

Kirthai-II Hydroelectric Project

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Kirthai-II Hydroelectric Project Latest News

A year after placing the Indus Water Treaty (IWT) in abeyance, the government recently revived the long-stalled Kirthai Stage II Hydroelectric Project on the Chenab river in Kishtwar district of Jammu and Kashmir.

About Kirthai-II Hydroelectric Project

- It is a **930 MW** hydropower project planned on the **Chenab River** in the Kishtwar district of **Jammu and Kashmir**.
- The project is being developed by **Chenab Valley Power Projects**.
- **NHPC and Jammu and Kashmir State Power Development** currently own the project having ownership **stakes of 51% and 49%, respectively**.
- It is a **run-of-river project**. The hydro reservoir capacity is planned to be 51.26 million cubic meters.
- It is designed to include a 121 m-high **concrete gravity dam**, a 4.29 km-long headrace tunnel, an 840 MW **underground powerhouse**, and a 90 MW dam toe powerhouse.

Key Facts about Chenab River

- It is a **tributary of the Indus** River.
- **Origin:**
 - It is **formed by the confluence of two streams, Chandra and Bhaga**, in the Lahaul and Spiti Districts of **Himachal Pradesh**.
 - In its **upper reaches**, it is also **known as the Chandrabhaga**.
 - It **flows through the Jammu and Kashmir** union territory, **Himachal Pradesh**, and **after receiving the Jhelum River near Trimmu**, the Chenab **empties into the Sutlej River**.
- **Major Tributaries:**
 - Left Bank: **Niru, Tawi, Neeru, and Liddrari**
 - Right Bank: **Ans, Bhut Nalla, Bichleri**, Kalnai Marusudar, and Miyar Nalla.
- **Major Dams** on Chenab River: **Salal (rockfill dam), Aalal (concrete dam), Baglihar, and Dul**.

Source: **SW**

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