

Salal Dam

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Salal Dam Latest News

Authorities recently opened all gates of the Salal Dam in Jammu and Kashmir's Reasi district after heavy rainfall triggered a sharp rise in water inflow into the Chenab River and the dam reservoir.

About Salal Dam

- The Salal Dam, also known as **Salal Hydroelectric Power Station**, is a **690 MW run-of-the-river** power project on the **Chenab River** in the Reasi District of **Jammu and Kashmir**.
- Though the dam was first conceptualized in 1920, the construction commenced in 1970 and subsequently entered into **commercial operation** in **1987**.
- This was the **first hydropower project**, which was **built by India under the Indus Water Treaty** regime in Kashmir.
- The project is developed and owned by **National Hydroelectric Power Corporation (NHPC)**.
- **Dam Features:**

- It is an **embankment dam** constructed primarily from **locally sourced materials**, which include **gravel, sand, and clay**, demonstrating a **high thermal mass** that aids in the regulation of temperature fluctuations within the structure.
- The dam's height of 100 meters and length of 1,200 meters creates a reservoir with a capacity of approximately 1,200 million cubic meters.
- **Power Distribution:**
 - **Jammu and Kashmir receives 12.5 percent of the energy** generated from the project.
 - The **rest is transmitted** to the **Northern Grid**, where it is distributed to the states of **Punjab, Haryana, Delhi, Himachal Pradesh, Rajasthan, and Uttar Pradesh**.
 - **Jammu and Kashmir** also purchases **additional power at regular prices**.

News: DD

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