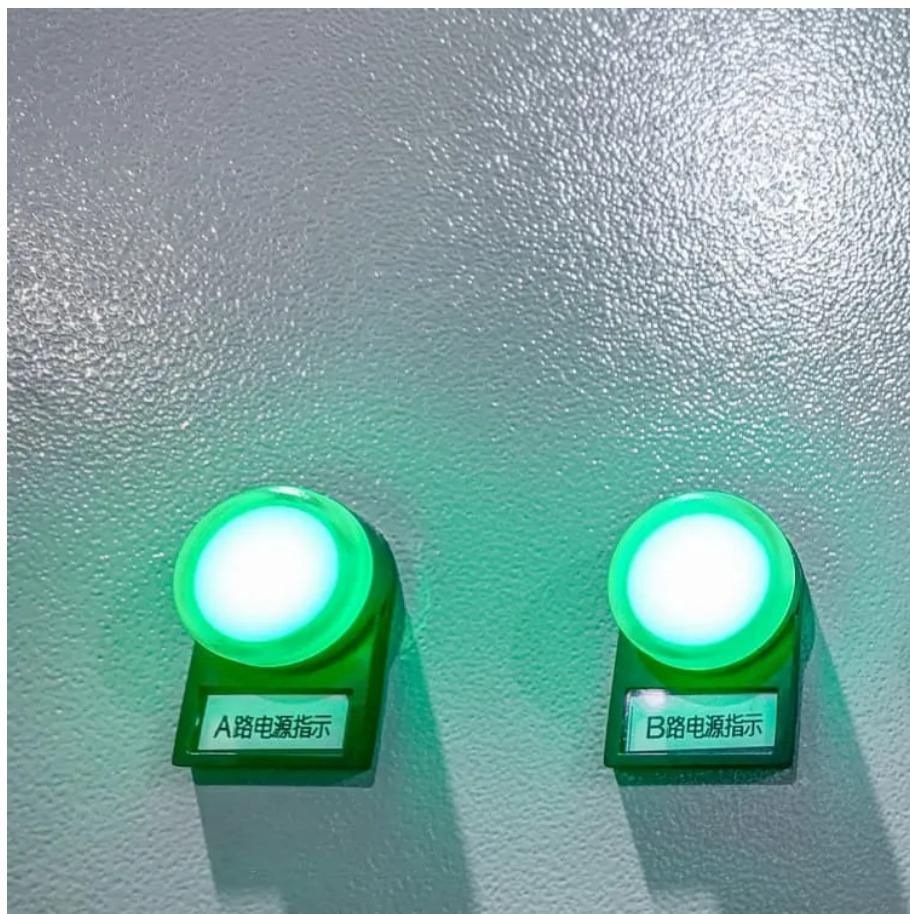




LLSE CONTAINERS

## Bhutan's new solar panels





## Overview

---

How much solar energy will Bhutan produce?

According to the Renewable Energy Management Master Plan 2016, Bhutan has the potential to generate 12 gigawatts of solar power and 760 MW of wind energy. The first phase of the Sephu solar farm is expected to produce 25 million units of energy, enough to power 3,476 households, assuming an average urban household consumes five kilowatts of energy.

How much electricity does Bhutan import?

Despite Bhutan's main energy source being hydropower, the country imports electricity during the winter and lean seasons. From December 2023 to May 13, 2024, Bhutan imported electricity worth Nu 6.07 billion, a significant increase from Nu 1.75 billion in the same period the previous year.

How big is China's first solar farm in Sephu?

The country's first utility-scale solar farm in Sephu, Wangdue, initially planned at 17.38 megawatts (MW), has increased its capacity to 22.38 MW. The project is divided into two phases. The first phase, which involves constructing 17.38 MW, is scheduled for completion by March of next year.

Why did yongtru build a 5 MW solar project?

"Initially, the project was designed to use about 65 acres in Yongtru village but we were able to procure higher-wattage solar panels, significantly reducing both cost and area requirements," Site Engineer Keshab Dhakal said. "We had money and land left, which is why we can now construct an additional 5 MW."



## Bhutan's new solar panels



### [Reliance Power to Build Bhutan's Largest ...](#)

May 19, 2025 · In October 2024, Reliance Power and Reliance Infrastructure joined hands with Bhutan's DHI for a long-term energy partnership. That ...

### [Reliance Power to Build Bhutan's Largest Solar Project](#)

May 19, 2025 · In October 2024, Reliance Power and Reliance Infrastructure joined hands with Bhutan's DHI for a long-term energy partnership. That earlier deal also included a 770 MW ...



### [Bhutan's Biggest Solar Project Yet: A Giant ...](#)

The new solar power plant is Bhutan's largest grid-connected solar project to date. It is spread across 44 acres of land and fitted with around 26,500 ...

### [Sephu solar farm's capacity enhanced to 22.38 MW](#)

Aug 30, 2024 · The country's first utility-scale solar farm in Sephu, Wangdue, initially planned at 17.38 megawatts (MW), has increased its capacity to 22.38 MW. The project is divided into ...

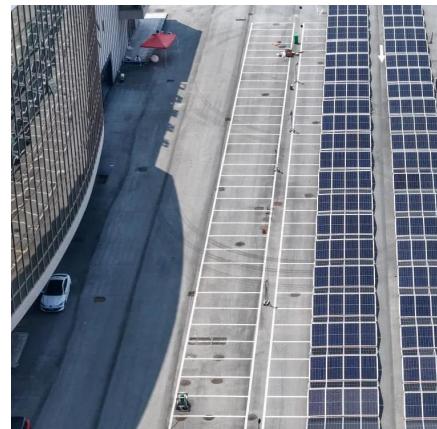


### [Reliance Power Launches 500 MW Solar Project in Bhutan](#)

May 26, 2025 · Discover how Reliance Power is transforming Bhutan's renewable energy landscape with its ambitious 500 MW solar project! Explore the project's goals, impact on ...

### [Bhutan solar project: Stunning 500-MW Reliance Deal Signed](#)

Nov 19, 2025 · The 500-MW solar project is a significant milestone in Bhutan's renewable energy journey. With the technical expertise of Reliance Power and the steadfast support of the Indian ...



### [Sephu solar farm's capacity enhanced to ...](#)

Aug 30, 2024 · The country's first utility-scale solar farm in Sephu, Wangdue, initially planned at 17.38 megawatts (MW), has increased its capacity to ...



## [Reliance Power Launches 500 MW Solar ...](#)

May 26, 2025 · Discover how Reliance Power is transforming Bhutan's renewable energy landscape with its ambitious 500 MW solar project! ...



## [DGPC Ignites Bhutan's Solar Revolution with New Chapter in ...](#)

Nov 22, 2025 · The Distributed Solar for Public Infrastructure Project (DSPIP)--DGPC's first-ever solar photovoltaic (PV) venture--was inaugurated on November 15, 2025, at the Bhutan ...



## [First Phase of Mega Solar Power Project in Wangdue ...](#)

Jul 21, 2025 · In a significant step toward energy self-sufficiency, Bhutan today commissioned the first phase of its largest solar power project, the Sephu Solar Project, in Wangdue Phodrang. ...



## Bhutan's Biggest Solar Project Yet: A Giant Leap Toward ...

The new solar power plant is Bhutan's largest grid-connected solar project to date. It is spread across 44 acres of land and fitted with around 26,500 solar panels.



## Harnessing Bhutan's solar potential with market-driven ...

May 12, 2025 · As a starting point, the project will establish a private sector driven 30 MW solar energy through blended finance mechanisms and a series of policy reforms. This is a ...



## Bhutan solar energy: Stunning Reliance deal for 600 MW

Nov 26, 2025 · Bhutan is set to diversify its energy portfolio with a new solar initiative that will install 1.25 MW of solar power across the country. This project, part of Bhutan's broader ...



## Contact Us

---

For catalog requests, pricing, or partnerships, please visit:

<https://llsolarenergy.co.za>

**Scan QR Code for More Information**



<https://llsolarenergy.co.za>