

New energy storage battery industry standards



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[NFPA 855 \(2026 Edition\) - What's New for Battery Energy Storage](#)

The 2026 edition of NFPA 855: Standard for the Installation of Stationary Energy Storage Systems has now been released, continuing the rapid evolution of safety requirements for battery

[Advancing Standards for Battery Energy Storage Systems: A Critical](#)

The battery energy storage system industry is navigating a period of rapid expansion and profound technological change. A robust, adaptive, and comprehensive standard system for testing



A Primer on the Codes and Standards Governing Battery Safety

Battery technology has undergone significant advancements since the 1990s, introducing a range of new and exciting chemistries to cater to the increasing demands of the power grid.

The Evolution of Battery Energy Storage Safety Codes and

That said, the evolution in codes and standards regulating these systems, as well as evolving battery system designs and strategies for hazard mitigation and emergency response, are working to





[State Battery Storage Safety Collaborative , California Governor's](#)

Governor Gavin Newsom created a new state-level collaborative in September 2024 to examine battery storage technologies and safety considerations as batteries proliferate in critical infrastructure and

[National battery fire standards being pushed for consideration](#)

The American Clean Power Association is pushing for greater safety standardization in the energy storage industry, guided by the National Fire Protection Association, and their under



NFPA 800: A New Standard for the Energy Storage Lifecycle

While still in the early stages, NFPA 800 is expected to provide holistic, lifecycle-based guidance that applies not only to energy storage systems, but to all battery chemistries and applications.

[Safety Standards & Certifications for Battery Energy Storage Systems](#)

Learn about key safety standards for Battery Energy Storage Systems (BESS) and how innovations like immersion cooling enhance safety and reliability.



Codes & Standards Draft

Covers requirements for battery systems as



U.S. Codes and Standards for Battery Energy Storage Systems

This document offers a curated overview of the relevant codes and standards (C+S) governing the safe deployment of utility-scale battery energy storage systems in the United States.

defined by this standard for use as energy storage for stationary applications such as for PV, wind turbine storage or for UPS, etc. applications.



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