

Lower Arun Hydroelectric Project

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Lower Arun Hydropower Project Latest News

Patel Engineering recently won a Rs 1,593.08 crore contract for the Lower Arun Hydroelectric Project in Nepal.

About Lower Arun Hydropower Project

- It is a **679 MW run-of-river project** planned on the **Arun River** (a **tributary of the Koshi River**) in the Sankhuwasabha and Bhojpur districts of **Eastern Nepal**.
- The project will be built **under the build, own, operate, and transfer (BOOT) model**.
- The project is being **developed by Investment Board Nepal and SJVN** (a **Central Public Sector Enterprise under the Ministry of Power, Government of India**).
- This is the **second project awarded to SJVN in Nepal**, the **first one being the 900 MW Arun 3 Hydro Electric Project** in Sankhuwasabha District.
- The project **will not have any reservoir or dam** and will be a **tailrace development of the Arun-3 hydro project**, which will mean **water re-enters the river for the Lower Arun project**.
- On completion the Project will generate 2970 million units of electricity per annum.

Key facts about Arun-3 Hydropower Project

- It is a **900 MW run-of-the-river** hydropower project being developed on the **Arun River** in Sankhuwasabha District in **Nepal**.
- It will include the construction of a 70 m-tall and 466 m-long **concrete gravity dam**.
- Once completed, it will be the **biggest hydroelectric facility in Nepal**. It will produce 4,018.87 million units of electricity a year.
- **SJVN Arun-III Power Development Company (SAPDC)**, a **wholly owned subsidiary of India's Satluj Jal Vidyut Nigam (SJVN)**, is developing the project on a **build-own-operate-transfer (BOOT) basis**.
 - **SJVN** is a **joint venture** between the **Government of India** and the **Government of Himachal Pradesh**.
- **SAPDC** will **operate the facility** for a period of **25 years**, excluding the construction period of five years, **before transferring the ownership to the Nepal** government.
- The project will **provide surplus power to India**, strengthening economic linkages with Nepal.
 - The power from the project shall be exported from Dhalkebar in Nepal to Muzaffarpur in India.

Source: **DEVD**

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