

# Energy storage device in Surabaya Indonesia

Will Indonesia build a battery energy storage system by 2022?

The agreement was made with other state-owned bodies, such as the Indonesian Battery Corporation, to build the Battery Energy Storage System by 2022. However, no information has yet been revealed about the Battery Energy Storage System's location or specific functions.

Is Surabaya a pilot city for energy transition in Indonesia?

Surabaya, Indonesia Sentinel -- Surabaya, the capital of East Java, has been selected as a pilot city for energy transition and efficiency efforts in Indonesia. The city officially launched its building sector decarbonization program on April 16, 2025, under the Sustainable Energy Transition in Indonesia (SETI) initiative.

What is thermal energy storage in Indonesia?

While no large projects exist in Indonesia, regional interest is growing. Thermal energy storage (TES) stores energy in the form of heat (or cold). Common approaches include molten-salt tanks, phase-change materials, or hot water/steam reservoirs.

Why do Indonesians need energy storage?

Indonesia's focus on industrial growth creates a demand for reliable power. BESS can offer backup power, improve power quality, and enable cost savings through peak shaving. The Indonesian government recognizes the importance of energy storage.

Is Indonesia ready to absorb more renewables?

As the Oliver Wyman study notes, neither Indonesia's grid nor its storage infrastructure is currently ready to absorb significantly more renewables. Long-Duration Energy Storage (LDES) is crucial for balancing supply and demand over days and seasons, enabling a reliable supply of Indonesia renewable energy.

What is a battery energy storage system?

The new energy storage system is a device that enables energy from renewables to be stored and then released based on the needs of the customer. The Battery Energy Storage System is a pilot project and is a concrete example of the government's attempt to shift away from diesel-generated power and transition to cleaner energy.

Apr 19, 2025&ensp;&#0183;&ensp;Surabaya, Indonesia Sentinel -- Surabaya, the capital of East Java, has been selected as a pilot city for energy transition and efficiency ...

Oct 16, 2024&ensp;&#0183;&ensp;Accelerating the energy transition is important to bring Indonesia into this circle. Zainal Arifin, EVP of Renewable Energy, PT ...

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Surabaya, 16 April 2025 - Surabaya City, East Java, has officially started the implementation of decarbonization of the building sector through the Sustainable Energy Transition in Indonesia ...

This research was intended to bridge the need for greenhouse gas-free energy storage device and the handling of abundant biomass wastes. These efforts would undoubtedly contribute to ...

Apr 25, 2025&ensp;&#0183;&ensp;INDONESIA ENERGY STORAGE MARKET KEY FINDINGS  
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Jun 25, 2025&ensp;&#0183;&ensp;Indonesia has recently launched a 5 megawatt Battery Energy Storage System (BESS). The new energy storage system is a device that enables energy from renewables to ...

Apr 19, 2024&ensp;&#0183;&ensp;There is growing market potential for Battery Energy Storage System (BESS) solutions for solar and wind energy in Indonesia.

Sep 12, 2025&ensp;&#0183;&ensp;Long-Duration Energy Storage (LDES) is crucial for balancing supply and demand over days and seasons, enabling a reliable supply of Indonesia renewable energy.

Does Indonesia have a grid-connected energy storage system? There, the global system integrator Fluence recently turned on a 20MW/20MWh grid-connected BESS as part of a ...

Top Energy Storage Companies in Indonesia The B2B platform for the best purchasing decision. Identify and compare relevant B2B manufacturers, suppliers and retailers

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