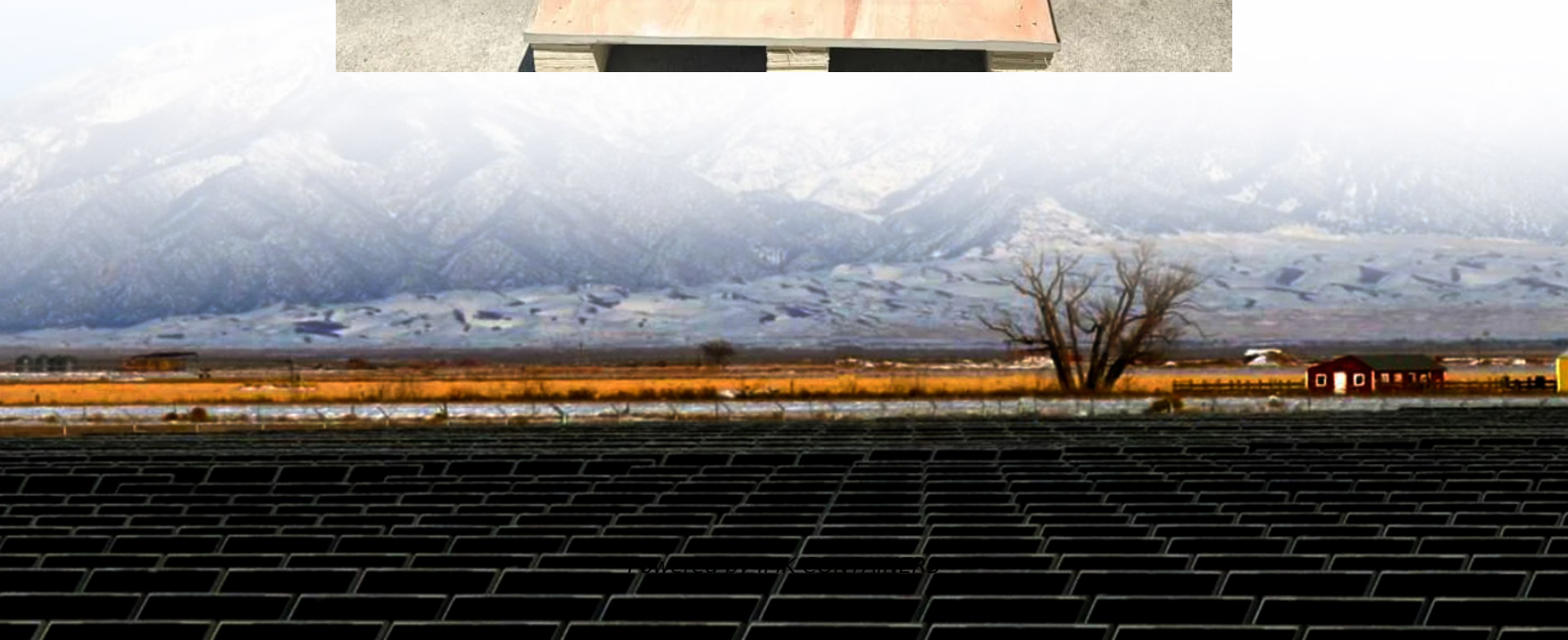


# **Indonesia Surabaya solar Project Energy Storage**





## 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 build 100GW of solar PV & 320gwh of Bess?

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 smaller projects in rural areas. The programme will consist of 80GW of solar PV plants and 320GWh of battery energy storage systems (BESS) across 80,000 villages.

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).

What is Indonesia's first utility-scale solar and storage project?

Sembcorp and PLN inaugurated Indonesia's first utility-scale solar and storage project, NSSE, featuring a 50 MW solar farm and 14.2 MWh battery system. More here. The NSSE Power Plant inauguration marks Indonesia's first utility-scale solar and storage integration on 87 hectares. (Image Source: Sembcorp)



## Indonesia Surabaya solar Project Energy Storage



### Optimal energy storage configuration to support 100 % renewable energy

This paper, on the long-term planning of energy storage configuration to support the integration of renewable energy and achieve a 100 % renewable energy target, combines ...

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company specialising in solar photovoltaic complete system integration and energy storage solutions. One of the fastest growing companies in Indonesia, they currently have a portfolio of ...

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Indonesia has announced an ambitious plan to deploy 100 GW of solar power nationwide, combining large-scale generation with an unprecedented rural electrification push. According to pv magazine, the ...

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Surabaya City, East Java, has officially started the implementation of decarbonization of the building sector through the Sustainable Energy Transition in Indonesia ...

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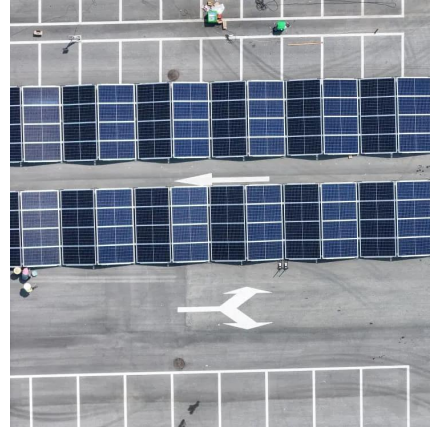


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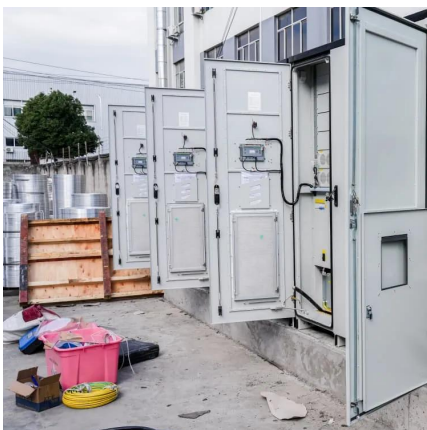
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### system

The first and largest containerised battery energy storage system (CBESS) for solar power has been launched in Indonesia. In a statement, SUN Energy said the project is ...

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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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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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### Surabaya Designated as Model City for Energy



### Transition in Indonesia

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