



SolarTech Power Solutions

Türkiye solar panel project



Overview

How much solar capacity will be installed on Türkiye's rooftops?

It is therefore not clear what planned capacity will be installed on rooftops, land or water surfaces. Türkiye's technical potential of at least 120 GW of rooftop solar capacity indicates that rooftops will play an important role in achieving the country's solar energy capacity targets.

How much solar power will Türkiye have by 2035?

According to the National Energy Plan published by the Ministry of Energy and Natural Resources at the end of 2022, Türkiye plans to increase its solar power capacity to 52.9 GW by 2035. The 12th Development Plan published in October 2023 foresees a solar capacity target of 30 GW to be achieved by the end of 2028.

Does Türkiye have a solar roof?

Türkiye, which has ambitious solar targets, has a rooftop potential almost ten times its installed solar capacity. In addition to the current potential of roofs, tens of thousands of new buildings are being constructed every year in Türkiye with the rebuilding effort in the earthquake zone raising this figure even higher.

How much solar power does Türkiye have?

Total rooftop solar capacity potential is estimated at 120 GW, based on the flat and pitched roof areas classified as suitable in 70 provinces of Türkiye.

Will Türkiye's policies lead to a rapid increase in rooftop solar installations?

In fact, the installed rooftop capacity doubled for two consecutive years and reached 3 GW in 2022. Despite being far behind in rooftop solar power potential, Türkiye's policies could likewise lead to a rapid increase in rooftop solar installations. Download Acknowledgements Cover photo Mikel Bilbao / Alamy Stock Photo Contributors.

How many solar panels are there in 2023?

Looking at the total solar installed capacity, an average of 1.2 GW has been added annually for the last five years. In 2023, a new solar capacity of 1.8 GW was commissioned as of the end of November, bringing the total solar installed capacity to 11.2 GW.

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