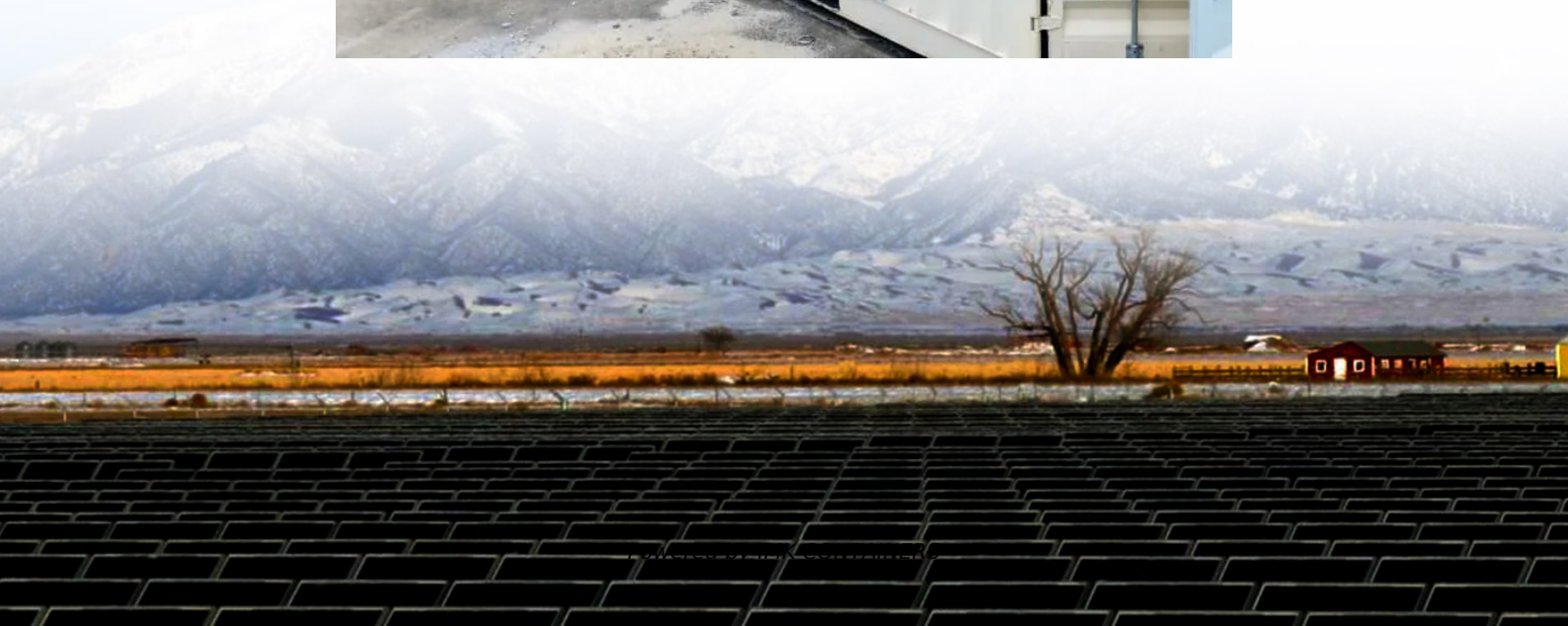


# Japan Osaka Energy Storage Lead Acid Battery





## Overview

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What is Japan's first energy storage project?

In 2015, we started Japan's first demonstration project covering energy storage connected to the power grid in the Koshikishima, Satsumasendai City, Kagoshima. This project is still operating in a stable manner today. One feature of our grid energy storage system is that it utilizes reused batteries from EVs.

How big is Japan's battery storage market?

In the commercial space, Japan's battery storage market was valued at USD 593.2 million in 2023 and is projected to reach USD 4.15 billion by 2030. While commercial installations currently dominate revenues, industrial adoption is expected to scale faster. Utility-scale storage is also gaining ground.

Can EV batteries be reused in Japan?

One feature of our grid energy storage system is that it utilizes reused batteries from EVs. Although the penetration rate of EVs in Japan is still only about 1%, the Japanese government aims for 100% of all new passenger car sales to be EVs by 2035. This, at the same time, means that more batteries will be discarded.

What is Japan's energy storage policy?

As policy, technology, and decarbonization goals converge, Japan is positioning energy storage as a critical link between its climate targets and energy reliability. Japan's energy storage policy is anchored by the Ministry of Economy, Trade and Industry (METI), which outlined its ambitions in the 6th Strategic Energy Plan, adopted in 2021.



## Japan Osaka Energy Storage Lead Acid Battery

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### Osaka Gas and Sonnedix prepare Japan's 'largest renewable battery'

Utility Osaka Gas and developer Sonnedix are installing what is claimed to be the largest battery storage facility co-located with renewable energy generation in Japan so far.

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### Japan's Largest Grid-Connected Battery Storage to Be Built in Osaka

Osaka, Japan -- Kansai Electric Power Co., Kinden Corporation, and Japan Excellent Infrastructure (JEXI) have announced plans to build one of Japan's largest grid-connected ...

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### [Japan Energy Storage Policies and Market Overview](#)

Japan's energy storage policies, market statistics, and trends--from METI's strategic plans and subsidy programs to deployment challenges.

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### Osaka Gas and Sonnedix prepare Japan's 'largest renewable battery'

Osaka Gas and Sonnedix prepare Japan's 'largest renewable battery storage facility' - Energy-Storage.News Skip to content



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### [Osaka Gas and Sonnedix prepare Japan's](#)

Sonnedix's 38.7MW PV plant in Oita, where the BESS will be co-located. Image: Sonnedix Utility Osaka Gas and developer Sonnedix are installing what is claimed to be the ...

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### [Emerging Opportunities in the Japan Lead Acid Battery ...](#)

Discover new growth opportunities in Japan's lead acid battery market fueled by industrial expansion, EV adoption, and renewable energy storage demand.

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## [Japan's Largest Grid-Connected Battery](#)

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Osaka, Japan -- Kansai Electric Power Co., Kinden Corporation, and Japan Excellent Infrastructure (JEXI) have announced plans to build one of Japan's largest grid-connected battery storage facilities in Misaki Town, Osaka ...

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## **Japan Launches Largest Renewable Battery Storage Project By Osaka ...**

Japan's largest renewable battery energy storage system (BESS) project has broken ground in Kyushu under developers, Osaka Gas and Sonnedix.

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## [Implementation of Grid Storage Battery Business with ...](#)

The Daigas Group aims to contribute to the spread of renewable energy power sources worth 5,000 MW\*7 both within Japan and abroad, including in-house ...

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## Osaka Gas commissions first grid-scale BESS with partners, ...

August 21, 2025 Senri Power Storage Station is Osaka Gas's first operational grid-scale battery storage project. (Image: Osaka Gas) Osaka Gas, Itochu, and Tokyo Century ...

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