

## European Solar Energy Storage

# The latest news on japan s energy storage policy



## Overview

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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 much will Japan's energy storage system cost in 2023?

The \$593 million worth of commercial energy storage systems recorded in Japan in 2023 could balloon to \$4.15 billion by 2030, InfoLink reckons, with "industrial adoption. expected to scale faster," according to the data company.

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.

Why should Japan invest in storage batteries?

**Energy Security:** Storage batteries are key to stabilizing Japan's energy system. Given Japan's limited natural resources and dependence on imports, combined with its vulnerability to natural disasters, investing in reliable and sustainable energy solutions is critical.

What is Japan's storage battery industry strategy?

The "Storage Battery Industry Strategy" document from METI sets out three key targets: **Boost Domestic Manufacturing:** Japan aims to ramp up its domestic production of automotive storage batteries to 100 GWh by 2030, with a long-term goal of reaching 150 GWh annually. This move highlights the

potential for foreign companies to invest in Japan.

Is Japan's Energy Policy ambitious?

Japan's government called the package of energy policies and their targets "ambitious." Energy security considerations may affect the progress and pace of decarbonization in the electric power sector.

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### [Japan energy storage policy 2025](#)

During policy discussions to shape the next Strategic Energy Plan by the end of fiscal year 2024-2025, METI Minister Saito Ken remarked, "I have a strong sense of crisis that Japan is in the



### Japan: Strong fundamentals for energy storage drive ...

Now in its second year, the Summit gathers independent generators, policymakers, banks, funds, offtakers, and cutting-edge technology providers and clarifies what successful energy storage procurement and ...

### Japan's energy policies aim for increased zero-carbon ...

According to Japan's 6th Strategic Energy Plan,

battery storage will be increased as a distributed source of electricity closer to end users and within microgrids.



## Japan on cusp of energy storage boom

During normal times, household power outages in Japan are extremely rare. But it is not unusual for earthquakes and other disasters to cause widespread outages.

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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.

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

With renewable energy accounting for 38% of the national grid (up from 22% in 2020), the island nation faces mounting pressure to stabilize its power supply. But how exactly does energy storage fit into this puzzle?



## Japan's 2025 Energy Storage Policy: Powering a Sustainable Future

With its updated energy storage policy, Japan aims to achieve 45% renewable electricity by 2030 while solving the ultimate puzzle: how to store sunshine and wind like canned tuna.

### Japan poised for a battery boom

With home, commercial, and industrial batteries expected to balloon in the years ahead - and grid-scale systems beginning to appear - harmonizing Japan's split-frequency grid and introducing battery-dedicated legislation could rocket-fuel the industry.



## Battery Storage In Japan - Policy Deep Dive

Now that we've covered the benefits of battery storage and Japan's growing interest, let's dive into the Japanese government's detailed policies on this promising technology.



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