

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."

What is Bess project?

The project is intended to finance the operational 10MW wind power project (4 x 2.5MW wind turbine generators), with an integrated 1.88 MWh BESS located in Nakhon Si Thammarat province in Southern Thailand. The Project completed construction in December 2018, and commenced commercial operations on 11 April 2019.

What is a wind power project in Thailand?

The project will be the first private sector project in Thailand to integrate utility-scale wind power generation with battery energy storage and will have an important demonstration effect.

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.

When will a clean electricity project start in Thailand?

This project is planned to start in April 2022 and will be commercial in December. By then, it can provide clean electricity for Thai people with constant power, help improve the overall stability and security of the Thai power grid and quicken Thai's step to realize the National 4.0 Strategy.

Could rock salt be a new business opportunity for Thailand?

SIBs, made from rock salt, could offer a new business opportunity given Thailand's abundant rock salt reserves. Veeradej Tejapaibul, the vice-chairman of the club, suggested that government support for rock salt exploration could attract investment in SIB manufacturing.

Sungrow, an inverter solution supplier for renewables, has agreed to cooperate with Super Energy, a leading renewable energy provider, to build Southeast Asia's largest battery energy storage system (BESS) project in Thailand.

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 Platform, which is a key

step in Thailand's energy transition through the Partnerships to Accelerate the Global Energy Transition (PACT) project, implemented by GIZ Thailand.

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The projects are part of Thailand's ambitious renewable energy feed-in-tariff programme, aimed at doubling its installed wind and solar capacity by 2030 and progressing the country towards its renewable energy targets. The move aligns with Thailand's goal to boost its renewable energy output to 50% by 2037.

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 ...

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In the future, Sungrow is looking forward to more diversified and profound cooperation with partners like Super Energy in renewable energy, to further move towards a low-carbon goal for Thailand and the net-zero global ...

Solar PV inverter and battery energy storage system (BESS) manufacturer Sungrow has signed a strategic supply agreement with Gulf Energy Development in Thailand. Sungrow announced the deal yesterday (27 March). ...

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The objective of the Project is to promote clean energy generation in Thailand through the development of a portfolio of solar photovoltaic (PV) power plants and the installation of battery energy storage systems (BESS).



## Bess renewable Thailand

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