200
13	128	38	173	63	186	88	103
14	247	39	449	64	160	89	224
15	44	40	198	65	142	90	108
16	86	41	264	66	163	91	99
17	91	42	399	67	164	92	173
18	159	43	224	68	134	93	1,385
19	201	44	290	69	94	94	757
20	210	45	233	70	254	95	75
21	117	46	189	71	408	96	161
22	78	47	129	72	122	97	672
23	87	48	136	73	280	98	1,239
24	56	49	171	74	273	99	205
25	102	50	134	75	238	100	242

Faces of EE

The EE industry creates jobs, lowers bills, and strengthens the economy. Woven through communities via manufacturing, construction, professional services, and more, EE jobs are the backbone of the energy sector. This sample of people highlights just a few of the wide variety of jobs in the energy efficiency industry and the potential for growth when workforce development and training are prioritized.





Note: Some individuals pictured may have changed jobs since they joined Faces of EE.

This report was funded by the Building Performance Foundation and informed by the industry expertise of the Building Performance Association. Research was conducted by BW Research Partnership.

The Building Performance Foundation (BPF) is a 501(c)(3) charitable organization that works with policymakers, industry stakeholders, and professionals across the trades to educate and advance understanding of building performance, support workforce development, and expand access to career opportunities. Visit www.foundation.building-performance.org.

The Building Performance Association (BPA) is a 501(c)(6) industry trade association that serves and represents the professionals and businesses working to make America's homes more comfortable, healthy, and energy efficient, supporting them through membership, advocacy, education, and engagement. 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 2026 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.