

# Indonesia Surabaya Integrated Mobile Energy Storage Power Plant

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.

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 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.

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 ...

The Ministry of Energy and Mineral Resources (ESDM) has revealed that Surabaya City, East Java is a pilot area for the Sustainable Energy Transition in Indonesia ...

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PT Sembcorp Renewables Indonesia, part of Sembcorp, and PT PLN Nusantara Renewables have launched a solar-plus-storage project in Indonesia.

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 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 ...

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

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