

Preparing our future

CLEAN ENERGY WORKFORCE



Transitioning into a clean energy economy will require creating pathways to inclusive, good-paying jobs. Here is what this transition will look like:

OCCUPATIONS

The transition to a clean energy economy will primarily involve

320
UNIQUE
OCCUPATIONS

And will spread across three industrial sectors:

1. **Clean energy production**
2. **Energy efficiency**
3. **Environmental management**



These occupations comprise a range of responsibilities, including jobs unique to the energy sector as well as those that support services

WAGES



8% to 19%
is how much more **clean energy jobs** exceed national averages in mean hourly wages

Clean energy workers at lower ends of the income spectrum can earn

\$5 to \$10
more per hour than other jobs

EDUCATION



Many occupations within the clean energy economy tend to have **lower educational requirements**

50%
of workers

attain no more than a **high school diploma...**



...yet earn **higher wages** than similarly-educated peers in other industries

KNOWLEDGE

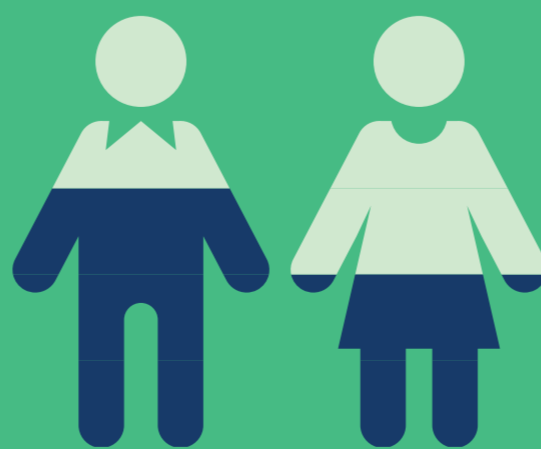


Occupations within **clean energy production & energy efficiency** tend to require greater scientific knowledge and technical skills than the average American job

Conversely, knowledge and skill requirements in **environmental management occupations** trend towards national averages

DEMOGRAPHICS

The clean energy workforce is **older, dominated by male workers and lacks racial diversity** when compared to all occupations nationally



Fewer than 20% of workers in the clean energy production and energy efficiency sectors are **women**, while **black workers** fill **less than 10%** of these sectors' jobs