

Japan's Hybrid Turnkey Project for Energy Storage Battery Cabinets

Are battery energy storage systems a winner in Japan's LTDA auction?

In Japan's latest long term decarbonisation power source auction (LTDA), battery energy storage systems (BESS) have emerged as a clear winner in this category.

What is Matsuyama Mikan energy?

Delivered to Matsuyama Mikan Energy LLC--a joint venture between Shikoku Electric Power Company, Incorporated, and CHC Japan K.K.--the project is Hitachi's first domestic delivery of a grid energy storage system. The Matsuyama BESS features an output of 12 MW and a rated capacity of 35.8 MWh. Official operations began on August 1, 2025.

Why are battery storage projects growing in Japan?

The ramp up of battery storage projects in Japan continues apace, aided by growing subsidy avenues and rising volumes on various electricity markets, from spot to balancing to capacity.

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.

Japan's post-Fukushima energy landscape is like a high-stakes game of Jenga. With fossil fuel imports costing a fortune and nuclear power still controversial, the country's betting big on hybrid energy ...

Nomuraya plans to commission its first owned grid-scale battery storage project, a 2MW/8MWh facility in Ueda City, Nagano Prefecture on December 22, 2025, the company announced on December 1, 2025.

At a Glance Japan's energy consumption decreased 2.7% year-on-year while renewable energy supply has grown for eleven consecutive years. Companies have announced at least \$2.6 billion in Japanese ...

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

Battery storage steals the spotlight in Japan's renewables race Japan's latest long-term decarbonisation auction has drawn heavyweight investors including CDPQ, Macquarie and Stonepeak, yet ...

The new hybrid storage system developed in the HyFlow project combines a high-power vanadium redox flow battery and a green supercapacitor to flexibly balance out the demand for electricity and energy in critical ...

By 2030, official estimates show variable renewable energy reaching 20% of Japan's power mix. Noting the demand case and ever-growing renewables curtailment numbers nationwide, more and more firms ...

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Revenue streams NTT Group's Anode Energy commissions 15.3 MWh in Japan, launches turnkey service for storage projects NTT Group's energy arm has more projects coming online and a wider ...

What& How Building a large storage battery system with reused batteries Beginning more than a decade ago, Sumitomo Corporation was among the first to work on social implementation of large-scale ...

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