

# Ensure the safety of energy storage equipment

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**Are energy storage facilities safe?**

Fire incidents at energy storage facilities are extremely rare occurrences and remain isolated, but the industry has taken a proactive approach to working with policymakers and fire officials to promote safety. The U.S. energy storage industry strives to not only meet but exceed the most rigorous safety codes and standards.

**Why is safety important for energy storage projects?**

Safety is the highest priority for our industry--a commitment reflected by rigorous safety standards and partnerships with the fire service that guide planning, developing, and operating each energy storage project.

**How do energy storage facilities maintain safety?**

Energy storage facilities are monitored 24/7 by trained personnel prepared to maintain safety and respond to emergency events. Facilities use multiple strategies to maintain safety, including using established safety equipment and techniques to ensure that operation of the battery systems are conducted safely.

**Why is the energy storage industry important?**

The U.S. energy storage industry strives to not only meet but exceed the most rigorous safety codes and standards. Established standards ensure that energy storage facilities incorporate the most advanced safety features. The industry promotes the adoption of these standards in communities across America.

As the battery energy storage market evolves, understanding the regulatory landscape is critical for manufacturers and stakeholders. This guide offers insights into compliance strategies, ...

These established safety standards, like NFPA 855 and UL 9540, ensure that all aspects of an energy storage project are designed, built, and operated with safety as the highest priority.

The potential safety issues associated with ESS and lithium-ion batteries may be best understood by examining

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a case involving a major explosion and fire at an energy storage facility in ...

December 17, 2019 The safe operation of energy storage applications requires comprehensive assessment and planning for a wide range of potential operational hazards, as well as the ...

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