

# Energy Storage New Energy cx



## Overview

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Cx New Energy is a series A company based in Tianjin (China).

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### Marin Clean Energy Storage Program

The U.S. Department of Energy (DOE) is proposing to administer Congressionally Directed Spending to Marin Clean Energy (MCE) to install battery energy storage systems (BESS) at critical facilities

### Making clean energy investments more successful

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



### 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

### Giving buildings an "MRI" to make them more energy-efficient and

Founded by a team from MIT, Lamarr.AI utilizes drones, thermal imaging, and AI to identify energy waste and structural issues in buildings and recommend retrofits.





## **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

### [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.



## **MIT engineers create an energy-storing supercapacitor from ancient**

MIT engineers created a carbon-cement supercapacitor that can store large amounts of energy. Made of just cement, water, and carbon black, the device could form the basis for

## **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



## **Study: Fusion energy could play a major role in the global response to**



## 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



## [Our Innovative Solar Plus Battery Storage Project Is](#)

We are happy to announce that our first investment in new renewable energy, an innovative solar plus battery storage project in Kern County, is now producing



Investigators in the MIT Energy Initiative and the MIT Plasma Science and Fusion Center have found that - depending on its future cost and performance - fusion energy has the potential



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

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



## [California targets up to 2 GW of long-duration storage](#)

California will solicit up to 2 GW of long-duration energy storage resources as part of a 10.6-GW centralized procurement for emerging clean

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