

# Fire protection requirements for energy storage projects

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Released by the National Fire Protection Association (NFPA), it outlines the minimum safety requirements for installing battery storage across commercial, industrial, and utility-scale settings.

This webpage includes information from first responder and industry guidance as well as background information on battery energy storage systems (challenges & fires), BESS installation ...

While NFPA 855 is a standard and not a code, its provisions are enforced by NFPA 1, Fire Code, in which Chapter 52 outlines requirements, along with references to specific sections in NFPA 855.

The National Fire Protection Association has released an updated version of its Standard for the Installation of Stationary Energy Storage Systems (NFPA 855), strengthening mandatory fire ...

In this report, fire hazards associated with lead acid batteries are identified both from a review of incidents involving them and from available fire test information.

This roadmap provides necessary information to support owners, operators, and developers of energy storage in proactively designing, building, operating, and maintaining these systems to minimize fire ...

Most U.S. jurisdictions adopt one of these fire codes. Both include provisions specific to battery energy storage systems and lithium-ion battery storage. Some jurisdictions may also amend the base code ...

The purpose of NFPA 855 is to establish clear and consistent fire safety guidelines for energy storage systems, which include both stationary and mobile systems that store electrical energy.

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