
East Asia Integrated Energy Storage Solution

What is Sembcorp energy storage system (ESS)?

Singapore, February 2, 2023 - Sembcorp Industries (Sembcorp) and the Energy Market Authority (EMA) today officially opened the Sembcorp Energy Storage System (ESS). The Sembcorp ESS is Southeast Asia's largest ESS and spans across two hectares of land in the Banyan and Sakra region on Jurong Island.

What is an ESS system?

The ESS is an integrated system comprising more than 800 large-scale battery units and includes liquid cooling systems or built-in air conditioning systems to maintain optimal operating temperatures.

Will Sembcorp ESS support Singapore's transition to cleaner energy sources?

Mr Ngiam Shih Chun, Chief Executive of the Energy Market Authority, said: "Energy Storage Systems (ESS) such as the Sembcorp ESS will play a significant part in supporting Singapore's transition towards cleaner energy sources. This large-scale ESS marks the achievement of Singapore's 200MWh energy storage target ahead of time.

How does EMA facilitate ESS adoption in Singapore?

EMA's Accelerating Energy Storage for Singapore (ACCESS) programme facilitates ESS adoption in Singapore by promoting use cases and business models with industry partners and other government agencies. For more information, please visit:

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With so many moving parts, there has never been a more critical time to work together on solutions that will shape Asia's energy storage future. We look forward to ...

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