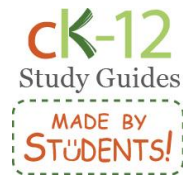


Geothermal Power



Geothermal Power

- **Geothermal power** uses the heat from the Earth to heat up water and spin turbines, generating electricity.
- Geothermal energy is a clean and safe form of energy that can be used anywhere around the world.

Study Tip

Due to the abundance of hot rocks in the Earth's interior, geothermal power can be used almost anywhere on Earth.

Geothermal Plants

- Engineers can use a **geothermal well** such as a geyser or a hot spring to build **geothermal plants** that can harness the Earth's natural energy.
- In a geothermal power plant, a turbine is placed over a geothermal well. Whenever water or steam comes to the surface, the turbines spin and create energy.
- When there isn't a geyser or a hot spring in an area, engineers can drill into the Earth in order to find hot rock. Water is then pumped down to the hot rock, creating a geothermal well.



Concept Check

- What are the benefits of using geothermal power?
- Can you think of any consequences that can arise from using geothermal power?