

Who owns the battery storage facility in Japan?

Project financing has been arranged by MUFG Bank representing the first battery storage project they have arranged finance for in Japan. Under the offtake agreement, Eku Energy will own the BESS while Tokyo Gas will own 100% of its operating rights for 20 years, with Eku Energy responsible for the ongoing maintenance of the facility.

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.

What are the policy settings for battery energy storage in Japan?

The policy settings in Japan support investment in Battery Energy Storage and are compatible with delivering safe, secure and reliable green energy in a cost-effective manner to energy consumers, which is our mission. Kentaro Ono, Eku Energy Japan's Managing Director, said:

Why did Sumitomo start a battery demonstration in Japan?

Aiming for the social implementation of a new energy infrastructure "electricity storage", Sumitomo Corporation launched Japan's first grid storage battery demonstration on Koshikishima Island, Satsumasendai City, Kagoshima Prefecture in 2015, and has since conducted demonstrations in multiple regions in Japan.

Why is battery storage important in Japan?

As the global net zero transition accelerates, Japan has introduced its GX (green transformation) policy which provides a roadmap for economic growth and emissions reductions. Increasing renewable generation is a vital part of this roadmap and battery storage has a critical role to play in balancing electricity supply and demand.

Why is Gurn energy developing a battery energy storage system?

Gurn 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.

Details Battery Storage Subsidies in Japan Introduction In the Sixth Strategic Energy Plan, published by the Japanese Government in October 2021, targets are set to (a) ...

TOKYO, Friday, 15 December 2023 - Pan-Asian renewable energy developer Gurn Energy today announced plans to enter the Japanese market to develop, build and ...

Tokyo Gas is also participating in the Japanese utility-scale battery energy storage system (BESS) market, signing a 20-year tolling offtake deal with Australian developer Eku Energy for a forthcoming 30MW/120MWh project. ...

The Japanese government has published the list of battery aggregators that successfully applied to a scheme to promote energy storage systems. The scheme aims to increase the uptake of residential and ...

Japanese trading company Sumitomo is planning to expand its battery storage capacity in Japan to 500MW by March 2031, a significant increase from the current 9MW, Reuters has reported. The initiative is aimed ...

Tokyo, Friday, 15 December 2023 - Pan-Asian renewable energy developer Gur'n Energy today announced plans to enter the Japanese market to develop, build and operate Japan's largest battery energy storage system (BESS), its ...

Lithium-ion-based battery technology companies received the most VC funding in 2024. Other top-funded categories included Materials and Component providers, Iron-air battery providers, Battery Recycling ...

The project, under construction in Ishikari Bay, Hokkaido, Japan. Image: Pattern Energy. US-headquartered developer Pattern Energy has achieved financial close on an offshore wind project in northern Japan which ...

The platform will initially target 1GW of BESS projects in Japan over the next five years, and seek to build and grow a long-term business in Japan to facilitate Japan's carbon neutrality goal, while supporting grid stability ...

Toshiba Asia Pacific, a subsidiary of Toshiba Corporation, provides support to Toshiba companies in the region with the strong focus to expand our business in the areas of ...

Nick Morely, APAC technical lead, Eku Energy; Drivers for energy storage in Japan. Itochu is one of Japan's biggest wholesale trading companies ("sogo sosha"). That means it is active in a wide range of business activities, ...

Farasis Energy develops lithium-ion batteries for electric vehicles and energy storage systems. It has two production facilities in China, one in Zhenjiang and one in Ganzhou, and is building more facilities to increase it ...

NEW YORK & TOKYO--(BUSINESS WIRE)--Stonepeak, a leading alternative investment firm specializing in infrastructure and real assets, and CHC, a leading battery ...

Kuramoto Manufacturing decided to enter the grid-scale battery storage business, the TSE Standard-listed glass substrate manufacturer announced on April 11, 2025.

Battery Energy Storage Systems (BESS) are pivotal technologies for sustainable and efficient energy solutions. This article provides a comprehensive exploration of BESS, ...

NEW YORK & TOKYO, JAPAN - May 14, 2024 - Stonepeak, a leading alternative investment firm specializing in infrastructure and real assets, and CHC, a leading battery energy storage system ("BESS") project ...

Regular readers of Energy-Storage.news will likely be aware that grid-scale battery storage activity in Japan has shown early signs of being on an upward trend, with major Japanese players and foreign market entrants ...

It also explores emerging applications in the smartphone battery, wearable battery, and consumer battery sectors. Our comprehensive coverage extends to UPS battery systems, energy storage battery solutions, and batteries for ...

SAPPORO, Japan -- Ocean winds whip across the beaches, hillsides and sprawling plains of Hokkaido. There's enough wind energy here for Japan's northernmost ...

Aiming for the social implementation of a new energy infrastructure "electricity storage", Sumitomo Corporation launched Japan's first grid storage battery demonstration on Koshikishima Island, Satsumasendai ...

A joint venture (JV) in Japan between financial services group Orix and regional utility company Kansai Electric (KEPCO) will build and operate a large-scale battery storage system. Orix said last week that the JV is ...

Japan Electrical Manufacturers' Association, Cumulative capacity of stationary lithium-ion battery storage systems shipped in Japan from fiscal year 2014 to 2023 (in ...

Global energy storage specialist, Eku Energy, has announced the Hirohara Battery Energy Storage System (BESS) located in Oaza Hirohara, Miyazaki City, Miyazaki Prefecture. The 30MW/120MWh battery is Eku's first ...

Sumitomo Corp, one of Japan's trading giants, has announced plans to significantly increase its battery energy storage capacity in Japan from the current 9MW to 500MW by ...

Singapore-headquartered renewable energy company Gurin Energy has revealed plans for a 500MW, 4-hour duration (2,000MWh) battery storage project in Japan. It's the biggest battery energy storage system ...

Battery storage developer Eku Energy has partnered with utility Tokyo Gas on a grid-scale energy storage

Japanese business building energy storage battery

project in Japan, with construction expected to start soon. The developer, jointly owned by a fund managed by ...

KYOTO, Japan--(BUSINESS WIRE)-- QuantumScape Corporation (NYSE: QS), a leader in next-generation solid-state lithium-metal battery technology, yesterday gathered ...

Provides information about [ITOCHU Concludes Partnership Agreement on Energy Storage Battery Business with TLC, PowerX and Shizen Energy]. ITOCHU, one of the leading sogo shosha, is engaging in domestic ...

Two of the most contested industry segments of the battery industry include automobile batteries, and stationary energy storage systems. Japanese companies have ...

The Japanese government, under the leadership of Prime Minister Fumio Kishida, has recognised the importance of battery energy storage system projects. By Joseph Kim, ...

The Hirohara Battery Energy Storage System (BESS) is located in Oaza Hirohara, Miyazaki City, Miyazaki Prefecture. The 30MW/120MWh battery is Eku's first in Japan, and the ...

The electro-chemical battery storage project uses lithium-ion battery storage technology. The project will be commissioned in 2018. The project is developed by Green ...

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