The latest version of energy storage system management standards

Overview

The 2026 edition of NFPA 855 updates safety and installation requirements for stationary energy storage systems (ESS), with a strong focus on lithium-ion battery systems under Chapter 9. Since the first edition in 2020, each cycle has refined how the standard addresses . The US National Fire Protection Association (NFPA) has launched the newest edition of its cornerstone battery storage safety standard, NFPA 855. NFPA 855: Standard for the Installation of Stationary Energy Storage Systems (ESS), produced in updated form on a three-year cycle, provides minimum . An overview of NFPA 855, a standard that improves energy storage system safety. Storage technologies are advancing rapidly, and UL Solutions helps support safety throughout this evolution. By participating in standards panels and industry working groups, we help gather all relevant . NFPA is keeping pace with the surge in energy storage and solar technology by undertaking initiatives including training, standards development, and research so that various stakeholders can safely embrace renewable energy sources and respond if potential new hazards arise.

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NFPA 855-2026

NFPA 855 Standard for the Installation of Stationary Energy Storage Systems, 2023 edition This standard provides the minimum requirements for mitigating the hazards associated with ESS.

Energy Storage Safety Codes, Standards, & Regulations (CSRs)

Section 1207 - Electrical Energy Storage Systems (ESS) Continued language alignment with NFPA 855 - Scope section of 1207 reads, "Material based on NFPA 855 2023 Ed."

NFPA 855: Improving Energy Storage System Safety

The 2026 edition of NFPA 855 updates safety and installation requirements for stationary energy storage systems (ESS), with a strong focus on lithium-ion battery systems under Chapter 9.

Installation Codes and Requirements for Energy Storage Systems

An FAQ overview of US installation codes and standard requirements for ESS, including the 2026 edition of NFPA 855 and updates to UL 9540A.

Energy Storage Systems (ESS) and

Solar Safety

NFPA is keeping pace with the surge in energy storage and solar technology by undertaking initiatives including training, standards development, and research so that various stakeholders can safely

January 2026: New Standard Sets Guidelines for Electrical Energy

This definitive standard focuses on the planning, performance assessment, and safe management of Electrical Energy Storage (EES) systems within grid-connected facilities-signaling a

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

National Fire Protection Association releases NFPA 855 ESS safety

NFPA 855: Standard for the Installation of Stationary Energy Storage Systems (ESS), produced in updated form on a three-year cycle, provides minimum installation requirements for

Energy Storage NFPA 855: Improving Energy Storage System

The focus of the following overview is on how the standard applies to electrochemical (battery) energy storage systems in Chapter 9 and specifically on lithium-ion (Li-ion) batteries.

UL 1973 & UL 9540 standard updates

IEC TR 62933-4-200 ED1, EES Systems - Part 4-200: Guidance on environmental issues - Greenhouse gas (GHG) emission assessment by electrical energy storage (EES) systems

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