

# Malaysia user-side energy storage project



## Overview

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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, marking Malaysia's first utility-scale battery storage project to address intermittency issues of renewable energy (RE). This report marks the beginning of a promising relationship between our two organizations, united by a shared vision of advancing sustainable energy solutions. As Malaysia assumes the role of ASEAN chair for 2025, the country stands at the forefront of Southeast Asia's urgent energy transition. As a demonstration project of the . Four projects have been selected in Peninsular Malaysia's first programme to build large-scale battery energy storage system (BESS) facilities. Bidders . The Malaysian energy storage sector continues its upward trajectory with significant project announcements and policy developments in the first quarter of 2026, signaling robust market confidence and sustained growth momentum. Q1 2026 witnessed several major developments that underscore the .

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### [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, says ministry](#)

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### **Energy Storage: Bridging Malaysia's Solar-Gas Future**

SynVista Energy provides tailored BESS solutions for Malaysia's generation side, grid operators, and large industrial users - helping optimise system costs and enhance energy resilience.

### **Malaysia: Energy Commission shortlists bidders in**

Four projects have been selected in Peninsular Malaysia's first programme to build large-scale battery energy storage system (BESS) facilities.



### [Malaysia's first large-scale grid storage](#)



### [projects draw over 20 bidders](#)

Malaysia is rapidly expanding solar and other intermittent renewable generation, creating strong momentum for energy storage. The country's first four large-scale grid-connected storage

## **Energy Storage Solutions (BESS) Malaysia: Backup Power & Savings**

Spearhead energy independence for your organisation with energy storage. Battery Energy Storage System (BESS) gives businesses the power to reduce peak demand, optimise solar generation, and



### [Malaysia's Energy Storage Market Shows Strong Growth in Q1 2026](#)

The Malaysian energy storage sector continues its upward trajectory with significant project announcements and policy developments in the first quarter of 2026, signaling robust market

## **Insights on Consumer-based Battery Energy Storage**

Whilst there are a large number of existing and emerging electrochemical energy storage technologies, this report focusses on 6 battery families (12 chemistries) selected for their potential application in



## **Successfully supported the 500KW**

In early January, the 500KW/860KWH lithium battery energy storage system and diesel generator hybrid power supply project jointly built by ALLTOP and local energy enterprises in

### [AFRY wins owner's engineer job for Malaysian solar-storage project](#)

Swedish energy and infrastructure consultancy AFRY AB (STO:AFRY) has been selected to serve as owner's engineer for a 36-MWp solar park project with battery storage in Malaysia.



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