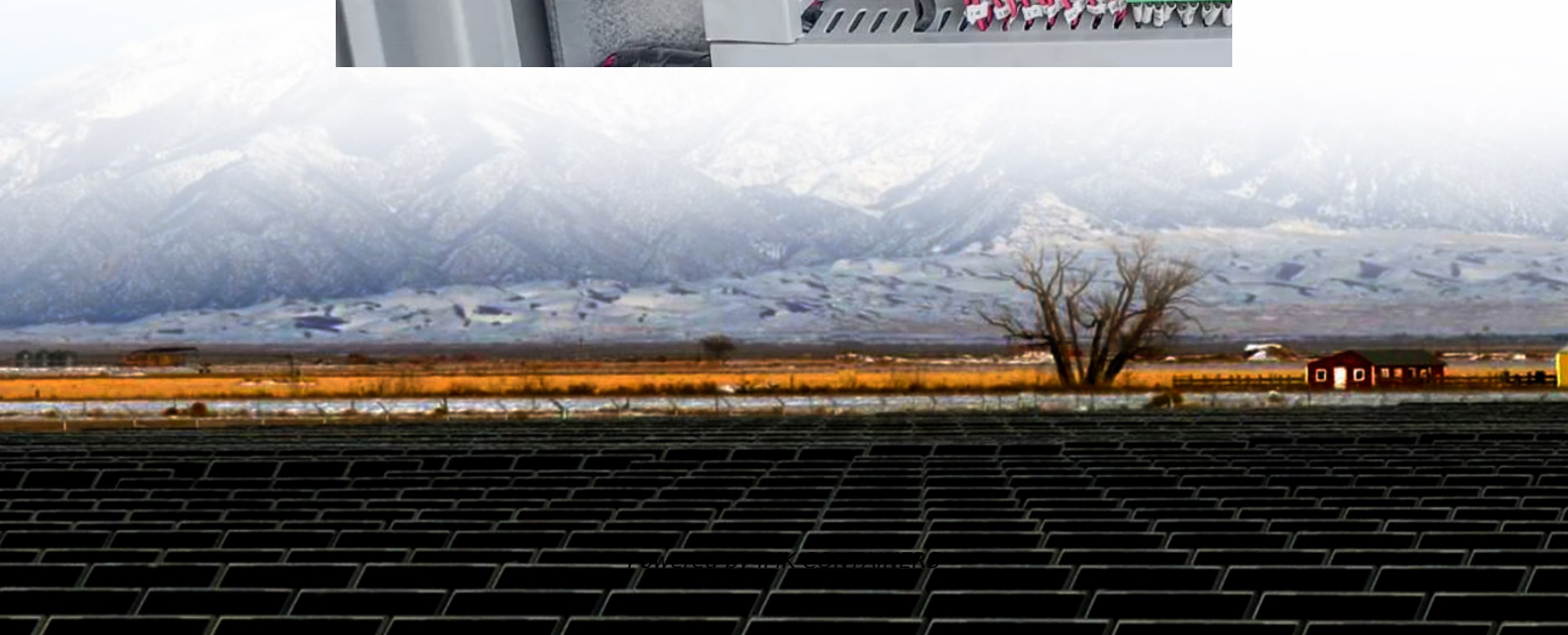


# Capacitor energy storage solution in Osaka Japan





## Overview

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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.

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 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.



## Capacitor energy storage solution in Osaka Japan

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### [Japan's ITOCHU, partners start up 11-MW ...](#)

Japanese trader ITOCHU Corp (TYO:8001) announced today that, together with its partners, it has commenced the operation of an 11-MW/23-MWh energy storage facility in Osaka prefecture.

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

Osaka Gas, Itochu, and Tokyo Century commissioned the 11MW/23MWh Senri Power Storage Station in Suita City, Osaka Prefecture, on August 20, 2025, the companies ...

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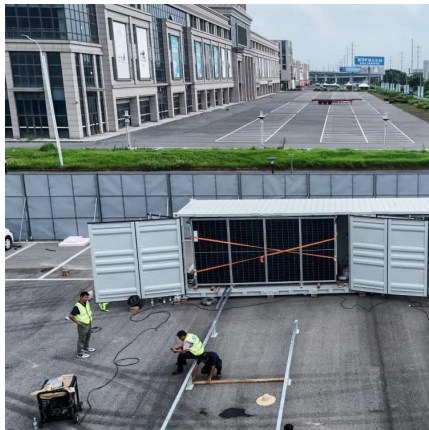
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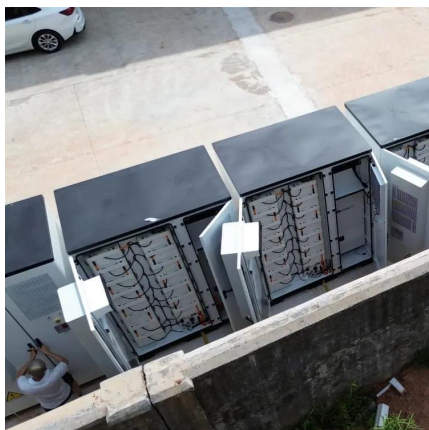
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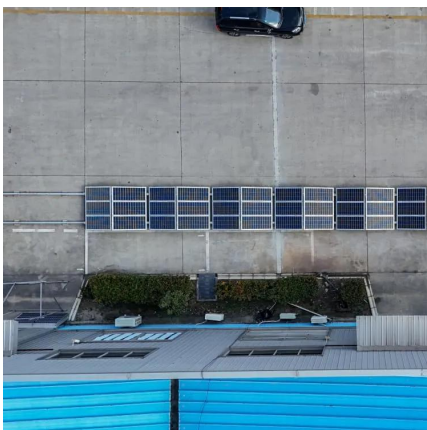
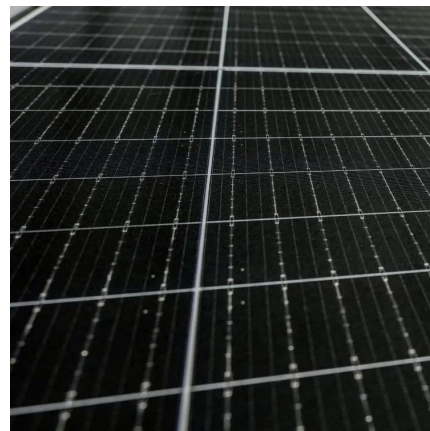
Japan's energy storage policies, market statistics, and trends--from METI's strategic plans and subsidy programs to deployment challenges.

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## [Osaka Gas and Sonnedix prepare Japan's](#)

Osaka Gas and Sonnedix installing what is claimed to be the largest BESS co-located with renewable energy generation in Japan so far.

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