

## ContainerPower Energy Solutions

# Hybrid Energy Storage Sales Plan



## Overview

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What is a hybrid energy storage system?

Hybrid energy storage systems (HESSs) address these challenges by leveraging the complementary advantages of different ESSs, thereby improving both energy- and power-oriented performance while ensuring the safe and efficient operation of storage components.

What is a hybrid energy system?

Energy storage technologies like batteries are often added to the mix in order to store excess power so that energy is always available even when renewable generation is fluctuating. The flexibility of hybrid energy systems allows businesses to get power from renewable sources while mitigating the intermittency of renewables.

Are hybrid energy solutions right for your business?

Balancing reliability, sustainability, and affordability has become the ultimate goal for businesses and utilities navigating today's evolving energy landscape. Hybrid energy solutions are emerging as the answer, combining renewable sources like solar and wind with traditional power generation and energy storage.

Why do businesses need hybrid energy systems?

Businesses with high energy demand can use hybrid systems to save costs, improve reliability, and meet sustainability goals. By implementing a stack of solar + storage, these facilities can transition to renewable energy supply without having to sacrifice reliability.

What are the trends in hybrid energy systems?

Here are some trends to watch: **Increased Adoption:** More businesses and utilities are investing in hybrid systems to meet their sustainability and energy security goals. **Technology Advancements:** Energy storage and control system

developments will improve hybrid system performance and cost.

What is a hybrid energy stack?

In a hybrid energy stack, renewable sources like solar or wind provide the majority of the base load power, while traditional power generation such as a gas turbine is used during periods of low renewable output. Battery energy storage systems (BESS) store the excess renewable energy generated during peak production.

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