

Indonesia Surabaya Emergency Energy Storage Power Supply





Overview

Can energy storage systems be deployed in Indonesia?

Tapping into the limited but existing opportunities for deploying energy storage systems (ESS) is vital for expanding their role in Indonesia's power sector. At present, the greatest potential for ESS deployment lies in smaller and/or isolated systems, as well as in industrial or large scale commercial solar rooftop PV with BESS.

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.

Who is involved in the battery energy storage system project?

Subsidiaries of PLN involved in the Battery Energy Storage System project happen to be the primary electricity providers in Indonesia, such as PT Indonesia Power, PT Pembangunan Jawa Bali, and others. The plan to develop an energy storage system aligns with the positive growth in the renewable energy industry.



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high.

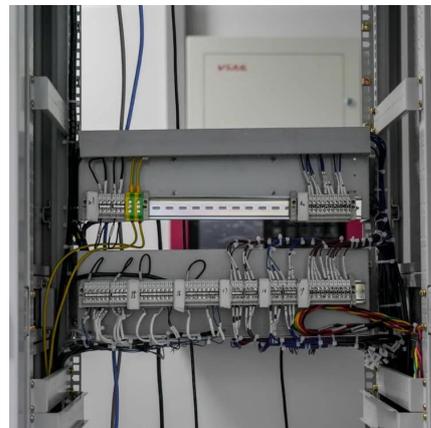


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1. A study on hydrogen, the clean energy of the future: Hydrogen storage methods, Journal of Energy Storage, Vol. 40, 2021 2. Indonesia Energy Policy and Outlook for Hydrogen, ...

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