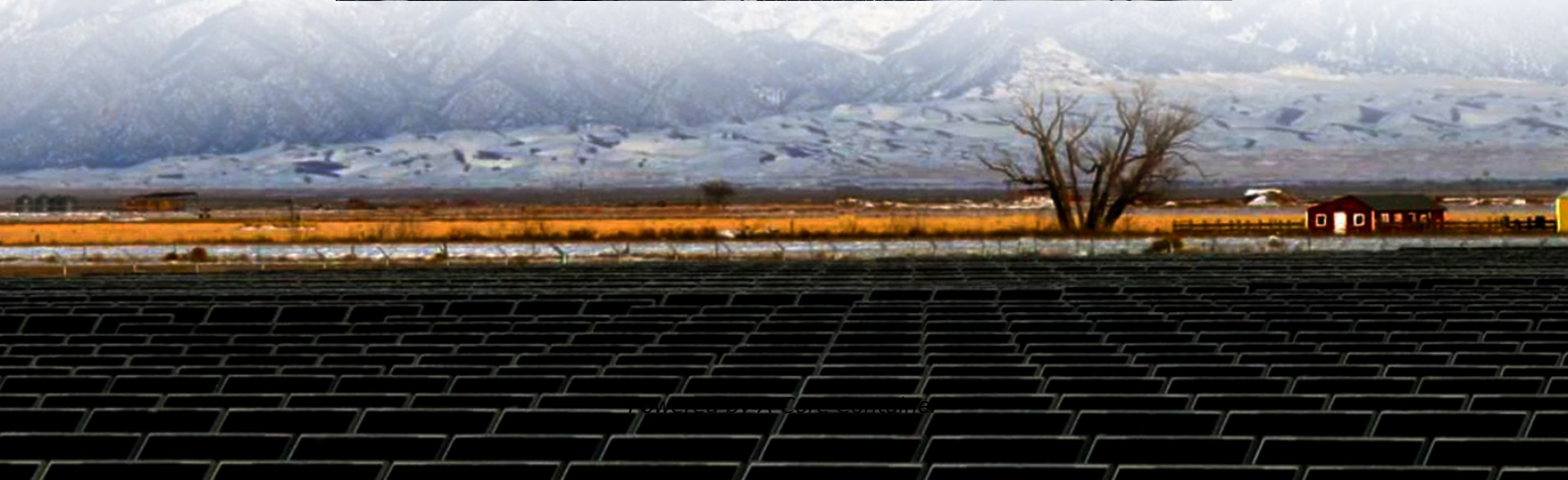


## A-Core Container

# Is Vietnam suitable for investing in large-scale energy storage



## Overview

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Declining lithium-ion battery costs and advancements in battery chemistry are making large-scale energy storage projects more viable in Vietnam's utility and non-utility sectors. Does Vietnam need a battery energy storage system?

Hanoi (VNS/VNA) - Vietnam needs to consider the development of battery energy storage system (BESS) while the country is on a path towards promoting renewable energies to ensure energy security and sustainable development, experts have said.

Can battery energy storage systems stabilize Vietnam's grid?

Sunita Dubey and Hyunjung Lee share how Vietnam is leveraging Battery Energy Storage Systems to stabilize their grid and accelerate the energy transition.

Why should Vietnam invest in a lithium battery?

The declining cost of lithium battery cells, coupled with technological advancements, has made BESS increasingly affordable and accessible, according to Contemporary Amperex Technology, the world's largest battery manufacturer. Vietnam should capitalise on this trend to attract investment, create green jobs, and enhance energy security.

Can battery energy storage systems improve power system flexibility?

Recently, Vietnam's National Power Transmission Corporation (EVNNPT) shared that it is looking into Battery Energy Storage Systems (BESS) among several technology options as an appropriate solution. This technology can enhance power system flexibility and enable high levels of renewable energy integration.

How is Vietnam advancing its energy infrastructure towards an energy-resilient future?

Vietnam is advancing its energy infrastructure towards a greener, more just,

and energy-efficient future, simultaneously providing a valuable model inspiring the global drive towards an energy-resilient future.

Does Vietnam need Bess?

According to the Institute of Energy under the Ministry of Industry and Trade, Vietnam's power system needs BESS at both renewable energy generators and the national power grid.

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