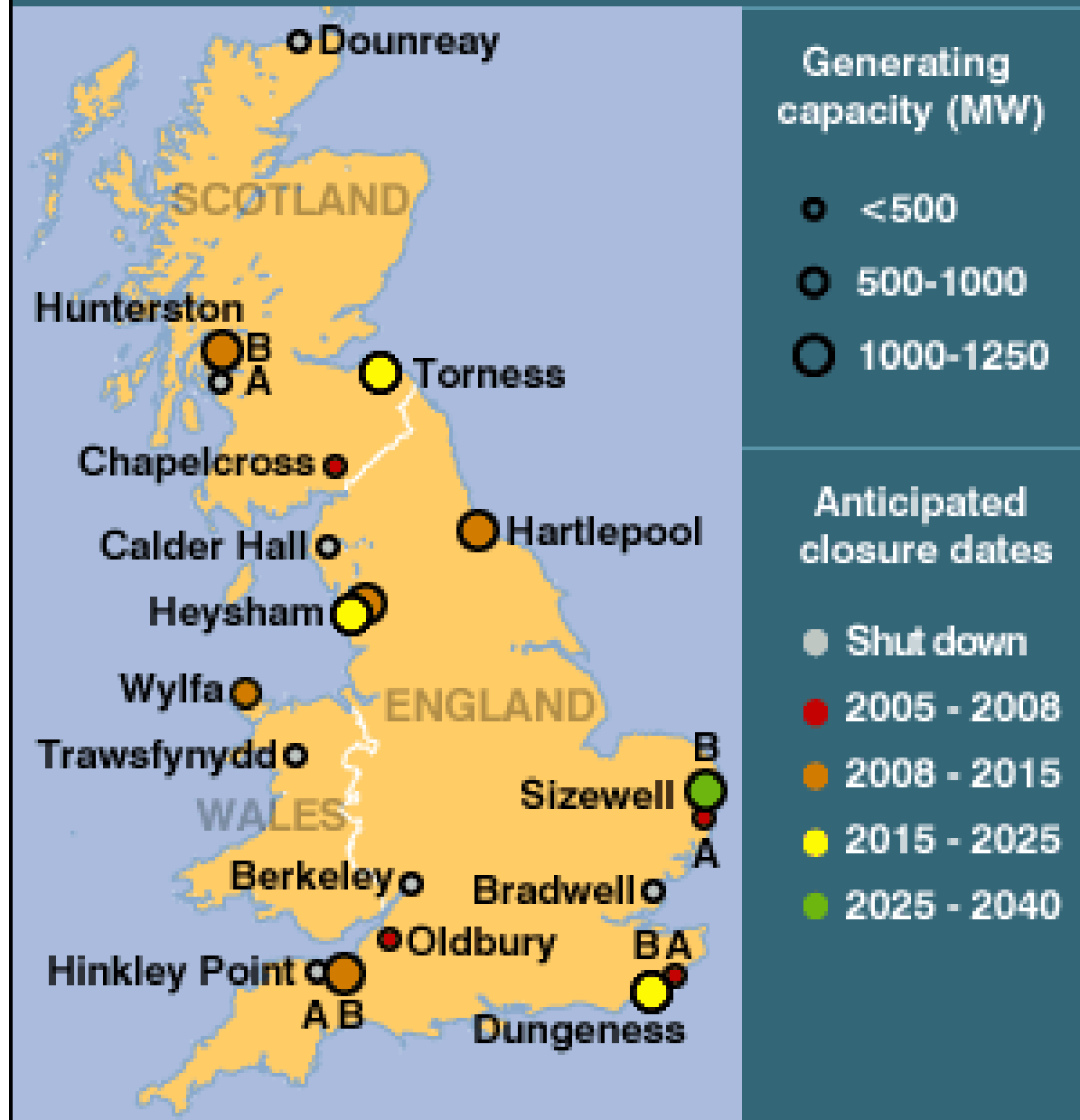


How energy secure is the UK?

Use the resources and the websites and your own research and answer the question in no more than 1500 words.

Make sure that you reference ALL sources used.

UK NUCLEAR POWER STATIONS



- G8 oil crisis
- <http://news.bbc.co.uk/1/hi/business/7442170.stm>
- Excellent site for whole of energy topic
- <http://www.ft.com/indepth/energysecurity/>

This could be a news headline related to the UK in the future...

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Learning English - Words in the News

30 December, 2005 - Published 12:10 GMT

Russia and Ukraine gas price row

Talks are continuing today between Russia and Ukraine over gas prices before a Sunday deadline. Moscow has threatened to turn off gas supplies to its neighbour unless Ukraine agrees to pay more than four times as much for the fuel as it does currently. This report from Andrew Walker:



[Listen to the story](#)

Ukrainian politicians **claim** there are **political motives** behind the price rise originally demanded by the Russian energy giant Gazprom. They say Russia is offering much more favourable terms to other former Soviet Republics. Russian officials **insist**

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http://www.oxfordresearchgroup.org.uk/work/global_security/energy.php

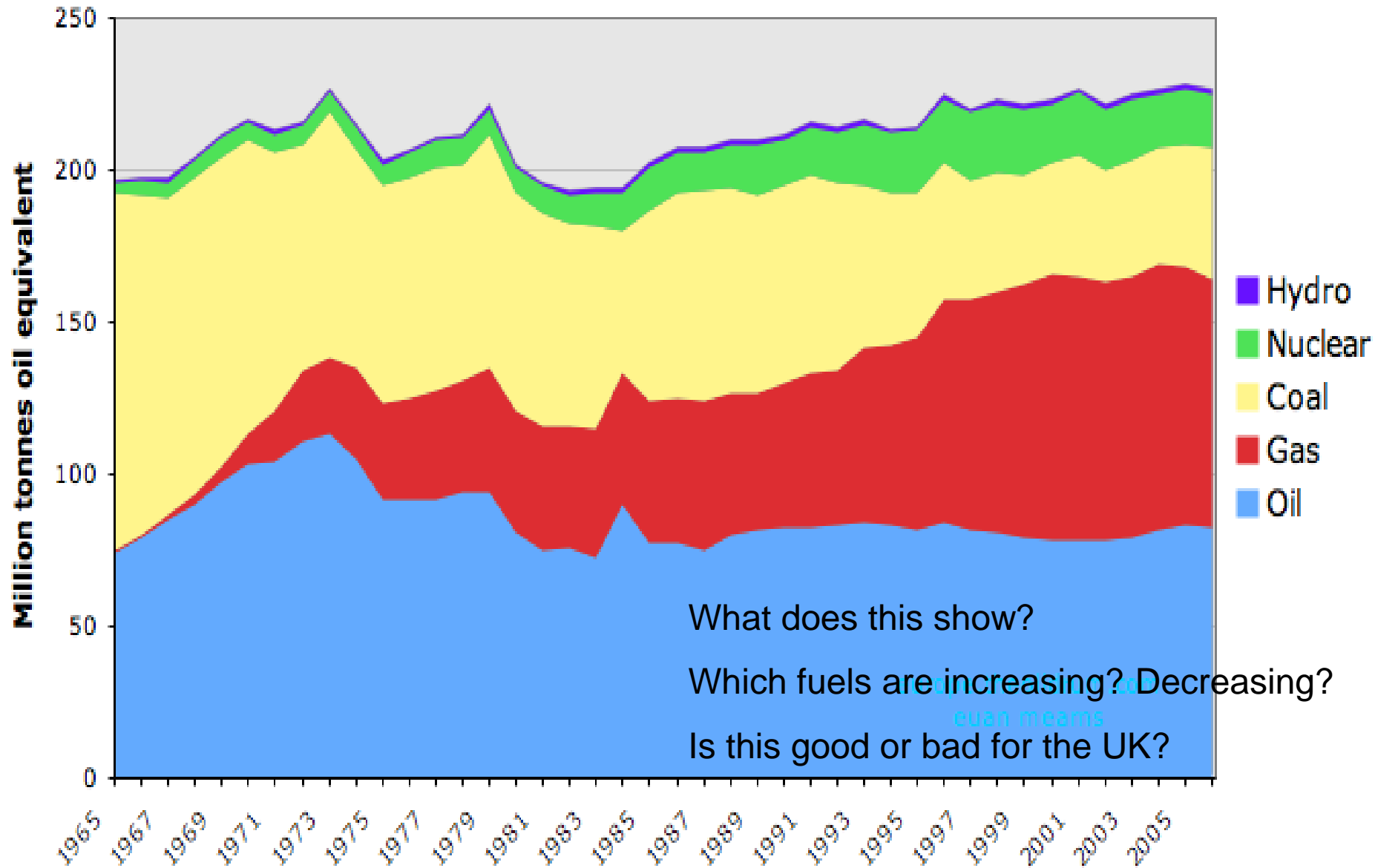
UK energy security

- Increasing energy imports from insecure areas
- Increasing trade deficit



- In 2006, 92% of the primary energy consumed in the UK was derived from fossil solar fuels - oil, natural gas and coal.
- Not so long ago the UK was self sufficient in these energy resources but now we are importing increasing amounts of all three.
- Dependency upon imported energy undermines UK national security and will have potentially dire consequences for the balance of trade.

UK Primary Energy Consumption



- In 1965 (when BP records begin) 98% of UK primary energy was derived from burning fossil solar fuels for transportation and power generation purposes.
- By 2006, the proportion of fossil solar in the energy mix had fallen marginally to 92% - largely due to an increase in nuclear energy.
- In this period, the energy mix has changed significantly. In 1965, no natural gas was used. But with the discovery and development of offshore natural gas in the North Sea, the proportion of natural gas in the UK energy mix has increased steadily since 1968 largely at the expense of burning coal.
- In 1965, the UK population was 54,350,000 and this had grown to 60,245,000 by 2005
- This equates to 3.6 tonnes oil equivalent per person per annum in 1965 and 3.8 tonnes oil equivalent per person per annum in 2005.