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# Sodium-sulfur battery energy storage container in Osaka Japan

What is a sodium sulfur battery?

Sodium sulfur batteries produced by NGK Insulators Ltd. offer an established, large-scale energy storage technology with the possibility for installation virtually anywhere. With a wide array of advanced features, from large capacity to compactness, NAS battery is a welcome addition into the long-duration energy storage industry.

Why is energy storage important in Japan?

As Japan accelerates its transition toward a carbon-neutral future, the role of energy storage has become more critical than ever. The country has set ambitious goals to expand its renewable energy capacity, including wind and solar power, to reduce dependence on fossil fuels.

Where are NGK NaS battery storage units located?

NGK NAS battery storage units in Antwerp, Belgium. Image: BASF New Business. Sodium-sulfur (NAS) battery storage manufacturer NGK Insulators has formed new partnerships in Japan aimed at both the distributed and utility-scale segments of the energy market.

Why should Japan diversify its battery technology?

As the demand for energy storage evolves, Japan is faced with the challenge of diversifying its battery technology to enhance energy security, reduce costs, and address supply chain vulnerabilities.

On June 10, BASF announced that its wholly-owned subsidiary BASF Stationary Energy Storage Co., Ltd. (BSES) and Japan's NGK jointly released an advanced container ...

Ludwigshafen, Germany, and Nagoya, Japan, June 10th, 2024 - BASF Stationary Energy Storage GmbH, a wholly owned subsidiary of BASF, and NGK INSULATORS, LTD. ...

Last year, NGK and BASF Stationary Energy Storage, a subsidiary of BASF, launched a new version of their sodium-sulfur batteries. The containerized NAS MODEL L24, ...

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Sodium-sulfur (NAS) battery storage manufacturer NGK Insulators has formed new partnerships in Japan aimed at both the ...

A large-scale energy storage project utilizing NGK's NAS batteries has commenced operations in Japan, while a pilot program featuring the same technology is now ...

NGK sodium-sulfur batteries: Japan project, Duke Energy pilot Jul 18, 2025 &#183; NGK Insulators, based in Japan, has been at the forefront of sodium-sulfur battery development ...

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The Japan Sodium Sulfur (NaS) Battery for Energy Storage market is experiencing dynamic growth, driven by evolving consumer preferences, technological advancements, and ...

BASF Stationary Energy Storage GmbH, a subsidiary wholly owned by BASF, and NGK INSULATORS, LTD. (NGK), a ceramics manufacturer based in Japan, have unveiled an ...

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