

## A-Core Container

# Solar New Zealand



## Overview

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How many solar power systems are there in New Zealand?

In 2024, 601 gigawatt-hours of electricity was estimated to have been generated by grid-connected solar, 1.4% of all electricity generated in the country. As of the end of November 2024, 67,000 solar power systems had been installed in New Zealand.

What is solar energy in New Zealand?

Learn about solar energy in New Zealand, and its advantages and limitations. In October 2022, Electricity Authority data showed 43,641 solar systems installed across New Zealand, adding up to 240 MW. This makes up an estimated contribution of under 1% of total electricity consumption.

Why is solar power increasing in New Zealand?

Solar power in New Zealand is increasing in capacity, in part due to price supports created through the emissions trading scheme. As of the end of September 2025, New Zealand has 787 MW of grid-connected photovoltaic (PV) solar power installed.

Why should you go solar in New Zealand?

Going solar demonstrates your commitment to sustainability and will help New Zealand achieve its target of net zero greenhouse gas emissions by 2050. Innovation and new technologies have led to new ways to generate, store and sell electricity back to the grid.

Does New Zealand use solar?

Globally, solar PV uptake has increased significantly over the past decade. While uptake in New Zealand has been slower to date, there is potential for greater utilisation as technology costs decrease, particularly at the grid-scale and on commercial building rooftops. How much of our electricity comes from solar?

2021 data is sourced from MBIE.

Should you install solar panels in New Zealand?

There are numerous benefits to installing solar panels in New Zealand. One of the main advantages is the potential for significant cost savings on your energy bills. By generating your own electricity, you can reduce or even eliminate your monthly electricity costs.

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## Contact Us

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