



Solar power station portable in Bhutan





Overview

Bhutan's Ministry of Energy and Natural Resources has inaugurated the country's first utility-scale solar power plant. The Sephu solar project, located in the town of Wangdue Phodrang towards the centre of the country, occupies around 44 acres (17 hectares) of state-owned land.

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With rising temperatures and erratic rainfall threatening its energy lifeline, Bhutan is quietly investing in solar power as a resilient alternative to secure its future. Bhutan inaugurated its first-ever utility-scale solar photovoltaic (PV) power plant on July 19 in Yongtru village, Sephu Gewog.

Punakha—After months of delays caused by incessant rain and prolonged monsoon, Phase II of Bhutan's first utility-scale solar power plant in Yongtru, Sephu Gewog, is finally online, with both phases now feeding electricity into the national grid and the project preparing for handover to the Druk.

Juniper Green Energy has successfully commissioned a 100 MW solar power plant for Bhutan at the Indore Solar Park in Madhya Pradesh. This landmark project marks Bhutan's first major venture into domestic solar energy and represents a significant step towards achieving its renewable energy goals.

The Department of Energy, MoENR announces the commissioning of Phase I (17.38 MWp) of the Sephu Solar Project in Sephu Gewog, Wangdue Phodrang, marking the launch of the country's first utility scale solar photovoltaic power plant implemented by the Government. Commissioning of the Phase-I of the.

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. The.

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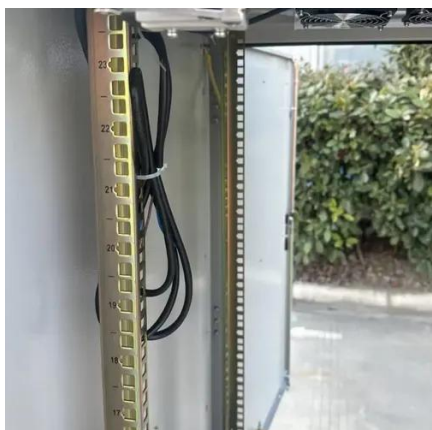


Harnessing Bhutan's solar potential with market-driven solutions

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 ...

[Bhutan commissions first utility-scale solar plant](#)

In March, Juniper Green Energy commissioned a 100 MW solar project in the Indian state of Rajasthan set to supply electricity to ...



Reliance Power and DHI to Build Bhutan's Largest Solar Power ...

Scheduled for completion within 24 months, the solar power project is expected to be operational by May 2027. It will play a crucial role in expanding Bhutan's solar energy ...

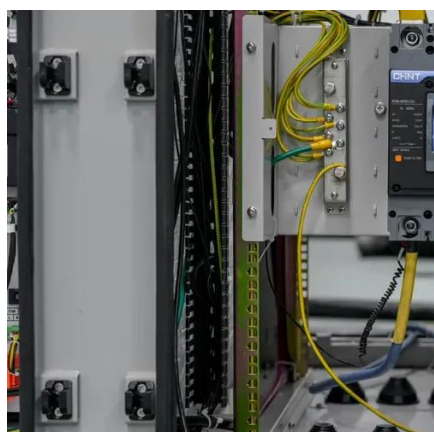
Bhutan's Biggest Solar Project Yet: A Giant Leap Toward Energy ...

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.



Sephu solar farm's capacity enhanced to 22.38 MW - Druk Green Power

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[Juniper Green Energy Launches 100 MW Solar ...](#)

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Solar power is helping Bhutan maintain its carbon-negative status ...

These levels make Bhutan suitable for off-grid PV, rooftop solar, and hybrid systems, especially in places where extending the grid is not practical. If you need to learn more solar power ...



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



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

Reliance Power has secured a crucial agreement for the construction of a 500 MW solar power facility in Bhutan, marking an vital milestone for renewable energy expansion ...

Sephu Solar Project

In keeping with the contract, the contractor has successfully installed and commissioned 17.38 MWp of capacity and commenced ...



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[Bhutan commissions first utility-scale solar plant](#)

In March, Juniper Green Energy commissioned a 100 MW solar project in the Indian state of Rajasthan set to supply electricity to Bhutan under a cross-border power agreement.

[Bhutan's biggest solar project finally powers up](#)

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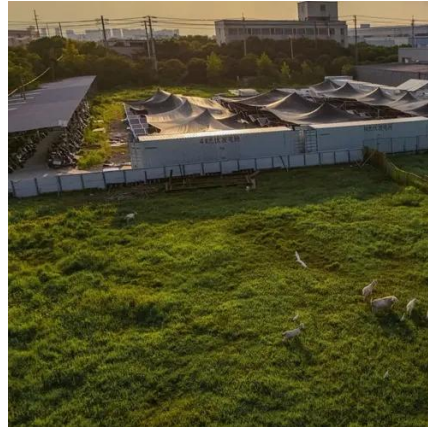
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