Energy storage projects will be subject to large industrial electricity prices

Overview

On September 20, 2025, battery storage developers received clarity that tax incentives under the Inflation Reduction Act (IRA) would remain untouched, just as wholesale electricity prices across U.

Energy storage projects will be subject to large industrial electricity

[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

[US energy storage outlook dented by Trump policies]

Rising renewable energy capacity and falling battery prices have spurred demand for utility-scale energy storage that strengthens grid reliability

[Tariffs and Trade Risk in Energy Storage Projects 2026]

The US administration has imposed sweeping tariff regimes and pursued remedies specifically affecting industries critical to energy storage, which have had a significant impact on project development.

[Battery Storage Demand Surges as Power Prices Climb]

On September 20, 2025, battery storage developers received clarity that tax incentives under the Inflation Reduction Act (IRA) would remain untouched, just

[A comprehensive review of the impacts of energy storage on power]

This manuscript illustrates that energy storage can promote renewable energy investments, reduce the risk of price surges in electricity markets, and enhance the security of

[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.

[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

[Tariff Threats: Energy Storage Prices Could Rise 35]

If steeper tariffs are enacted on the global battery energy storage supply chain under the Trump Administration, the near-term impact could raise U.S. costs on

2026 ENERGY STORAGE POLICY & MARKET ROADMAP

In this eight-chapter report, our lawyers analyze the key trade, financing, regulatory, investment, and policy developments shaping the energy storage market in 2026 and beyond and outline practical

Navigating One Big Beautiful Bill and tariffs in U.S.

Prioritize high-price states & battery storage: States with elevated retail electricity prices (e.g., California, Massachusetts, Maine) continue to

A 2025 Update on Utility-Scale Energy Storage

Changes in trade and tax policy may increase costs and put a damper on near-term forecasted energy storage projects. On February 4, 2025,

Energy storage in 2025: Year in review

Despite an increase in battery metal costs, global average prices for battery storage systems continued to tumble in 2025.

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

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

[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

[Cost Projections for Utility-Scale Battery Storage: 2025 Update]

In this work we describe the development of cost and performance projections for utility-scale lithium-ion battery systems, with a focus on 4-hour duration systems. The projections are developed from an

[Study: Fusion energy could play a major role in the global response to]

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.

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