

ENERGY, CONSTRUCTION & UTILITIES

San Diego County



DID YOU KNOW?

Programs in this sector train you in architecture, engineering, electrical, mechanical, and construction roles. The majority of “clean energy” companies in San Diego specialize in energy efficiency for buildings and renewable energies such as solar power.



8% (10,357)

5-year projected
job growth



\$83,126

average earnings
per job

ARE YOU INTERESTED IN...?

- Working with state-of-the-art technology and machines
- Balancing energy needs with environmental concerns
- Learning a practical trade that is transferable to any location
- Being part of a sector with a global impact
- Using math to solve community and global problems

DO YOU...?

- Enjoy building things and working with tools
- Dream of creating a city skyline
- Want to build massive infrastructures that connect and support our world
- Follow directions
- Prefer working outdoors
- Work on a project until all the pieces fit together
- Work with your hands



Sample of Local Employers

AECOM Technology Corporation

EDF Renewable Energy

Dynalectric San Diego

Flatiron Construction

San Diego Gas & Electric

Sempra Energy

Solar Turbines



CAREER PATHWAYS & SALARY INFO

Minimum Education	Career Pathways	Hourly Rate (Salary)*
HS Diploma + Postsecondary Training (e.g., Certificate)	Carpenters	\$16 (\$33K)
	Plumbers, Pipefitters, and Steamfitters	\$20 (\$42K)
	Electricians	\$20 (\$42K)
	Construction and Building Inspectors	\$24 (\$50K)
Associate Degree or Higher	Civil Engineering Technicians	\$18 (\$37K)
	Architectural and Civil Drafters	\$25 (\$52K)
	Electrical and Electronics Drafters	\$22 (\$46K)
	Electrical and Electronics Engineering Technicians	\$26 (\$54K)

*Median hourly rates are provided here because once apprentices finish their training, they make median wages. These wages have been rounded up and salaries are provided as examples of what workers would make if they worked full-time (2080 hours a year)

NOT SURE WHAT YOU'RE INTERESTED IN?

Take the Interest Profiler on the California Career Zone (cacareerzone.org)! It will help you explore occupations based on your interests. A career counselor at your school can help you further assess your career interests.

HOW TO FIND OUT MORE ABOUT CAREERS

- Talk to your teachers and counselors about doing career exploration, about career pathways at your school, and about community college programs and tours
- Talk to family, neighbors, and mentors about their education path and about how they chose their career
- To learn about career paths in any industry and the community colleges that offer these programs, visit CareerEd.org



Visit CareerEd.org to find community college programs in Energy, Construction & Utilities.