

Advantages and Disadvantages of Renewable Energy

Read each of the statements about renewable energy sources. Match them under the correct heading on the table to show whether the statement is describing an advantage or a disadvantage.

Renewable energy sources will not run out.

Wind turbines can only be used if the weather conditions are suitable.

Solar panels are cheap to maintain.

Renewable energy sources are clean to use as there are fewer greenhouse gas emissions.

Hydroelectric systems can harm environments and wildlife.

The technology required is often expensive to purchase.

Unused energy produced by households can be sold back to the main national grid.

Usually, the energy is produced at a slower rate than when using fossil fuels.

Wind turbines can be very noisy.

Due to use of a stable source of energy, the cost of renewable fuels does not change much.

Renewable energy technologies could produce many jobs in the future.

Renewable energy technologies can be used on small or large scales - e.g. one house or an entire wind farm.

Not all places in the world can make use of renewable energy sources.

A lot of land is required to set up large scale systems to make enough electricity.

Advantages

Disadvantages

Advantages and Disadvantages of Renewable Energy Answers

Advantages	Disadvantages
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Solar panels are cheap to maintain.	Wind turbines can be very noisy.
Unused energy produced by households can be sold back to the main national grid.	Not all places in the world can make use of renewable energy sources.
Renewable energy technologies could produce many jobs in the future.	Wind turbines can only be used if the weather conditions are suitable.
Renewable energy sources are clean to use as there are fewer greenhouse gas emissions.	The technology required is often expensive to purchase.
Due to use of a stable source of energy, the cost of renewable fuels does not change much.	Usually, the energy is produced at a slower rate than when using fossil fuels.
Renewable energy technologies can be used on small or large scales - e.g. one house or an entire wind farm.	A lot of land is required to set up large scale systems to make enough electricity.