

PEES Power Systems

Bulgarian solar power generation for home use



Overview

Bulgaria's government outlines plans for renewable energy, yet lacks concrete strategies for rooftop solar installations despite the country's high solar potential. While a draft strategy exists, it lacks support for decentralised renewable projects. With the entry into force of amendments to the Renewable Energy Sources Act (ZEVI), Bulgaria is taking an important step towards stimulating investments in green energy. The amendments, published in the State Gazette on June 10, aim to significantly shorten and ease the administrative procedures. Solar power generated 12% of Bulgaria's electricity in 2023. [1] By the end of 2020 about 1 GW of solar PV had been installed. Incentives do include a solar rebate scheme, but. Bulgaria's solar energy sector is experiencing significant growth, driven by EU decarbonization goals, rising energy prices, and abundant sunshine. Low-carbon energy sources contribute over two-thirds to the electricity generation, with nuclear being the most significant player at nearly 40%.

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Solar power in Bulgaria

Solar power generated 12% of Bulgaria's electricity in 2023. By the end of 2020 about 1 GW of solar PV had been installed. It has been estimated that there is potential for at least another 4 GW by 2030. By the end of 2024 about 3.9 GW of solar had been installed. On Ma, peak photovoltaics power was 30% of Bulgaria electricity ...

Renewable Energy in Bulgaria

Renewable energy in Bulgaria aims to account for 27% of domestic production by 2030, contributing to the EU renewable energy target for 2030. The country is also aiming at a net zero ...

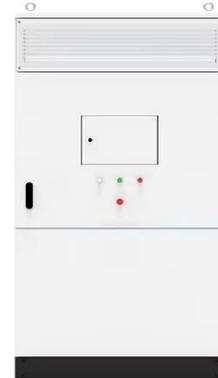


Changes in ZEVI 2025: new rules for solar investors and households

Key changes to the ZEVI came into effect in June 2025, easing procedures and deadlines for RES projects. Find out how these changes will accelerate investments in photovoltaic systems in Bulgaria.

Bulgaria launches EUR 123 million subsidy scheme for household solar

As part of the National Recovery and Resilience Plan and decarbonization efforts, the Ministry of Energy of Bulgaria is receiving applications from households for grants of 100% for solar ...



Overview of renewable energy in Bulgaria

At the end of 2023, the Bulgarian Energy from Renewable Sources Act was amended to facilitate the development of new renewable energy projects.

Top Solar Companies in Bulgaria: Market Leaders & Solutions

Explore the leading solar companies in Bulgaria. This guide covers top developers, EPC contractors, and technology suppliers like Solarpro, Energy, and Grace Solar for your renewable energy projects.



Bulgaria Rooftop Solar Country



Profile

Bulgaria's government outlines plans for renewable energy, yet lacks concrete strategies for rooftop solar installations despite the country's high solar potential.

Bulgaria Experiences Solar Boom as Large Photovoltaic Parks ...

The Bulgarian solar energy sector is witnessing a remarkable transformation as the country's solar power capacity surges past expectations, with the biggest photovoltaic parks coming ...



Bulgaria Electricity Generation Mix 2025 , Low-Carbon Power Data

To expand low-carbon electricity generation, Bulgaria can make strategic advances in its existing strengths of nuclear and solar power. Looking towards reference regions, Bulgaria could emulate ...



Bulgarian photovoltaic association

Future is here! In urban environment, transport, home and school photovoltaic energy is part of our everyday life. Bulgarian photovoltaic association is a non-profit organization unifying more ...



Solar power in Bulgaria

A 16.2 MW solar power plant in Zdravetz, Bulgaria was expected to be completed in June 2012, with power being sold for \$0.30/ kWh in a fixed rate 20 year power purchase agreement.

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