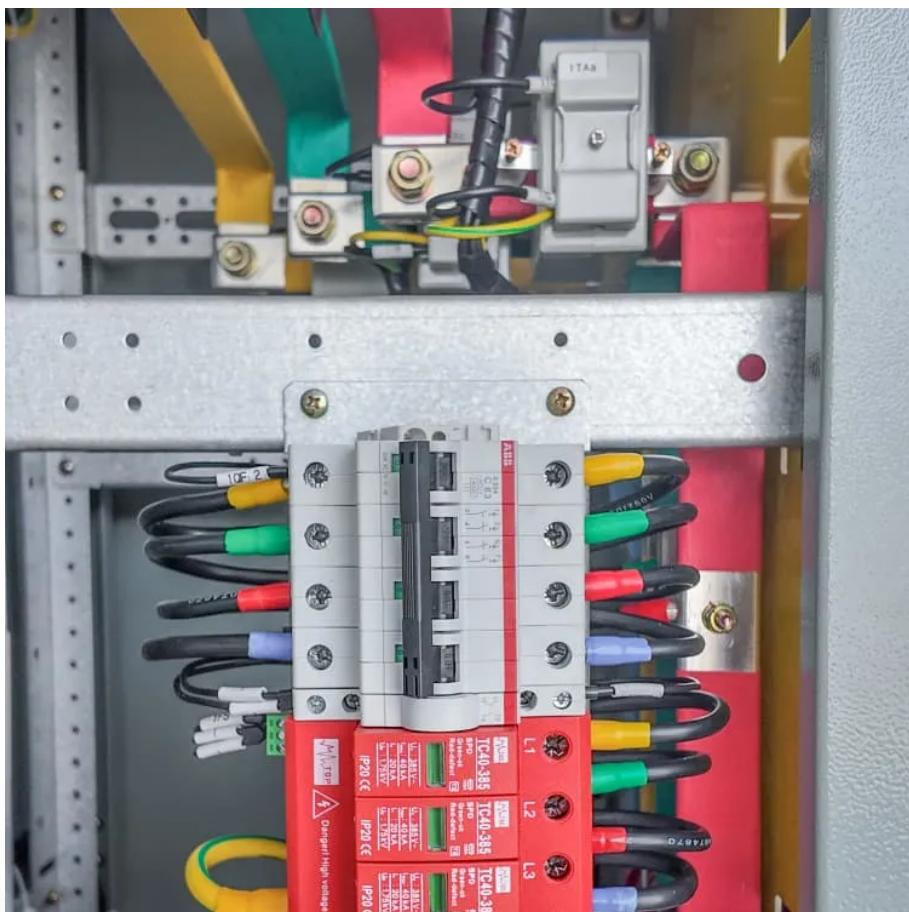




FTMRS SOLAR

# Bhutan downgrades PV module exports





## Overview

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How can Bhutan improve its energy security?

To improve Bhutan's energy security while strengthening resilience to water variation and climate change, it is required to diversify power generation sources and types, including (i) solar farms, rooftop and floating solar, and agrivoltaics; and (ii) storage and pumped storage hydropower and small hydropower. 4 H. Nagai et al. 2017.

Is Bhutan importing power during dry season compared to exporting power?

This suggests that Bhutan is likely to incur higher costs for importing power during the dry season compared to exporting power from Bhutan during the wet seasons. The import price is already higher than the export price at ₹3.3/kWh, which indicates the financial implications and challenges faced by Bhutan.

How much energy can a rooftop solar system generate in Bhutan?

Bhutan's estimated total energy generation potential from rooftop solar system is 3,586 MW, including specific estimates for Thimphu (789 MW) and Paro (206 MW).5 In Thimphu alone, there are 1,521 government buildings suitable for rooftop solar installations, with an estimated capacity of 50 MW.

What is a solar project in Bhutan?

**Project Goals and Approach to Transformational Change:** The project aims to install 30 MW of solar PV and strengthen the regulatory environment to accelerate Bhutan's renewable energy market, fully realising its solar energy plan of 1000 MW as planned by the government in the current five-year plan (2024-2028).



## Bhutan downgrades PV module exports

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### Bhutan Solar PV Cells and Modules Market (2025-2031)

6Wresearch actively monitors the Bhutan Solar PV Cells and Modules Market and publishes its comprehensive annual report, highlighting emerging trends, growth drivers, revenue analysis, ...

### Distributed Solar for Public Infrastructure Project: Sector ...

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### The Business Case for a Solar Factory in ...

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### Bhutan Solar Cell and Module Market (2025-2031) , Trends, ...

Historical Data and Forecast of Bhutan Solar Cell and Module Market Revenues & Volume By Industrial for the Period 2021-2031 Historical Data and Forecast of Bhutan Solar Cell and ...

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### SOLAR DEVELOPMENT ROADMAP

Oct 19, 2022 · INTRODUCTION Bhutan has been at the forefront of clean energy generation in South Asia with hydropower contributing to 99% of total generation. Hydropower generation ...

### Carbon Negative Panels: A Guide to Bhutan's Solar Market ...

Aug 19, 2025 · Discover how solar panel manufacturers in Bhutan can leverage the nation's carbon-negative status to build a premium brand and gain a unique competitive edge.

### Bhutan - Solar Power



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Assessment of solar energy generation potential in Western Bhutan ...

Mar 1, 2025 · To address the growing electricity demand in the country, solar energy can be a diversification of Bhutan's renewable energy to address domestic energy security and global ...

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#### Press Release

Jul 12, 2023 · It is historic, as we lay foundations for the construction of the 17.38MW Sephu Solar PV Project (SSP) today- Bhutan's first large-scale, utility non-hydro renewable energy project.

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Carbon Negative Panels: A Guide to Bhutan's ...

Aug 19, 2025 · Discover how solar panel manufacturers in Bhutan can leverage the nation's carbon-negative status to build a premium brand ...

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