

# High voltage cabinet energy storage insurance

Why do you need warranty insurance for your energy storage system?

Our warranty insurance solutions help to secure your sustainable business in the long run. Energy storage systems often involve the complex integration of multiple high-tech components. These are all prone to failure and malfunction, particularly over long periods of ten years and more.

## Can a battery energy storage system help a business?

For businesses on demand charge utility tariffs, between 30% and 70% of the utility bill may be made up of demand charges. Solar arrays alone are not always a sucient solution for these businesses. Battery energy storage systems, however, can guarantee that no power above a predetermined threshold will be drawn from the grid during peak times.

### Why do we need reliable energy storage systems?

Renewables like wind and solar energy are intermittent by nature. To successfully master the energy transition, reliable energy storage systems are a must to provide the necessary supply stability.

#### Why is surge protection important for energy storage systems?

Today's increased reliance on very sensitive electronicsmakes surge protection an important topic for Energy Storage Systems or ESS. The Insurance Institute for Business &Home Safety study found that \$26 billion dollars was lost due to non-lightning power surges.

#### What is a battery energy storage system?

white paper by Al CaceresExecutive Director, Gallagher Energy Practice Houston, Texas The U.S. power grid is comprised of several energy sources from fossil fuels to nuclear energy to renewable energy sources. Battery Energy Storage Systems (BESS) balance the various power sources to keep energy flowing seamlessly to customers.

#### What is the energy storage program?

The energy storage program also seeks to improve energy storage densityby conducting research into advanced electrolytes for flow batteries, development of low temperature Na batteries and nano-structured electrodes with improved electrochemical properties.



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