



CAREER PROFILE

Renewable Energy Engineer

CAREER OUTLOOK^{2,3}

The job outlook for those in the environmental engineering field, like **renewable energy engineers**, is projected to grow at a slightly faster rate than average. However, as the global population continues to increase and the world's sources of **nonrenewable energy** continue to deplete, those figures are likely to increase.

Projected job growth:
8% (2016–2026)

Average salary range:
\$75,723/year

With the ever-increasing global population and the subsequent energy demands, we need professionals who can research innovative energy sources and are able to develop long term energy solutions. Those professionals are **renewable energy engineers**.

WHAT IS A RENEWABLE ENERGY ENGINEER?¹

Renewable energy engineers research and develop methods for producing energy from renewable or sustainable sources. Some examples of **renewable energy** are solar power, wind power, hydropower, and geothermal energy. These engineers work on designing new machines, developing innovative processes, and discovering efficiencies, all with the goal of producing energy that has a minimal impact on the environment. **Renewable energy engineers** are found in all facets of sustainable energy production—project planning, research and development, equipment installation and testing, working with energy providers, and more!

IS RENEWABLE ENERGY ENGINEER A GOOD CAREER FOR ME?

Renewable energy engineers are:

- curious
- innovative
- excellent communicators
- problem solvers

Renewable Energy

Energy from a source that is not depleted once it is used (i.e., solar, wind, etc.).

Nonrenewable Energy:

Energy from a source that cannot be replaced at a rate that keeps up with consumption (i.e., coal, petroleum, etc.).

¹ <https://bit.ly/3H1U1Em>

² <https://www.salary.com/research/salary/posting/renewable-energy-engineer-salary>

³ <https://www.bls.gov/careeroutlook/2018/data-on-display/green-growth.htm>



Renewable Energy Engineer

HOW DO I BECOME A RENEWABLE ENERGY ENGINEER?

You will need to:

- take classes in lab sciences, technology, engineering, and math.
- develop your communication skills.
- get experience working with changing technologies and environmental projects.