

1 Electricity can be generated using fossil fuels as an energy source. There is concern over fossil fuels and the environmental problems associated with their use.

Using renewable energy sources can help to reduce the problems caused by using fossil fuels, but there are some disadvantages to using renewable energy sources.

1 (a) (i) What is a renewable energy source? **[1 mark]**

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1 (a) (ii) One source of renewable energy is wind. Name two other renewable energy sources that can be used to generate electricity. **[2 marks]**

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1 (a) (iii) Energy in the wind is transferred to electrical energy by wind turbines. Wind farms are areas that contain several wind turbines.

Give two advantages and two disadvantages to building a wind farm to generate electricity. **[4 marks]**

Advantage 1

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Advantage 2

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Disadvantage 1

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Disadvantage 2

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(Total 7 marks)

End

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