

# Energy

## Homework 1



1 : For the following energy sources indicate whether they are renewable, non-renewable, and/or a fossil fuel.

Energy Source	Fossil Fuel	Renewable	Non-renewable
Coal			
Biomass			
Solar			
Oil			
Wind			
Geothermal			

6 Marks

2 : Many people want to stop using fossil fuels in favour of using renewable energy sources such as hydro-electric and solar. Give two reasons for using less fossil fuels.

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2 Marks

3 : Give two reasons why fossil fuels are still used in energy production?

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2 Marks

4 : Reducing energy consumption reduces the negative effects mentioned in the previous questions. Give three ways that a modern home can be more energy efficient.

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**3 Marks**

5 : Renewable energy sources have many advantages over the use of fossil fuels but there are some disadvantages too. For each of the following give one disadvantage or problem that it causes.

a) Hydro-Electric dam

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b) Wind turbine

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**2 Marks**

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Total mark **/15**