

ContainerPower Energy Solutions

Thailand energy storage project announced

ESS

40.96kWh



61.44kWh



Overview

MinebeaMitsumi Inc. (Head office: Nagano Prefecture; Representative Director, Chairman CEO: Yoshihisa Kainuma; hereinafter "MinebeaMitsumi") announced its collaborative solar power generation and battery storage project in Thailand at the MOU ceremony of the 3rd AZEC Ministerial Meeting 2025, held in Kuala Lumpur, Malaysia, on October 17, 2025. What is the future of energy storage in Asia?

The peak is projected to grow to 56.1GW by 2037, while renewable energy's share of the electricity generation mix will increase to 51%. Energy-Storage.news' publisher Solar Media will host the 2nd Energy Storage Summit Asia next week, 9-10 July 2024 in Singapore.

What is Thailand's 2024 Power Development Plan?

Thailand's 2024 power development plan (PDP) aims to increase renewable energy use, highlighting the importance of BESS alongside solar panels and wind turbines. This could create new business opportunities for entrepreneurs if prices decrease or new technologies emerge for stationary batteries.

How much energy will Thailand produce in 2037?

However, under the latest edition of Thailand's national Power Development Plan, published last month, the Ministry of Energy plans to procure 77.4GW of new energy capacity to meet growing demand. The peak is projected to grow to 56.1GW by 2037, while renewable energy's share of the electricity generation mix will increase to 51%.

Does Thailand rely on fossil fuels for electricity?

According to Ministry of Energy electricity statistics published in February, Thailand is heavily reliant on fossil fuels for power generation, with about 57% coming from natural gas and domestic coal about 15%.

Can Bess create business opportunities in Thailand?

Watcharin Boonyarit, director of solar energy development at the Department of Alternative Energy Development and Efficiency, noted the potential for BESS to create business opportunities as Thailand transitions to renewable power sources. “We should not only import BESS but also consider new investment projects in this battery business.”.

Could a sodium-ion battery be a new business opportunity in Thailand?

The Federation of Thai Industries’ Renewable Energy Industry Club sees potential in sodium-ion battery (SIB) production as an alternative to lithium-ion batteries. SIBs, made from rock salt, could offer a new business opportunity given Thailand’s abundant rock salt reserves.

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