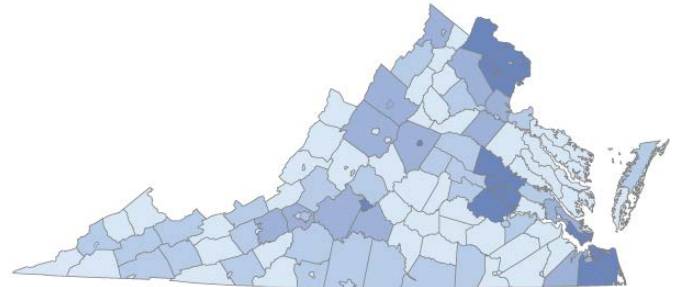


Advanced Energy Employs 101,400 in Virginia

More Jobs than Hospitals;
Twice as Many as Real Estate



4%

Job Growth 2017-18

7%

Growth Expected in 2019

22%

Of Employers Say It's Very
Difficult to Find Qualified
Candidates for Advanced
Energy Jobs

**ADVANCED
ENERGY JOBS**



TOP 5 COUNTIES FOR ADVANCED ENERGY JOBS

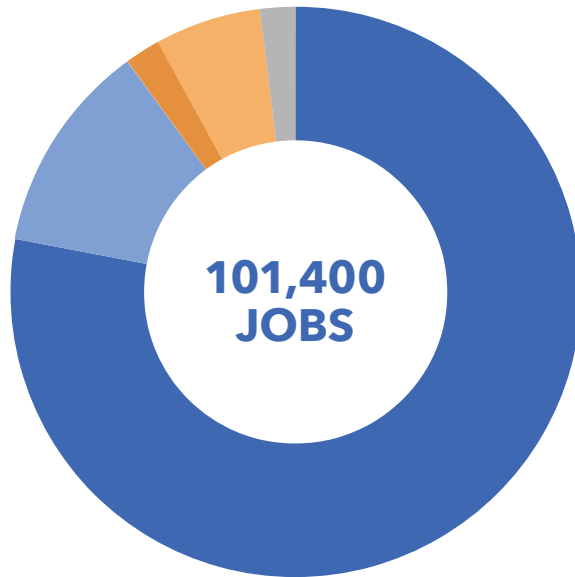
Fairfax County	20,700
Loudoun County	5,400
Henrico County	4,700
Arlington County	4,600
Virginia Beach City County	4,500






ADVANCED ENERGY SUPPORTS 3.5 MILLION U.S. JOBS

Advanced energy encompasses the best available technologies for meeting energy needs today and tomorrow. These include electric and plug-in hybrid vehicles, natural gas-fueled trucks, high-performance building energy technologies, energy-saving industrial processes, wind turbines, onsite and large-scale solar installations, hydro and nuclear power, and energy storage. Advanced energy technologies are driving our economy toward a prosperous future powered by energy that is secure, clean, and affordable. For more, see **This Is Advanced Energy** at info.aee.net/reports.

ADVANCED ENERGY

A Wide Range of Virginia Jobs



-  **Energy Efficiency**
78%
-  **Advanced Generation**
12%
-  **Advanced Grid**
2%
-  **Advanced Vehicles**
5%
-  **Advanced Fuels**
2%



78,700 JOBS
in Energy Efficiency

Helping homes, offices, and industry save money



12,600 JOBS
in Advanced Electricity Generation

Solar, bioenergy, natural gas, wind & nuclear power



2,500 JOBS
in Advanced Grid & Energy Storage

Battery storage, microgrid, other grid technologies



5,400 JOBS
in Advanced Vehicles

Hybrid, electric, natural gas, and fuel cell vehicles



2,200 JOBS
in Advanced Fuels

Corn ethanol, biomass, other non-petroleum fuels

Sources: Data collected for the 2019 U.S. Energy & Employment Report, produced by Energy Futures Initiative (EFI), in partnership with National Association of State Energy Officials (NASEO) and collected and analyzed by the BW Research Partnership; U.S. Bureau of Labor Statistics.