

Tender Heart High School

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Chapter 6 (continue)

Hydroelectricity

Electricity generated from the force of water falling from a height is called Hydroelectricity.

- It is a renewable source of energy and it is also environment friendly.

Geographical Factors responsible for low production of Hydel power

- Most rivers in India is rainfed.
- Many rivers in India ^{don't} have waterfalls, so dams has to be built. It requires huge amount of capital.
- The sites suitable for generating hydroelectricity are located away from consuming centres.

Multipurpose projects of India

- These projects are known as temples of modern India.
- It is a large scale hydroproject that includes dams for storing water, canals for transporting water and pipelines to supply water to cities and ^{for} power generation.

Benefits of Multipurpose river projects

- It is used to generate electricity.
- It provides water for irrigation.
- It helps to control flood.

- It supplies water for domestic use.
- It provides habitat for fish breeding.
- It helps in inland navigation.
- It provides space for recreation activities.