



Renewable Energy and Community Debates

Types of renewable energy starter activity

Teacher Answer Sheet

gy supply.Manufacture and implementation of solar panels can be costly.ve their own electricity supply.Manufacture and implementation of wind farms can be costly.rly, but several are usually ind farms.Manufacture and implementation of wind farms can be costly.hergy supply.Some local people object to on-shore wind farms, arguing that it spoils the countryside.ch as the UK.Construction of barrage is very costly.a lot of energy.Only a few estuaries are suitable.uble as a bridge,Opposed by some environmental groups
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as having a negative impact on wildlife. May reduce tidal flow and impede flow of sewage out to sea.
untry. Construction can be costly. All local operations, May be opposed by local communities or a national scale. environmental groups.
Can be expensive to set up and only works in areas of volcanic activity. Geothermal and volcanic activity might calm down, leaving power stations redundant.
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Types of renewable energy starter activity

Teacher Answer Sheet

Type of renewable energy	Positives	Negatives
Hydroelectric Power (HEP)	It is a cheap and readily available source of energy.	Dams may be opposed by local communities or environmental groups.
Biomass	If replaced, biomass can be a long-term, sustainable energy source.	When burned, it gives off atmospheric pollutants, including greenhouse gases. Biomass is only a renewable resource if crops are replanted.
Wood	A cheap and readily available source of energy. If the trees are replaced, wood burning can be a long-term, sustainable energy source.	When burned it gives off atmospheric pollutants, including greenhouse gases. If trees are not replanted then wood is a non-renewable resource.

Taken from:

www.bbc.co.uk/schools/gcsebitesize/geography/energy_resources/energy_rev2.shtml

