

# Nuclear

# answer

## NUCLEAR POWER STATIONS

That create radioactive waste, which remains lethal for up to a million years.

That cost £3 - 4.8 billion each to build.

That would only cut CO<sub>2</sub> emissions by 4 million tonnes by 2020.

That keep being shut down due to safety problems.

That will cost the taxpayer over £73 billion in decommissioning and clean up costs.

That can take 7, 8, 9, ? years to build.

That can only ever be built where there is enough water for cooling, e.g. by the sea.

That can only ever use nuclear fuels.

That can only ever generate electricity.

That sounds like the wrong answer.

## COMBINED HEAT AND POWER PLANTS

That recycle waste (heat), by supplying it to heat homes and to use in industry.

That could cost less than £1 billion each to build.

That would cut CO<sub>2</sub> emissions by 7 million tonnes by 2020.

That could help secure the UK's energy supply by halving gas imports.

That could save British industry almost £1 billion a year in reduced energy costs, through more efficient use of fuel.

That can be built in as little as 3 years.

That can be built on existing industrial sites, close to the demand for heat.

That can use both fossil fuels and renewable sources such as biogas.

That could generate 13 gigawatts of electricity, (equivalent to 8 nuclear power stations), and nearly 10 gigawatts of heat energy, from just 9 sites.

That sounds like the right answer.

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To find out how Combined Heat and Power can help the UK as part of an overall greener energy solution visit [greenpeace.org.uk/answer](http://greenpeace.org.uk/answer)