



# Japan's excellent solar container power plant is in operation

<div class="df\_qntext">Does JAPEX operate a mega-solar power plant in Hokkaido?

JAPEX currently is involved in operation of two mega-solar power plants in Tomakomai City, Hokkaido. Tomakomai City has a unique set of advantages preferable to solar power generation, i.e., longer sunlight hours, less snow, and lower temperature. Mega Solar Power Plant on our Hokkaido District Office

<div class="df\_qntext">How will Japan's photovoltaic industry grow?

With continued investment and innovation, Japan's photovoltaic industry is poised for unprecedented growth in the coming years. With a 9.2% CAGR, Japan aims for 117.6 GW PV capacity by 2030, backed by robust government support and projects like the Setouchi Kirei Mega Solar Power Plant.

<div class="df\_qntext">When did solar power start in Japan?

The Sunshine Project (1973-1992) explored the potential of solar power, geothermal power, liquefied coal, and hydrogen as primary energy sources. In 1992, during the early years of commercial PV installation, Japan accounted for 27.8% of global PV production, and by 2004, this had risen to 50.4%.

<div class="df\_qntext">Which solar power plants are in Japan?

Japan is also investing in other innovative solar PV technologies, such as space-based solar power and flexible perovskite solar cells. Setouchi Kirei Mega Solar Power Plant- located in Setouchi, Okayama, is the largest solar power station in Japan, with a generating capacity of 235 MW.

<div class="df\_qntext">Is Japan a leader in solar PV innovation?

Japan is a leader in solar PV innovation and is now looking to grow its industry further amid US-China tensions and a shift to renewables. The country has been investing in floating solar power, which involves installing solar panels on water bodies such as reservoirs and lakes.

<div class="df\_qntext">Does Japan have solar power?

Solar power in Japan has been expanding since the late 1990s. Japan is a large installer of domestic PV systems, with most of them grid connected. The country was a major manufacturer and exporter of photovoltaics (PV), with a global market share of around 50% in the early 2000s.

According to GlobalData, who tracks and profiles over 170,000 power plants worldwide, the project is currently at the under construction stage. It will be developed in a single phase.

\*1 Japan's largest floating solar power plant in terms of output among those currently in operation. Claim is based on research by Kyocera TCL Solar LLC (as of March 20, 2018). \*2 Based ...

In today's dynamic energy landscape, harnessing sustainable power sources has become more critical than



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