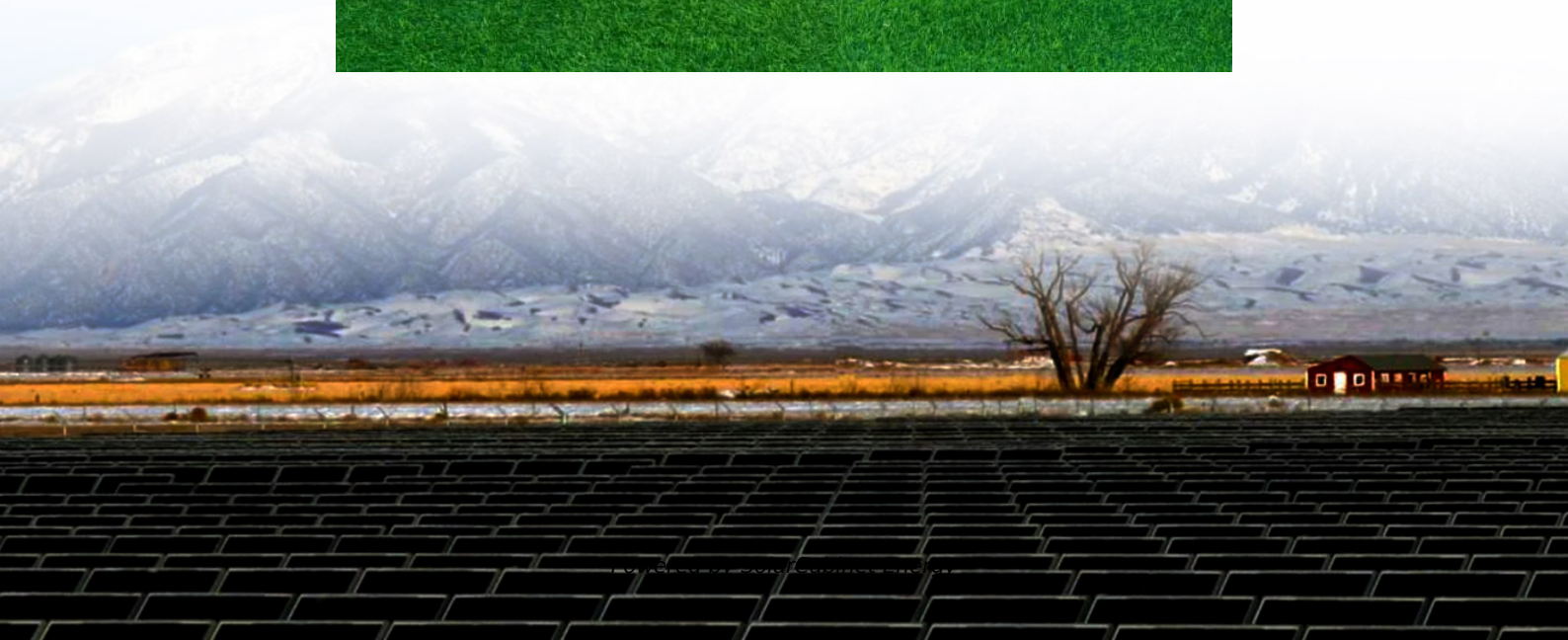


Malaysia s largest energy storage project





Overview

On December 23, local time, Malaysia's first large-scale electrochemical energy storage project, the Sejingkat 60 MW Energy Storage Station, successfully connected to the grid. This milestone represents a significant achievement in China-Malaysia green energy cooperation. Are battery energy storage systems becoming a reality in Malaysia?

The utilities sector in Malaysia is witnessing significant advancements in battery energy storage systems (BESS), evolving from concept to reality with notable projects underway. The first large-scale BESS project is currently being constructed in Sabah, a pivotal development for the country's energy landscape.

What is Malaysia's first utility-scale battery energy storage system?

Malaysian utilities company Sarawak Energy has commissioned what is described as the nation's first utility-scale battery energy storage system (BESS). The 60 MW/82 MWh BESS, which was first energized in Dec 2024, shares the site with the soon-to-be-phased-out Sejingkat Power Plant, first commissioned in 1998.

What is the largest Bess project in the ASEAN region?

The first large-scale BESS project is currently being constructed in Sabah, a pivotal development for the country's energy landscape. This project, developed by MSR Green Energy, will boast a capacity of 100MW/400MWh, positioning it as one of the largest BESS installations in the ASEAN region.

What is Malaysia's primary energy source?

As of 2020, only about 3.9% of Malaysia's primary energy supply came from renewable sources including solar, bioenergy and hydropower, with 42.4% from natural gas, 27.3% from crude oil and petroleum and 26.4% from coal.

Will Malaysia increase its solar capacity in 2025?



Malaysia has been taking steps to increase its solar capacity in recent months. In Jan. 2025, the country's Ministry of Energy Transition and Water Transformation (Petra) announced that it was adding an additional bidding round under its Large Scale Solar (LSS) program for the development of 2 GW of PV power.

Will xnergy support Malaysia's net zero ambitions?

Plus Xnergy Group CEO Ko Chuan Zhen said, "Pioneering this NaS BESS system represents another milestone for us in supporting Malaysia's net zero ambitions. We are pleased with the foresight of Leader Energy in piloting this technology, which has tremendous benefits for our renewable energy industry.



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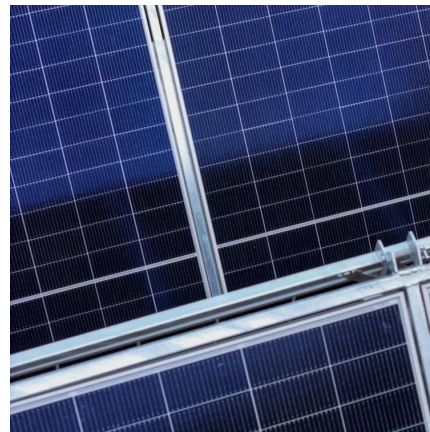


[Malaysia's First Large-Scale Electrochemical Energy Storage Project](#)

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