

# Large-scale solar power plants in Japan



## Overview

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Mega solar projects are expanding faster than local governments can manage, raising major concerns for landscapes, wildlife, and nearby communities. Under the new Takaichi Cabinet, Japan is set to tighten regulations on large-scale solar power plants, also known as "mega solar". (Updated October 2024) Here is a list of the largest Japan PV stations and solar farms. Get to know the projects' power generation capacities in MWp or MWAC, annual power output in GWh, state of location and exact location on the map, name of developer, year of connection to the electric grid, land. Solar panels are seen near the Kushiro Shitsugen in Kushiro, Hokkaido, in December 2024. Solar. Japan aims to increase its solar energy capacity to 150 gigawatts (GW) by 2040. This ambitious target represents a significant leap from the current capacity of approximately 87 GW (as of 2023, according to PVKnowhow's Japan Solar Panel Manufacturing Report). This is expected to contribute 33.7% by the end of 2030 with capacity of installations aggregating up to 4,822GW. The government may also discontinue financial support under its feed-in tariff and feed-in premium schemes for large, ground-mounted solar beginning April 2027.

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### [Japan to review support for large-scale solar-power projects](#)

Japan has decided to review its support for large-scale solar-power generation facilities, amid growing concerns about their impact on the environment. The government approved a package ...



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Japan's plan to achieve 150 GW of solar capacity by 2040 is a significant step toward a sustainable future. By developing large-scale solar plants and optimizing existing facilities, the ...

### [Top five solar PV plants in development in Japan](#)

Listed below are the five largest upcoming Solar PV power plants by capacity in Japan, according to GlobalData's power plants database. GlobalData uses proprietary data and analytics to ...



### [Japan Govt Adopts Measures to Curb Mega Solar Power Plant ...](#)

The measures, which were adopted on Tuesday at a meeting of relevant Cabinet members, include amending relevant legislation, bolstering monitoring systems and abolishing ...



### [Japan to tighten regulations on mega-solar projects to protect nature](#)

TOKYO, Dec 24 (Reuters) - The Japanese government will tighten regulations and end financial support for large-scale solar power projects to protect the natural environment, ensure safety



### [Largest solar power stations in Japan](#)

Get to know the projects' power generation capacities in MWp or MWAC, annual power output in GWh, state of location and exact location on the map, name of developer, year of connection to the electric ...



### [Minister eyes stricter regulations on large-scale solar farms](#)

New industry minister Ryosei Akazawa disclosed plans Thursday to tighten regulations on large-scale solar power plants to prevent environmental damage.



### [Japan plans to tighten laws around large-scale solar](#)

Japan is set to impose stricter environmental oversight on future large-scale solar projects. The government may also discontinue financial support under its feed-in tariff and feed-in



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In particular, its innovative approaches to large-scale solar parks, solar carports, and rooftop PV systems in the residential and commercial sectors demonstrate how the country is ...



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