

# Solar power generation in Fukushima Japan

Does Fukushima have solar power?

Fukushima Prefecture, which aims to meet 100% of energy demand in the prefecture using renewable energy, has been No. 1 among the six prefectures in the Tohoku region for cumulative solar power generation output for nine years in a row.

Does Fukushima need more renewables?

Within this national shift towards more renewables, Fukushima is playing a particularly dramatic role. In 2014, Fukushima Prefecture set a goal to meet 100% of primary energy demand from renewable power (windpower, solar thermal heating, photovoltaics, biomass for power and heating, geothermal energy and hydropower) by 2040.

Why is Fukushima a leader in cumulative solar power generation?

Because of projects like the Minamisoma facility, Fukushima Prefecture has claimed the crown as the Tohoku region's leader in cumulative solar power generation since 2013, and this is a direct consequence of the reconstruction policies that were put in place after the March 2011 earthquake, tsunami and nuclear disaster.

Are solar farms coming to Fukushima?

Many fields no longer suitable for farming now gleam with rows of solar panels due to a multibillion-yen investment in renewable energy. Government and industry financiers are pursuing plans to develop 11 solar farms and 10 wind farms on abandoned or contaminated land around Fukushima, according to news reports.

What is Fukushima's energy goal?

In 2014, Fukushima Prefecture set a goal to meet 100% of primary energy demand from renewable power (windpower, solar thermal heating, photovoltaics, biomass for power and heating, geothermal energy and hydropower) by 2040. This is an extremely ambitious goal for a region that was previously heavily invested in nuclear energy.

Where are Fukushima's solar installations located?

For comparison, the other image shows the same area in April 2014. Some of the most prominent solar installations are located near the towns of Futaba (above) and Tomioka (below). In 2014, Fukushima prefecture announced a goal of having all of its energy come from renewable sources by 2040.

The 2011 Fukushima nuclear disaster was unarguably one of the most important events for the energy industry in Japan. However, there were key changes implemented by the government that also made a contribution to ...

Fukushima Hydrogen Energy Research Field Solar PV Park is a 20MW solar PV power project. It is located

# Solar power generation in Fukushima Japan

in Fukushima, Japan. According to GlobalData, who tracks and profiles over ...

The shift from nuclear to renewable energy is progressing too. Last year, Fukushima became the top prefecture for solar-power generation in the country, generating 43.4 per cent of all energy ...

This report by the International Renewable Energy Agency (IRENA) outlines the country's experience with auctions for solar, wind and biomass power generation. Japan's renewable energy auctions are price-centred and tend to prioritise ...

Fukushima Prefecture, which aims to meet 100% of energy demand in the prefecture using renewable energy, has been No. 1 among the six prefectures in the Tohoku region for cumulative solar power...

The review concludes that in Japan, (i) renewable energy mainly solar and wind needs to be developed as fast as possible subject to various constraints, (ii) more gas power ...

Since the Fukushima nuclear disaster of 2011, Japan has relied on imported fossil fuels for electricity generation, but is quickly increasing its share of renewable energy ...

It is powered by the local grid and 20 MW of solar power generation facilities. In addition to generating power, the plant will help stabilise the electricity grid and allow for increased use of ...

