



**SolarTech Power Solutions**

# **Solar panels on rural roofs in North Macedonia**



## Overview

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Can North Macedonia develop solar energy?

The potential for solar energy development in North Macedonia is vast. With estimates suggesting that the country could harness up to 11 GW of solar PV capacity, there is significant room for growth.

What are the benefits of expanding solar energy capacity in North Macedonia?

One of the most compelling benefits of expanding solar energy capacity in North Macedonia is its potential to enhance energy independence. In 2021, approximately 33.2% of North Macedonia's electricity consumption was covered by imports.

How much solar power does Macedonia have in 2022?

By the end of 2022, the country had reached a photovoltaic capacity of approximately 144 MW, with projections indicating rapid growth in the coming years. In 2023 alone, North Macedonia saw an impressive increase in solar capacity, with new installations contributing to a total increase of 251% compared to the previous year.

Should North Macedonia accelerate the transition to renewables?

Like others in the region, North Macedonia must balance its need to rapidly accelerate the transition to renewables to secure its energy future with the need to ensure that future is one where both the country's nature and people thrive.

Can solar panels be installed on a north-facing roof in South Africa?

Solar PV panels are most effective on a broad, north-facing roof in South Africa. An easy way to find out if a solar installation would be worthwhile for your roof is to find your house on Google Maps in satellite view, and compare it with the compass icon that should appear on the lower right of your screen.

## Does North Macedonia have a country Factsheet?

Specifically for North Macedonia, country factsheet has been elaborated, including the information on solar resource and PV power potential country statistics, seasonal electricity generation variations, LCOE estimates and cross-correlation with the relevant socio-economic indicators.

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### Contact Us

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