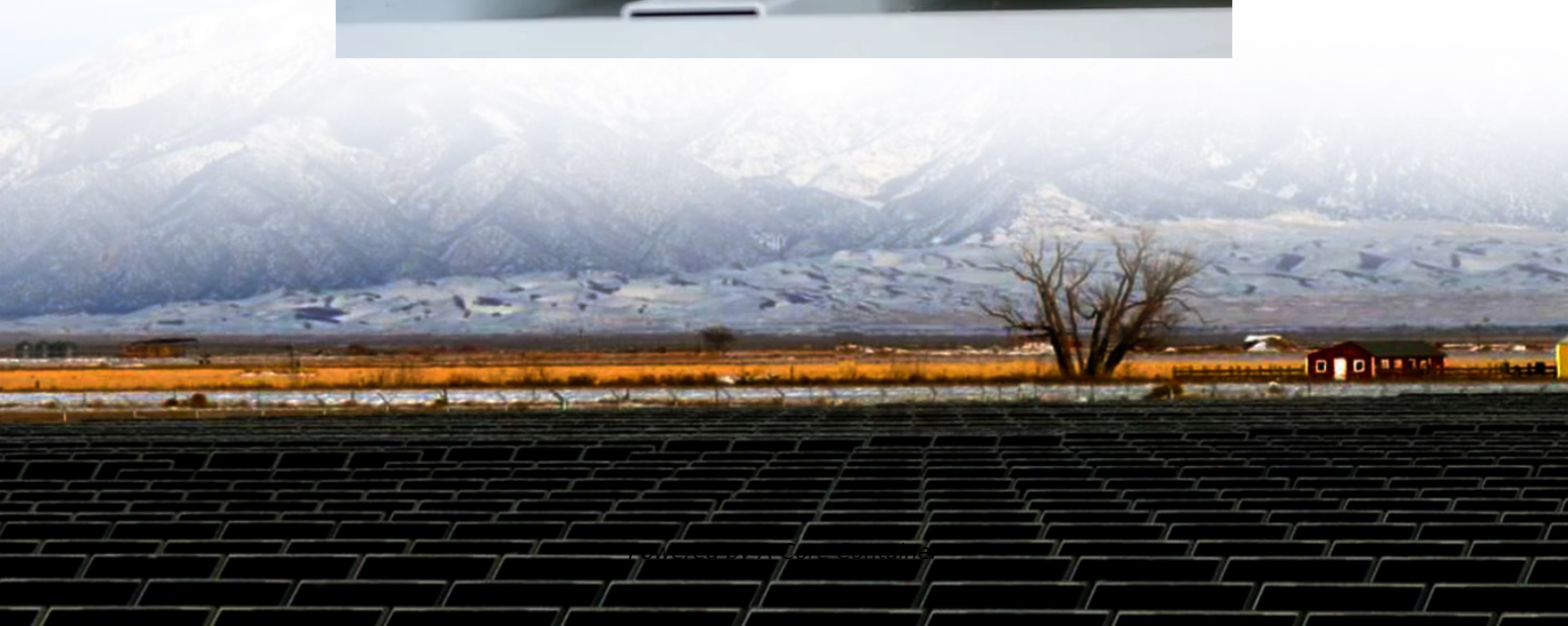


A-Core Container

Thailand Energy Storage Project Procurement



Overview

Search all the announced and upcoming battery energy storage system (BESS) projects, bids, RFPs, ICBs, tenders, government contracts, and awards in Thailand with our comprehensive online database. Will Thailand revise its energy procurement policies?

Thailand is set to revise its energy procurement policies to allow businesses to directly purchase renewable energy from producers, such as solar farms. Government spokesman Chai Wacharonke confirmed on Wednesday that Prime Minister Srettha Thavisin issued a directive on this matter during a recent mobile Cabinet meeting in Phayao.

Will Thailand implement a direct power purchase agreement (PPA)?

Thailand is on the verge of a significant shift in its energy procurement strategy with plans to implement a direct power purchase agreement (PPA) framework.

What is Thailand's 2024 Power Development Plan?

Thailand's 2024 power development plan (PDP) aims to increase renewable energy use, highlighting the importance of BESS alongside solar panels and wind turbines. This could create new business opportunities for entrepreneurs if prices decrease or new technologies emerge for stationary batteries.

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.

Why do some solar projects in Thailand have non-firm PPAs?

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

storage on site. Arrangements, including BESS, reduce the strain on power grid infrastructure and allow for better planning. On the downside, these do not improve grid stability, nor do they provide power generators with more pathways to increase revenue.

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.

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