

# **Cooperation model of Laos energy storage project**





## Overview

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What are the challenges in managing energy projects in Lao PDR?

First, the Lao PDR has a limited capacity to plan for, evaluate, and manage energy projects. Well-trained staff are required to identify and appraise potential projects; assess financial, social, and environmental impacts; and implement and manage projects.

Who is developing the Laos & China project?

The Laos and China sections of the project are being developed by Electricité du Laos Transmission Company (EDL-T) and CSG, respectively.

Why did CSG donate to Electricité du Laos?

CSG has also donated power equipment and materials to Electricité du Laos (EDL) to strengthen the operation and maintenance capabilities of Laos's power grid. A groundbreaking ceremony for the China-Laos 500 kV Interconnection Project was held in the Lao capital of Vientiane on February 26, 2025.

What is the China-Laos 500 kV interconnection project?

Ambassador Fang Hong said that the China-Laos 500 kV Interconnection Project marks yet another significant step forward – following the China-Laos Railway – in deepening pragmatic cooperation between the two nations and jointly advancing the Belt and Road Initiative.



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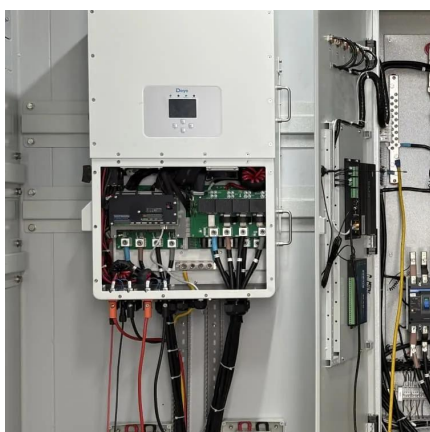


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This could change if Lao PDR's policy shifts towards electric vehicles, battery storage, and hydrogen fuels. Under the carbon-neutral scenario, solar and hydropower would constitute the ...

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The CAES project is designed to charge 498GWh of energy a year and output 319GWh of energy a year, a round-trip efficiency of 64%, but could achieve up to 70%, China Energy said. 70% ...

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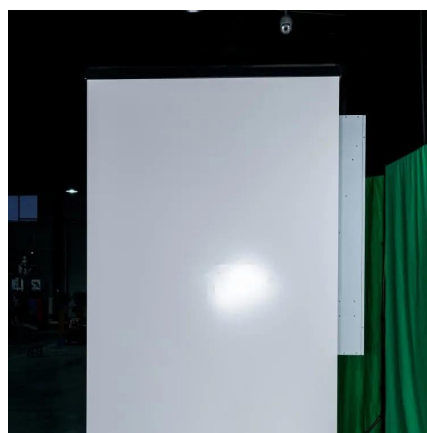
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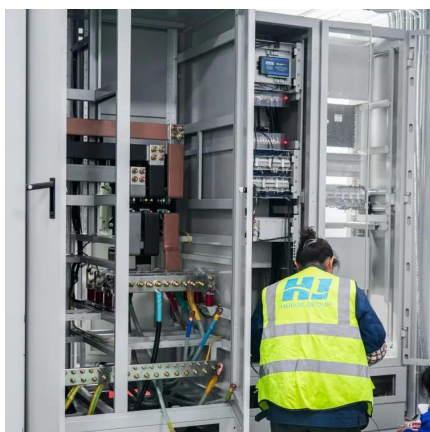
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