

# **Laos energy storage management**





## Overview

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USAID supports the Ministry of Energy and Mines (MEM) to improve planning for energy generation and distribution, hydro resource development, renewable energy integration and modeling of energy systems. Improving MEM's planning capacity supports the Government of Laos' objectives to increase renewable.

USAID engages MEM to strengthen its power sector policy and regulatory capacity. LES is supporting MEM's development and implementation of a clear legal, institutional.

USAID partners with Électricité du Lao (EdL) – the state-owned enterprise controlling and managing electricity distribution in Laos – to.



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### **USAID Laos Energy Security , Laos , Fact Sheet , U.S. Agency for**

USAID Laos Energy Security, a five-year activity funded by the United States Agency for International Development (USAID), supports the Government of Laos (GOL)' efforts to improve the planning, policies, and performance of the Lao energy sector.

### **Laos-Australia Sustainable Energy Partnership**

Australia and Laos have designed the Laos-Australia Sustainable Energy Partnership (LASEP), which focuses on the sustainable transition to clean energy and mitigating the impacts of climate change. This will build on our long-standing cooperation on sustainable hydropower development and water resource management.



### **Renewable Electricity and Energy Transition in Lao PDR**

2021-2025 and the energy and renewable energy plans reveals a nearly singular focus on electricity (Government of Lao PDR, 2011; MEM, 2021). Other energy sources have received limited attention in energy planning, despite biomass, oil, gas, and petroleum derivatives making up the majority of total

### **Laos strives to boost clean energy- Xinhua**



The partnership aims to bolster revenue from clean energy within three years, alleviate dependency on crude oil imports, facilitate the development of energy storage solutions, offer electric vehicle solutions, and invest in further renewable energy projects to advance the national goal of positioning Laos.



### Energy Outlook and Energy-Saving Potential in East Asia 2023

This study aims to forecast energy supply and demand in Lao PDR from 2020 to 2050 and to determine the country's potential for energy savings and carbon dioxide (CO<sub>2</sub>)

### USAID Laos Energy Security Activity

The USAID-funded, NUMARK-led Laos Energy Security (LES) Activity implements activities under the framework of the Japan-U.S.-Mekong Power Partnership (JUMPP) which promotes energy security throughout the Mekong region.



### Energy

This section focuses mainly on the production, distribution and use of electrical energy in Laos. In Laos, electricity is a key source of energy for domestic economic activities and its export provides revenue from neighboring countries. 1



## The Government of Laos, Energy Absolute to advance clean energy

EA will manage fundraising activities, targeting USD1 billion. The company plans to develop floating solar projects, and energy storage systems, and expand the power export market while increasing EV adoption and charging infrastructure in Laos. Moreover, the initiative supports green tourism and aims for net-zero carbon emissions by 2050.



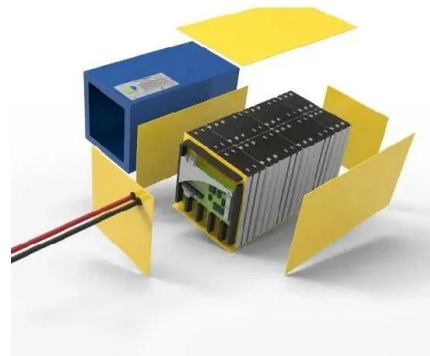
## laos industrial energy storage

Commercial and industrial energy storage refers to the use of energy storage systems for commercial and industrial applications to help industrial businesses and commercial buildings reduce power costs, improve energy efficiency, and respond to power market fluctuations.

## EDF and Laos Partner to Propel Southeast Asia's Energy Transition

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Together with the Government of Laos, EDF signed a memorandum of understanding to undertake the feasibility studies for a Pumped Storage Hydropower project located nearby Nam Theun 2, with an installed capacity up to 2,000 MW and 30 GWh of storage, which would rank it among the top 10 largest pumped hydro energy storage systems in the world!



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