



SolarTech Power Solutions

Hungarian solar energy ecosystem



Overview

Hungary has climbed to the top of Europe's solar energy ranking, surpassing Greece, as solar systems accounted for a remarkable 25 per cent of domestic electricity generation in 2024, according to a report shared by the Ministry of Energy (EM) on Thursday. Does Hungary have solar energy?

Alongside the Netherlands, Hungary is also one of the few countries where solar energy covered more than 80% of electricity demand on over 70 days during peak generation periods in 2023. By spring 2025, Hungary had built around 7,800 megawatts of solar energy capacity, with four-fifths of that installed since 2020.

How many solar systems are there in Hungary?

MEKH reported that the number of residential solar systems in Hungary increased from 292,000 at the end of 2024 to 309,000 by March 2025. In late 2024, MEKH announced that large-scale solar projects in Hungary were expected to reach 3.5 GW, with most of these projects being around 50 MW each.

How has Hungary progressed in the development of solar energy?

Hungary has made significant progress in the expansion of solar energy in recent years, both in the area of private solar installations and in the construction of large industrial solar power plants.

Is Hungary a good country to install solar power?

Compared to other European Union countries, Hungary is not yet at the top in terms of installed solar capacity, but has shown considerable growth in recent years. Countries such as Germany, Spain and Italy have significantly larger capacities, but Hungary is rapidly catching up.

How much solar power does Hungary have in 2024?

As of early November 2024, the country has achieved an impressive total

solar capacity of over 5,500 megawatts (MW), underscoring the importance of solar energy for Hungary's energy future.

How big is solar power in Hungary?

Solar momentum is building in Hungary with almost 4 GW of generation capacity, more than 2.5 GW of which is from arrays bigger than 50 kW in scale, according to data published in December by the Hungarian Energetic and Public Utilities Regulatory Authority. Attila Keresztes, CEO of Astrasun Solar.

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