

# **Bhutan 2025 Energy Storage Project**





## Overview

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What is Bhutan's national energy policy 2025?

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.

What is Bhutan's energy security & sustainable growth policy?

Titled "Empowering Energy Security & Sustainable Growth," the policy consolidates and supersedes several prior frameworks, including the Bhutan Sustainable Hydropower Development Policy 2021, Alternative Renewable Energy Policy 2013, Domestic Electricity Tariff Policy 2016, and National Energy Efficiency & Conservation Policy 2019.

What will Bhutan's NEP 2025 entail?

With Bhutan's techno-economically viable hydropower potential at 23,000 MW (from 90 sites outside ecological parks), solar at 12,000 MW, wind at 800 MW, and biomass at 2,700 GWh annually, the NEP 2025 sets ambitious targets: 25,000 MW total generation capacity by 2040, including 15,000 MW hydropower and 5,000 MW solar.

Why is Bhutan Rethinking Power imports in 2022?

To meet the energy supply deficits, particularly during the dry winter season, Bhutan has resorted to power imports from the year 2022, and this is expected to continue until adequate additional firm capacity is developed.



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### [Bhutan's Clean Energy Boom and Future Power Outlook](#)

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### [Bhutan's Solar Energy Roadmap: A Path to Energy Security](#)

Sep 17, 2025 · Bhutan unveils its National Solar Energy Roadmap, leveraging solar plants and renewable energy to bolster energy security and achieve self-sufficiency by 2025.



### [Thimphu Power Storage: Bhutan's Answer to Renewable Energy ...](#)

You know, Bhutan's capital isn't just about dzongs and chili peppers anymore. With hydropower providing 80% of its electricity, Thimphu's facing a modern dilemma: how to store surplus ...



### [Reliance Power to build 500 MW solar project in Bhutan](#)

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