

Where does our energy come from?

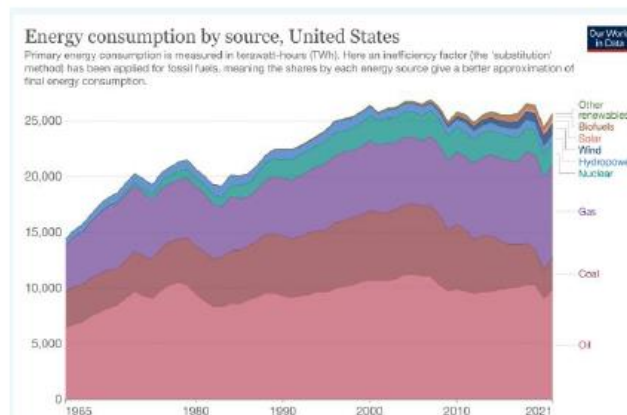


Vocabulary	Definition
renewable energy	Energy that does not reduce in quantity when it is used.
non-renewable energy	Energy that cannot be replenished and will eventually run out.
fossil fuel	A material formed from the remains of plants and animals over millions of years.



Case Study = The United States

The United States relies heavily on fossil fuels as energy sources, particularly gas and oil. Solar power and biofuels have only recently been introduced as an energy source. Wind power is the most popular source of renewable energy. The use of coal to generate energy is declining, while reliance on gas is increasing.



Where does our energy come from?

Renewable



hydropower

Energy generated by the movement of water.



wind power

Energy generated by wind powering large turbines.



geothermal energy

Energy generated by the heat from the Earth's core.



solar power

Energy generated by the sun and solar panels.



biofuel

Energy generated from plant or animal waste.

Non-renewable



coal

A black rock found deep underground which is used as fuel.



crude oil

A naturally occurring liquid made millions of years ago, found underground.



nuclear power

Energy generated from radioactive materials that create heat.



natural gas

A highly-flammable mixture of gases found deep underground.

Task

Research what the UK's main sources of energy are. Has it always been like this? What were the UK's main sources of energy 50 years ago?

Make a short presentation or fact file.