

## SolarTech Power Solutions

# Bhutan Centralized Energy Storage Project



## Overview

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Nestled in the Himalayas, the Thimphu energy storage project is a cornerstone of Bhutan's renewable energy strategy. Situated near the capital city of Thimphu, this initiative aims to stabilize the national grid while supporting the country's ambitious carbon-neutral goals.

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staff 11/23/2024 HEADLINE STORIES Leave a comment 2,099 Views On 19th November, a Memorandum of Understanding (MoU) for 5,000 MW of clean energy projects was signed in Thimphu between the Managing Director (MD) of Druk Green Power Corporation (DGPC), Dasho Chhewang Rinzin, and the CEO and MD of.

National: 19th, November 2024: In a landmark move to strengthen Regional energy security and support the clean energy transition, Tata Power Company Ltd (Tata Power), one of India's largest integrated power companies, has entered into a strategic partnership with Druk Green Power Corporation Ltd.

Media Release: Bhutan Signs MoU with Adani for 5,000 MW Hydropower Development Thimphu, 8 May 2025: The Adani Group and the Druk Green Power Corporation (DGPC) of Bhutan have signed a landmark Memorandum of Understanding (MoU) to jointly develop 5,000 MW of hydropower projects in Bhutan. The MoU.

Bhutan is entering a new era of clean energy with major commitments from Adani, Reliance, and Tata to develop large-scale hydro and solar projects across the kingdom. The combined ventures — including Adani's 570 MW Wangchhu, Tata's 600 MW Kholongchhu, and Reliance's 500 MW solar farm — are set to.

With hydropower providing 80% of its electricity, Thimphu's facing a modern dilemma: how to store surplus monsoon energy for dry winters. The Thimphu

Power Storage initiative, launched in 2023, aims to solve this through cutting-edge battery systems. But wait, isn't Bhutan already carbon-negative?

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The first phase of Bhutan's first utility-scale solar power project at Sephu in Wangdue Phodrang is set for completion by March next year. A utility-scale solar facility generates solar power and feeds it into the grid. The 17.38-megawatt solar farm is expected to generate around 24 million units.

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