Renewable Energy

Drag and Drop

light (photo) sun big electricity (volts) mechanical energy

tides turbine most none small earth wind

near far from hard to capture free difference

Solar energy

What is solar energy?

Energy from the 1.

What is a photovoltaic cell?

Converts 2. energy into 3.

Hydroelectricity

What is hydroelectricity?

Converts the 4. of moving water into electricity

What is one economic advantage to hydroelectricity?

Once the dam is built the energy is 5.

Tidal energy

What is tidal energy?

Energy from the movement of water caused by the 6. , between high and low tide.

Why is tidal energy a limited source of energy?

Tidal stations only work in places where there is a 7. difference between high and low tide. Tidal power stations are built 8. the coast (on the contential shelf), where most sea life lives, so they can cause environemental problems.

Wind energy

What device is used to harness the energy in wind and convert it into electricity?

A windmill, or wind 9.

Why is the wind an energy source with limited uses?

Windmills are only effective in places where the wind blows 10. of the time.

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