

PDEOZE PowerContainer

Percentage of Japanese energy storage export companies



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.

Why does Japan need a reliable fuel supply?

Despite its decreasing final energy consumption in recent years, Japan remained one of the largest energy consumers worldwide, as its global leading manufacturing industry has a high electricity demand for its production. Consequently, Japan depends heavily on a reliable fuel supply.

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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This is the list of the largest public listed companies in the Energy sector from Japan by market capitalization with links to their reference stock and industry.

This country databook contains high-level insights into Japan energy storage systems market from 2018 to 2030, including revenue numbers, major trends, and company profiles.

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Japan's energy storage sector is gaining definition--driven by household adoption, corporate mandates, and government policy. Yet the rollout remains uneven.

At 10.3 trillion cubic feet per year (Tcf/y), Japan had the world's largest regassification capacity in 2021. Even with decreased demand for natural gas, the annual ...

In 2024, Japan continued to rely on energy storage imports, with South Korea, China, Germany, USA, and the Philippines leading the way. Despite a slight decline in growth rate from 2023 to ...

In recent developments, the Japan Energy Storage Market has seen significant advancements, particularly with companies such as Panasonic and Toyota Tsusho focusing on innovative ...

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As Japan races toward its 2050 carbon neutrality goal, energy storage companies are becoming the rock stars of renewable energy. With major projects popping up like solar panels in the ...

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Sources: IRENA statistics, plus data from the following sources: UN SDG Database (original sources: WHO; World Bank; IEA; IRENA; and UNSD); UN World Population Prospects; UNSD ...

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