

North Dakota *Story*

ND *Quick Facts*

North Dakota is home to 11,882 clean energy jobs. Further, the sector is projected to grow by 4.1% over the next 12 months. Despite having the second lowest number of clean energy jobs in the region, North Dakota actually has the highest percentage of clean jobs in their workforce in the region, including the highest portion of renewable energy generation jobs in the region. 34.6% of clean energy jobs in North Dakota come from renewable energy generation. Over 80% of businesses employ fewer than 25 individuals, illustrating the importance of small business in the state.

11,882

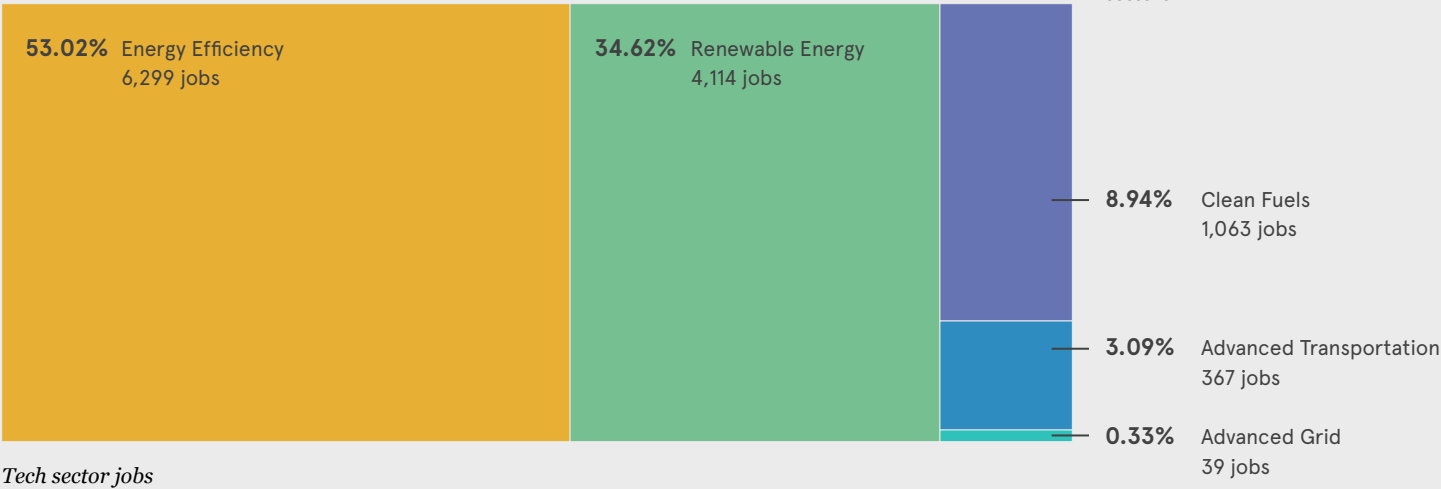
jobs

Highest percentage of clean energy jobs based on workforce

4.1%

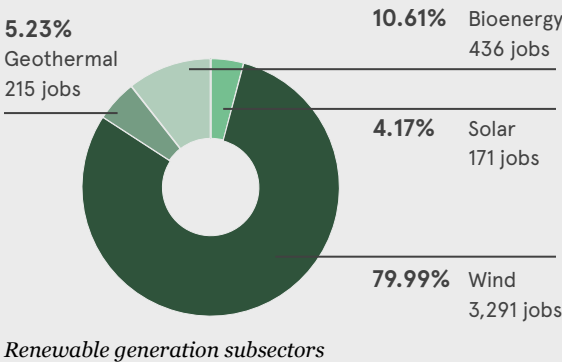
projected growth

Robust wind energy and clean fuels sectors



As the leader in renewable energy generation jobs per capita, North Dakota is diversifying its energy generation sector. Within renewable generation, 80% is wind power. North Dakota has 171 solar jobs, of which 117 spend a majority of their time on solar.

Energy efficiency jobs numbers represent the lowest percentage of clean energy jobs in the region at 53%. However, North Dakota also leads in the clean fuels sector, with the second highest number of jobs in that sector, following Illinois, and highest clean fuels jobs based on workforce in the Midwest. Most clean fuels jobs consist of non-corn ethanol and non-woody biomass.



Clean Jobs Midwest

ND	Installation & Maintenance	Manufacturing	Trade & Distribution	Engineering & Research	Professional	Other
Jobs	2,997	69	932	435	792	6,656
%	25.22%	0.58%	7.85%	3.67%	6.67%	56.02%

Value chain

MSA	Total CJ	RE	EE	Other
Fargo, ND-MN MSA	1,949	730	989	231
Bismarck, ND MSA	1,545	527	826	193
Grand Forks, ND-MN MSA	547	186	292	68

Top 3 MSAs in the region

50% of North Dakota clean energy businesses list finding qualified employees as a barrier to firm success, highest in the region by far, while 25% list financing and material costs as a strong barrier. Businesses also reported limited awareness of policies in place for renewable energy and clean jobs incentives. So while the industry has been doing well for a relatively small state, there is a lot of room for clean energy policy to help drive investment and job growth in the industry. For example, North Dakota has no Renewable Portfolio Standard driving investments and no Energy Efficient Resources Standard. The current ACEEE Energy Efficiency scorecard ranks them last in the nation.

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.