

**EQACC SOLAR**

# **Japan Solar Energy Storage Project**



## Overview

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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 energy storage capacity?

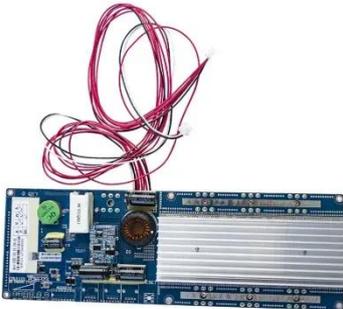
Global energy storage capacity was estimated to have reached 36,735MW by the end of 2022 and is forecasted to grow to 353,880MW by 2030. Japan had 1,671MW of capacity in 2022 and this is expected to rise to 10,074MW by 2030. Listed below are the five largest energy storage projects by capacity in Japan, according to GlobalData's power database.

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.

## Japan Solar Energy Storage Project

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### Japan solar energy storage

Joined by Panasonic, project partners are aiming to install solar photovoltaic (PV)-lithium-ion battery energy storage systems in 117 homes and integrate them to create an energy resilient ...

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### Top five energy storage projects in Japan

The Aquila Capital Tomakomai Solar PV Park - Battery Energy Storage System is a 19,800kW lithium-ion battery energy storage project located in Hokkaido, Hokkaido, Japan.



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### Prospects for energy storage projects in Japan

Prospects for energy storage projects in Japan While preventing curtailment is a valuable potential use case for energy storage in Japan as renewable generation increases, ...

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## Japan: Strong fundamentals for

## energy storage drive ...

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 ...

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## Sonnedix breaks ground on first Japan storage project, set to ...

Sonnedix Japan broke ground on its first battery system in October 2025, planning to retrofit a 30MWAC/38.6MWDC solar power plant it owns in Oita City, Oita Prefecture, with ...

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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 Battery Energy Storage System

Gurin Energy is developing a pipeline of utility-scale battery energy storage system (BESS) projects to enable greater flexibility of the ...

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## Large-scale energy storage business

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

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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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Interview Key Social Issue , Mitigation of climate change Large-scale energy storage business Providing a platform

that stores energy to promote the transition to ...

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## Japan Battery Energy Storage System

Gurin Energy is developing a pipeline of utility-scale battery energy storage system (BESS) projects to enable greater flexibility of the grid and support the increased use of ...



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