

Sankey Diagrams

1. The Sankey diagram shows the energy input from fuel that is eventually converted to useful domestic energy in the form of light in a filament lamp. What is true for this Sankey diagram?

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2. The Sankey diagram represents the energy flow for a coal-fired power station. What is the overall efficiency of the power station?

30%

3. An electric motor is used to lift a heavy load. The Sankey diagram, drawn to scale, shows the energy transformations involved in the process.

50%