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Energy storage charging pile in Osaka Japan





Overview

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.

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.

How is Japan's energy storage landscape changing?

Japan's energy storage landscape is shifting, pushed by household demand, corporate ESG mandates, and domestic battery manufacturing. The residential lithium-ion market, projected to grow at a CAGR of 33.9% through 2030, remains one of the fastest-expanding segments.

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.



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Green Review , Osaka Gas expands grid storage battery ...

Jul 19, 2024 · The new project aims to launch operations of the Takeo Grid Storage plant by the end of 2025, building on Osaka Gas's experience from its previous Senri Grid Storage ...

Japan Photovoltaic Energy Storage Charging Pile Market ...

Nov 6, 2025 · The integration of AI-powered smart charging solutions is transforming consumer engagement and competitive dynamics within Japan's photovoltaic energy storage charging ...

Osaka Gas and Sonnedix prepare Japan's

Nov 5, 2025 · Osaka Gas and Sonnedix installing what is claimed to be the largest BESS co-located with renewable energy generation in Japan so far.

Large-scale energy storage business

May 21, 2024 · Interview Key Social Issue , Mitigation of climate change Large-scale energy storage business Providing a platform that stores ...

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 ...

Japan Energy Storage Policies and Market Overview

Jun 29, 2025 · Japan's energy storage policies, market statistics, and trends--from METI's strategic plans and subsidy programs to deployment challenges.

Implementation of Grid Storage Battery Business with ...

Jun 15, 2023 · 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 ...

Large-scale energy storage business

May 21, 2024 · Interview Key Social Issue , Mitigation of climate change Large-scale energy storage business Providing a platform that stores energy to promote the transition to ...

Green Review , Osaka Gas expands grid ...

Jul 19, 2024 · The new project aims to launch operations of the Takeo Grid Storage plant by the end of 2025, building on Osaka Gas's experience ...

ITOCHU, Osaka Gas, Tokyo Century Launch Utility-Scale Battery Storage

Aug 21, 2025 · ITOCHU, Osaka Gas, and Tokyo Century begin operations of Senri Chikudensho, a utility-scale energy storage facility in Osaka.



Itochu, Osaka Gas partner for 11 MW grid-scale battery energy storage

Jun 13, 2023 · Itochu has launched Senri Power Storage, a grid-scale battery energy storage system (BESS) project with 11 MW output and 23 MWh energy capacity in Suita City, Osaka ...

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

2 days ago · 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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