

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.

What are the main energy sources in Bulgaria?

However, there has been a gradual shift towards renewable energy sources. Notably, hydroelectric power and wind energy are becoming increasingly prominent in Bulgaria's energy portfolio. Nuclear power is another major contributor to Bulgaria's electricity supply.

What is Bulgaria's energy landscape?

Bulgaria's energy landscape is diverse, with a significant portion of its electricity generated from coal. This fossil fuel has traditionally been a cornerstone in the country's energy mix, due to abundant local reserves. However, there has been a gradual shift towards renewable energy sources.

Does Bulgaria benefit from solar power subsidies?

In the last two years, the combined nameplate size of solar power installations in Bulgaria has doubled to more than 2.4 GW and additions peaked this summer. Moreover, in the current top 20, no photovoltaic units built since 2021 benefit from any subsidies, data compiled by Capital.bg showed.

Are solar panels a viable option for self-consumption in Bulgaria?

Conversely, households and institutions interested in installing solar panels for self-consumption are still stuck with administrative hurdles. In the statistics of the International Renewable Energy Agency (IRENA), Bulgaria had 1.28 GW at the end of 2021 and 1.95 GW just one year later. The measure is expressed in nominal or peak capacity.

How much energy does a shower save in Bulgaria?

With the energy-saving shower, you can save up to 50% energy compared to standard shower heads. Or you can shower half the time. With the electricity price today in Bulgaria you can save 0.31 EUR for each shower.

What determines the electricity spot price?

The EWRC has determined the estimated market price (i.e. reference price) for producers of electricity from solar energy to be BGN 141.49/MWh. Based on the reference price, this Decision enables the EWRC to determine the premiums that producers receive from the Electricity System Security Fund (ESSF) as a top-up up to the respective FiT. The ...

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 online at an unprecedented pace.

Recent years have seen a surge in Bulgaria's investment in renewable energy. Solar power, in particular, has witnessed significant growth, with numerous solar parks being developed across the country. This shift is in line with global trends and Bulgaria's commitment to reducing carbon emissions and embracing sustainable energy practices.

The initiative is part of Bulgaria's National Recovery and Resilience Plan. It is worth a total of BGN 240 million (USD 134m/EUR 123m), with BGN 140 million coming from the EU's Recovery and Resilience Facility and BGN 100 million being national and private co ...

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The new prices and the 20% reduction in the purchase price of electricity from renewable energy sources has made a number of small and medium enterprises involved in building small photovoltaic power plants, united in the Bulgarian Solar Association, appeal against the decision taken by the Energy and Water Regulatory Commission.

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