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Japan s solar energy storage subsidies



Overview

A total of 27 projects was awarded 34.6 billion yen in subsidies through METI's FY2024 program for supporting the expansion of renewable energy through introduction of energy storage, Sustainable Open Innovation Initiative (SII), the association responsible for implementing the program, announced in late December 2024. How much money does Japan spend on energy storage?

For the scheme 'Support for the introduction of energy storage systems for home, commercial and industrial use', the Japanese government has allocated around JPY9 billion (US\$57.48 million) from the FY2023 supplementary budget.

What percentage of Japan's electricity will come from renewable sources?

Japan is targeting for 36% to 38% of its electricity to come from renewable sources by 2030, up from about 20% today. Image: Andy Colthorpe / Solar Media The Japanese government has published the list of battery aggregators that successfully applied to a scheme to promote energy storage systems.

Does Japan need battery energy storage?

A Growing Need for Energy Storage The increasing generation of renewables on the Japanese grid has led to various support policies and CAPEX subsidy schemes to support the deployment of grid-scale Battery Energy Storage (BESS).

Does Japan have a capex subsidy scheme for grid-scale battery developers?

Increased generation of renewables requires various forms of energy storage to manage the issues associated with intermittency. Japan has, therefore, introduced two CAPEX subsidy schemes for grid-scale battery developers, excluding co-located projects.

What are Japan's new battery energy storage regulations?

The government is also reforming its battery energy storage system (BESS)

regulations, with batteries set to play an important role in maximizing renewable energy supply and avoiding grid constraints. We look at the changes being implemented and what they mean for renewable energy projects in Japan.

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.

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