

## SolarInnovate Energy Solutions

# New energy storage project in Nepal



## Overview

---

Gham Power, in collaboration with Practical Action and Swanbarton, has been awarded a project by the United Nations Industrial Development Organisation (UNIDO) to install one of Nepal's largest energy storage systems, with a total battery capacity of 4MWh. 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.

Where is Tanahu Hydropower Project located?

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. Post Photo  
The 140-megawatt Tanahu hydropower project in the Tanahun district has achieved 63 percent physical progress, raising hopes of power production by its stipulated completion deadline of May 2026.

Will Tanahu Hydropower Project be completed by May 2026?

The 140-megawatt Tanahu hydropower project in the Tanahun district has achieved 63 percent physical progress, raising hopes of power production by its stipulated completion deadline of May 2026. Divided into three packages, the overall financial progress of the project is 58 percent.

## New energy storage project in Nepal

---



### Grid resilience through intelligent photovoltaics and storage in Nepal

Mar 25, 2025 · Nepal is advancing with the adoption of intelligent solar storage technologies and this project implements a smart solar micro-grid at the Laxmi Steel Factory in Sunwal. The ...

---

### Securing Nepal's Energy Future: A Blueprint for Reliable ...

Apr 17, 2025 · Introduction Nepal's electricity sector is at a pivotal juncture, poised for transformative growth yet grappling with persistent challenges. With an installed capacity of ...



### Unlocking Nepal's Energy Future: The Role of Storage Projects

Jul 13, 2025 · The Government of Nepal has announced the National Energy Crisis Mitigation policy and Electricity Development Decade (2016-2026) as part of its energy diversification ...

## Mitigating the current energy crisis in Nepal with renewable energy

Dec 1, 2019 · The recent policies and investment initiatives of the Nepalese government to support green and sustainable energy are discussed. Furthermore, a long-term outlook on the ...

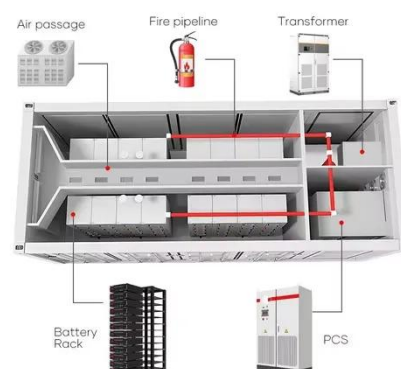


???? ??????? ??????????? ???????

Mar 4, 2025 · The Nepal Electricity Authority is going to prioritize the construction of pumped storage hydroelectric power projects for the energy security of the country due to fluctuations ...

## Unlocking Nepal's Energy Future: The Role of Storage Projects

Jul 13, 2025 · Of the projects in the pipeline, the Tanahun Storage Hydropower Project (140 MW) being built by the Nepal Electricity Authority (NEA) is under construction and is expected to be ...



**NEA Will Construct Pump**

## Storage Hydropower Project On ...



Mar 3, 2025 · The Nepal Electricity Authority is prioritizing the construction of pumped storage hydropower projects to address fluctuations in electricity demand at different times of the day ...

---

## Contact Us

For catalog requests, pricing, or partnerships, please visit:  
<https://www.institut3i.fr>