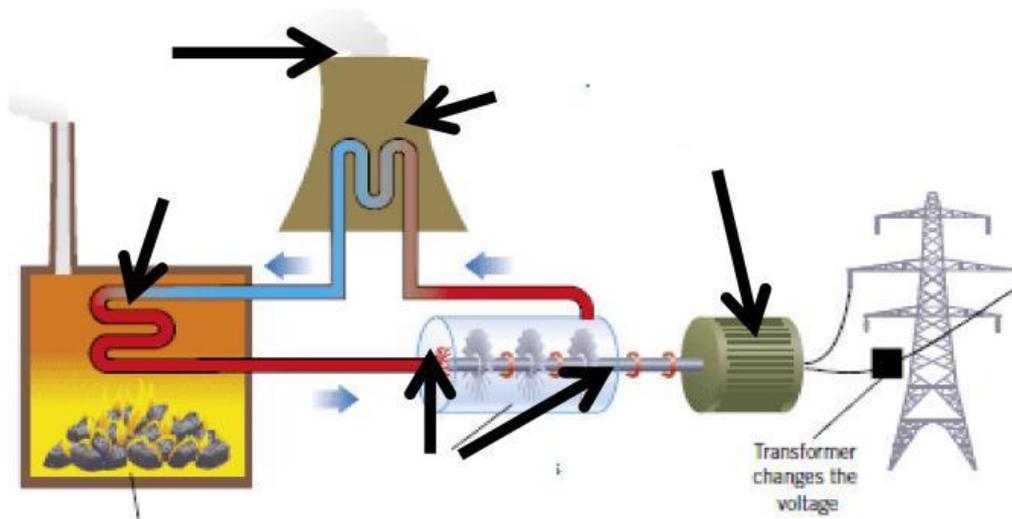


A thermal power station



turbine / steam / boiler / generator / cooling tower

Energy transfers in a thermal power plant

Part of power station	What happens here?	What energy transfer happens here?
furnace 	Coal is _____	<div style="border: 1px solid gray; padding: 5px; display: inline-block;">_____ energy in the coal</div> → <div style="border: 1px solid gray; padding: 5px; display: inline-block;">_____ energy</div>
boiler 	Water is heated and turned into _____	<div style="border: 1px solid gray; padding: 5px; display: inline-block;">_____ energy</div> → <div style="border: 1px solid gray; padding: 5px; display: inline-block;">_____ energy of the moving steam</div>
turbine 	Steam _____ on the blades of the turbine and turns it around.	<div style="border: 1px solid gray; padding: 5px; display: inline-block;">_____ energy of the moving steam</div> → <div style="border: 1px solid gray; padding: 5px; display: inline-block;">_____ energy of the turbine</div>
generator 	A coil is _____ inside a magnetic field and an electric _____ is produced.	<div style="border: 1px solid gray; padding: 5px; display: inline-block;">_____ energy of the moving coil</div> → <div style="border: 1px solid gray; padding: 5px; display: inline-block;">_____ energy in wires</div>

Use these words – they may be used more than once

pushes / kinetic / heat (or thermal) / turned / electrical / burned / steam / current / chemical