

# **Jakarta government s 600 million energy storage project**





## Overview

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Will Indonesia deploy 100 GW of solar?

The Indonesian government has revealed a new initiative aiming to deploy 100 GW of solar. The distributed solar for energy self-sufficiency program encompasses 80 GW of solar that will be deployed as 1 MW solar arrays with 4 MWh of accompanying battery energy storage systems (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.

Will 100 GW solar power plant be installed in villages?

According to pv magazine, the "100 GW Solar Power Plant Plan for Village Cooperatives," mandated by President Prabowo Subianto, will see 80 GW installed as 1 MW solar arrays paired with 4 MWh battery energy storage systems in 80,000 villages.

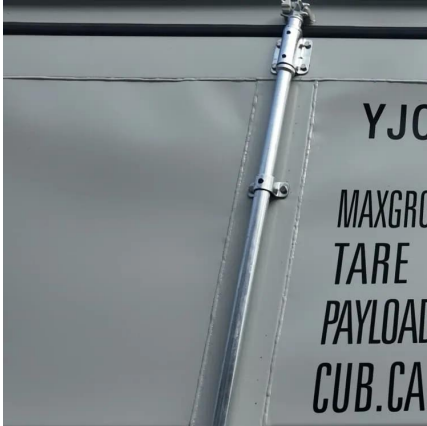
What is Indonesia's potential for solar energy?

Indonesia's technical potential for solar ranges from 3,300 GW to 20,000 GW, according to IESR estimates, while the country's long-term energy policy targets up to 108.7 GW of solar by 2060. If implemented effectively, the program could redefine Indonesia's energy landscape and serve as a global benchmark for large-scale distributed renewables.



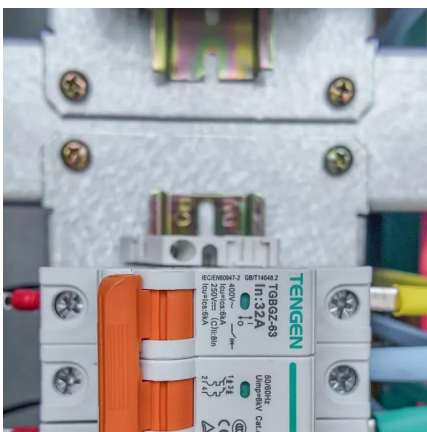
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### Jakarta's Energy Revolution: How New Storage Appliances Solve Indonesia

What's Next for Energy Storage in Jakarta?  
Industry watchers predict 2025-2028 will be transformative. With the new capital Nusantara prioritizing renewable microgrids, Jakarta's ...



### [Jakarta's New Energy Storage Power Station: Powering the ...](#)

Jul 21, 2023 · This isn't sci-fi - it's the future Jakarta aims to create with its groundbreaking New Energy Storage Power Station. As Southeast Asia's first grid-scale lithium-ion battery project

### [Indonesia-Singapore: TotalEnergies and RGE Reach New ...](#)

May 30, 2025 · The project will supply Clean Firm Power to energy-intensive consumers in Singapore and to industrial complexes near the solar site in Riau Province, Indonesia.

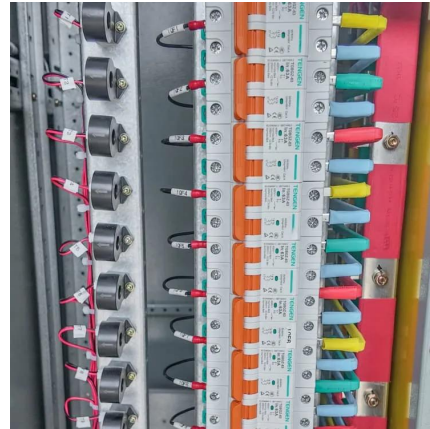


### [Indonesia Unveils 100 GW Solar Initiative With Massive ...](#)

Aug 12, 2025 · Indonesia has announced an ambitious plan to deploy 100 GW of solar power nationwide, combining large-scale generation with an unprecedented rural electrification push.  
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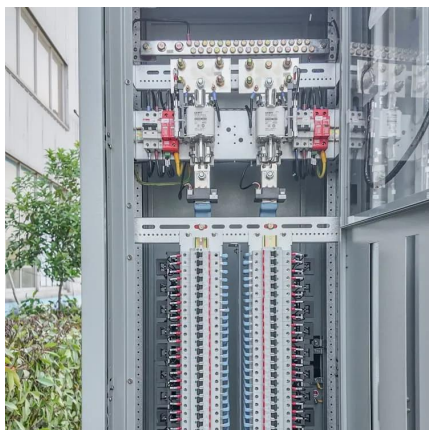
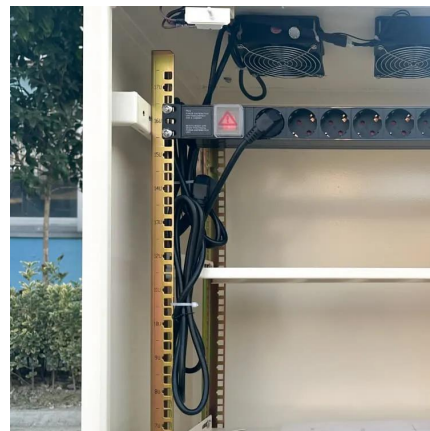


### [Indonesia announces 100 GW solar, storage minigrid plan](#)

Aug 12, 2025 · The Indonesian government has revealed a new initiative aiming to deploy 100 GW of solar. The distributed solar for energy self-sufficiency program encompasses 80 GW of ...

### [PRESS RELEASE RGE and TotalEnergies Ink Co ...](#)

May 28, 2025 · Solar Power and Battery Energy Storage Project in Indonesia Imelda Tanoto, Managing Director at RGE (right) and Helle Kristoffersen, President Asia and Member of the ...



### [Jakarta Energy Storage Technology: Powering Southeast ...](#)

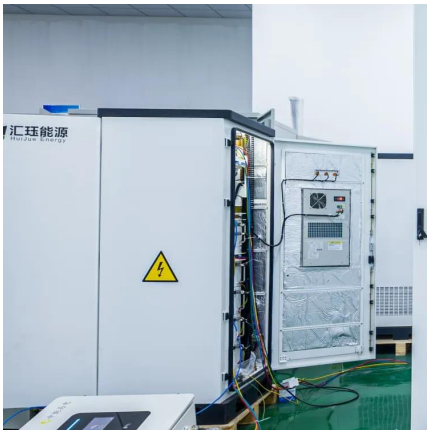
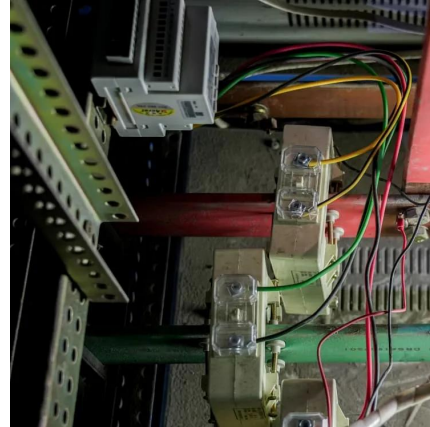
Why Jakarta Can't Afford to Ignore Energy Storage Solutions You know, Jakarta's energy demand grew 7.2% last year while renewable integration barely reached 12% of the grid [1]. With ...





## Jakarta Gravity Energy Storage: The Future of Renewable Energy?

Jun 17, 2023 · Why Jakarta? Well, the city's combination of dense population (30+ million in metro area), frequent power fluctuations, and available vertical space makes it ideal. Plus, ...



## Indonesia unveils plan for 100 GW of solar

Aug 11, 2025 · The new initiative features plans for 80 GW of 1 MW solar minigrids with accompanying battery energy storage, to be deployed across 80,000 villages, alongside 20 ...

## 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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