

Japan electricity generation



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Electricity sector in Japan

Solar power is a growing source of electricity, and Japan has the third largest solar installed capacity with about 50 GW as of 2017. Japan's electricity production is characterized by a diverse energy mix,

[Japan Electricity Production: Post-Fukushima Recovery and Energy](#)

Following the Fukushima disaster and the subsequent nuclear shutdown, Japan's energy mix underwent dramatic transformation. The current composition reflects both emergency responses



[Japan Electricity Generation Mix 2025 , Low-Carbon Power Data](#)

The statistic data regarding electric power industry are available on this information system.

[2024 Share of Electricity from Renewable Energy Resources in Japan](#)

It is estimated that the share of renewable energy in Japan's total electricity generation including self-consumption for the calendar year 2024 was 26.7% as preliminary value, an increase of 1





[Electricity Statistics Information - Data | The Federation of Electric](#)

The statistic data regarding electric power industry are available on this information system.

Japan: electricity generation share by source , Statista

Natural gas was the largest source in electricity production in Japan in 2023, while renewables made up almost 23%.



[Japan Electricity Generation Mix 2025 , Low-Carbon Power Data](#)

Japan's electricity mix includes 31% Gas, 28% Coal and 11% Solar. Low-carbon generation peaked in 1998.

Japan Electricity Production, 2006 - 2026 , CEIC Data

Electricity Production data of Japan is updated monthly averaging at 72,615 GWh from Feb 2006 to Dec 2025. The data reached an all-time high of 96,844 GWh in Aug 2007 and a record low of 56,264



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