

Japanese company s own power station energy storage

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.

Why is energy storage important in Japan?

Japan's government has recognised that energy storage must play a key role in delivering energy supply stability and security and meeting renewable energy targets of 36%-38% of the generation mix by 2030. The target is part of a key Green Transformation ('GX') policy strategy toward carbon neutrality by 2050.

Why are Japanese companies investing in battery energy storage systems?

Sign up here. That is creating surging interest in battery energy storage systems (BESS) to smooth mismatches in supply and demand. Since December 2023, companies have announced investments of at least \$2.6 billion in Japanese battery storage projects, according to calculations by Reuters.

How big is Japan's battery storage capacity?

Rystad forecasts Japan's battery storage capacity could reach about 4 GW based on projects under construction, planned and awarded, which would require \$6 billion in investment.

How much battery power does Japan have?

As of March, Japan had 0.23 GW of grid-connected BESS, according to METI. By comparison, China has 75 GW and the U.S. has installed nearly 26 GW of battery storage capacity, according to the Energy Institute.

Where are Japanese power stations located?

Clockwise from top left, a Japanese power station in Kanagawa prefecture, a Sumitomo Corp.-built battery station in Kumamoto city, and wind turbines in Hokkaido's Ishikari bay. (Source photos by Konosuke Urata, Keigo Yoshida and Yasuki Okamoto)

The Fund is managed by GI Energy Storage Management, which was jointly established with Gore Street Capital (GSC), and is Japan's first dedicated fund that handles everything from ...

Japanese financial services group Orix is set to build one of the country's largest power storage facilities, partnering with Tesla Inc. for the supply of industrial-scale batteries.

a country where 90% of households could power their homes during blackouts using "energy piggy banks" (a.k.a. batteries). That's Japan's ambitious vision, fueled by massive subsidies ...



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A country with limited fossil fuels, frequent earthquakes, and a post-Fukushima energy identity crisis. Now imagine it leading the global charge in renewable energy storage. ...

In addition to efforts to provide a stable energy supply, JAPEX will pursue a stable supply that aligns with the times and aims for further growth as a "comprehensive energy ...

3 days ago#0183; Investors are pouring billions of dollars into Japan's nascent electricity storage market as power demand is growing after a long decline, but changes proposed to smooth the ...

4 days ago#0183; Nippon Chikudenchi commissioned its first grid-scale battery storage facility on May 7, 2025, the company announced on the same day. According to the statement, Sun Village ...

TOKYO -- Japanese trading house Sumitomo Corp. will spend 200 billion yen (\$1.3 billion) to set up battery facilities across Japan to store excess power generated by wind or solar farms, ...

The Japanese company also plans to buy a significant volume of residential and utility scale energy storage systems from LGQ to establish an advanced virtual power plant for ...

With Japan targeting 36-38% renewable energy by 2030, pumped storage is the Swiss Army knife of the grid. Solar and wind are great, but they're as reliable as a Tokyo train ...

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