



# Sodium-sulfur battery energy storage cost per kilowatt-hour





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### [Energy Storage Cost and Performance Database](#)

Additional storage technologies will be added as representative cost and performance metrics are verified. The interactive figure below presents ...

### [Exclusive: sodium batteries to disrupt energy ...](#)

According to GetFocus, achieving a cost of around \$50/kWh is essential for BESS to be economically viable for grid-scale LDES in ...



### **Sodium Sulfur Batteries: The Future of Large-Scale Energy Storage**

With production costs projected to drop below \$150/kWh by 2030 (down from \$280 today), this technology could reshape markets from Australia's mining sector to California's microgrids.

### **Sodium**

As the technology progresses and production volumes increase, the cost of Na - S battery energy storage is expected to decline, making it a more competitive option in the energy storage market.

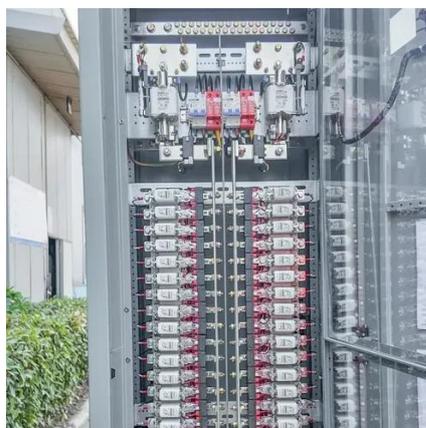


## Technology Strategy Assessment

Much of the attraction to sodium (Na) batteries as candidates for large-scale energy storage stems from the fact that as the sixth most abundant element in the Earth's crust and the fourth ...

### An Evaluation of Energy Storage Cost and ...

To define and compare cost and performance parameters of six battery energy storage systems (BESS), four non-BESS storage ...



### Exclusive: sodium batteries to disrupt energy storage market

According to GetFocus, achieving a cost of around \$50/kWh is essential for BESS to be economically viable for grid-scale LDES in renewable energy applications. "That is the point ...



### Sodium Sulfur Battery Market Size, Share



By module form factor, containerised plug-and-play systems held 72.8% of the sodium sulfur battery market share in 2024, while rack ...



### Sodium Sulfur Battery Market Size, Share & Growth Report 2030

By module form factor, containerised plug-and-play systems held 72.8% of the sodium sulfur battery market share in 2024, while rack-mounted units are forecast to advance ...



### Cost Projections for Utility-Scale Battery Storage: 2023 Update

In this work we describe the development of cost and performance projections for utility-scale lithium-ion battery systems, with a focus on 4-hour duration systems. The projections are ...



### How Inexpensive Must Energy Storage Be for Utilities to Switch ...

High-temperature sodium-sulfur batteries cost \$500/kWh, but with more development, their costs could fall by up to 75 percent by 2030, according to the International ...



[How Inexpensive Must Energy Storage Be for ...](#)



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### [An Evaluation of Energy Storage Cost and Performance ...](#)

To define and compare cost and performance parameters of six battery energy storage systems (BESS), four non-BESS storage technologies, and combustion turbines (CTs) ...

### **NAS Battery: 20% lower cost for next-generation sodium-sulfur tech**

The new 'advanced' version of the sodium-sulfur (NAS) battery, first commercialised by Japanese industrial ceramics company NGK more than 20 years ago, ...



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[Energy Storage Cost and Performance Database](#)



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