



Methods of Generating Electricity

Study*ladder*



Biomass



Geothermal



Solar



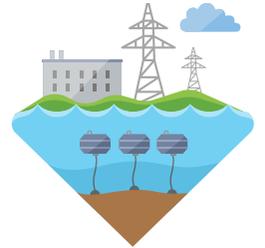
Wind



Hydroelectric



Nuclear



Wave



Coal



Tidal

How is electricity generated?

Coal Power: Coal is burned to provide heat for steam-driven turbines.



Nuclear Power: Nuclear fission generates the heat for steam-driven turbines.



Grohnde, a nuclear power plant in Germany.

Biomass Power: Waste organic material from agriculture is burned to provide heat for steam driven turbines.



Geothermal Power: Turbines are fueled by heat that comes from under the ground.



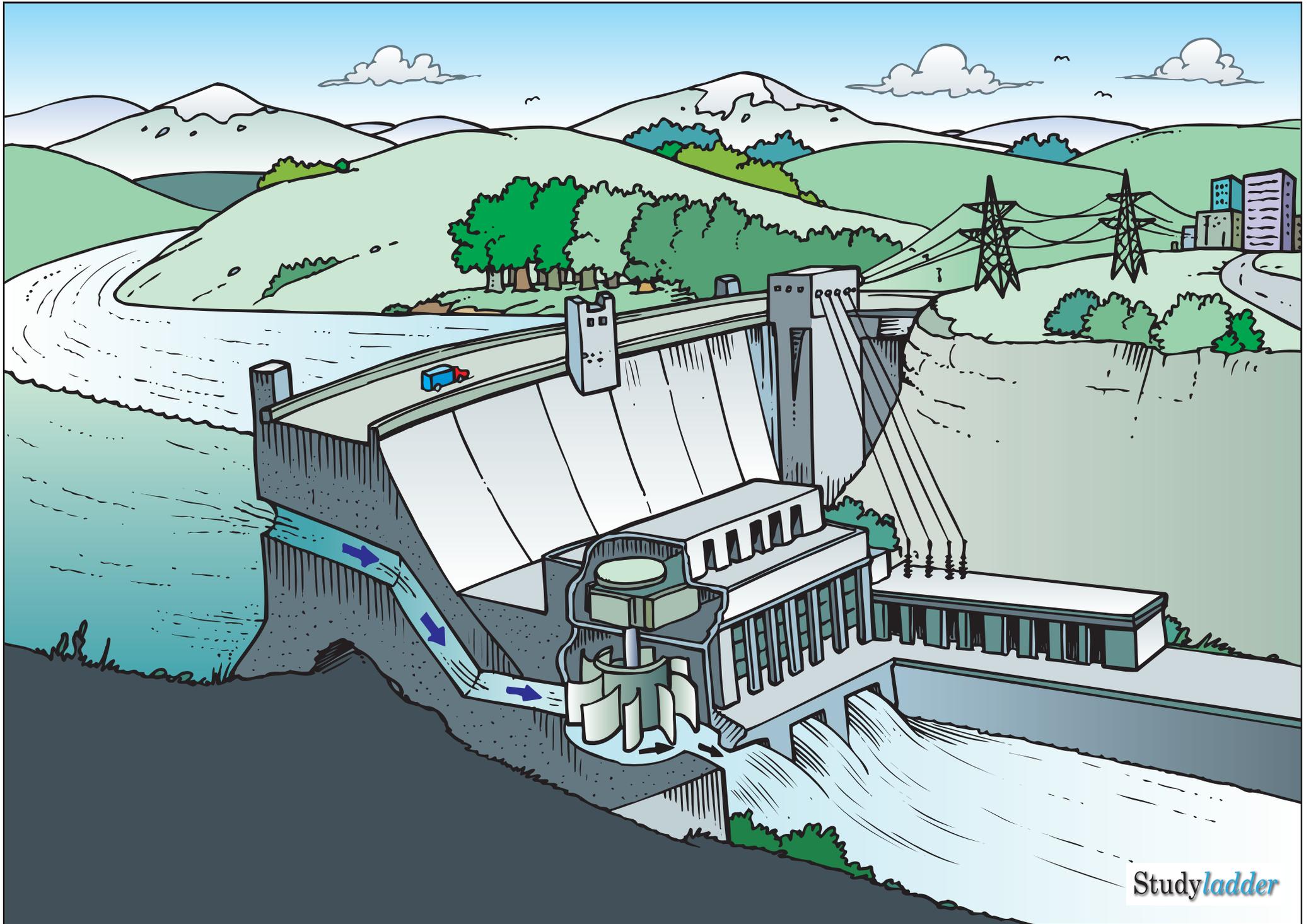
Solar Power: Energy from the sun is converted by solar cells into electricity.



Wind Turbine Power: Electricity is generated in wind-driven turbines.



Hydroelectric Power: Water-driven turbines generate hydroelectricity.



Wave Power: Energy convertors use rising and falling ocean swells to generate electricity



Tidal Power: Turbines generate power using the movement of tidal water.

