

SolarTech Power Solutions

Construction of a large-scale energy storage project in Osaka Japan



Overview

Itochu has launched Senri Power Storage, a grid-scale battery energy storage system (BESS) project with 11 MW output and 23 MWh energy capacity in Suita City, Osaka Prefecture, Japan. 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 Japan start a large-scale energy storage facility in 2024?

Here, we will delve into our path taken to launch a completely new business and start operation of the first large-scale energy storage facility in Japan in 2024, as well as the challenges and future prospects on the front line. Joined the Company in 2013.

How does Japan's data center industry affect energy demand?

Japan's expanding data center industry and the growth of digital infrastructure are driving up energy demand, spurring the adoption of innovative green solutions such as battery storage systems that are crucial for the long-term success of renewable power generation.

Who is Japan's biggest solar developer?

Pacifico Energy is ranked as Japan's biggest solar developer, while another major developer in the country, Eurus Energy, is currently building its own first grid-scale BESS.

Why is Sumitomo launching a large-scale energy storage platform?

One of the main reasons is the insufficient capacity of transmission lines. In response to this issue, Sumitomo Corporation aims to expand its business of

storing energy nationwide in Japan by developing a large-scale energy storage platform that can compensate for this lack of transmission line capacity.

When will Tanagawa power storage station construction start?

According to the company's May 7, 2025, statement, Tanagawa Power Storage Station's construction is expected to begin in June 2025, with commissioning scheduled for February 2028. Kinden will handle engineering, procurement, and construction (EPC).

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Osaka Gas commissions first grid-scale BESS with partners, ...

6 days ago · Senri Power Storage Station is Osaka Gas's first operational grid-scale battery storage project. (Image: Osaka Gas) Osaka Gas, Itochu, and Tokyo Century commissioned ...

Japan's Largest Grid-Connected Battery Storage to Be Built in Osaka

May 12, 2025 · Osaka, Japan -- Kansai Electric Power Co., Kinden Corporation, and Japan Excellent Infrastructure (JEXI) have announced plans to build one of Japan's largest grid ...



Japan's Itochu, Osaka Gas partner for battery

Jun 8, 2023 · A grid-scale battery storage project in Hokkaido, northern Japan, the only region of the country where energy storage is required for new renewable energy projects. Image: ...

Japan: Tesla to supply 548MWh BESS, Sumitomo a 12MWh ...

Feb 5, 2025 · A render of the BESS project. Image: ORIX Corporation / PR Times. Tesla and Sumitomo Electric have both been selected to supply energy storage projects in Japan. Tesla ...



Itochu, Osaka Gas partner for 11 MW grid-scale battery energy storage

Jun 13, 2023 · Itochu has launched Senri Power Storage, a grid-scale battery energy storage system (BESS) project with 11 MW output and 23 MWh energy capacity in Suita City, Osaka ...

Japan Confirms Five New Battery Storage Projects

May 2, 2025 · Other projects in Japan include a municipal BESS project in Iida City, Nagano Prefecture. This small-scale system, with an installed capacity of 2 MW/4 MWh, is operated by ...



Biggest projects in the



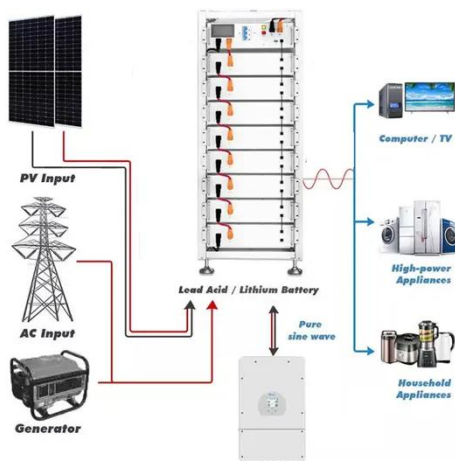
energy storage industry in 2024

Dec 25, 2024 · Following similar pieces in 2022/23, we look at the biggest energy storage projects, lithium and non-lithium, that we've reported on in 2024.

Japan: Large-scale battery storage opportunities in an

...

Jul 15, 2025 · For Eku Energy, the LTDA is important to the business model of its Japanese projects but the developer, perhaps best known for projects in the UK and Australia, sees ...



Japan Incentivizes Battery Storage Projects Amid ...

Feb 28, 2024 · The ramp up of battery storage projects in Japan continues apace, aided by growing subsidy avenues and rising volumes on various electricity ...

Eku Energy Commits to Japan's Long-Term Energy Transition ...

Sep 25, 2024 · At a ground-breaking ceremony on Tuesday, September 24, Eku Energy's Japanese subsidiary initiated the construction of the Hirohara Battery Energy Storage System ...

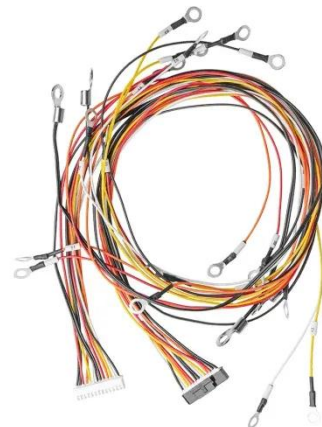


Saudi Arabia Launches Construction of 2.5GW Grid-Scale Energy Storage

Apr 17, 2025 · The construction of large-scale energy storage facilities will ensure the efficient and stable integration of renewable energy generation into the national grid, accelerating Saudi ...

construction of new energy storage industry projects in japan

Battery storage developer Eku Energy has partnered with utility Tokyo Gas on a grid-scale energy storage project in Japan, with construction expected to start soon.



Where is Most Construction Happening in

Japan: 2024 ...

Aug 19, 2025 · Japan's construction industry is witnessing a surge of activity in 2024, driven by significant investments in infrastructure, urban development, and sustainable projects. Key ...



Japan: CATL JV orders Hitachi Energy BESS for ...

Aug 7, 2023 · Construction is set to begin on a battery storage project in Japan through a joint venture (JV) involving CATL with utility Shikoku Electric Power. ...



Tesla Wins An Order for Japan's Largest Energy Storage Project

Feb 5, 2025 · ORIX, as an integrated financial group, is leading a large-scale energy storage infrastructure for the first time, marking the deep involvement of Japanese private capital in the ...



Battery Energy Storage Systems Report

Jan 18, 2025 · This information was prepared as an account of work sponsored by an agency of the U.S. Government. Neither the U.S. Government nor any agency thereof, nor any of their ...



The Energy Storage Landscape in Japan

Apr 5, 2023 · While energy storage markets have certainly added value to coal-fired and nuclear based energy supply chains, the evolving nature of energy landscapes in the major ...

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