

ContainerPower Energy Solutions

ASEAN s latest base station wind power source



GEL Battery



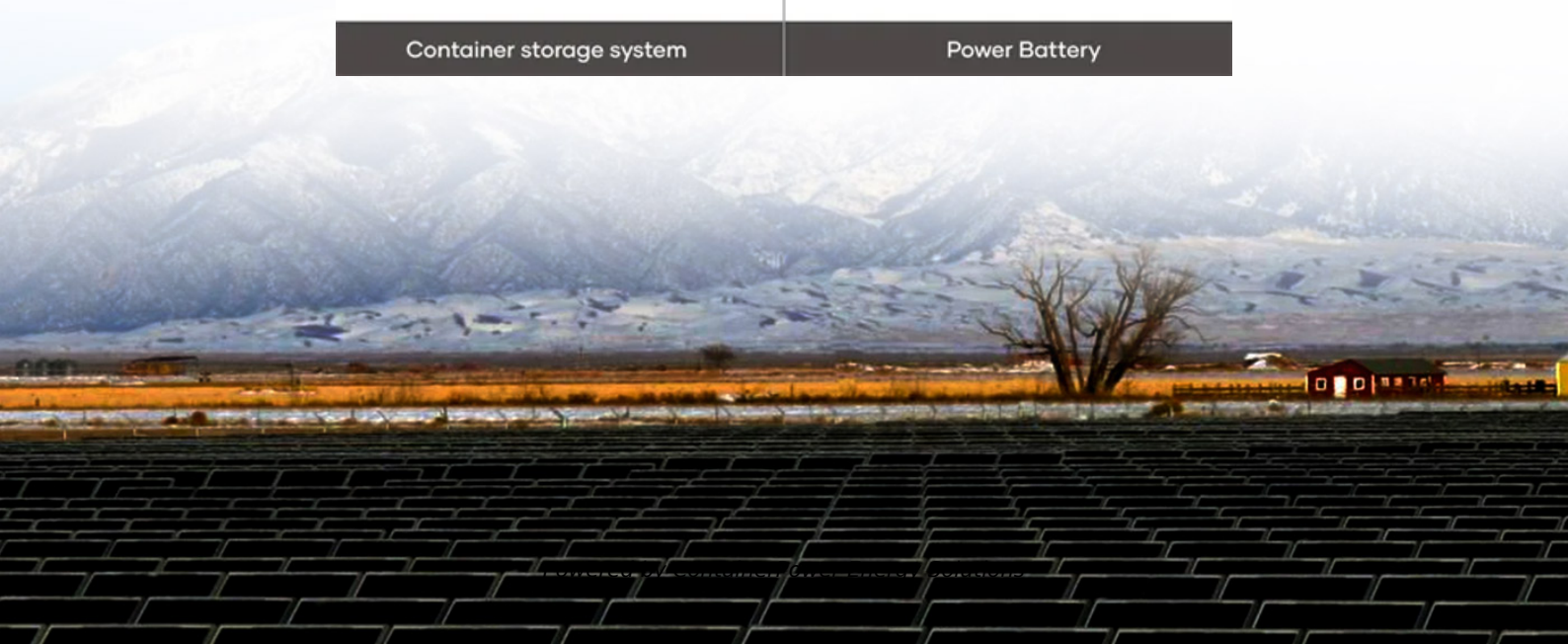
Lithium Battery



Container storage system



Power Battery



Overview

The Monsoon Wind Power Project, which reached commercial operation on 22 August 2025, is the first wind farm in Laos and the first renewable energy project in Asia to transmit power internationally. At 600 MW, it is also the largest onshore wind installation in Southeast Asia.

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This report tracks solar and wind generation in ASEAN between 2015 and 2022, and analyses the additional capacity needed by 2030 to align with the International Energy Agency (IEA)'s 2050 Net Zero Emission (NZE) scenario. It is to be noted that the growth of other renewables is equally important.

Monsoon wind project, the first wind energy project in Laos and the largest wind farm in ASEAN (International organisation of Southeast Asian countries) has completed construction. The 600 MW wind farm with 133 turbines was under ACEN with a 24% stake. Other partners include Mitsubishi Corp and SMP.

VIENTIANE: The Monsoon Wind Power Project in southern Laos, the largest in South-East Asia, is now operational and is delivering clean energy across the border to Vietnam, marking a milestone in Asia's clean energy transition. The 600MW project officially reached the commercial operation date (COD).

This 8th edition presents a comprehensive analysis of the current state of ASEAN's energy landscape and offers projections for several plausible future scenarios. Drawing on historical data from 2005 to 2022, the report provides forward-looking insights into the evolution of the ASEAN energy.

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Laos officially launches the Monsoon Wind Farm to export wind power to Vietnam. (Photo: Power China) After more than a decade of negotiations, Laos' first and ASEAN's largest onshore wind project, the Monsoon Wind Power Project, has officially started transmitting electricity to Vietnam as of July.

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