



BUHLE POWER

Philippine Energy Flywheel Storage





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.

What opportunities are awaiting the flywheel energy storage technology?

Opportunities awaiting the flywheel energy storage technology can be found in its integration with renewable solar and wind energy systems, and its significant leverage over Li-ion battery-based energy storage systems.

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.

Will flywheel technology make energy storage more sustainable?

Pioneered by Amber Kinetics in the Philippines, the flywheel technology promises more sustainable energy storage systems in the next decades. Share: Isiah Thomas Miranda



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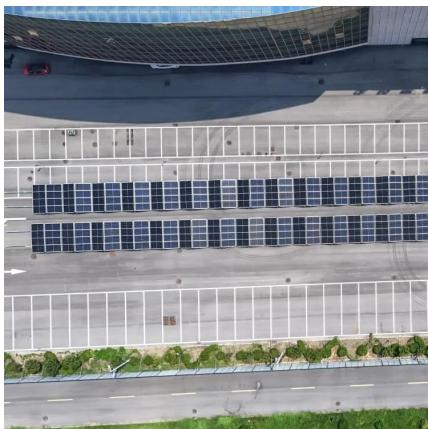
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