

## Kongres Container

# Large-scale energy storage batteries in the Philippines



## Overview

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Can battery energy storage systems be deployed in the Philippines?

In the Philippines, battery energy storage systems are still in their nascent stages. While policies like the inclusion of Integrated Renewable Energy and Energy Storage Systems (IRESS) in national auction programs have been put in place, actual deployment faces significant hurdles.

Will Philippines build a large-scale solar farm-cum-storage project?

The Philippines-based Prime Infrastructure Holdings has announced plans to build a large-scale solar farm-cum-storage project in the Southeast Asian country, comprising 3.5GW of photovoltaics backed by 4.5GWh of battery storage.

Is the Philippines integrating energy storage into its energy mix?

She highlighted the country's existing large-scale pumped hydro facility and a target of 1.1 GW for IRESS deployment through the Green Energy Auction Program, showcasing the Philippines' dedication to integrating energy storage into its energy mix.

Why is battery storage important in Southeast Asia?

With energy demand soaring in the region, battery storage is a crucial technology for ensuring stable, reliable, and clean power systems." Kitty Bu, Vice President, Southeast Asia at GEAPP, echoed this sentiment, highlighting the dual nature of rapid renewable growth. "It's both a remarkable achievement and a significant challenge," she noted.

How many solar projects are being built in the Philippines?

Manila-based Solar Philippines, the largest solar company in the country, is expected to have 400MW of projects in operation and multi-megawatt pipeline projects under construction, including a 500MW one still under construction in Nueva Ecija province, about 100km north of Manila solar power plant.

Does the Philippines have a strong energy supply?

A significant amount of the Philippines' primary energy supply is still fossil fuel-based, making the country vulnerable to rising energy costs and market volatility while the energy production is at the same time CO2 intensive.

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