
Oil platform using 120-foot Japanese energy storage containers

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 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.

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 a subsea oil storage system?

Contact us. Our Subsea Oil Storage system can be used to replace floating storage and offloading units (FSO/FSU), other subsea storage solutions, or an export pipeline. The modular design can be customized to fit the project need, such as for marginal field development.

Five 20-year fixed revenue capacity market contracts secured through Japanese government's second Long-term Decarbonization Auction NEW YORK & TOKYO - April 29, ...

This article introduces the structural design and system composition of energy storage containers, focusing on its application advantages in the energy field. As a flexible and ...

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 ...

Here's the kicker - Japan's 2025 feed-in tariff revisions now penalize solar farms that can't store excess energy. Suddenly, storage containers aren't just nice-to-have ...

Our experience in manufacturing offshore oil drilling rigs, oil production platforms, and floating oil and gas production, storage, and offloading facilities is utilized in the construction of offshore ...

ORIX entered the energy storage plant business in 2022 and is promoting the development of energy storage plants nationwide in Japan while also collaborating with ...

The Storage Revolution You Didn't See Coming Japan's storage containers aren't just metal boxes - they're climate chess pieces. With 2030 targets looming (36-38% renewables mix), ...

Ever wondered how Japan keeps its neon-lit cities buzzing despite limited natural resources? Enter energy storage containers--the unsung heroes of the country's renewable energy ...

The subsea storage solution can be combined with a jack-up based field proven mobile offshore production unit (MOPU) platform. Our engineering and testing activities have proven that it's ...

