

**EQACC SOLAR**

# **Energy storage device in Osaka Japan**



## Overview

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What is Itochu & Osaka Gas?

With this business, ITOCHU will design and supply energy storage system and power conditioners from its own procurement network, and will also build and maintain an optimal storage system. Osaka Gas will oversee trading in the energy market and control of the storage plant by utilizing its knowledge of the energy trade.

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?

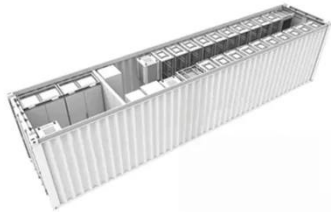
As policy, technology, and decarbonization goals converge, Japan is positioning energy storage as a critical link between its climate targets and energy reliability. Japan's energy storage policy is anchored by the Ministry of Economy, Trade and Industry (METI), which outlined its ambitions in the 6th Strategic Energy Plan, adopted in 2021.

Why is Itochu working with Osaka Gas & Tokyo century?

ITOCHU will work on this business together with Osaka Gas and Tokyo Century to ensure that the balancing power produced through this business can contribute to the further introduction and stable supply of renewable energy. Open area within the OSAKA GAS NETWORK CO., LTD. Senri Supply Center grounds

## Energy storage device in Osaka Japan

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### Research , Yamada Group Department of Energy and

Development of The Novel Electrolyte with Unparalleled Design  
StrategiesPioneering The Novel Reactions For Next-Generation Energy StorageDevelopment of The Next-Generation Rechargeable Battery TechnologyBreakthrough Energy Conversion Device with "Single-Atom Catalyst"Revolutionize The Electrochemical "Power-To-X" TechnologyExploring The Novel Reactions in The "Electro-Nanoreactor"Establish "Liquid-" Materials ChemistryDesign and Analysis of The Electrode-Electrolyte InterfaceLithium-ion batteries have been widely used for portable electronic devices because of their high energy density. Recently, lithium-ion batteries have been also applied for large energy-storage devices such as electric vehicles, and there is a large demand for increasing their energy density. The pioneering novel electrode materials or new battery See more on [sanken.osaka-u.ac.jp/itochu.jp](http://sanken.osaka-u.ac.jp/itochu.jp)

### ITOCHU Announces a New Grid-scale Energy ...

Provides information about [ITOCHU Announces a New Grid ...

## 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 ...



## Research , Yamada Group Department of Energy and

Our group aims to develop next-generation energy-storage devices solving those battery issues. For example, we invented novel lithium-ion conductive aqueous electrolyte, ...

## Large-scale energy storage business

Interview Key Social Issue , Mitigation of climate change Large-scale energy storage business Providing a platform that stores energy to promote the transition to ...



## Large-scale energy storage business

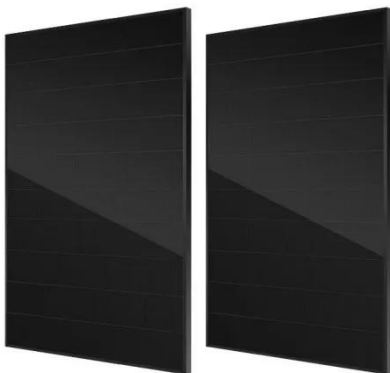
Interview Key Social Issue , Mitigation of climate change Large-scale energy storage business Providing a platform that stores ...



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## **ITOCHU Announces a New Grid-scale Energy Storage Plant with Osaka ...**

Provides information about [ITOCHU Announces a New Grid-scale Energy Storage Plant with Osaka Gas and Tokyo Century]. ITOCHU, one of the leading sogo shosha, is ...



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## **Japan Launches Largest Renewable Battery Storage Project By Osaka ...**

Japan's largest renewable battery energy storage system (BESS) project has broken ground in Kyushu under developers, Osaka Gas and Sonnedix.

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## **Osaka Gas and Sonnedix prepare Japan's 'largest renewable ...**

Osaka Gas and Sonnedix prepare Japan's 'largest renewable battery storage facility' - Energy-Storage.News Skip to content



## ITOCHU, Osaka Gas, Tokyo Century Launch Utility-Scale Battery Storage

ITOCHU, Osaka Gas, and Tokyo Century begin operations of Senri Chikudensho, a utility-scale energy storage facility in Osaka.



## 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.



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

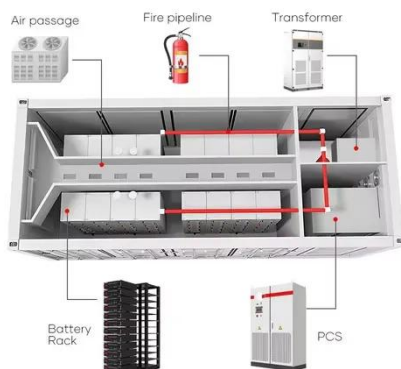
Osaka, Japan -- Kansai Electric Power Co., Kinden Corporation, and Japan Excellent Infrastructure (JEXI) have announced plans to build one of Japan's

largest grid-connected ...



## Japan Energy Storage Policies and Market Overview

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



## Japan's ITOCHU, partners start up 11-MW energy storage plant in Osaka

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 ...

## Japan's Largest Grid-Connected Battery ...

Osaka, Japan -- Kansai Electric Power Co., Kinden Corporation, and Japan

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