

# Importance of Renewable Energy

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Did you know that 85% of the energy we use comes from **fossil fuels**? Fossil fuels are energy sources such as coal, oil and natural gas. With this rate the world virtually depends on the supply of fossil-fuel. But the common issue presented to us is that fossil-fuels are running out. In fact it would take millions of years to completely restore the fossil fuels that we have used in just a few thousand. This means fossil fuels are **non-renewable** sources of energy.



That's where **renewable energy** comes in as a resolution for this global issue. Renewable energy is any natural source that can replenish itself naturally over a short amount of time. Renewable energy comes from many commonly known sources such as solar power, wind, running water, and geothermal energy



**Solar energy** can be used to provide electricity in homes or buildings. Solar energy can also be used directly to provide heat. We can convert the **kinetic** power of the **wind** into electricity too. And water energy (**hydropower**) is another common method for obtaining energy. And last but not least another renewable source used today is called geothermal energy. **Geothermal energy** is heat and steam captured from inside the Earth.

Renewable energy sources are wonderful options because they are limitless. We won't run out of them as we will eventually run out of the fossil fuels we currently depend upon. Also another great benefit from using renewable energy is that many of them do not pollute our air and water the way burning fossil fuels does. You will probably hear more and more about sources of renewable energy in the days and months to come!