

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."

Does Thailand need a battery energy storage system?

Thailand may lack the Battery Energy Storage Systems (BESS) necessary to navigate supply and demand challenges. The 2024 PDP draft included 10,000 MW of BESS, but this may see the country struggle to fulfil carbon neutrality and Net Zero commitments over the coming decades.

What does Bess stand for?

Battery energy storage system (BESS) and controls technology will be provided to a "smart industrial park" project in Thailand by Hitachi ABB Power Grids.

How many Bess projects were approved in Thailand in 2022?

In 2022, the Thai government approved 24 BESS projects, all of which were located alongside solar operations. Their total combined storage capacity was 994 MW. Interestingly, this allowed generators to sign semi-firm power purchase agreements (PPAs) with the Electricity Generating Authority of Thailand (EGAT) with minimum availability guarantees.

What is Bess & why is it important?

Renewable sources like solar and wind power are intermittent, and influenced by weather patterns. BESS mitigates this issue by storing electricity for future use. Thailand's 2024 power development plan (PDP) aims to increase renewable energy use, highlighting the importance of BESS alongside solar panels and wind turbines.

How much does Bess cost?

Suttichai Premrudeepreechacharn from Chiang Mai University's Faculty of Engineering highlighted the expected drop in BESS production costs, which could fall below US\$100 per kilowatt-hour from the current nearly US\$200 per kilowatt-hour.

Hitachi ABB Power Grids has been appointed to deploy its BESS system solution, called PowerStore, as well as its digital controls platform e-Mesh, by locally-headquartered project developer Impact Solar Limited. The ...

On 15 October 2024, GIZ Thailand, in partnership with the US Department of Energy-led Net Zero World Initiative, launched the Battery Energy Storage System (BESS) Knowledge Sharing ...



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Called NV Gotion Co, the new JV will import, assemble, and distribute battery modules as well as battery packs for EVs and battery energy storage systems (BESS). According to PTT Public Company chief new ...

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Meanwhile, the mobile BESS provider landscape appears to be growing in the US and elsewhere. US battery cell and system manufacturing startup KORE Power recently launched its own mobile BESS subsidiary, ...

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