Energy company uses 100-foot solar-powered container in Chile

Overview

Grenergy Renovables, an independent renewable energy company based in Spain, is delivering the world's largest hybrid solar and battery storage project, Oasis de Atacama, in northern Chile.

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[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

[Innergex inaugurates 50-MW250-MWh BESS in Chile]

The Salvador BESS is Innergex's largest battery energy storage project to date, said CEO Michel Letellier. It is also the company's first utility

[Solar and Storage Solutions: Zelestra's Vision for Chile's Grid]

Zelestra will develop a 220 MWp of solar Photovoltaic and 1 GWh of energy storage capacity in Chile. Solar and storage projects are crucial in Chile's decarbonization goals for

[Chile: 2GWh+ of energy storage projects proposed in September]

Nine projects pairing solar or wind with energy storage submitted were proposed in Chile last month by companies including Engie and EDF.

[Grenergy expands storage system agreement with]

Spanish renewable energy company Grenergy has renewed its agreement with BYD to supply large-scale storage systems for the Oasis de

[Introducing the MIT-GE Vernova Climate and Energy Alliance]

The MIT-GE Vernova Climate and Energy Alliance, a five-year collaboration between MIT and GE Vernova, aims to accelerate the energy transition and scale new innovations.

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

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

Explained: Generative AI's environmental impact

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

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Several technological innovation can help develop solar and storage projects in Chile. This includes AI, smart grids, and energy storage innovations. Chile generates over 60% of its electricity from

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

[Supporting The World's Largest Energy Storage](#)

Grenergy Renovables, an independent renewable energy company based in Spain, is delivering the world's largest hybrid solar and battery storage

[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

[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

[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.

[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

the amount of energy needed for crude oil

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