

## A-Core Container

# Vietnam Energy Storage Power Plant Project



## Overview

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This project, developed by Vietnam Electricity (EVN) in collaboration with the Asian Development Bank (ADB), Rocky Mountain Institute (RMI), Global Energy Alliance for People and Planet (GEAPP), and the Vietnam Energy Institute, marks a crucial step towards Vietnam's target of developing 300MW of energy storage by 2030, as outlined in the latest Eighth Power Development Plan (PDP 8). Will Vietnam's first pumped hydropower plant boost national energy security?

This will be Vietnam's first pumped storage hydropower plant and one of EVN's key national energy projects this year. The plant is expected to boost national energy security and support Vietnam's transition to a greener, more sustainable economy.

Why should Vietnam invest in a hydropower plant?

The plant is expected to boost national energy security and support Vietnam's transition to a greener, more sustainable economy. Pumped storage hydropower operates like a giant battery, storing excess electricity during off-peak hours and releasing it when demand is high.

Can battery energy storage be commercially viable in Vietnam?

The BESS project aims to demonstrate the commercial viability of battery energy storage in Vietnam and showcase the practical benefits of renewable energy, including its reliability and efficiency. It also seeks to help Vietnam meet its climate action targets.

How much money does EVN invest in a pumped storage hydropower plant?

It has an estimated investment of 880 million USD. (VOVWORLD) - Last weekend, Vietnam Electricity (EVN) began construction on Phase 2 of the Bac Ai Pumped Storage Hydropower Plant in Ninh Thuận province. This will be Vietnam's first pumped storage hydropower plant and one of EVN's key national energy projects this year.

Can energy storage help Vietnam meet climate goals?

Co-funded by a grant from U.S. Mission Vietnam, the pilot project will demonstrate how energy storage can help Vietnam integrate more renewable energy into its power system to meet ambitious climate goals.

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.

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