

Battery Energy Storage Systems (BESS) have become a cornerstone of the clean energy transition, stabilizing power grids and storing electricity from renewable sources. But as ...

Although the fire raised alarms about large-scale energy storage safety, industry experts argue that similar incidents are unlikely at newer battery sites due to notable design differences.

When a massive fire erupted at one of the world's largest lithium-ion battery storage facilities in Monterey County, it didn't just send plumes of smoke over nearby communities -- it cast a...

Researchers from Moss Landing Marine Laboratories measured more than 100 locations at Elkhorn Slough, an expanse of sensitive marshes just north of the plant, and found high levels of ...

In this review, we comprehensively summarize recent advances in lithium iron phosphate (LFP) battery fire behavior and safety protection to solve the critical issues and develop safer LFP ...

California Public Utilities Commission (CPUC) has released new rules around energy storage systems that would impact large scale facilities like one that caught fire in January at the ...

The California Public Utilities Commission announced on Monday that they have begun investigating the battery facility fire in Moss Landing that occurred on Jan. 16, 2025.

Manufacturers are now conducting large-scale fire testing (LSFT) as outlined in standards such as CSA TS-800. These tests help assess the likelihood and severity of fire events ...

The report is a culmination of a two-year research project examining the characteristics of fires resulting from the overheating of lithium-ion battery energy storage systems (ESS) within ...

HiTHIUM has completed the world's first open-door fire test of a 6.25 MWh long-duration energy storage system under U.S. safety standards.

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