



# Energy storage rechargeable batteries for factories





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### 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 ...

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### MIT Climate and Energy Ventures class spins out entrepreneurs ...

In MIT course 15.366 (Climate and Energy Ventures) student teams select a technology and determine the best path for its commercialization in the energy sector.

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### Unlocking the hidden power of boiling -- for energy, space, and ...

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

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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 ...



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### [Taking the "training wheels" off clean energy](#)

At the 2025 student-led MIT Energy Conference, energy leaders from around the world discussed how to make green technologies competitive with fossil fuels.

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### [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 ...

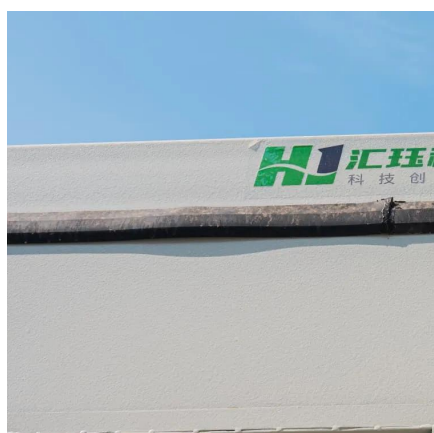
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### [Using liquid air for grid-scale energy storage](#)

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, ...

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### [Study shows how households can cut](#)



## [energy costs](#)

Giving people better data about their energy use, plus some coaching, can help them substantially reduce their consumption and costs, according to a study by MIT ...

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## **Confronting the AI/energy conundrum**

The MIT Energy Initiative's annual research spring symposium explored artificial intelligence as both a problem and solution for the clean energy transition.

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## **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 ...

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