

# Japan Energy Storage Integrated System





## Overview

---

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.

Will Saft supply a battery energy storage system in Fukushima?

Download the Press Release Tokyo, 12 June 2025 – Saft, a subsidiary of TotalEnergies, has been selected by leading Asian renewable energy developer Gurin Energy to supply a battery energy storage system (BESS) for the latter's major energy storage project being developed in Fukushima, Japan.

Why is Gurn energy developing a 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 renewable energy in Japan. This includes the announced 500MW, 2GWh BESS capacity, which is currently under development.

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 Energy Storage Integrated System

---

27 grid-scale BESS projects secure 34.6B yen ...

3 days ago · A total of 27 projects was awarded 34.6 billion yen in subsidies through METI's FY2024 program for supporting the expansion of ...

---

Japan's FIP scheme and battery storage ...

May 8, 2023 · The government is also reforming its battery energy storage system (BESS) regulations, with batteries set to play an important role in ...

---

System value and utilization performance analysis of grid-integrated

Jul 1, 2023 · Deploying utility-scale storage systems is expected to play a critical role in improving energy flexibility and economic performance considering rising variable renewable energy ...

---

Japan Incentivizes Battery Storage Projects ...

Feb 28, 2024 · By 2030, official estimates show variable renewable energy reaching 20% of Japan's power mix. Noting the demand case and ever ...

---

Comprehensive review of energy storage systems ...

Jul 1, 2024 · The applications of energy storage systems have been reviewed in the last section of this paper including general applications, energy utility applications, renewable energy ...

---

Large-scale energy storage business

May 21, 2024 · Interview Key Social Issue , Mitigation of climate change Large-scale energy storage business Providing a platform that stores energy to promote the transition to ...

---

Japan's Energy Transition: The Interplay of Renewables, ...

Feb 4, 2025 · While solar power continues to show significant progress, becoming a dominant renewable energy source in Japan, other renewable sources including wind and geothermal ...

---

Battery Storage In Japan - Policy Deep Dive

Jul 30, 2024 · Additionally, the energy storage system can store excess electricity when supply exceeds demand and release it when needed, ...

---

Saft battery energy storage system selected for first Japanese ...

Jun 13, 2025 · Saft, a subsidiary of TotalEnergies, has been selected by leading Asian renewable energy developer Gurin Energy to supply a battery energy storage system (BESS) for the ...

---

Japan s shared energy storage policy document

Japan's policy towards battery technology for energy storage systems is outlined in both



Japan's 2014 Strategic Energy Plan and the 2014 revision of the Japan Revitalization Strategy. In ...

---

JPN ENERGY commissions its first grid-scale ...

2 days ago · JPN ENERGY Integrated System commissioned its first grid-scale battery storage facility and established Kirishima Chikudensho LLC, ...

---

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

2 days ago · JPN ENERGY Integrated System commissioned its first grid-scale battery storage facility and established Kirishima Chikudensho LLC, a joint venture with GreenEnergy& Co and ...

---

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.

---

Japanese gov't selects aggregators for JPY9 ...

Jul 23, 2024 · The Japanese government has published list of battery aggregators that successfully applied to a scheme to promote energy ...

---

THE RENEWABLE ENERGY TRANSITION AND SOLVING ...

Nov 27, 2025 · Summary ty constraints as critical challenges facing the elec Current Japanese laws and regulations do not adequately deal with energy storage, in particular the key question ...

---

Advancing grid stability and renewable energy: Policy ...

Jul 4, 2025 · The evolution of policies and regulations supporting battery energy storage system (BESS) development, utilization, and sustainability to enhance resource adequacy was ...

---

Gurin Energy selects Saft's battery energy storage system for ...

Tokyo, 12 June 2025 - Saft, a subsidiary of TotalEnergies, has been selected by leading Asian renewable energy developer Gurin Energy to supply a battery energy storage system (BESS) ...

---

Saft to Supply 1 GWh Battery Storage System for Gurin Energy's Japanese

Jun 23, 2025 · The system will provide over 1 gigawatt-hour (GWh) of storage capacity and support Japan's efforts to increase renewable energy integration. The project marks Gurin ...

---

Japans renewable FIP scheme and recent changes to the ...

Battery energy storage systems ("BESS") are playing an increasingly important role in the transition towards net zero. This briefing note focuses on (a) key differences between the FIT ...

---

Large-scale energy storage business

May 21, 2024 · Interview Key Social Issue , Mitigation of climate change Large-scale energy storage business Providing a platform that stores ...

---

Japan Battery Energy Storage System

Sep 11, 2025 · 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 ...

---

Japan Incentivizes Battery Storage Projects Amid Growing ...

Feb 28, 2024 · By 2030, official estimates show variable renewable energy reaching 20% of Japan's power mix. Noting the demand case and ever-growing renewables curtailment ...

---

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 ...

---

## Contact Us

---

For technical specifications, project proposals, or partnership inquiries, please visit:

<https://www.flightmasters.eu>

## Scan QR Code for More Information



<https://www.flightmasters.eu>