

Flywheel energy storage at Cebu Power Plant in the Philippines





Overview

Can a flywheel energy storage system be used in the Philippines?

They considered the use of a flywheel energy storage system developed by US-based Amber Kinetics. A group of flywheel storage experts from De La Salle University and California-based Amber Kinetics has investigated potential opportunities and issues for the deployment of this storage technology in the Philippines.

Can a flywheel power a tropical country like the Philippines?

“In addition, aside from the basic electric energy source through the grid, the flywheel can also store energy from renewable sources like wind and solar. Hence, this technology fits a tropical country like the Philippines.”.

What is a flywheel energy storage system?

“Flywheel energy storage systems can capitalize on storing energy during off-peak periods of the day and releasing them during peak usage periods,” researcher Roy Francis Navea told pv magazine. “In addition, aside from the basic electric energy source through the grid, the flywheel can also store energy from renewable sources like wind and solar.

What is Central Visayas energy storage system?

Slated for commissioning in the first half of 2026, the facility is one of the first large-scale energy storage systems in Central Visayas. It aims to support rising power demand from industries and businesses in the area and enhance grid stability amid the energy transition.



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Aboitiz Power begins construction of 30MW BESS at thermal plant in Cebu

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...

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