



# About Solar Power Generation in Japan

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In recent years, Japan was one of the largest consumers of solar energy worldwide. Solar energy represents the largest energy-producing renewable energy source in the country. In fact,...

... In 2012, renewable energy development has slowed. There are concerns about whether Japan can meet its 2030 target of 36%-38% renewables in the power generation mix and achieve carbon ...

The steady growth of solar power in Japan is attributed to several factors, including the country's focus on energy security, economic efficiency and environmental sustainability.

Its 7th Strategic Energy Plan, released in February 2025, projects solar to rise from its current 10% share of electricity generation to between 23% ...

In 2023, the share of renewables in Japan's total electricity generation (including on-site consumption) was estimated to be 25.7% (preliminary figures), a significant increase (3 percentage ...

Japan has the third highest solar capacity in the world behind China and the United States, but its formerly rapid growth has slowed considerably.

To increase low-carbon electricity generation, Japan could look to expand its existing solar capabilities significantly. Additional investments in solar ...

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