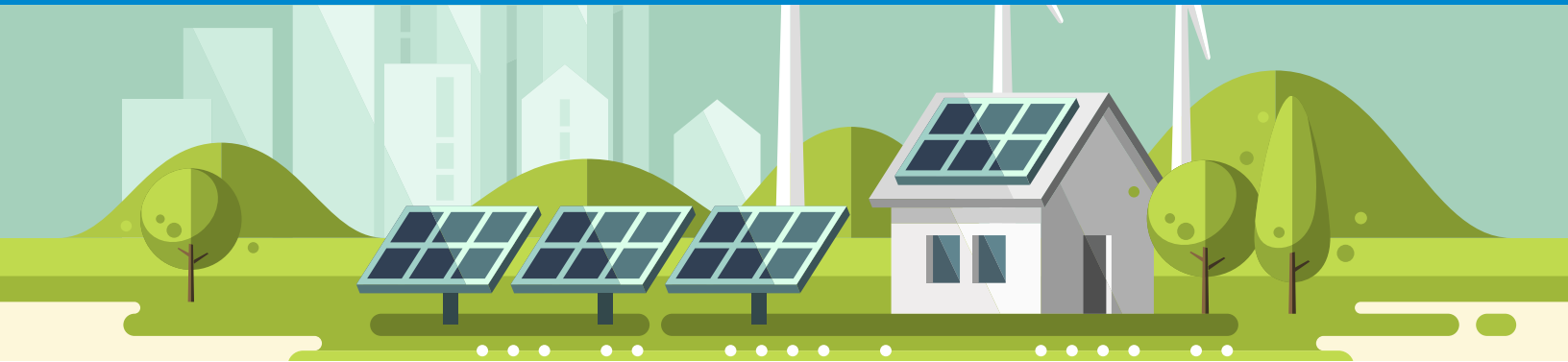


CAREERS IN SUSTAINABILITY

Energy Engineers



What do energy engineers do?

Energy engineers focus on reducing environmental impacts by improving the ways we acquire, store, and use energy. Their role can include:

- Conducting assessments on energy products and systems to make sure they are running safely and efficiently.
- Designing renewable energy systems (like solar and wind power) and coming up with ways to make existing systems better.

Their work includes:

You are using similar skills when you:



Using data from tests and digital simulations to determine safety and comparing the environmental impacts of various designs.

Compare different features and specifications of speakers, headphones, or other products to determine which is best for you.



Researching new technologies that reduce energy costs, increase supply, and improve energy efficiency.

Are curious about new technologies that are good for the environment.



Creating detailed drawings and models using computer-aided design (CAD) software.

Visually express your ideas through sketches or digital drawings.



Try it out!

Decisions about the environment are never easy. There are many factors involved that offer benefits and drawbacks. Play the [Responsible Reservoirs game](#) and think about the complicated decisions involved in major environmental decisions.



**The Tech
Interactive**

thetech.org



These career exploration resources were developed in collaboration with [Santa Clara County Office of Education](#)