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.