

Power Resources of India

Chapter 14: Power Resources of India · Topic 1

Key Concept

Thermal power, generated mainly from coal, remains India's largest source of electricity, though it contributes significantly to pollution.

Hydroelectric power, generated from dams like Bhakra Nangal, provides a renewable energy source utilising India's river systems.

Nuclear power, generated from nuclear reactors, provides a significant, though smaller, contribution to India's electricity generation.

Renewable resources, like solar and wind power, are rapidly growing in India, given abundant sunlight and coastal wind patterns.

Quick Revision Notes

- Thermal power comes mainly from coal.
- It's India's largest electricity source.
- It contributes significantly to pollution.
- Hydroelectric power comes from dams like Bhakra Nangal.
- It's a renewable energy source.
- Nuclear power comes from nuclear reactors.
- It's a smaller but significant contribution.
- Solar and wind power are rapidly growing.

Practice Questions

- 1 Discuss why thermal power dominates India's electricity.
- 2 Research the Bhakra Nangal Dam.
- 3 Explain why solar power is growing in India.
- 4 Discuss the pollution concerns with thermal power.
- 5 Research a wind power project in India.
- 6 Create a chart comparing India's power sources.