
Energy storage ratio of new energy project in Chiang Mai Thailand

How can Thailand manage its energy transition?

Thailand can manage its energy transition and solve the energy trilemma of sustainability, security and affordability by accelerating renewable power additions and grid capacity expansion, while limiting new thermal power capacity addition.

Why is Thailand relying on more than just solar?

To close this gap, Thailand is relying on more than just solar. The government's Alternative Energy Development Plan (AEDP) promotes energy diversification, including storage systems and emerging technologies like green hydrogen. These strategies are designed to not only boost generation capacity but also ensure energy stability and resilience.

Are there grid-scale energy storage projects in Thailand?

There are currently few grid-scale energy storage projects in Thailand, although the situation is likely to change. In furtherance of its commitments under the Paris Agreement, the Thai government has enacted policies which envisage renewable energy accounting for the majority of grid capacity and output by 2040.

What will Thailand's future look like if it adds renewables capacity?

As Thailand plans to add significant amount of renewables capacity in the next 13 years, the government would consider more flexible gas power contract. As a result, thermal power plants will likely see their operational hours cut further. This will lead to costlier coal and gas power.

Year when a new utility-scale solar paired with four-hour battery-based energy storage becomes cost-competitive compared to a new combined-cycle gas turbine plant in ...

Chiang Mai University Solar PV Park is a 12MW solar PV power project. It is located in Chiang Mai, Thailand. According to GlobalData, who tracks and profiles over 170,000 power plants ...

As Thailand accelerates its transition toward renewable energy, battery energy storage systems (BESS) have become critical for businesses and communities in Chiang Mai.

Chiang Mai, Thailand - September 5, 2025 - Wenergy, a leader in energy storage solutions, is proud to announce the successful launch of its Battery Energy Storage System (BESS) project ...

Introduction of SmartPropel Energy Storage Project in Thailand 1.1 Chiang Mai, Thailand - Energy Storage for Villa Houses. Function: Daily power consumption for farmhouses and electric cars, ...

This project aims to serve as an energy storage system to ensure the security of the country's power system and support the transition toward rising renewable energy in the future. Thailand ...

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Thailand renewable energy expansion is gaining speed with major solar investments, but outdated grids and policies pose key challenges to progress. Read here!

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