The Kariba Dam Hydroelectric Energy Project

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Hydroelectric Energy Project

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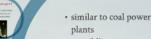




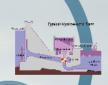
Hydroelectric Power Plants







 uses falling water from dams to spin turbines







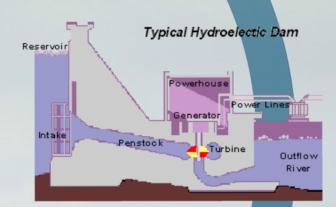
Hydroelectric Power Plants

Advantage #1

 practical for generating electricity for poor or remote communities



- similar to coal power plants
- uses falling water from dams to spin turbines



Power Plant Process

- 1. Pen stock-directs the flow of water
- 2. Turbines-powered by movement of flowing water
- 3. Turbine Shaft- connects turbine to generator
- 4. Generator-produces electricity
- 5. Spillway-releases the water





