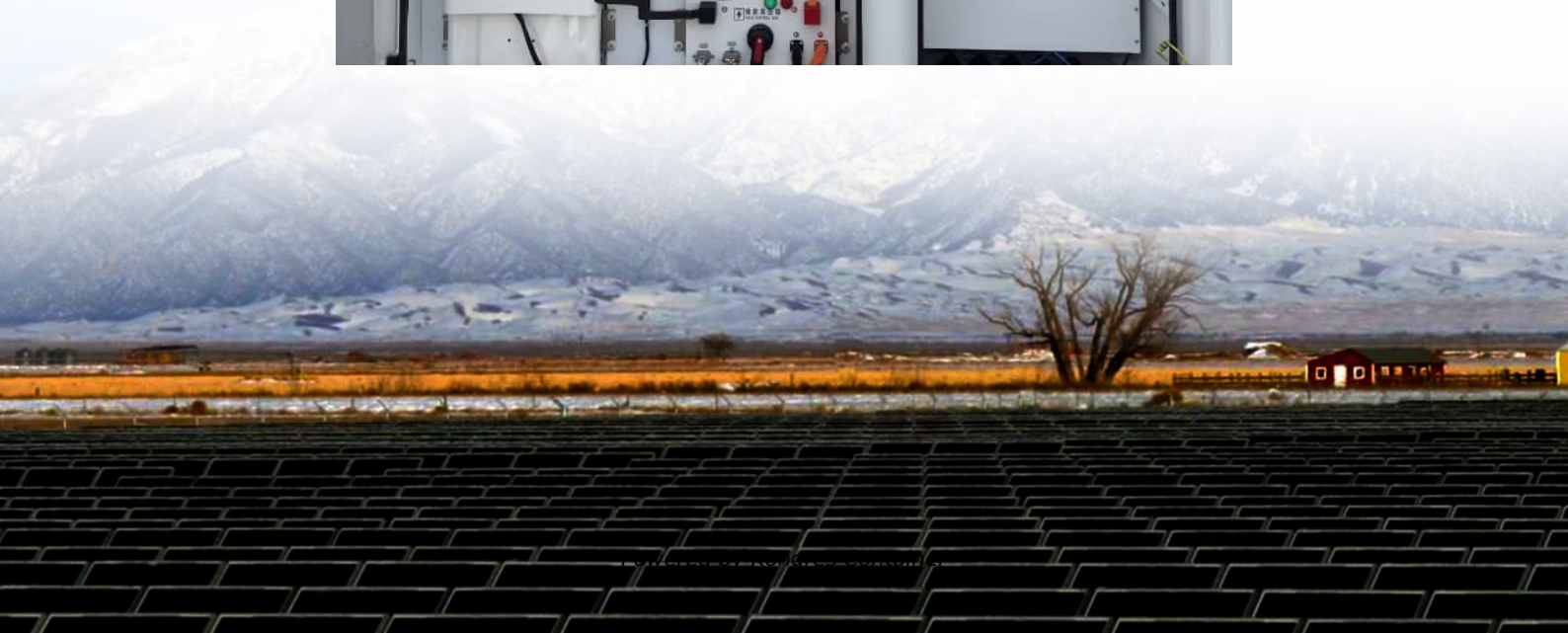


## Kongres Container

# Black Mountain Energy Storage Fire Fighting System



## Overview

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### Who is Black Mountain Energy Storage?

Leveraging cumulative decades of electric market experience, Black Mountain Energy Storage develops powerful, flexible, and strategically placed battery energy storage projects to foster a resilient electric grid. BMES' quickly expanding team of energy experts are fast actors in pipeline development of utility-scale energy storage solutions.

### What is battery energy storage fire prevention & mitigation?

In 2019, EPRI began the Battery Energy Storage Fire Prevention and Mitigation – Phase I research project, convened a group of experts, and conducted a series of energy storage site surveys and industry workshops to identify critical research and development (R&D) needs regarding battery safety.

### How many MWh of battery energy were involved in the fires?

In total, more than 180 MWh were involved in the fires. For context, Wood Mackenzie, which conducts power and renewable energy research, estimates 17.9 GWh of cumulative battery energy storage capacity was operating globally in that same period, implying that nearly 1 out of every 100 MWh had failed in this way.<sup>1</sup>

### What happened at a battery energy storage system?

The governor's announcement came the day after fire erupted at a battery energy storage system in the Town of Lyme, in upstate Jefferson County on July 27. Hochul cited that fire and others at battery energy storage facilities in the Town of Warwick, in Orange County on June 26 and in the Town of East Hampton in Suffolk on May 31.

### What are the different types of energy storage failure incidents?

Stationary Energy Storage Failure Incidents – this table tracks utility-scale and commercial and industrial (C&I) failures. Other Storage Failure Incidents – this

table tracks incidents that do not fit the criteria for the first table. This could include failures involving the manufacturing, transportation, storage, and recycling of energy storage.

Do lithium-ion battery energy storage systems cause fires?

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 residential structures.

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### Contact Us

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