

Advanced Energy Employs 543,800 in California

More Jobs than Hospitals;
Double Supermarkets &
Grocery Stores

<1%

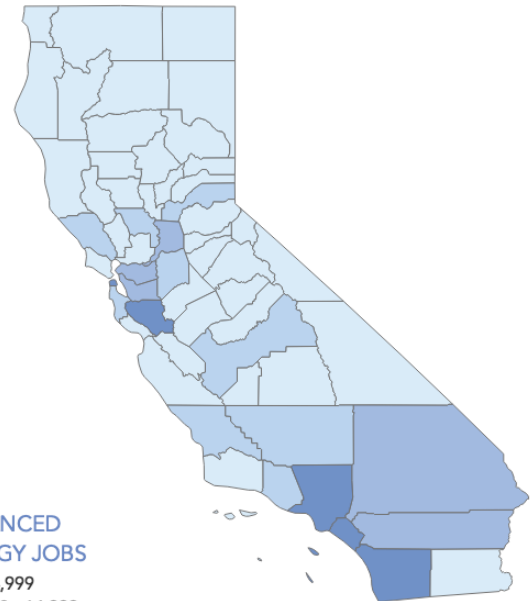
Job Growth 2017-18

8%

Growth Expected in 2019

30%

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



ADVANCED
ENERGY JOBS

- 0 - 4,999
- 5,000 - 14,999
- 15,000 - 34,999
- 35,000 +

TOP 5 COUNTIES FOR ADVANCED ENERGY JOBS

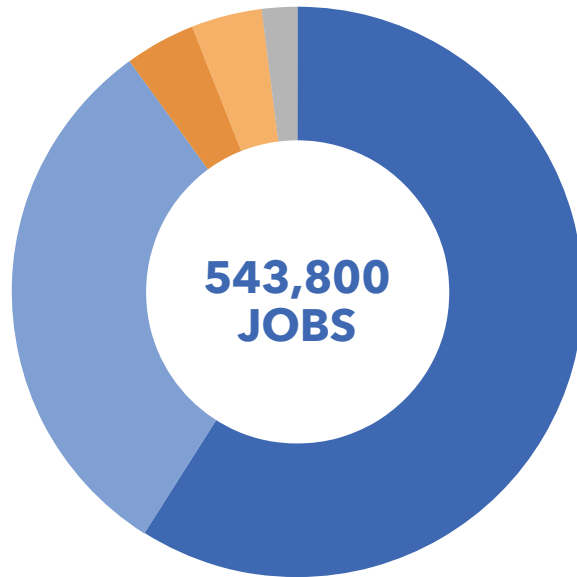
Los Angeles County	99,700
Orange County	63,000
Santa Clara County	54,500
San Diego County	52,500
San Francisco County	38,300






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 California Jobs



-  **Energy Efficiency**
59%
-  **Advanced Generation**
31%
-  **Advanced Grid**
4%
-  **Advanced Vehicles**
4%
-  **Advanced Fuels**
2%



318,500 JOBS
in Energy Efficiency

Helping homes, offices, and industry save money



171,000 JOBS
in Advanced Electricity Generation

Solar, bioenergy, natural gas, wind & nuclear power



22,800 JOBS
in Advanced Grid & Energy Storage

Battery storage, microgrid, other grid technologies



22,400 JOBS
in Advanced Vehicles

Hybrid, electric, natural gas, and fuel cell vehicles



9,000 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.