

SolarInnovate Energy Solutions

Nepal s new energy storage power station



Overview

This pioneering project is set to transform industrial energy use by replacing polluting diesel generators with a large-scale battery storage system powered by solar energy. When will Nepal's largest energy storage project be completed?

The project said the overall construction is set to be completed by May 2026. The project will be one of Nepal's biggest storage-type projects, with an estimated annual energy generation capacity of 587.7 GWh for the first 10 years and 489.9 GWh from the 11th year. During the dry season, the project can generate energy for six hours daily.

How many storage projects are there in Nepal?

Nepal has only two storage projects—Kulekhani I (60 MW) and Kulekhani II (32 MW). The project, which will be Nepal's third storage type, is 150 km west of Kathmandu on the Seti river near Damauli in the Tanahun district. Shyamji Bhandari, project chief, said grouting is being done in the lower level area of the main dam under package 1.

How much does the Nepal Electricity Project cost?

The government and the Nepal Electricity Authority will use their money to build the infrastructure during pre-construction. The project is estimated to cost \$505 million, and the Nepal government will contribute \$86 million.

What is the financial progress of Kulekhani project in Nepal?

Divided into three packages, the overall financial progress of the project is 58 percent. Nepal has only two storage projects—Kulekhani I (60 MW) and Kulekhani II (32 MW). The project, which will be Nepal's third storage type, is 150 km west of Kathmandu on the Seti river near Damauli in the Tanahun district.

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Applications



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