

**DOCKETED**

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*Comment Received From: Gary Bridge*  
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## **Statistics that need your attention**

As California races forward to be “Green” / fortify our grid - there needs to be common sense for the residents of the states public health and safety. I am not against BESS facilities - only the location of them right in the middle of dense residential housing. Please check my radius statistics. Also, the excerpt below does not include the more recent fires in Otay Mesa, Escondido and Moss Landing.

In an excerpt from Firetrace.com on February 6, 2024.

A database detailing utility and commercial & industrial-scale energy storage failures over a 12-year period shows that California and New York are the US states that have experienced the most storage fires.

The US is the nation that has experienced the second most major energy storage related fires “ after South Korea “ according to data from the California-headquartered Electric Power Research Institute (EPRI).

The EPRI database shows that, globally, there were a total of 63 utility and commercial & industrial-scale energy storage “failure events” during the period 21 September 2011 to 27 July 2023 (1). Almost half of these events (31 in total) occurred in South Korea, the data shows, making it the country that has suffered the most such events during the 12-year period. However, the statistics also reveal that the US experienced the second highest number of major “failure events”, with a total of 19 during the period in question.

Which states in the US experienced the most major failure events? California reported the most incidents with five, followed by New York with four, and then Arizona, which reported three such incidents.

Running radius reports using a mapping tool from Benutech Inc. for all residential we get the number of units below:

- 1 Mile radius = 3900 housing units
- 2 Mile radius = 14,100 housing units
- 3 Mile radius = 35,000 housing units

These numbers do not include apartments - they are only counts for SFR, Townhome and Condos.

The radius counts do not include the number of businesses either.

The fact that from recent history - a high probability for a fire at the proposed facility exists and the sheer number of adjacent homes is the ultimate reason the Compass Battery Facilities application should be denied.