

Bhutan New Energy Site 3 44MWh





Overview

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.

Is Bhutan a green energy exporter?

Market-Oriented Reforms: Establishing a domestic trading platform and regional interconnections (e.g., via Renewable Energy Certificates) positions Bhutan as a green energy exporter, potentially boosting revenues beyond the current 38% electricity share in total energy supply (793 KTOE in 2022).



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Bhutan's Clean Energy Boom and Future Power Outlook

Oct 24, 2025 · 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 ...

Reliance Power enters long-term PPA with Green Digital in Bhutan

May 20, 2025 · Indian power generation company Reliance Power has signed a commercial term sheet for a long-term power purchase agreement (PPA) with Green Digital, owned by Druk ...

Bhutan bets on Adani Power for Wangchhu: Will this 570 ...

Sep 8, 2025 · Adani Power and DGPC sign a 570 MW hydro project deal in Bhutan. Find out how this cross-border energy project could shape India-Bhutan ties.

A Comprehensive Review of Bhutan's National Energy Policy ...

Jul 31, 2025 · Explore Bhutan's transformative National Energy Policy 2025 (approved June 2025): how it consolidates previous energy frameworks into one cohesive NEP, opens ...

Diversifying energy sources beyond hydropower under new energy ...

Aug 9, 2025 · 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 ...

National Energy Policy 2025

Jul 30, 2025 · To address these challenges, the NEP 2025 sets a bold new direction for Bhutan's energy sector, focusing on diversification, modernization and sustainability. The policy aims to ...

Diversifying energy sources beyond ...

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Hydropower sector expands with two new projects set for ...

May 10, 2025 · Bhutan is set to strengthen its renewable energy portfolio with the upcoming commissioning of two key small hydropower projects--Yungichhu and Burgangchhu--by the ...

Adani and Druk Green join forces in Bhutan. 5 GW of green energy ...

May 13, 2025 · Adani Group and Bhutan's Druk Green Power Corporation (DGPC) have signed a strategic agreement to jointly develop hydropower and pumped-storage power plants with a ...

Energy Sector in Bhutan



Jun 4, 2025 · Ministry of Energy & Natural Resources (MoENR) Department of Environment and Climate Change Electricity Regulatory Authority (ERA) Department of Forests and Park ...

Bhutan Expands Renewable Energy Initiatives with Major ...

Oct 7, 2024 · Bhutan has signed a MoU with Reliance Group to develop 1.2 GW of renewable energy, including 500 MW of solar and 770 MW of hydropower, with up to USD 1 billion in ...

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