

# **Singapore s largest energy storage project**





## Overview

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What is Singapore's biggest battery storage project?

Singapore has surpassed its 2025 energy storage deployment target three years early, with the official opening of the biggest battery storage project in Southeast Asia. The opening was hosted by the 200MW/285MWh battery energy storage system (BESS) project's developer Sembcorp, together with Singapore's Energy Market Authority (EMA).

Why is energy storage important in Singapore?

Puah Kok Keong, Chief Executive, EMA said, "As Singapore expands solar deployment, energy storage systems will become more important to enhance grid resilience and ensure power system stability. I welcome the development of energy storage systems that are safe, cost-effective and space-efficient."

How much energy storage will Singapore have by 2025?

With just one project, EMA has achieved and exceeded Singapore's deployment target of 200MWh of energy storage by 2025. The target was set as part of the EMA programme, Accelerating Energy Storage Access for Singapore (ACCESS), through which the EOI solicitation was held.

Can battery energy storage help Singapore's Energy Transition?

Energy storage plays an important role in enabling Singapore's energy transition, says Puah Kok Keong, CEO of EMA. "In particular, battery energy storage systems (BESS) have the potential to provide a wide range of energy services, including frequency regulation for the power grid."



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### [Southeast Asia's Largest Energy Storage System Officially ...](#)

Feb 2, 2023 · Mr Michael Ding, Global Executive Director of Envision Digital, said: "We are pleased to partner Sembcorp Industries to complete Singapore's largest utility-scale greenfield ...

### [Sembcorp unveils 'battery stacking' solution and S'pore's largest](#)

Oct 27, 2025 · Sembcorp Industries has unveiled two clean energy projects on Jurong Island: a "battery stacking" solution and Singapore's largest ground-mounted solar project. Sembcorp ...



### [Southeast Asia's biggest BESS officially opened in Singapore](#)

Feb 2, 2023 · Singapore has surpassed its 2025 energy storage deployment target three years early, with the official opening of the biggest battery storage project in Southeast Asia. The ...

### [Singapore's largest energy storage power station project ...](#)

Feb 10, 2023 · It was completed and put into operation as scheduled. Singapore's Jurong Island energy storage system is currently the largest energy storage system in Southeast Asia,



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### [Singapore Launches Largest Energy Storage System in ...](#)

Jul 28, 2023 · announced in a joint media release the opening of Sembcorp Energy Storage System ("ESS"), which is the largest ESS in Southeast Asia. The utility-scale ESS was ...

### [Sembcorp partners EMA to test energy storage system for ...](#)

Oct 27, 2025 · Sembcorp partners EMA to test energy storage system for grid stability Company also unveils Singapore's largest ground-mounted solar project - the Jurong Island Solar Farm.



### [Singapore opens Southeast Asia's largest energy storage](#)

Feb 2, 2023 · Singapore on Thursday officially opened the largest energy storage system in Southeast Asia as part of the city-state's efforts to guarantee energy security amid the global ...





## Sembcorp to expand Southeast Asia's biggest battery storage ...

Oct 24, 2024 · Built across two sites on Jurong Island, Sembcorp's lithium ion battery storage system will now be expanded to 311 MWh. Meanwhile, Singapore's Energy Market Authority ...



## Southeast Asia's largest energy storage system officially opens

Feb 2, 2023 · Commissioned in six months, the Sembcorp Energy Storage System (ESS) is Southeast Asia's largest ESS and is the fastest in the world of its size to be deployed. The ...

## Largest Energy Storage System in Southeast Asia Opens in Singapore

Feb 3, 2023 · Officially opened on February 2 by Sembcorp Industries (Sembcorp) and the Energy Market Authority (EMA), the 285 MWh utility-scale Sembcorp Energy Storage System (ESS) ...



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