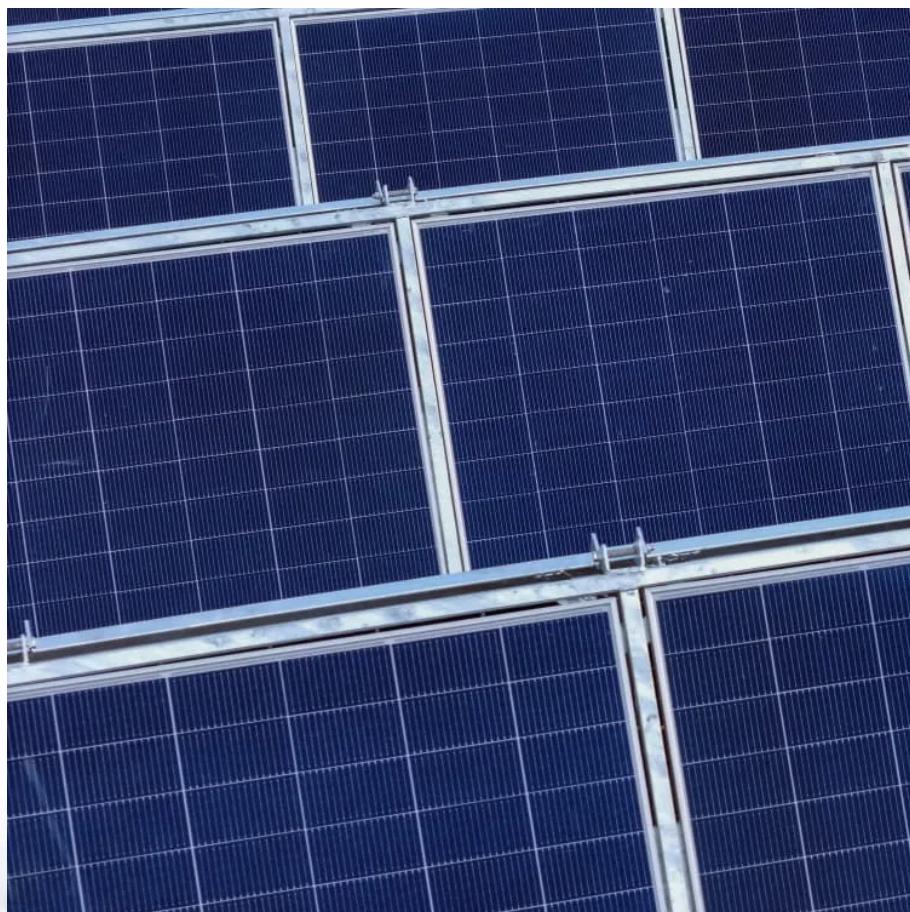


Indonesia Surabaya Integrated Mobile Energy Storage Power Plant





Overview

Will Indonesia deploy 100 GW of solar power?

The new initiative features plans for 1 MW solar minigrids tied with 4 MWh of accompanying battery energy storage, to be deployed across 80,000 villages, alongside 20 GW of centralized solar power plants. The Indonesian government has revealed a new initiative aiming to deploy 100 GW of solar.

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.

What is NSSE power plant?

The NSSE Power Plant, built on approximately 87 hectares of land, is the first utility-scale integrated solar and energy storage project in Nusantara, Indonesia. Comprising a 50MW solar farm with a 14.2MWh battery energy storage system, this project is Sembcorp's inaugural venture into large-scale solar development in Indonesia.

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.



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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 ...

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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 ...

Indonesia: Launch of a Solar Power Plant with Energy Storage...

Dec 4, 2025 · The integrated energy storage system addresses the intermittency of solar power production, ensuring a reliable and continuous energy supply. This approach is particularly ...

Mapping Growth Opportunities for Solar Energy and Energy Storage ...

Oct 16, 2024 · Accelerating the energy transition is important to bring Indonesia into this circle. Zainal Arifin, EVP of Renewable Energy, PT PLN, said that the combination of VREs and ...

Sembcorp and PLN Nusantara Power Launches First Utility ...

Jan 20, 2025 · The NSSE Power Plant, built on approximately 87 hectares of land, is the first utility-scale integrated solar and energy storage project in Nusantara, Indonesia. Comprising a ...

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 ...

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. ...

Indonesia: Launch of a Solar Power Plant with ...

Dec 4, 2025 · The integrated energy storage system addresses the intermittency of solar power production, ensuring a reliable and ...

Indonesia Clean Energy Battery Storage System

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

Indonesian government targets 320GWh BESS in new scheme

Aug 14, 2025 · The government of Indonesia has launched a programme that aims to build 100GW of solar PV and 320GWh of BESS in the coming years, mostly distributed across ...



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