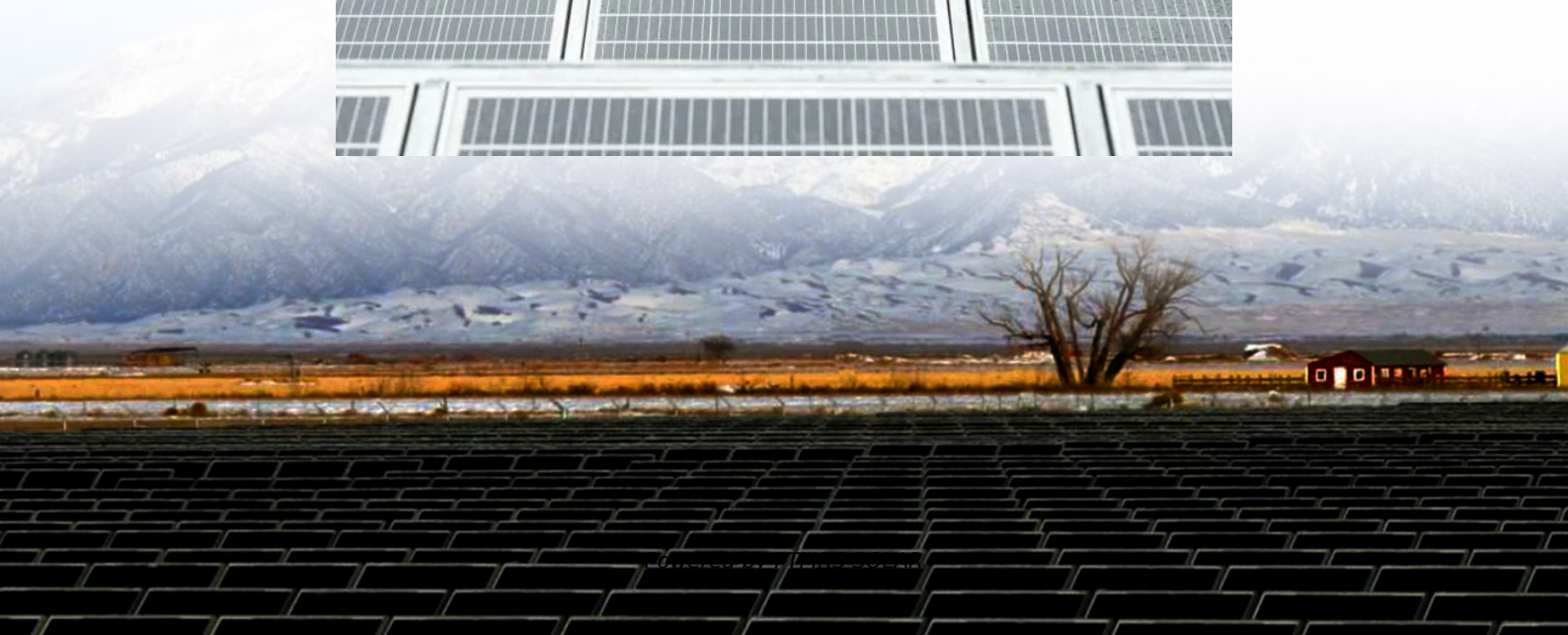


# **There is a battery energy storage project in Surabaya Indonesia**





## Overview

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Why is battery energy storage system important in Indonesia?

However, given the challenge of Indonesia's geological landscape, with many off-grid and remote areas, there is growing intermittency issue that hamper the development of solar and wind generation. Hence, the battery energy storage system (BESS) technologies have a critical role in the development of Indonesia's renewable energy.

Is battery storage taking off in Indonesia?

Despite the opportunities for manufacturing, from a deployment perspective, battery storage has not yet taken off in Indonesia beyond a handful of projects, including a 5MW pilot announced by the government in March 2022. Rept Battero has announced plans to develop an 8GWh gigafactory in Indonesia specialising in lithium-ion cells for BESS.

What is Indonesia's battery project?

This ambitious initiative aims to strengthen the country's battery supply chain and promote the adoption of sustainable energy. The project is designed to support Indonesia's 2060 carbon neutrality goals by establishing a green, circular industrial development model.

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 Pembangkitan Jawa Bali, and others. The plan to develop an energy storage system aligns with the positive growth in the renewable energy industry.



## There is a battery energy storage project in Surabaya Indonesia

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Indonesia Surabaya holds an electrochemical energy storage project

Why is battery energy storage system important in Indonesia? However, given the challenge of Indonesia's geological landscape, with many off-grid and remote areas, there is growing ...

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Surabaya Designated as Model City for Energy Transition in Indonesia

Apr 19, 2025 · 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 ...

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Surabaya Designated as Model City for ...

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

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Indonesia Clean Energy Battery Storage System

Apr 19, 2024 · Although, there is no policy mandating the installation of energy storage in solar or wind projects in Indonesia, the abundance of solar and wind resources in Indonesia's ...

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Key Facts about Indonesia's Energy Storage System

Jun 25, 2025 · 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 ...

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CATL's \$6 Billion Indonesia Battery Project ...

Jul 16, 2025 · CATL launches \$6B Indonesia Battery Integration Project, covering the entire battery value chain to support EV adoption and ...

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Indonesia Begins Southeast Asia's Largest EV ...

Jun 30, 2025 · Indonesia breaks ground on \$5.9B EV battery mega-project, aiming to lead Southeast Asia's green tech and energy independence.

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Indonesia announces bold 320 GWh distributed battery storage ...

Aug 11, 2025 · Industry Indonesia announces bold 320 GWh distributed battery storage plan The new initiative features plans for 1 MW solar minigrids tied with 4 MWh of accompanying battery ...

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Indonesia Begins Southeast Asia's Largest EV Battery Project ...

Jun 30, 2025 · Indonesia breaks ground on \$5.9B EV battery mega-project, aiming to lead Southeast Asia's green tech and energy independence.

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CATL's \$6 Billion Indonesia Battery Project Boosts EV ...

Jul 16, 2025 · CATL launches \$6B Indonesia Battery Integration Project, covering the entire battery value chain to support EV adoption and sustainable energy solutions.

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Rept Battero to develop 8GWh Indonesia BESS cell gigafactory

Jan 17, 2025 · Despite an opportunity for battery manufacturing in Indonesia, BESS deployment is yet to take off in the country. Image: REPT via LinkedIn Chinese battery manufacturer Rept ...

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Rept Battero to develop 8GWh Indonesia ...

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Indonesia Energy Storage Market 2024-2030

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Nov 19, 2025 · 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 ...

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Apr 25, 2025 · A 5MW battery energy storage system (BESS) pilot project has been launched by Indonesia's state-owned utility and battery manufacturer in an effort to transition away from ...

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