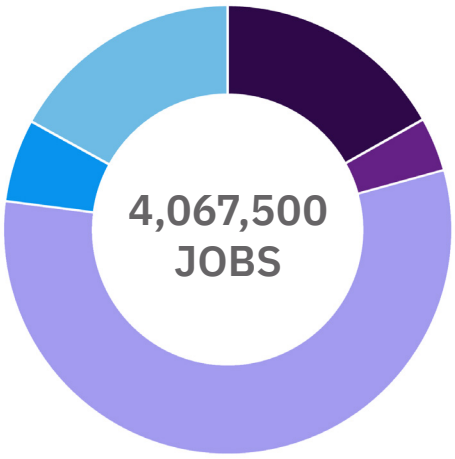
Advanced Energy Industry Employs 4.1 million in the United States

Advanced energy grew at more than twice the rate of U.S. jobs across the board



FROM 2022 TO 2023:

U.S. Advanced Energy Jobs Grew by 4% Overall

Advanced Generation Jobs Grew by 4.5%

Electric Vehicle Jobs Grew by 10%

17%
Advanced Electricity Generation

4%
Advanced Grid and Storage

56%
Energy Efficiency

6%
Electric Vehicles

17%
Transmission and Distribution

ADVANCED ENERGY SUPPORTS 4.1 MILLION U.S. JOBS

Advanced Energy United educates, engages, and advocates for policies that allow our member companies to compete to repower our economy with 100% clean energy. We work with decision-makers at every level of government as well as regulators of energy markets to achieve this goal. The businesses we represent are lowering consumer costs, creating thousands of new jobs every year, and providing the full range of clean, efficient, and reliable energy and transportation solutions. Together, we are united in our mission to accelerate the transition to 100% clean energy in the United States.

SOURCES: Data collected for Dept. of Energy, 2024 U.S. Energy & Employment Report, and analyzed by BW Research Partnership; U.S. Bureau of Labor Statistics. See reverse for important notes about assumptions and data limitations.

ADVANCED ENERGY UNITED™

AdvancedEnergyUnited.org

U.S. Advanced Energy Industry Jobs

684,600 JOBS
in Advanced Electricity Generation

Renewable energy and nuclear power

158,400 JOBS
in Advanced Grid and Storage

Battery storage, microgrids, and other grid modernization technologies

2,290,200 JOBS
in Energy Efficiency

Helping homes, offices, and industry save energy and money

243,200 JOBS
in Electric Vehicles

Plug-in hybrid, electric, and fuel cell vehicles

691,100 JOBS
in Transmission and Distribution

Connecting energy resources with demand

Our definition of 'advanced energy jobs' aligns closely with the U.S. Department of Energy 'clean jobs' definition, per the 2024 U.S. Energy & Employment Jobs Report (USEER); however, our categorization excludes biofuels. 'Advanced energy' includes:

- *All renewable electric power generation technologies, including traditional hydropower*
- *Nuclear electric power generation and fuel*
- *Microgrids and grid modernization*
- *Non-fossil energy storage*
- *Plug-in hybrid vehicles, battery electric vehicles, and hydrogen fuel cell vehicles*
- *All energy efficiency*
- *Clean energy transmission and distribution. (Note that the state-level data do not distinguish between total and clean energy T&D jobs, including those associated with fossil fuels. The DOE estimates that nationally 68% of T&D jobs are associated with clean resources, which is what is included here.)*