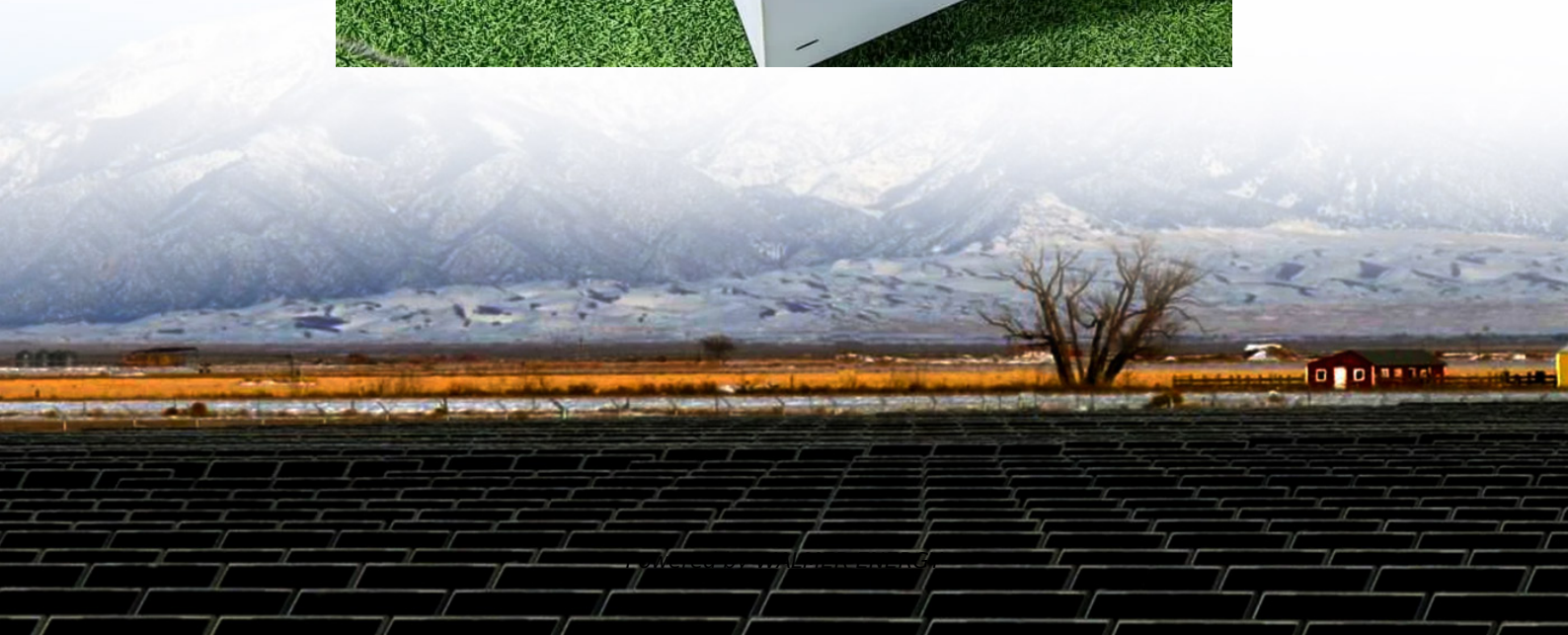


# Japan Independent Energy Storage Power Station Project





## 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 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.

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.

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 Independent Energy Storage Power Station Project

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Top five energy storage projects in Japan

Sep 10, 2024 · 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 ...

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JPN ENERGY commissions its first grid-scale BESS project, ...

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Large-scale energy storage business

May 21, 2024 · What& How Building a large storage battery system with reused batteries Beginning more than a decade ago, Sumitomo Corporation was among the first to work on ...

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Phase I 110MW/240MWh Vanadium-Lithium Hybrid Grid-Side Independent

100MW/400MWh Vanadium Flow Battery Independent Energy Storage Project rongke power qian'an county, songyuan city, jilin province, china china asia 100000kw4hrs400000kwh Read ...

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China's Largest Independent User-Side ...

Aug 18, 2023 · On August 15, Chongqing Bishan Comprehensive Smart Zero-Carbon Power Plant BYD Photovoltaic Storage Project reached full ...

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10MW/40MWh all vanadium liquid flow energy storage, ...

Jun 19, 2025 · 10MW/40MWh all vanadium liquid flow energy storage, bidding for Hebei Jiantou grid side independent energy storage power station project-Shenzhen ZH Energy Storage - ...

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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.

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Tesla agrees to build China's largest grid-scale battery power ...

Jun 20, 2025 · Tesla has signed its first deal to build a grid-scale battery power plant in China. The U.S. company posted on the Chinese social media service Weibo that the project would ...

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Large-scale energy storage business

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### Risen Energy Secures First Order for 20 Energy Storage Systems in Japan

Sep 22, 2025 · The projects will be put into operation as independent energy storage power stations, participating in frequency regulation and other auxiliary services in the Japanese ...

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### Q.ENEST enters grid-scale storage business with ...

3 days ago · The project was awarded METI's FY2024 subsidy for BESS. (Image: Power X)  
Q.ENEST Holdings is developing "Q.ENEST Sano High-Voltage Power Storage Station," its ...

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### SINEXCEL Completes Installation of Its First 2MW/8MWh ...

Dec 12, 2025 · MATSUSAKA, Japan, Dec. 11, 2025 /PRNewswire/ -- SINEXCEL (300693.SZ) has successfully completed the installation of its first utility-scale 2MW/8MWh energy storage ...

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### Jinjiang 100 MWh energy storage power ...

6 days ago · The lithium-ion battery energy storage power station featuring the largest space on the grid side; Excellent performance in power ...

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### Japan Battery Energy Storage System

Sep 11, 2025 · 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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### Japan energy storage power station project

Does Japan have a power storage company? REUTERS/Toru Hanai/File Photo Acquire Licensing Rights June 7 (Reuters) - Japan's Itochu Corp (8001.T) said on Wednesday it has jointly ...

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### JAPAN CHARGES AHEAD WITH A GROUNDBREAKING ENERGY STORAGE PROJECT

Osaka Electric Energy Storage System Japan Where did Kansai EPCO enter grid-scale storage?Kansai EPCO entered grid-scale storage with the 48MW/113MWh Kinokawa Power ...

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### 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 ...

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### Independent Energy Storage Power Station ...

Independent Energy Storage Power Station Development Process Specification sources without new energy storage resources. 2. There is no rule-of-thumb for how much battery storage is ...

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### 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 ...

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### 12 grid-scale BESS projects totaling ...

1 day ago · A total of 12 projects totaling 180MW/595.3MWh was awarded 13 billion yen through Tokyo's FY2024 subsidy for promoting grid-scale ...

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Q.ENEST enters grid-scale storage business ...

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