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| **Alternating current** | An electric current that reverses direction many times a second. |
| **Biofuel** | Renewable fuels made from plants. |
| **Conserved** | When something is saved. |
| **Contamination** | Having a radioactive material inside the body or on skin or clothing. |
| **Current** | A flow of charge |
| **Decommission** | Taking a power station out of service at the end of its lifetime |
| **Efficiency** | The percentage of useful energy transferred |
| **Electromagnetic induction** | When a changing magnetic field creates a current in a conductor |
| **Energy cost** | Total energy used to make and transport a product |
| **Energy source** | Something we can get energy from. |
| **Fossil fuel** | A non-renewable fuel made over millions of years from the remains of plants or animals. |
| **Generator** | A device that uses movement to make electricity. |
| **Hydro-electric** | A way of making electricity from falling water. |
| **Irradiation** | Being exposed to an external radioactive source. |
| **Joule** | The unit of energy. |
| **Kilowatt-hour** | A unit of electricity used. |
| **National grid** | The network of power lines that take electricity from the power stations across the country. |
| **Nuclear reactor** | Where nuclear radiation makes heat in a power station. |
| **Passenger-kilometre** | A passenger's share of energy used to travel 1km. |
| **Power** | Rate of doing work or rate of energy transfer. |
| **Primary source** | A source of energy not made from any other source. |
| **Radioactive** | A material that produces nuclear radiation. |
| **Renewable energy sources** | Resources that can be used to generate electricity without being used up. |
| **Sankey diagram** | A diagram showing energy transfers in a device. |
| **Secondary source** | A source of energy that is made from another source. |
| **Solar power** | Energy from the sun. |
| **Sustainable** | Responsible use of energy sources to ensure their long term availability. |
| **Thermal** | Heat energy. |
| **Tidal power** | Using the tides to make electricity. |
| **Transformer** | A device that changes the voltage. |
| **Turbine** | Rotating blades. |
| **Voltage** | How much 'push' a battery has or the difference in potential between two points in a circuit. |
| **Watt** | The unit of power. |
| **Wave power** | Using waves to make electricity. |
| **Wind farm** | A collection of wind turbines where wind is used to make electricity. |