

## SolarTech Power Solutions

# Bhutan s specialty solar panels enter the solar market



## Overview

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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.

Yet a significant competitive advantage may lie not in a solar module's technical specifications, but in the story behind its creation—especially for a venture based in a country with a global identity as unique as Bhutan's. This article explores a business strategy that leverages Bhutan's status.

As Bhutan's glaciers melt and hydropower becomes increasingly vulnerable to climate change, the Kingdom is turning its face toward the sun—literally. With rising temperatures and erratic rainfall threatening its energy lifeline, Bhutan is quietly investing in solar power as a resilient alternative.

The Sephu solar project currently has a capacity of 17.38 MW following completion of phase one of project works. Another 5 MW is expected to come online later this year. Image: Ministry of Energy and Natural Resources of Bhutan  
Bhutan's Ministry of Energy and Natural Resources has inaugurated the.

Bhutan Solar Initiative Project (BSIP) aims towards achieving a sustainable energy supply for Bhutan through alternative renewable energy sources of solar grid integration. About 60 De-suups have been actively involved in this six-month long project and have gained practical knowledge of.

Bhutan's RE Master Plan (2017-2032) identifies 39,462 MW of potential small

hydropower, solar, and wind projects, underscoring the country's commitment to clean energy. The project directly supports the implementation of this Master Plan. Project Goals and Approach to Transformational Change: The.

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