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Bhutan is focusing on solar and new energy storage



Overview

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The Hon'ble Lyonpo of the Ministry of Energy and Natural Resources (MoENR) today officially launched the National Energy Policy 2025 (NEP 2025), following its recent approval by the Royal Government of Bhutan. Hydropower has long underpinned Bhutan's economy, contributing significantly to revenue.

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.

Bhutan's National Energy Policy 2025 (NEP 2025), released in June 2025 by the Ministry of Energy and Natural Resources (MoENR), represents a pivotal shift in the country's energy strategy. Titled "Empowering Energy Security & Sustainable Growth," the policy consolidates and supersedes several prior.

In a significant move to diversify its energy sources and enhance national security, Bhutan is embracing solar power. This transition is especially crucial during the dry winter months when the country's hydropower capacity diminishes. By installing solar plants in its western regions, Bhutan is.

Nearly all of Bhutan's electricity comes from its glacier-fed hydropower plants. In a first major step towards diversifying its energy mix, the Himalayan Kingdom initiated a 180-kW grid-tied solar photovoltaic (PV) plant in Wangdue Phodrang district. This pilot project, supported by the Government.

The National Energy Policy 2025 introduces a comprehensive strategy for Bhutan to diversify its energy mix beyond hydropower in response to rising domestic demand, and the need for long-term energy security. While hydropower remains the backbone of Bhutan's electricity generation, the policy.

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