

# Energy storage box fell and caught fire



## Overview

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On the afternoon of 16 January 2025, a fire broke out at Moss Landing Energy Storage Facility in Monterey County, California, US, prompting the evacuation of 1,200 to 1,500 local residents.

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### [Battery Energy Storage Systems: Main Considerations for Safe](#)

On May 15, 2024, Gateway Energy Storage Facility in San Diego, California, experienced a BESS fire with continued flare-ups for seven days following the fire. The facility held about 15,000

### **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

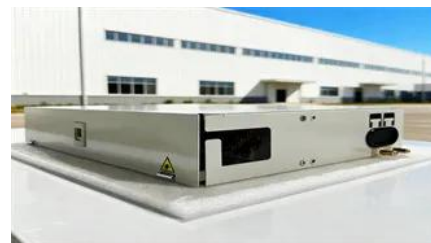


### **Explained: Generative AI's environmental impact**

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

### [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



### **Battery storage guidance note 2: Battery energy**



It provides an overview of the fire risk of common battery chemistries, briefly describes how battery fires behave, and provides guidance on personnel

### [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



### [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

### [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



### [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



**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, according to a new

[Fire at Moss Landing Energy Storage Facility: What we](#)

On the afternoon of 16 January 2025, a fire broke out at Moss Landing Energy Storage Facility in Monterey County, California, US, prompting



**Battery Energy Storage System Fire Suppression: A**

Published by the National Fire Protection Association (NFPA), this standard provides comprehensive requirements for the safe installation of

**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





### [Considerations for Fire Service Response to Residential Battery](#)

This research project is the first to evaluate the result of failure in a residential lithium-ion battery energy storage system, and to develop tactical considerations for the fire service to these incidents.

### **BESS Incidents**

A fire in April 2022 involving one containerized unit at Chandler, Arizona, burnt for over ten days. To keep the temperature down, an automatic sprinkler system was left running the entire time.



### **28 Church Street**

On December 19, 2025, the Village of Warwick experienced an incident involving a Battery Energy Storage Site (BESS) located on 28 Church Street. This page is dedicated to providing the

### [When the world's largest battery power plant caught](#)

When fire broke out at the world's largest battery energy storage facility in January 2025, its thick smoke blanketed surrounding wetlands, farms



### **Failures and Fires in BESS Systems**

A June 2023 fire in Warwick, New York, USA, where the local Board of Education (which hosts the BESS on its property) received a report from the

### **BESS Failure Incident Database**

This table tracks other energy storage failure incidents for scenarios that do not fit the criteria of the table above. This could include energy storage failures in



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