Renewable energy fact cards



Made by: the wind turning blades which drive a turbine which in turn drives the generator to produce electricity.

For: whenever the wind blows energy is provided.

Against: large number of turbines are needed to produce a high amount of energy. Only works well in windy places (mountains or off-shore).

Impact on environment: some impact from installing wind turbines.

Energy provided: two windmills provide enough electricity for 15 dwellings.

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Made by: the falling water being diverted from a river and turning a waterwheel or turbine, which in turn drives the generator to produce electricity.

For: if there is good rain supply, there will always be water to produce energy.



Against: only suitable for hilly areas with rivers.

Impact on environment: some impact from diverting rivers. This may upset the ecology of the area or the fertility of surrounding land.

Energy provided: a single hydroelectric plant provides enough electricity for 40 dwellings.

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