

Kansas *Story*

KS *Quick Facts*

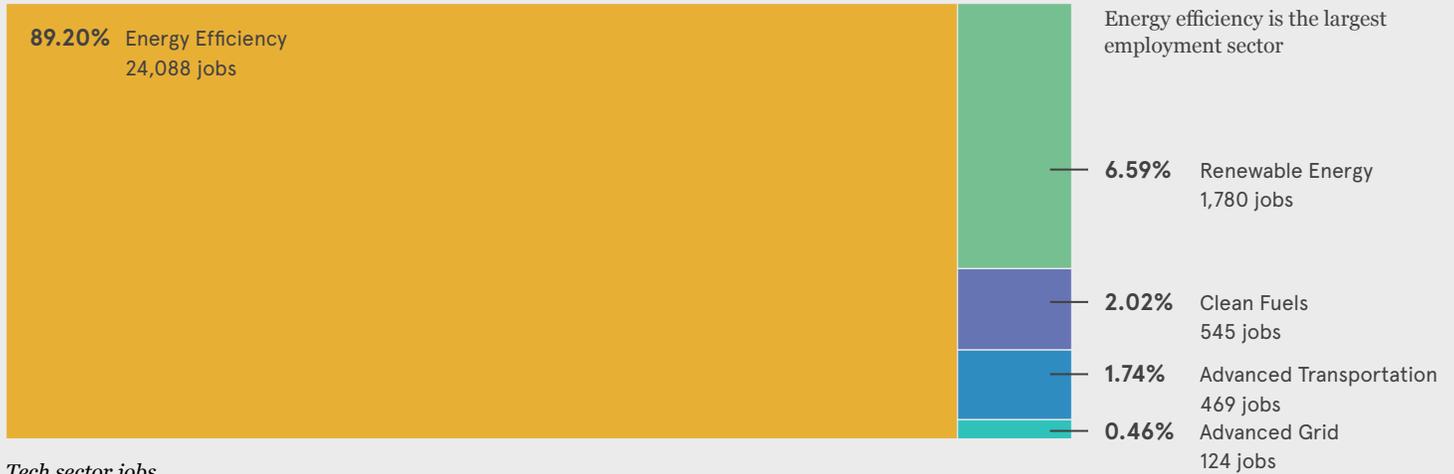
Kansas is home to just over 27,000 clean energy jobs, with projected growth at 2.3%. Clean energy sector growth in Kansas lags the region, but could be improved significantly by implementing sensible clean energy policies in the state. 89% of clean jobs are in energy efficiency, with 58% of the value chain in installation. Small businesses drive the clean energy sector in Kansas. Over 80% of businesses employ fewer than 25 individuals, and traditional industries are adopting new clean energy technology.

27,005 jobs

Kansas has a highly diverse energy efficiency sector

2.3% projected growth

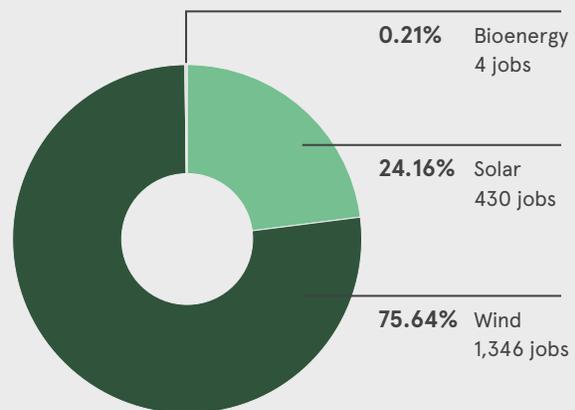
Energy efficiency is the largest employment sector



Tech sector jobs

Energy efficiency is the largest sector, with highly diverse subsectors across HVAC, lighting, energy star appliances, and advanced building materials. Though the largest portion of workers, 37%, is allocated to traditional HVAC goods and services, there is significant representation across other sub-sectors. Energy star appliances employ 20%, energy star and high AFUA HVAC employ 17%, advanced building materials employ 12%, and efficient lighting employs 11%. Nearly three quarters of employees spend most of their time supporting the energy efficiency portion of business.

Renewable energy generation is small, only 6.6%, but 75% of that is in wind and 35% in solar. Kansas has 430 solar jobs, of which 282 spend a majority of their time working on solar. The state’s renewable energy generation sector consists solely of wind and solar technologies. Wind generation dominates renewable energy in Kansas, representing three-quarters of employment. Sixty-one percent of renewable energy employees spend all of their time working with renewable generation technologies.



Renewable generation subsectors

Clean Jobs Midwest

KS	Installation & Maintenance	Manufacturing	Trade & Distribution	Engineering & Research	Professional	Other
Jobs	15,750	520	1,969	1,246	3,645	3,875
%	58.32%	1.93%	7.29%	4.61%	13.50%	14.35%

Value chain

Three-quarters of employers report hiring difficulty over the past 12 months; 25% note it was “very difficult”. Almost half of surveyed employers (44%) mentioned insufficient qualifications, certifications, or education. A third of firms reported difficulty hiring managers, supervisors, or directors.

MSA	Total CJ	RE	EE	Other
Kansas City, MO-KS MSA	6,534	473	5,788	273
Wichita, KS MSA	5,124	327	4,581	216
Topeka, KS MSA	1,758	112	1,572	74

Top 3 MSAs in the region

63% of firms mentioned federal renewable energy Investment Tax Credits (ITC), unaided, when questioned about specific policies that have contributed to firm success. Three in ten firms mentioned red tape regulations to be a significant barrier to success; 21% noted policy uncertainty or insufficiency. With an aided question, 67% of firms are aware of the ITC and 62% are aware of EPA’s Clean Power Plan (CPP). Only 32% are familiar with the state-level Renewable Portfolio Standard (RPS), which calls for 20% of peak demand to come from renewables by 2020. Half of surveyed employers feel the REITC has increased business prospects. Thirty-six percent of firms expect EPA’s CPP to increase business prospects. Kansas has an ACEEE scorecard of 45 out of 51, the second lowest rank in the Midwest.

Although Kansas’ clean energy sector is only growing slowly today, new energy policy such as a RPS or EERS that provides certainty for clean energy businesses would drive investment and job creation if it were enacted, boosting the overall sector growth rate.

About the Survey

Clean Jobs Midwest is a survey of clean energy employment in 12 Midwestern states. The region currently employs 568,979 workers in sectors including renewable energy generation, clean transmission, energy efficiency, clean fuels, and advanced transportation.