

# Energy storage for renewable energy lisbon



## Overview

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That's the vision behind Lisbon's groundbreaking energy storage plant, now operational and setting benchmarks for renewable integration.

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### [Spain Advances Energy Storage Integration with First Solar-BESS](#)

A significant milestone in Spain's energy transition has been achieved as Zelestra and EDP signed the country's first power purchase agreement (PPA) to hybridise an operational solar plant

### **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



### **Hyperion Renewables, Saft and Omexom build**

These will be Hyperion's first hybrid (solar + storage) projects and among the first of their kind to move into implementation in the Iberian

### [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



### [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

[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.

[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



[Sonneditx completes first financing in Portugal for hybrid battery](#)

Lisbon - Sonneditx, a global renewable energy company with more than 4 GW in operation worldwide, has completed the financial close of its first hybrid battery energy storage

[Concrete "battery" developed at MIT now packs 10 times the power](#)

New concrete and carbon black supercapacitors with optimized electrolytes have 10 times the energy storage of previous designs and can be incorporated into a wide range of architectural



[Energy , MIT News , Massachusetts Institute of Technology](#)

Massachusetts Clean Energy Center CEO MBA '12 Emily Reichert highlights the state government's unique approach to fostering and keeping clean energy innovation.

**Explained: Generative AI's environmental impact**

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



[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

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