

A-Core Container

Japan s new energy storage installation



Overview

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Tokyo, August 6, 2025 – Hitachi, Ltd. (TSE:6501, "Hitachi") has recently delivered a set of grid energy storage system *1 to Matsuyama Mikan Energy LLC (Matsuyama Mikan Energy) *2 for its newly constructed Matsuyama Battery Energy Storage System (Matsuyama BESS) in Matsuyama City, Ehime Prefecture.

ESN Premium’s deep dive into Japan continues with a look at the complexities of an evolving market underpinned by strong drivers for energy storage. “Japan is targeting a 46% reduction in greenhouse gas emissions by 2030, with a goal of 40-50% power supply from renewable energy by 2040, roughly.

GSSG Chikuden secures a \$400 million investment from Vision Ridge Partners to develop utility-scale battery storage across Japan. This strategic move aims to fortify the nation’s grid, integrate more renewables, and accelerate decarbonization efforts. The sun rises over Japan, illuminating a nation.

Global energy storage capacity was estimated to have reached 36,735MW by the end of 2022 and is forecasted to grow to 353,880MW by 2030. Japan had 1,671MW of capacity in 2022 and this is expected to rise to 10,074MW by 2030. Listed below are the five largest energy storage projects by capacity in.

Japan’s energy storage sector is expanding, though growth remains uneven across segments. The overall market is expected to grow 11% annually, from USD 793.8 million in 2024 to USD 2.5 billion by 2035. Residential adoption is moving faster. Home lithium-ion battery systems generated USD 278.5.

GS Yuasa Corporation, a global leader in energy storage solutions and the parent company of GS Yuasa Battery Europe Ltd., has announced a significant milestone in its commitment to sustainable energy solutions. The company has secured an order for Japan's largest installation of containerised.

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