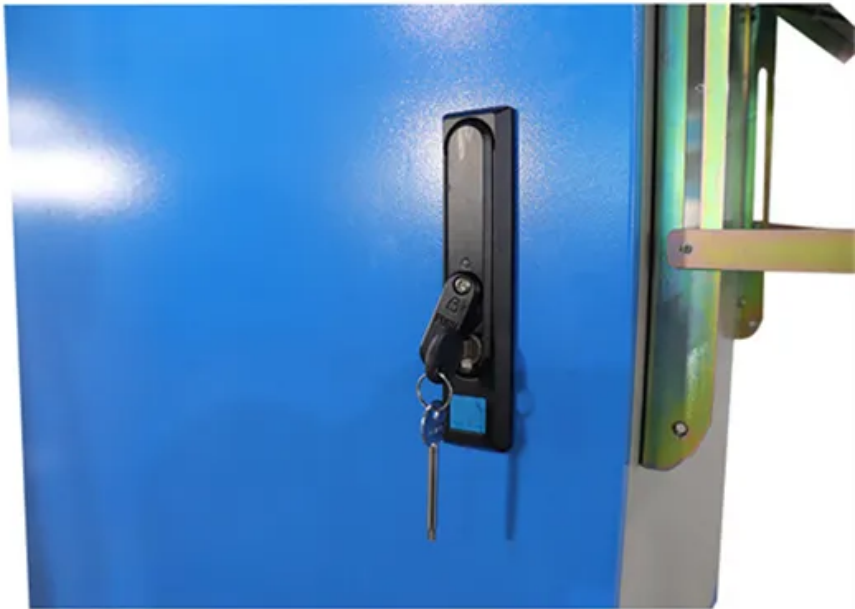


Energy storage power station in manila



Overview

After a year of continuous development, Meralco PowerGen Corp. (MGen) announced that the large-scale solar facility, which stretches across multiple municipalities, has finally been energized and linked to the Luzon grid.

Energy storage power station in manila

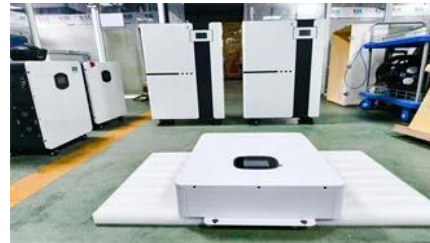


[MGen energizes Philippines' largest solar, battery storage project](#)

After a year of continuous development, Meralco PowerGen Corp. (MGen) announced that the large-scale solar facility, which stretches across multiple municipalities, has finally been

[MIT Energy Initiative conference spotlights research](#)

At the MIT Energy Initiative's Annual Research Conference, industry leaders agreed collaboration is key to advancing critical technologies amidst a changing energy landscape.



Homepage - Terra Solar Philippines, Inc.

MGen and its subsidiary, SPNEC have agreed to enter into a strategic partnership with Actis to invest in a 40% equity stake in Terra Solar - poised to be the

Evelyn Wang: A new energy source at MIT

As MIT's first vice president for energy and climate, Evelyn Wang is working to broaden MIT's research portfolio, scale up existing innovations, seek new breakthroughs, and channel



Meralco Terra Solar Farm

The Meralco Terra (MTerra) Solar Project is a solar power and energy battery storage facility project under construction in the Philippines.

[China Energy Alliance Signs EPC Contract for Mega](#)

The Phase I project, which was recently contracted, encompasses 1.4 GW of PV capacity and 3.3 GWh of energy storage capacity. Construction



[How artificial intelligence can help achieve a clean energy future](#)

A look at how AI can be used to help support the clean energy transition by helping to manage power grid operations, plan infrastructure investments, guide the development of novel

[New facility to accelerate materials solutions for fusion energy](#)

The new Schmidt Laboratory for Materials in Nuclear Technologies (LMNT) at the MIT Plasma Science and Fusion Center accelerates fusion materials testing using cyclotron proton beam



[Philippines Pumped Storage Power Stations: The Hidden Heroes of](#)

That's exactly where Philippines pumped storage power stations come into play. As the country races toward its 35% renewable energy target by 2030, these facilities are becoming the

[Meralco energises Phase 1 of 3.5GW MTerra solar-plus](#)

Meralco PowerGen Corporation, a subsidiary of Philippines-based utility firm Manila Electric Company (Meralco), has completed initial grid



[MTerra Solar Project Breaks Ground: A Monumental](#)

With its unprecedented scale and forward-



[New materials could boost the energy efficiency of microelectronics](#)

MIT researchers developed a new fabrication method that could enable them to stack multiple active components, like transistors and memory units, on top of an existing circuit, which



[Next-generation geothermal energy: Promise, progress, and challenges](#)

Geothermal energy, a clean, continuous energy source accessible in many locations, has been slow to catch on. Nearly 2,000 years ago, the Romans made extensive use of geothermal



[A new approach could fractionate crude oil using much less energy](#)

MIT engineers developed a membrane that filters the components of crude oil by their molecular size, an advance that could dramatically reduce

thinking design, the MTerra Solar Project is a cornerstone in the Philippines' clean energy transition.



[What's the best way to expand the US electricity grid?](#)

Growing energy demand means the U.S. will almost certainly have to expand its electricity grid in coming years. What's the best way to do this? A new study by MIT researchers examines



[Explained: Generative AI's environmental impact](#)

MIT News explores the environmental and sustainability implications of generative AI technologies and applications.



the amount of energy needed for crude oil



[Using liquid air for grid-scale energy storage](#)

Liquid air energy storage could be the lowest-cost solution for ensuring a reliable power supply on a future grid dominated by carbon-free yet intermittent energy sources, according to a new

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