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Malaysia Huiran Industrial Energy Storage Power Station



Overview

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 energy storage system in Malaysia?

Outlook of energy storage system in Malaysia Energy storage is one of the emerging technologies which can store energy and deliver it upon meeting the energy demand of the load system.

What is Sarawak's first battery energy storage system?

KUCHING: Sarawak made history with the launch of Malaysia's first utility-scale Battery Energy Storage System (BESS) at Sejingkat Power Station, led by Sarawak Energy Berhad (SEB). The 60-megawatt (MW) BESS began operations in December 2024, marking a significant milestone in modernizing the state's energy infrastructure.

Are battery energy storage systems a keystone in Malaysia's Energy Transformation Story?

Battery energy storage systems (BESS), once relegated to the margins of policy discussions, are fast becoming a keystone in Malaysia's energy transformation story. As solar and other renewables take up greater shares of the generation mix, the national grid's growing complexity demands a reliable backbone, a role BESS is beginning to fulfil.

What is Malaysia's first utility-scale deployment?

The most recent milestone came in late 2024 when Sarawak Energy commissioned a 60MW/82MWh BESS in Sejingkat, Kuching. This project, co-

located with a retiring coal power station, is Malaysia's first utility-scale deployment, marking a leap forward in reliability and modern grid design.

Is there a utility-scale Bess project in Malaysia?

BESS for behind-the-meter and the virtual power plant (VPP) project have been implemented in Malaysia as part of research initiatives. However, there has not been any deployment of utility-scale BESS which are connected to transmission level thus far .

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