
Japan's energy storage installation growth slows down

How is Japan's energy storage landscape changing?

Japan's energy storage landscape is shifting, pushed by household demand, corporate ESG mandates, and domestic battery manufacturing. The residential lithium-ion market, projected to grow at a CAGR of 33.9% through 2030, remains one of the fastest-expanding segments.

What drives energy storage adoption in Japan?

Shunsuke Kawashima, who works across Itochu's BESS business at all scales including residential, commercial and industrial (C&I) and utility-scale, opened the discussion by highlighting the drivers for energy storage adoption in Japan, of which he said there are two: increasing renewable energy generation and increasing demand for electricity.

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.

Is ancillary services market open to energy storage assets in Japan?

There is so far also only one ancillary services market for frequency response open to energy storage assets in Japan. Bennett said that is another area with high growth potential, while more projects with corporate power purchase agreements (PPAs) are coming into the Japanese market, leading to more trading in the spot market.

Japan Energy Storage Market growth is projected to reach USD 11455.82 Billion, at a 15.42% CAGR by driving industry size, share, top company analysis, segments research, trends and ...

Japan's Energy Transition Drives BESS Growth as Consumption Declines & Renewables Rise Despite decreasing energy consumption across business, household, and ...

Japan is one of the most talked-about emerging grid-scale BESS markets in Asia and featured prominently at the Energy Storage ...

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The energy storage industry's trajectory in recent years has been nothing short of remarkable, driven by increased customer ...

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On the other side of the coin, abundant residential energy storage systems and modular installation methods accelerate project construction. In the utility-scale energy storage ...

The rapid growth of renewable energy in Japan raises new challenges regarding intermittency of power generation and grid connection and stability. Storage technologies have ...

New European battery energy storage systems (BESS) installations reached 21.9 GWh in 2024, marking

an eleventh consecutive year of record deployments despite growth ...

Tokyo: Japan's rapidly growing battery energy storage sector is facing potential headwinds as proposed government policy changes spark concerns among industry players ...

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 ...

The energy storage systems market in Japan is expected to reach a projected revenue of US\$ 83,256.0 million by 2030. A compound annual ...

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