

## SolarInnovate Energy Solutions

# There is a battery energy storage project in Surabaya Indonesia



## Overview

---

The Battery Energy Storage System is a pilot project and is a concrete example of the government's attempt to shift away from diesel-generated power and transition to cleaner energy. Will Indonesia build a battery energy storage system?

JAKARTA, March 18 (Xinhua) -- Indonesia's state-owned electricity company PT PLN and its subsidiaries have collaborated with the Indonesia Battery Corporation (IBC) to build a battery energy storage system (BESS) with a capacity of 5 Megawatts (MW) this year.

Why is Indonesia launching a 5MW battery energy storage system?

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.

Who is involved in the battery energy storage system project?

Subsidiaries of PLN involved in the Battery Energy Storage System project happen to be the primary electricity providers in Indonesia, such as PT Indonesia Power, PT Pembangkitan Jawa Bali, and others. The plan to develop an energy storage system aligns with the positive growth in the renewable energy industry.

Why is there a growing demand for battery storage in Indonesia?

There is a growing demand for battery storage in Indonesia as the development of renewable energy plants, especially solar power plants and wind power plants, requires batteries to provide a stable and consistent electricity supply.

Can Singapore make solar panels and battery energy storage systems in Indonesia?

Singapore-based developer Vena Energy says it will investigate opportunities

to make solar panel components and battery energy storage systems in Indonesia, in order to support a hybrid megaproject with up to 2 GW of solar and more than 8 GWh of energy storage. From pv magazine Australia.

Will PLN build a 5 MW battery energy storage system?

The Indonesian state-owned utility PLN has signed a memorandum of understanding (MOU) with the Indonesia Battery Corporation (IBC) to build a 5 MW battery energy storage system (BESS) pilot project this year, as the country shifts from diesel-generated power to renewable energy.

## There is a battery energy storage project in Surabaya Indonesia



### Battery Energy Storage System (BESS) market di Indonesia

Apr 21, 2021 · The first utility-scale solar + storage to replace peaker generation is in the pipeline Power sector: Solar PV + storage project Indonesia Power's Hijaunesia "equity partner" auction:

### RGE and TotalEnergies team up for solar, energy storage project ...

May 29, 2025 · The project is under a develop, build, and operate arrangement. RGE and TotalEnergies, through their equally owned joint venture Singa Renewables, have entered into ...



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

Aug 1, 2024 · 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 ...



## CATL and Partners Break Ground on US\$6 Billion Battery

Jun 30, 2025 · The other key component of the project is the establishment of Indonesia's first renewable energy circular system, with nickel mining and processing, battery materials, and ...



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

Aug 11, 2025 · 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 ...

## 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 ...



## Contact Us

---

For catalog requests, pricing, or partnerships, please visit:  
<https://institut3i.fr>