



Malaysia Energy Storage Power Station Project



Overview

A 100MW/400MWh battery energy storage system (BESS), the biggest project of its kind by output in Southeast Asia, has been welcomed into operation in Sabah, Malaysia. It was the shortlisted bidder for the MyBeST competitive bidding programme. The programme has attracted strong industry interest, with proposals received at seven bidding programmes for grid-scale Battery Energy Storage Systems (BESS) to date. A total of four (4) grid-connected BESS projects, each with the capacity of 100MW/400MWh, are planned. As of 2025, Peninsular Malaysia's installed solar photovoltaic (PV) capacity has exceeded 2.5 GW, making up more than 7% of the region's total installed capacity. Malaysian utilities company Sarawak Energy has commissioned what is described as the nation's first utility-scale battery. Malaysia's first homegrown BESS prototype was unveiled in late 2023 by Citaglobal, an engineering, energy and manufacturing conglomerate and Genetec Technology, a leader in industrial automation. The 1MW prototype known as MYBESS was showcased at a Genetec production plant in the town of Bangi. Located at the Sejingkat Power Plant in Kuching and energised in December 2024, the 60MW/82MWh BESS provides essential grid support. Picture of this morning's ceremony at Sabah International Convention Centre, posted to LinkedIn by Thomas Koh, invited in his capacity as chairman for private sector transport at the Brunei Darussalam-Indonesia-Malaysia-Philippines East ASEAN Growth Area (BIMP-EAGA) initiative.

Article Content

Sarawak Energy Strengthens Grid Resilience With ...

With the growing demand for reliable electricity supply, Sarawak Energy has recently commissioned the first utility-scale Battery Energy Storage ...

EVE Energy Brings Solar And Storage Power To Kuala Lumpur ...

The project involves a 10 MW ground-mounted solar photovoltaic plant combined with a 36 MWh battery energy storage system. It is EVE Energy's first AC/DC integrated energy storage ...

Malaysia's First Large-Scale Electrochemical Energy ...

On December 23, local time, Malaysia's first large-scale electrochemical energy storage project, the Sejingkat 60 MW Energy Storage ...

CEEC First Large-Scale Electrochemical Energy Storage Project in ...

The Malaysia Sejingkat 60 MW Energy Storage Station, which is Malaysia's first large-scale electrochemical energy storage project, was connected to the grid on December 23, local time, ...

REQUEST FOR PROPOSAL FOR THE BATTERY ENERGY ...

HORTLISTED BIDDERS Putrajaya, 19 December 2025 - The Energy Commission of Malaysia (Suruhanjaya Tenaga - ST) has final. d the shortlisted bidders for the MyBeST competitive bidding ...

Malaysia's 400 MW/1,600 MWh BESS Auction ...

This auction signals a strategic shift. Rather than waiting for grid instability to emerge as a binding constraint, Malaysia is moving ahead to integrate BESS as ...

Malaysia's energy gets smarter with the rise of grid-scale battery storage

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 ...

TNB to undertake 400MWh battery storage project, ...

KUALA LUMPUR (Jan 26): Tenaga Nasional Bhd will kick-start a 400 megawatt-hour (MWh) battery energy storage system (BESS) pilot project in this quarter, ...

Malaysia commissions its first big BESS at coal-fired power plant site ...

The commissioning is a new development for utility-scale BESS in Malaysia. The country is turning to energy storage and other forms of renewables to meet its population's growing demand ...

Malaysia's first large-scale battery storage system ...

A 100MW/400MWh battery energy storage system (BESS), the biggest project of its kind by output in Southeast Asia, has been welcomed into ...

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