

Thailand Chiang Mai grid-side energy storage policy





Overview

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.

How will Thailand's energy policy affect the energy sector?

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. Source: BloombergNEF.

Does Thailand allow behind-the-grid technology?

Regulations in Thailand already permit behind-the-grid technologies such as rooftop solar and storage to be deployed, subject to the Energy Regulatory Commission (ERC)'s licensing regime.

Can Thailand use energy storage?

Although Thailand is a regional leader in renewable energy, its use of energy storage is nascent. EGAT undertook some studies on the potential for energy storage and is piloting three battery energy storage installations. One is located alongside a solar project in Mae Hong Son Province to improve power supply stability.



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Battery Energy Storage Solutions in Chiang Mai: Powering Thailand...

"The average commercial user in Chiang Mai could reduce energy costs by 18-27% through proper battery storage implementation," reports Thailand's Energy Policy Office (2023 data).

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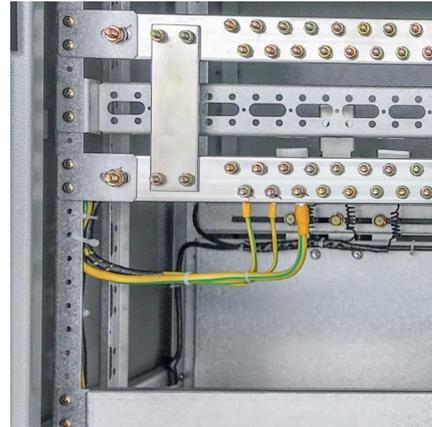


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Energy storage is increasingly included in energy policies. "Thailand introduced a new feed-in-tariff (FIT) scheme, offering a 25-year PPA agreement at THB 2.8331/kWh for In 2020, ...

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The energy sector in Thailand is governed by the Ministry of Energy and managed by the National Energy Policy Council (NEPC). The main duties of the NEPC are to ...

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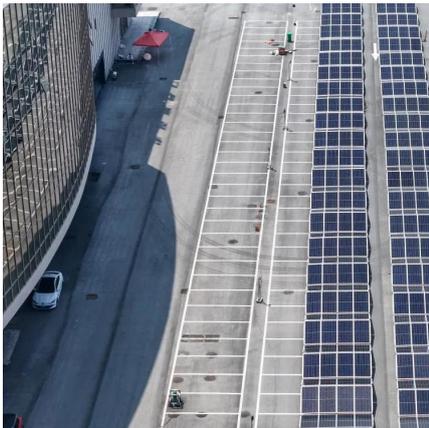
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