



Japan raises solar power target

Why should Japan invest in solar energy?

Japan will implement thorough energy conservation, and intends to achieve maximum deployment of clean energy through making renewable energy as the main source of power, utilizing nuclear power and other measures. We have a proven record as the world's third largest solar energy provider.

Will Japan achieve a sharp increase in renewables in its power generation?

Japan could achieve a sharp increase in the share of renewables in its power generation from the 22 percent attained in fiscal 2022, all while working to entirely phase out nuclear and coal power, the Renewable Energy Institute said.

Could a large-scale solar power plant boost Japan's energy production?

A large-scale solar power plant is seen in Oguni, Kumamoto Prefecture. Image: KYODO Japan could boost the share of renewable energy in its electricity production to 80 percent by fiscal 2035 by expanding the use of storage batteries and enhancing regional power grid cooperation, a Japanese think tank said in a recent study.

What percentage of Japan's power is renewable?

Renewables accounted for 21.7 percent of Japan's total power generation in 2020, according to a preliminary report released by the International Energy Agency (IEA) on March 15. The government had set a goal of increasing the renewable energy ratio to between 22 to 24 percent of the overall supply mix by fiscal 2030.

What are Japan's Energy plans?

Japan's 6th Strategic Energy Plan (released in 2021) and the GX (Green Transformation) Decarbonization Power Supply Bill (released in 2023) target increasing the share of non-fossil fuel generation sources to 59% of the generation mix by 2030 compared with 31% in 2022.

Why is Japan relying on greener energy sources?

Yasushi Ninomiya, a senior researcher at the Institute of Energy Economics, Japan, is optimistic about the current trend, even though the increase in reliance on greener sources of power was partly driven by a drop in economic activities caused by the pandemic.

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