

# Bhutan wind solar and energy storage by 2025

According to the National Energy Policy released in June 2025, Bhutan aims to expand its total installed capacity to 25 GW by 2040 -- 20 GW from hydropower and 5 GW from solar and wind.

By setting ambitious targets for hydropower expansion, embracing pumped storage, diversifying into solar and other renewables, and fostering strategic partnerships, Bhutan aims to ...

While continuing to honour hydropower, the policy moves decisively toward renewable diversification, energy security, climate resilience, and economic transformation to meet Bhutan's ...

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 ...

Energy Sector in Bhutan Department of Energy Ministry of Energy & Natural Resources June 4, 2025

Initiatives such as solar-powered irrigation, cold storage, milling, and food-processing facilities aim to strengthen agricultural value chains, reduce post-harvest losses, and generate new income streams ...

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

Bhutan's National Energy Policy 2025 is a visionary document that balances tradition with innovation, safeguarding hydropower while embracing renewables for a sustainable future.

India and Bhutan sign MoU to advance solar, wind, hydrogen, and energy storage projects, deepening bilateral clean energy collaboration.

Therefore, it is crucial to not only continue development of hydropower including reservoir/pumped storage integrated with solar energy, but diversify the energy basket by harnessing solar, wind, ...

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