

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

Unlocking its secrets could thus enable advances in efficient energy production, electronics cooling, water desalination, medical diagnostics, and more. "Boiling is important for ...

With solar capacity expected to grow by 200% in Chile alone by 2030 [4], companies like Canadian Solar's e-STORAGE and CL Energy Storage are racing to deploy battery-packed containers faster ...

New research emphasizes the importance of well-validated models and forecasting tools in evaluating choices for investments in clean energy technologies and policies by governments and ...

Chinese companies have in recent years built, or announced plans to build, Chile's longest power line, solar plants and wind farms, while in battery storage, solar giant Trina has ...

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 ...

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 ...

The Background ENGIE's 638 MWh BESS Coya project in Chile is set to become Latin America's largest energy storage facility and a global benchmark for DC-coupled solar-plus-storage. A project ...

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

In Chile's north, Spanish company Grenergy Renovables is developing a massive 4.1 gigawatt hour (GWh) storage facility. And new data shows the country already has 954MW of ...

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 ...

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 ...

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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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.

The company's dedication to innovation and sustainability has positioned it as a leader in the renewable energy sector. In Chile, Canadian Solar has already completed several solar ...

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

AES Andes, a subsidiary of U.S. company AES Corp. operates all 64MW at their Angamos and Los Andes substations. In addition, AES Andes announced plans to invest \$400 ...

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