

## Wangchu Hydroelectric Project

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### Wangchhu Hydroelectric Project Latest News

The Adani Group recently commenced the 570 MW Wangchhu Hydro Electricity Project in Bhutan.

### About Wangchhu Hydro Electricity Project

- It is a **570 MW run-of-river** hydropower project being built on the **Wangchu River/basin in Chukha District, Bhutan**.
  - The Wangchu River (also called Raidāk River in India) is a significant **tributary of the Brahmaputra River**.
- It is being **developed by Wangchhu Hydroelectric Power Limited (WHPL)**, a joint venture company formed by **India's Adani Power Limited (APL)** and **Bhutan's state-owned Druk Green Power Corporation Ltd (DGPC)** following a shareholders' agreement signed in September 2025.
  - **DGPC holds** a controlling **51%** stake in the venture, with **Adani Power** owning the remaining **49%**.
- This project will involve an investment of ₹6,000 crore. It will be implemented on a **build, own, operate, and transfer (BOOT) basis**.

- The facility will function as a peaking run-of-river plant, helping Bhutan manage seasonal fluctuations in hydropower generation.
- The facility will feature four turbines, each rated at 142.5 MW, producing roughly 2,478.93 GWh annually.
- The Wangchu Project will **meet Bhutan's electricity demand during winters. Power generated in the summer** season will be **exported to India.**

**Source: TOI**

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