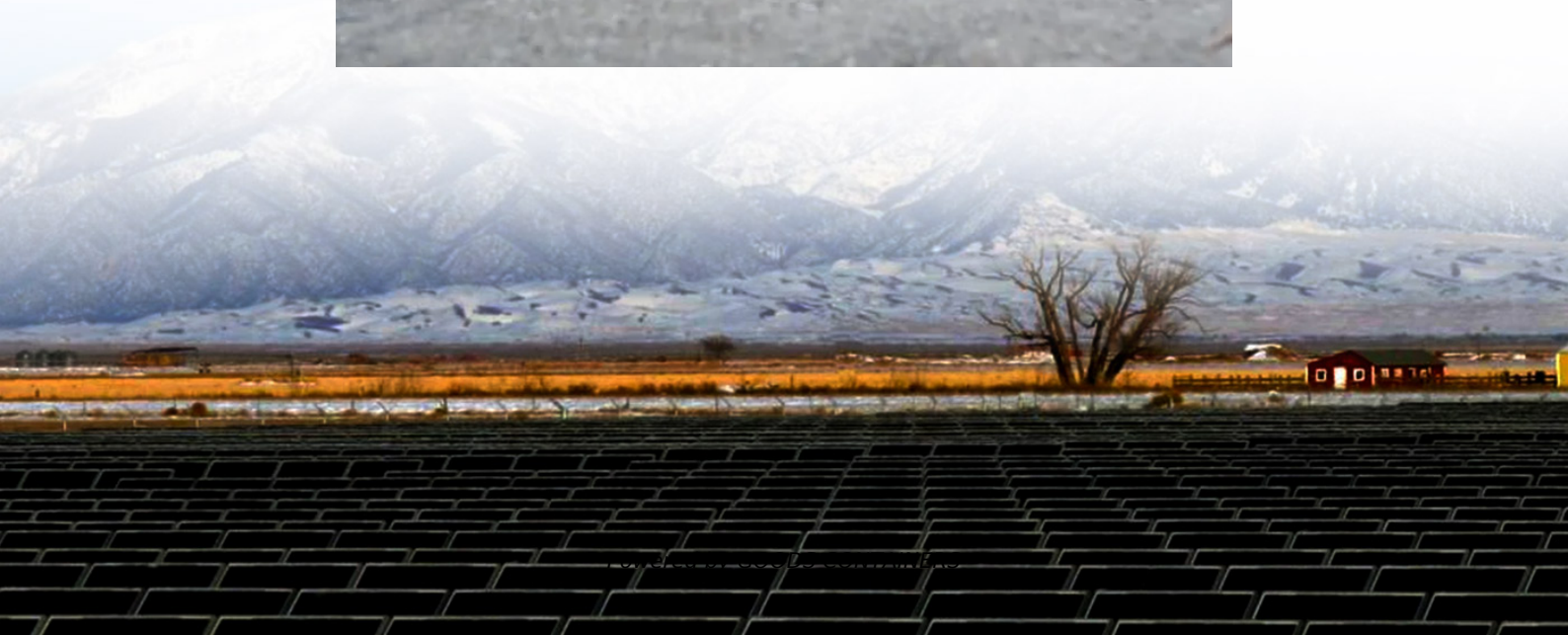


# Use of emergency energy storage power supply





## Overview

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What is an emergency power supply?

An emergency power supply is not a permanent replacement for energy from the public grid. It is merely a temporary backup supply for emergencies. The technology steps in when the primary power supply fails and can compensate for this for a certain period of time, depending on the performance and number of gensets and fuel supplies used.

What are the applications of energy storage in power systems?

In order to achieve these goals, components such as energy storage will be included, and potentially in large scale. Many feasible applications of energy storage in power systems have been investigated. The major benefits of energy storage include electric energy time-shift, frequency regulation and transmission congestion relief.

What is an emergency power system?

**Safety and Independence:** Emergency power systems are often dedicated to supporting life safety systems, including emergency lighting for egress, fire pumps, sprinkler systems, and fire alarm systems, ensuring that these critical functions remain operational during a power outage.

Do I need an emergency power supply?

It is important to have an emergency power supply for all plant and equipment in the event that your normal power supply is interrupted during an emergency. This should also apply to equipment required in the event of an emergency (e.g. fire, pumps, extraction fans, etc.) and to instrumentation and control systems necessary for safe shut-down.



## Use of emergency energy storage power supply

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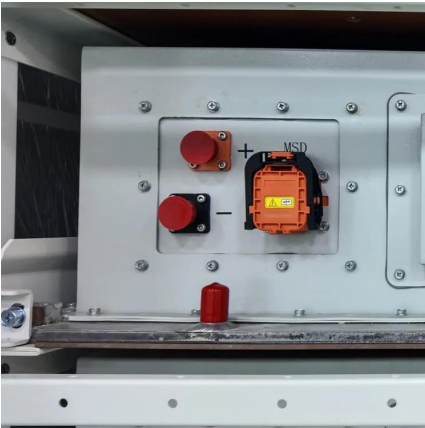
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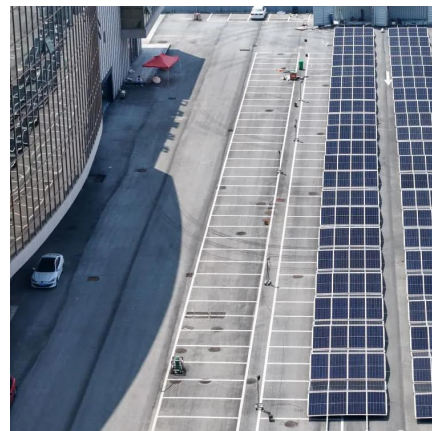
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