



BUHLE POWER

Japan's medium and large energy storage





Overview

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.

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 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.



Japan's medium and large energy storage



[Japan: Strong fundamentals for energy ...](#)

Jul 24, 2025 · Rendering of Eku Energy's 150MW/600MWh Eshi BESS project, awarded a 20-year LTDA capacity contract. Image: Eku Energy ...

[Japan Energy Storage Market Size, Growth, ...](#)

Japan Energy Storage Market Research Report By Technology (Lithium-ion Batteries, Flow Batteries, Lead-Acid Batteries, Sodium-Sulfur Batteries), ...



[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 ...

[Report: Energy Storage Landscape in Japan , EU-Japan Centre](#)

4 days ago · Report: Energy Storage Landscape in Japan Aside from Japan's plans for wide-spread implementation of smart-city and smart-grid technology during the coming decades, ...



[Japan energy storage industry base](#)

The Government of Japan formulates the "Strategic Energy Plan" to show the direction of Japan's energy policy. It is reviewed at least every 3 years in view of the latest energy situations at ...



[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.



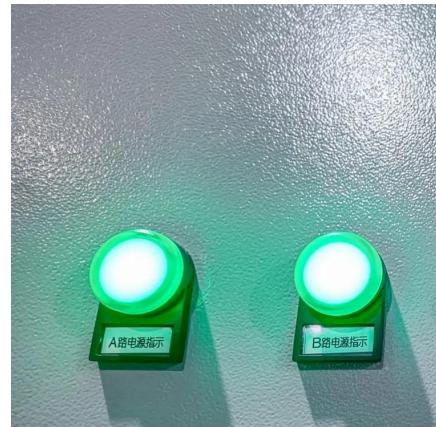
[Japan's New Energy Storage Policy: A Catalyst for Renewable Energy](#)

Why Japan is Betting Big on Grid-Scale Energy Storage As of March 2025, Japan's Ministry of Economy, Trade and Industry (METI) has allocated ¥2.3 trillion (\$15.4 billion) to accelerate ...



Japan: Strong fundamentals for energy storage drive ...

Jul 24, 2025 · Rendering of Eku Energy's 150MW/600MWh Eshi BESS project, awarded a 20-year LTDA capacity contract. Image: Eku Energy ESN Premium's deep dive into Japan ...



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 ...



Japan Energy Storage Market Size, Growth, Trends, Report ...

Japan Energy Storage Market Research Report By Technology (Lithium-ion Batteries, Flow Batteries, Lead-Acid Batteries, Sodium-Sulfur Batteries), By End-use (Residential, ...



2025 Japan Energy Storage Scale: Trends, Innovations, and ...

Oct 9, 2024 · By 2025, Japan's energy storage scale is projected to skyrocket, driven by renewable energy adoption and post-Fukushima reforms. Let's unpack how this tech-savvy ...



Japan: Large-scale battery storage opportunities in an ...

Jul 15, 2025 · The energy storage market is experiencing a wave of significant growth in Japan, as ESN Premium hears from Eku Energy and BloombergNEF.

Contact Us

For technical specifications, project proposals, or partnership inquiries, please visit:
<https://bukhobuhle.co.za>

Scan QR Code for More Information



<https://bukhobuhle.co.za>