

The latest new energy storage standards





Overview

The NFPA 855 standard, which is largely adopted in the California Fire Code, is updated every three years. Recently developed facilities have followed either the 2020 standard or the newer NFPA 855 2023 standard. Are energy storage facilities safe?

“The energy storage industry is committed to a proactive and tireless approach to safety and reliability. At its core, energy storage facilities are critical infrastructure designed to protect people from power outages,” said ACP VP of Energy Storage Noah Roberts.

Are battery energy storage systems safe?

WASHINGTON, D.C., March 28, 2025 — Today, the American Clean Power Association (ACP) released a comprehensive framework to ensure the safety of battery energy storage systems (BESS) in every community across the United States, informed by a new assessment of previous fire incidents at BESS facilities.

What does ul 9540 mean for energy storage systems & equipment?

The third edition of the UL 9540 Standard for Safety for Energy Storage Systems and Equipment, published in April 2023, introduces replacements, revisions and additions to the requirements for system deployment.

How did NFPA 855 impact the energy storage industry?

In Maryland and New York, the energy storage industry supported new regulations that enforced the latest NFPA 855 requirements. In California, the industry offered a suite of policy recommendations to address unique safety questions arising from the Moss Landing incident, including enforcing key provisions of NFPA 855.

What is a battery energy storage system?

Battery energy storage systems (BESS) stabilize the electrical grid, ensuring a



steady flow of power to homes and businesses regardless of fluctuations from varied energy sources or other disruptions. However, fires at some BESS installations have caused concern in communities considering BESS as a method to support their grids.

Why should energy storage policy makers care about the Moss Landing Fire?

Policy makers will play an important role in helping to ensure batteries continue to be deployed responsibly and effectively. To that end, the energy storage industry has developed a three-part strategy that includes policy recommendations and safety requirements aimed at holistically addressing concerns generated from the Moss Landing fire.



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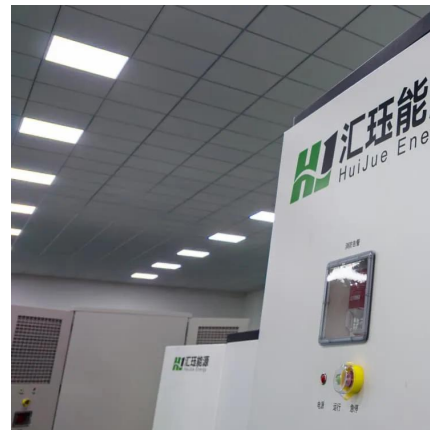


[Standard for the Installation of Stationary Energy Storage ...](#)

Pursuant to Section 5 of the NFPA Regulations Governing the Development of NFPA Standards, the National Fire Protection Association has issued the following Tentative Interim Amendment ...

[Domestic Energy Storage Standards: Why They Matter and What ...](#)

China's Energy Storage Boom: A Numbers Game
Let's start with a jaw-dropper: In 2024 alone, China added 43.7GW of new energy storage capacity - enough to power 30 million homes for ...



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