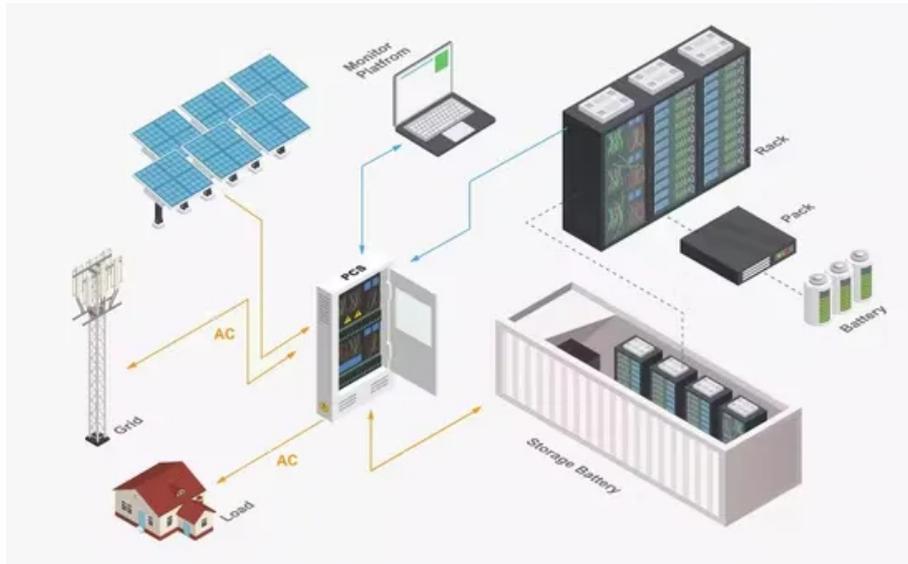


SolarTech Power Solutions

Thailand's containerized energy storage policy



Overview

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.

What is Thailand's energy policy?

Thailand's energy policy is also focused on enhancing the country's competitiveness by promoting clean energy to attract foreign investment. The government is positioning Thailand as a Digital Hub for ASEAN, with strong investor interest in data centers and cloud services.

What is Thailand's energy policy for 2025?

Thailand's energy policy for 2025 underscores the country's commitment to sustainability, energy security, and economic growth through clean energy adoption and domestic energy development. Loading.

Why is battery storage a problem in Thailand?

This is partly due to a lack of clarity on how battery storage fits into existing electricity infrastructure. 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.

What is Thailand's energy strategy?

Thailand's energy strategy continues to adhere to three core principles: ensuring a secure electricity system, maintaining fair pricing, and promoting sustainability. Thepparat Theppitak, Governor of EGAT, highlighted the challenges of managing renewable energy, which is expected to account for more than 50% of the power grid.

Why is Thailand relying on 75% imported energy?

“Thailand’s reliance on 75% imported energy means that global oil and LNG market prices, influenced by geopolitical issues, directly impact domestic prices. Increasing domestic energy sources will help reduce imports and lower electricity costs,” said Dr. Prasert.

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