

Press Release: Texmaco successfully commissions a part of Subansiri Lower Hydroelectric Project

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Texmaco successfully commissions part of Subansiri Lower Hydroelectric Project

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Texmaco Rail & Engineering Limited has successfully commissioned a part of the first unit of 250 MW of the hydro mechanical equipment package contract worth Rs 350 crore for the Subansiri Lower Hydroelectric Project.

This is India's largest hydro project till date. The first high head submerged Radial Gate was made operational on 5th April 2023, followed by two more radial gates on April 25. These radial gates are one of the country's largest spillway radial gates in terms of hydraulic capacity, size, and weight. Texmaco won the contract for the Subansiri Lower Hydroelectric Project in 2006 after competing against international bidders such as TechnoPromt Export (Rus-

sia), Andritz (Austria), and Alstom (Portugal). The company emerged as the lowest bidder with a considerable margin. The Subansiri Lower Hydroelectric Project had been suspended from 2011 to 2018 due to agitation by social and environmental activists in Assam and Arunachal Pradesh. However, after environmental impact studies conducted by IIT Guwahati and the Ministry of Environment, the National Green Tribunal gave the nod to the project in July 2019. Construction was resumed in October 2019, despite setbacks due to the COVID-19 pandemic.

The power generation project consists of 8 units, each with a capacity of 250 MW. The project is scheduled to be commissioned in two phases. The first unit, with a capacity of 250 MW, is expected to

be commissioned by June 2023, and it will start generating power at that time. The remaining seven units are scheduled to be commissioned gradually, with the final one coming online by June 2024, and once they are all fully operational, the project will be able to generate power at full capacity.

The Subansiri Lower Hydroelectric Project, located at the Subansiri River that serves as the border between Arunachal Pradesh and Assam, was developed by the National Hydro Power Corporation. It has an impressive generation capacity of 2000 MW, comprising eight 250 MW units. The hydro-mechanical package includes an array of high-end steelwork, such as submerged radial gates, spillway bulkhead gates, draft tube gates, intake gates, trash rack panes, and diversion tunnel gates.

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Texmaco builds country's largest spillway radial gates for Subansiri hydropower project

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Kolkata, Apr 28 (PTI) City-based Texmaco Rail & Engineering Limited on Friday said it has completed the largest spillway radial gates in the country for the 2000 MW Subansiri Lower Hydroelectric Project.



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