

Laos solar module project



Overview

Laos on April 7, 2026, launched the first phase of a 1,000-megawatt solar power project in Oudomxay province, aiming to expand renewable energy capacity and strengthen cooperation with China. Its ambition to become the 'Battery of Southeast Asia' is building a compelling business case for local solar module production. This analysis explores the strategic advantages of establishing a solar module factory in Laos to supply the Greater Mekong Subregion (GMS)—including Thailand, Vietnam. At the end of 2025 there was only one large scale 1,000 megawatt solar power project operating in Laos. Technology GmbH is a German engineering company specializing in turnkey solar module production lines and manufacturing consulting, with project experience ranging from 20 MW to 500 MW per production line, including multi-line and gigafactory projects exceeding this scale. This Solar Report. PVTIME - Recently, a solar frame and mounting system manufacturing project was launched in Vientiane, the capital of Laos, by Alumsun Technology Sole Co. The first phase of the project, with a total investment of 500 million. The grid-connection ceremony for Phase I of the 1GW photovoltaic project at the Northern Laos Interconnected Clean Energy Base, developed by China General Nuclear Power Group, was recently held in Vientiane, Laos. Wang, together with leaders from the Saysettha Development Zone and.



Article Content

Laos-China Railway: Fueling Economic Growth & Connectivity

Discover how the transformative Laos-China Railway project is set to boost Laos' GDP, create thousands of jobs, and redefine regional trade and tourism.

Laos solar energy project

Why is solar power important in Laos? Solar power has improved the livelihoods of local people. For people living off-grid in remote villages in Laos, solar energy offers a clean, sustainable way to bring

Laos Solar Power Projects Info

On 28 October 2025 in southern Laos the provincial government of Attapeu approved a 5 megawatt solar power project to be developed by South Korean firm SBIN Corporation.

Laos photovoltaic panels

solar PV power project. It is planned in Attapu, Laos. According to GlobalData, who tracks and SolarSpace, a China-based PV cell and module manufacturer, announced the first phase of a 5GW

Laos approves feasibility study of floating solar farm

In 2020, Laos also signed a Project Development Agreement (PDA) with China's Hangzhou Safefound Technology Company to develop a floating

Asia Pacific Solar PV News Snippets

CGN Laos' 1 GW solar PV project: The China General Nuclear Power Group (CGN) has signed a concession agreement from the Government of Laos for phase I of its GW-scale solar PV

Laos' Net-zero 2050: Renewable Power Generation

Laos' Net Zero Target In its submission to the UN in May 2021, Laos said it aimed to achieve net-zero emissions target by 2050 and reduce emissions

Laos Solar Factory: Your Hub for the GMS Energy Market

This analysis explores the strategic advantages of establishing a solar module factory in Laos to supply the Greater Mekong Subregion

US releases preliminary antidumping duties on PV cells

The US DoC has issued preliminary affirmative determinations in antidumping duty investigations, setting preliminary dumping margins of 123.04%

Laos' First! | Gstar's 7GW Solar Photovoltaic Aluminum Frame and ...

The Gstar Laos Phaseone aluminum frame production base covers an area of 50,000 square meters with a total investment of approximately 500 million yuan. Upon reaching full capacity,

Chinese company launches 5GW high-efficiency solar

VIENTIANE (Vientiane Times/Asia News Network): Zhongrun Laos Solar Technology Company Limited officially opened the first 5GW high

Laos Solar Factory: Your Hub for the GMS Energy Market

Laos is a strategic hub for solar manufacturing. Learn why its location and incentives make it ideal for supplying the fast-growing Greater Mekong

Laos solar panels article

Laos solar panels article Does Laos have a solar power plant? In addition to hydropower, Laos has also been exploring other renewable energy sources, such as solar and biomass. The country's first large

Chinese company launches 5GW high-efficiency solar

Chinese company launches 5GW high-efficiency solar cell project Zhongrun Laos Solar Technology Company Limited officially opened the first 5GW high

Chinese company launches 5GW high-efficiency solar cell project in Laos

VIENTIANE : Zhongrun Laos Solar Technology Company Limited officially opened the first 5GW high-efficiency solar cell factory in Laos, contributing more than US\$2.4 billion to industrial

7GW! P1 of Solar Frame and Mounting System Project to Be

The project is part of Gstar's integrated solar manufacturing in South East Asia. In 2024, it is expected to reach a production capacity of 3GW of ingots, 3GW of wafers, 3GW of solar cells,

Laos solar energy project

Following a successful feasibility study on a solar energy project with an installed capacity of 1,200MW on the surface of the Nam Ngum 1 dam reservoir, a China-based company, Hangzhou Safefound

Solar Manufacturing in Laos: A Guide to Permits & Licensing

Starting a solar factory in Laos? Our guide covers the complete permitting and licensing process, from investment registration to operational compliance.

SolarSpace Expands Global Manufacturing Footprint with 5GW Facility in Laos

While the destination of SolarSpace's Laos-made modules remains unspecified, the establishment of a major manufacturing facility in the country marks a pivotal step in showcasing

1GW! CGN's Ultra-Large-Scale Solar Project in Laos

This project, developed by CGN Energy Technology (Laos) Co., Ltd. in collaboration with the Lao government, is not only one of Laos' largest

Laos launches 1,000 MW solar project in Oudomxay to expand clean

Laos on April 7, 2026, launched the first phase of a 1,000-megawatt solar power project in Oudomxay province, aiming to expand renewable energy capacity and strengthen cooperation with China.

Laos Solar Report

As of 2023, Laos has made limited progress in grid-connected solar systems, with only eight small solar farms operational, with only one existing rooftop solar system installation to date: a 236kW plant at

SolarSpace launches first phase of 5 GW solar factory

SolarSpace marked the start of the first phase of its 5 GW high-efficiency solar cell plant in Laos at a recent launch event in the Saysettha

China-backed solar project powers up in Laos amid Iran war energy

China has completed one of Southeast Asia's largest solar power projects in Laos, at a time when regional economies are stepping up efforts to reduce reliance on fossil fuels amid global

DAS-Solar-News

With bifaciality above 80%, they maximize energy yield by capturing both direct and reflected sunlight, making full use of Laos's strong solar resources. Engineered for the region's

SolarSpace announces launch of first phase of new cell

Cell and module manufacturer SolarSpace has announced the launch of the first phase of a new 5GW factory for the production of high

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