

Bulgaria 3 kW solar power generation





Overview

How big is Bulgaria's solar power?

In a matter of months, Bulgaria's total solar power capacity is set to exceed 3 GW, compared to just 1.3 GW at the end of 2021. The lineup in the list of the largest photovoltaic plants is changing almost every week as major facilities come online, and there is more in the pipeline.

How big is Bulgaria's solar PV capacity in 2024?

At the close of 2024, Bulgaria's solar PV capacity had already reached 3.91 GW—an annual increase of over 1 GW. These developments come on the heels of Bulgaria's first renewable energy auction held in late 2024, where more than 3 GW of generation and 1.176 GW of storage capacity were secured.

How many GW of renewable electricity is there in Bulgaria?

Renewable electricity capacity increased by 938 MW in Bulgaria last year, compared to the addition of over 1.2 GW in photovoltaics in 2023. At the turn of the year, projects for a total of 4.1 GW were lined up for grid connections.

How many MW of renewables is Bulgaria generating in 2023?

Renewables capacity increased by 938 MW in Bulgaria last year, compared to the addition of over 1.2 GW in photovoltaics in 2023.



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BULGARIA AND ITS PLACE ON THE SOLAR ENERGY MAP

What should Bulgaria do about solar energy? The authorities in Bulgaria need to take steps to systematically reduce barriers, fees, and surcharges on small and medium-sized solar PV ...

The Net-Zero Circle

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Bulgaria Electricity Generation Mix 2024/2025 , Low-Carbon Power ...

1 day ago · Bulgaria's electricity mix includes 40% Nuclear, 24% Coal and 17% Solar. Low-carbon generation reached a record high in 2025.

ENERGY PROFILE Bulgaria

Solar PV: Solar resource potential has been divided into seven classes, each representing a range of annual PV output per unit of capacity (kWh/kWp/yr). The bar chart shows the ...

Bulgaria boosts renewables capacity by 938 MW in 2024

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