

Japanese wind power energy storage project





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.

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.

Who built the Ishikari Bay New Port offshore wind farm?

The onshore construction was carried out by Kajima Corporation and the offshore construction by a joint venture between Shimizu Corporation and Nippon Steel Engineering. The Ishikari Bay New Port Offshore Wind Farm utilises 14 wind turbines manufactured by Siemens Gamesa Renewable Energy. The SG 8.0-167 DD is built specifically for offshore use.



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