

Japan undertakes energy storage project





Overview

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 many GW of energy projects did Japan win?

A total 1.67 GW of projects won contracts, including 32 battery storage systems totalling 1.1 GW and three pumped hydro energy storage projects totalling 577 MW. Japan's Ministry of Economy, Trade and Industry (METI) plans to hold more auctions this year and in the future.

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.

Is Eku energy building Hirohara battery energy storage system?

The developer has agreed to a 20-year offtake agreement for the project with Tokyo Gas. London-headquartered Eku Energy has initiated the construction of the Hirohara Battery Energy Storage System (BESS) in Oh-Aza Hirohara, Miyazaki City, Miyazaki Prefecture, as it seeks to grow its footprint in the promising market.



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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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[27 grid-scale BESS projects secure 34.6B yen ...](#)

A total of 27 projects was awarded 34.6 billion yen in subsidies through METI's FY2024 program for supporting the expansion of renewable energy through introduction of energy storage, Sustainable Open ...

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[Energy Storage Platform Backed by ...](#)

Five 20-year fixed revenue capacity market contracts secured through Japanese government's second Long-term Decarbonization Auction NEW YORK & TOKYO - April 29, 2025 - The energy storage platform ...

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[Helios 50MW BESS achieves commercial operation in Japan](#)

Manoa has started commercial operation of the Helios 104 megawatt-hour/50MW battery energy storage system (BESS) in Sapporo City, Hokkaido, Japan. The BESS was ...



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Tesla Wins An Order for Japan's Largest Energy Storage Project

The project, which is expected to be operational by 2027, will be one of the largest energy storage facilities in Japan, helping the country address the challenge of renewable ...

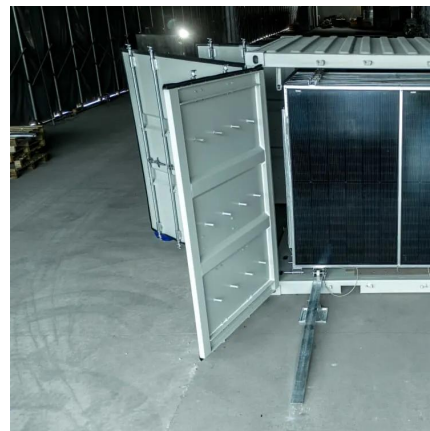
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[Japan: Strong fundamentals for energy ...](#)

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 continues with a look at the complexities ...

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[Impressive Grid-scale battery storage: 2 MW ...](#)

The project, which began construction in May 2025, officially started operating on December 9, 2025. This standalone battery storage facility is strategically positioned within the Tokyo area to provide crucial ...

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Japan's New Energy Storage Policy: A Catalyst for Renewable Energy

The Storage Squeeze: Japan's Energy Dilemma
Japan's electricity demand peaks at 159 GW during summer months, yet its solar farms generate surplus energy during midday troughs.

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Eku Energy breaks ground on 120 MWh battery storage project in Japan

London-headquartered Eku Energy has initiated the construction of the Hirohara Battery Energy Storage System (BESS) in Oh-Aza Hirohara, Miyazaki City, Miyazaki ...

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