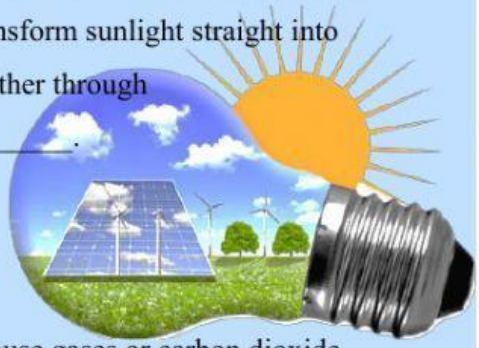
Renewable energy

Fill in the gaps. There is a Word bank to help you

restored	rooftop panels	stable	toxins	advantages	clean	area	neighborhoods	humans
world	weather conditions	homeowner	economically	exploiting	buildings	silicon	unused	

Renewable energy is often called _____ energy. It comes from natural sources or processes that are constantly _____. One of such energy sources is solar energy. Did you know that more energy from the sun falls on the earth in one hour than is used by everyone in the _____ in one year?

_____have been _____ solar energy for thousands of years - to stay warm, grow crops and dry foods. Solar cells are made from _____ or other materials that transform sunlight straight into electricity. Solar systems produce power locally for homes and businesses, either through _____ or community projects that power entire_____.



Solar energy has _____ and some limitations.

The two main benefits:

- Solar energy systems do not produce air pollutants, _____, greenhouse gases or carbon dioxide.
- Solar energy systems on _____ have minimal effects on the environment.

Limitations include:

- The amount of sunlight reaching the earth's surface is not_____. The amount of sunlight differs depending on time of day, season of the year, location and_____.
- Because the amount of sunlight reaching a square meter of the earth's surface is rather small, so in order to get necessary amount of electricity a large _____ needs to be utilized for solar panels.

Some solar-powered homes generate more electricity than they require, allowing the _____ to sell _____ power back to the network. Batteries are also an _____ charming way to store extra solar energy so that it can be used at night.

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