

Resource 2

<http://www.bbc.co.uk/learningzone/clips/energy-crisis-pt-1-2/1443.html>

Watch the BBC clip above as an introduction. Then

Using Resource 2.

Q1. Give two reasons why there might be blackouts in the future?

Reason 1

Reason 2

Q2. How might the following be affected if there were blackouts?

a) Hospitals

b) Factories

c) Senior Citizens

Q3. Using Graph (b):

a) For the energy sources classify them into the two categories below.

Non- Renewable (traditional)	Renewable (alternative)

b) What is our energy consumption in the year 2010? _____

c) How is this predicted to change by the year 2060? _____

d) Up until 2010, which energy sources has Britain been most reliant on? WHY do you think that is?

e) From 2025, what is going to happen to our use of and reliance on these resources?

f) Which type of renewable energy is predicted to provide the largest contribution to our energy use by the year 2060? _____

Q4. For each type of energy, state one advantage and one disadvantage.

If you're doing this at home, you will need to do a bit of research on the internet to do this question

Energy	Advantage	Disadvantage
Surprise		
Geothermal		
Solar		
Biomass		
Wind		
Nuclear		
Hydro		
Gas		
Oil and NGL (natural gas liquids)		
Coal		
Traditional Bio		

Q5.

Using Graph (c):

a) What type of alternative energy can meet the demands of 2006 on its own?

b) Why will this not be sufficient in the future?

c) Which energy form is the most unsuitable for the UK? _____

Why do you think this is?

d) Which of the forms of energy would be the most controversial and WHY?
