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# Japan Osaka household off-grid energy storage power station

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.

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.

Can EV batteries be reused in Japan?

One feature of our grid energy storage system is that it utilizes reused batteries from EVs. Although the penetration rate of EVs in Japan is still only about 1%, the Japanese government aims for 100% of all new passenger car sales to be EVs by 2035. This, at the same time, means that more batteries will be discarded.

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 ...

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

With the introduction of renewable energy accelerating, storage batteries, which can make up for output fluctuations of renewable energy, are expected to play more important ...

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 ...

ITOCHU, Osaka Gas and Tokyo Century will help accelerate the adoption of renewable energy, support the stability of the power grid, and work to realize a decarbonized ...

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The corporation announced yesterday the launch of its new business Senri Chikuden (Senri Power Storage). The three partners will establish a grid-scale battery energy ...

In this project, grid storage batteries (rated power output 11,000 kW, rated capacity 23,000 kWh) will be installed on the vacant land of the Senri Supply Station owned by Osaka Gas Network ...

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

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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