

# **Indonesia Surabaya puts energy storage power station into operation**





## Overview

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Indonesia's state-owned utility and battery producer have launched a 5MW battery energy storage system (BESS) pilot project as it seeks to move away from diesel-generated power. 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.

Why was Surabaya chosen as a transition energy model city?

Surabaya was chosen for transition energy model city considering its considerable energy-saving potential, existing green building certification framework, rapidly growing construction sector, and the capacity of local stakeholders to manage energy transition projects.

What is battery & energy storage Indonesia 2026?

Battery & Energy Storage Indonesia 2026 is intended to be the ideal platform to get up close with the latest advancements in battery and energy storage solutions, gain valuable knowledge from leading experts, expand business network, and find the latest information in the relevant industries.

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.



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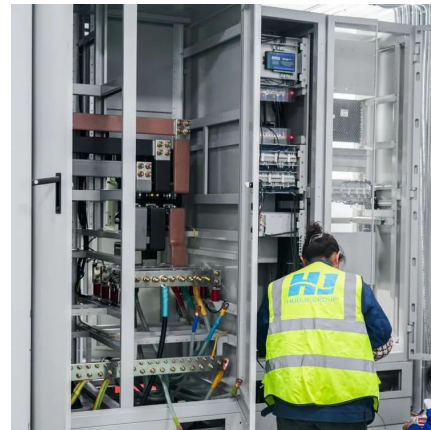


### Indonesia announces bold 320 GWh distributed battery storage ...

Aug 11, 2025 · 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 ...

### Indonesia

The landmark projects include Jakarta-Bandung High-Speed Railway Project, Batang Toru Hydropower Station, Jatigede Dam Project, Cirata Floating ...



### Portable Energy Storage Power Supply Solutions in Surabaya ...

SunContainer Innovations - Summary: Surabaya, Indonesia's second-largest city, is rapidly adopting portable energy storage solutions to address power instability and support ...



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

Apr 17, 2025 · The Ministry of Energy and Mineral Resources (ESDM) has revealed that Surabaya City, East Java is a pilot area for the Sustainable ...



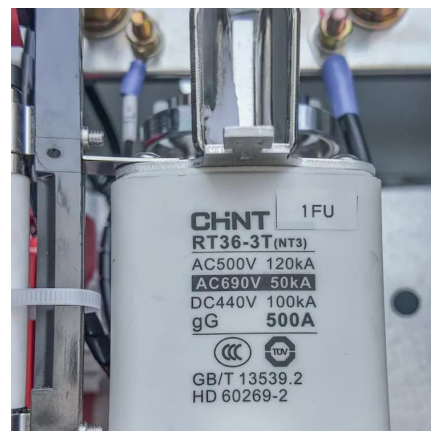
### Indonesia IKN 50MW PV + 14MWh Energy Storage EPC

Aug 12, 2024 · On August 5th local time, China Energy Engineering Group Shanxi Electric Power Engineering Co., Ltd.(SEPEC)and ZTPI, as the joint general contractor, held the ...



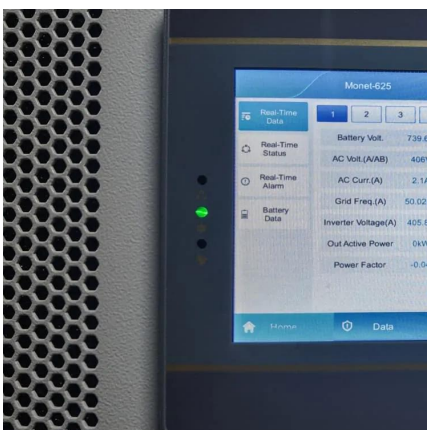
### Indonesia launches first containerised energy ...

Feb 26, 2025 · The first and largest containerised battery energy storage system (CBESS) for solar power has been launched in Indonesia. In a ...



### China's Largest Grid-Forming Energy Storage Station ...

Apr 9, 2024 · On March 31, the second phase of the 100 MW/200 MWh energy storage station, a supporting project of the Ningxia Power's East Ningxia Composite Photovoltaic Base Project ...





## Indonesia Surabaya holds an electrochemical energy storage ...

How to accelerate energy storage deployment in the Indonesian power system? To accelerate energy storage deployment in the Indonesian power system, key actions are needed to ...

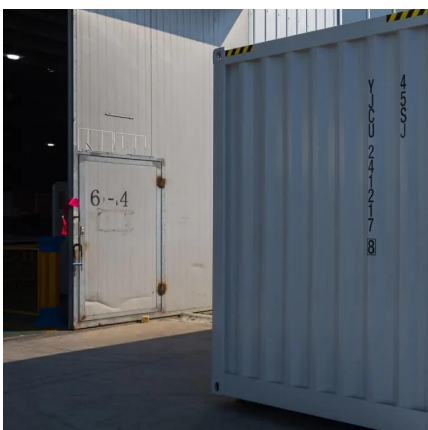
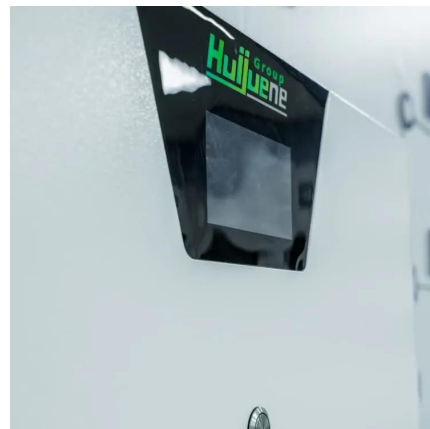


## my country's largest tidal flat photovoltaic power storage station ...

Jan 7, 2025 · Today (7th), my country's largest tidal flat photovoltaic energy storage power station - Huadian Laizhou large-scale saline-alkali tidal flat photovoltaic storage integration project ...

## SURABAYA DESIGNATED AS MODEL CITY FOR ENERGY TRANSITION IN INDONESIA

The world's first 300-megawatt compressed air energy storage (CAES) demonstration project, "Nengchu-1," has achieved full capacity grid connection and begun generating power in ...



## The largest energy storage power station in Surabaya Indonesia

The Upper Cisokan Pumped Storage (UCPS) Hydroelectric Power Plant (PLTA) development project is claimed to be the largest hydropower plant and the first power plant using Pumped ...



## [Indonesia Surabaya Integrated Mobile Energy Storage ...](#)

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. ...

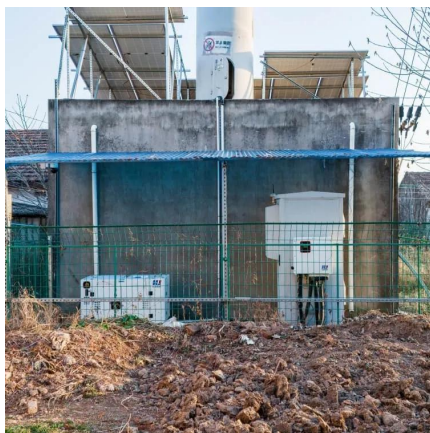
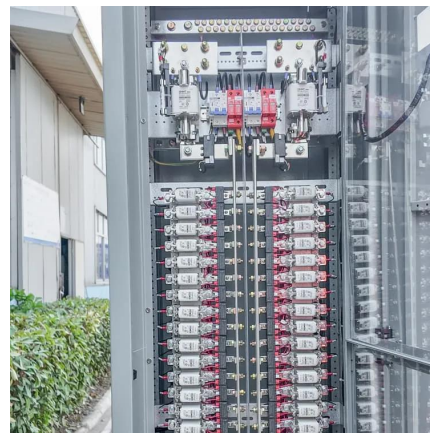


## **Largest New-Type Energy Storage Power Station in GBA Put into Operation**

Jan 17, 2024 · The Baotang energy storage station in Foshan, South China's Guangdong Province, the largest of its kind in the Guangdong-Hong Kong-Macao Greater Bay Area ...

## **Southeast Asian countries to bring 16 GW of new PSPPs into operation**

Jun 21, 2024 · Southeast Asian countries to bring 16 GW of new PSPPs into operation over next decade The installed capacity of pumped storage power plants (PSPPs) in Southeast Asian ...



## **Surabaya chosen as pilot city for Indonesia-Germany sustainable energy**

Apr 17, 2025 · 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 ...



### Southeast Asian countries to bring 16 GW of ...

Jun 21, 2024 · Southeast Asian countries to bring 16 GW of new PSPPs into operation over next decade The installed capacity of pumped storage ...



### **China National Petroleum Corporation puts into operation ...**

The photovoltaic power station put into operation on the same day is the first megawatt-level photovoltaic energy storage power station of China Petroleum in Iraq, covering an area of ...

### 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 ...



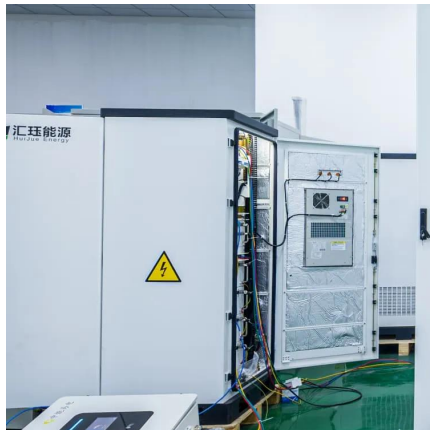
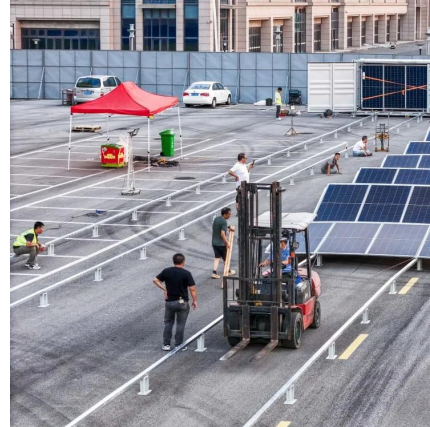
### Pumped-storage renovation for grid-scale, ...

Jan 20, 2025 · Grid-scale, long-duration energy storage has been widely recognized as an important means to address the intermittency of wind ...



### Map of Power Plants In Indonesia

Mar 20, 2025 · 3. Regional Power Distribution  
Java: As the most populous island, Java is the hub of Indonesia's electricity generation, with a high concentration of coal-fired, natural gas, and ...

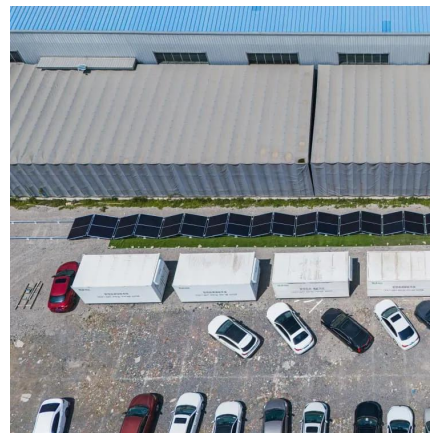


### Narada Power Source Puts China's First Modular Storage

Oct 25, 2017 · In order to standardize construction of storage power plants and reduce the time needed to build them, Narada designed a modular system to fill in the blanks at a technical ...

### **Indonesia Surabaya puts energy storage power station into operation**

In order to promote the deployment of large-scale energy storage power stations in the power grid, the paper analyzes the economics of energy storage power stations from three aspects of ...



### Indonesia announces bold 320 GWh ...

Aug 11, 2025 · The new initiative features plans for 1 MW solar minigrids tied with 4 MWh of accompanying battery energy storage, to be deployed ...



## Surabaya Designated as Model City for Energy Transition in Indonesia

Apr 19, 2025 · 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 ...



## Surabaya Selected as Pilot Project for Sustainable Energy ...

The Indonesian Ministry of Energy and Mineral Resources (ESDM) has designated Surabaya and Batam as pilot cities for the Sustainable Energy Transition in Indonesia (SETI) program, a ...

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