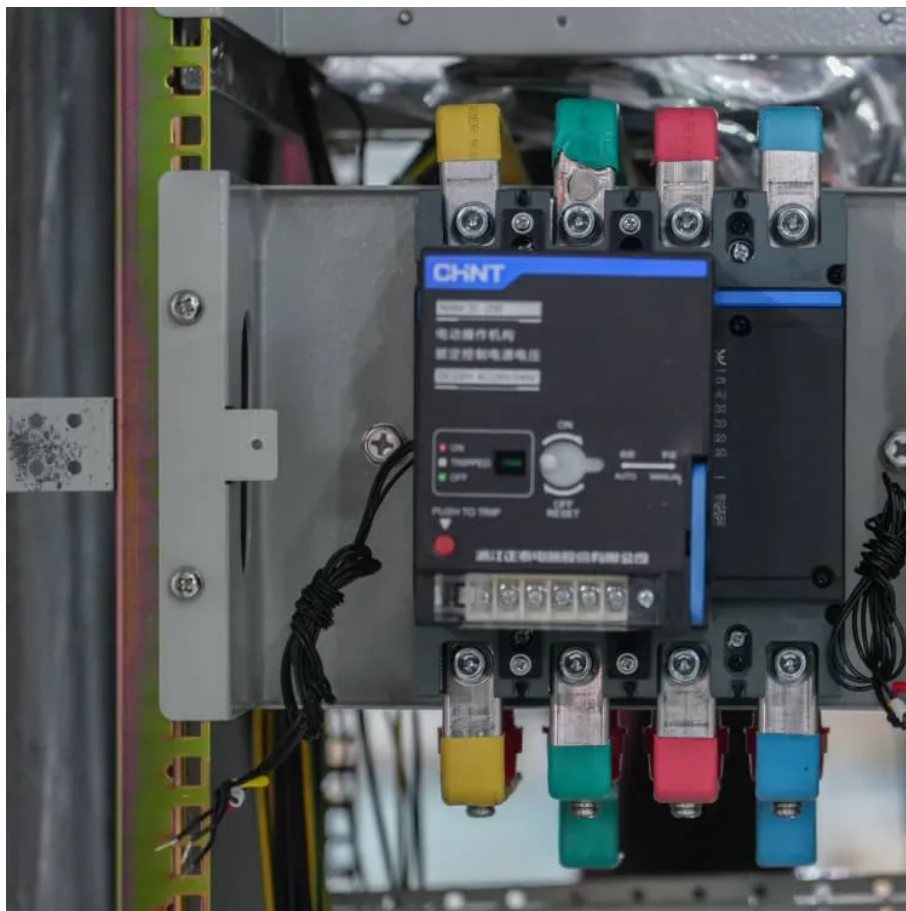


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Thailand Energy Storage solar



Overview

From floating solar projects to large-scale energy storage and innovative tax reforms, Thailand is seizing a critical window of opportunity to advance its photovoltaic (PV) and energy storage markets, aligning with its climate goals of reducing greenhouse gas emissions by 30% by 2030 (potentially 40% with international support), achieving carbon neutrality by 2050, and net-zero emissions by 2065. What is Solar & Storage Live Thailand?

Solar & Storage Live Thailand is an event focused on solar energy generation, solar technology, storage solutions, smart energy, and clean energy innovations. Building on the success of our editions in the Philippines and Vietnam, this event aims to bring big ideas and market disruptions to Thailand's energy transition.

Why should Thailand invest in solar energy?

Solar energy is slated to be Thailand's largest renewable energy source in the coming years. It will be critical in driving the country's energy transition and achieving its decarbonisation goals. While growth has been steady, rapid deployment is needed over the next decade to make longer-term targets attainable.

What is the main focus of Solar & Storage Thailand?

Solar & Storage Thailand is your one-stop shop to take the pulse of Thailand's solar, energy storage and grid infrastructure market. Networking is at the intersection of all that we do: the Showcase, the Learning, the Fun.

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.

How many mw can a solar generator store in Thailand?

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. Many solar projects in Thailand have non-firm PPAs in place due to a lack of storage on site.

How will Thailand's solar capacity grow in 2024?

According to Mordor Intelligence, Thailand's solar capacity is expected to grow from 3.9 GW in 2024 to 5.52 GW by 2029, achieving a compound annual growth rate (CAGR) of 7.2%. The Alternative Energy Development Plan (AEDP) aims to boost renewable energy adoption, supported by: Feed-in tariffs (FiT): Financial incentives for solar producers.

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