



IMK CONTAINERS

# Solar Energy Storage in Surabaya Indonesia





## Overview

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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.

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).

How much solar energy does Indonesia have?

The initiative is still under development, with Indonesia's Ministry of Energy and Mineral Resources, Coordinating Ministry of Economic Affairs and Coordinating Ministry of Food responsible for its preparation. IESR has estimated Indonesia has a potential solar energy capacity ranging from 3,300 GW to 20,000 GW.

What is Indonesia's first & largest containerized battery energy storage system?

Indonesia's First & Largest Containerized Battery Energy Storage System. Off-grid solar energy system at PT Cipta Kridatama equipped with CBESS. The CBESS solar energy system at PT Cipta Kridatama Jambi operates off-grid, making it a reliable, self-sustaining energy source without dependence on the national electricity grid.



## Solar Energy Storage in Surabaya Indonesia



[Surabaya chosen as pilot city for Indonesia ...](#)

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 (SETI) project, which is a collaboration ...

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Indonesia's Energy Challenge: Why Solar Battery Storage Is the Key to Reliable Power Indonesia, the largest archipelago in the world, faces a unique set of energy ...

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[Indonesia unveils plan for 100 GW of solar](#)



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 ...

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[Indonesia unveils plan for 100 GW of solar](#)

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 GW of centralized solar power plants.

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