

If I Had Renewable Energy, I'd Never Be Tired Again!

By Annie Wu

You've heard of energy, but did you know there are lots of different kinds? One kind is renewable energy. **Renewable energy** is energy that comes from sources that will never run out. These sources include the sun, water, wind, and much more! Don't get confused by its name though! Renewable energy is not energy that can be reused. Fossil fuels, such as coal, can be used up, so they are not a renewable energy source. They take millions of years to form and will eventually run out. All fossil fuels are non-renewable energy.

Two important types of renewable energy are wind and solar power. **Wind energy** is, well, the wind! Windmills have been used for a very long time to turn wind into energy we can use. When the wind blows, it causes the windmill to spin, creating energy for people to do direct work like pumping water or grinding grain. Today, we mostly use wind turbines that can turn the wind energy into electricity! **Solar power**, the other major renewable energy, is energy from the sun. We use it daily to warm our homes and dry our clothes in the summer. And solar panels are more and more popular. They collect solar energy and turn it into electricity we can use in our homes and businesses.

Now that you know what renewable energy and nonrenewable energy are, you can continue by reading about clean energy in the next article!

