

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 much does electricity cost in Bulgaria?

In the beginning of 2022, the average price of electricity in Bulgaria amounts to EUR 131.95 per megawatt, whereas in July last year it was to the tune of EUR 95 per megawatt. However, between July 2021 and January 2022, the price of electricity has fluctuated and at times, it exceeded EUR 300 per megawatt.

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.

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.

What is the largest solar power plant in Bulgaria?

After Verila, the largest unit is Tera Sol, at 111.6 MW in nominal terms (100 MW). Project firm C Solar energy was established by CSOL invest, a subsidiary of Georgi Zlatarev's C Energy Group. The photovoltaic park was built last month on almost 120 hectares in the vicinity of the village of Hrishteni near Stara Zagora.

Where is Galabovo solar BG located?

Galabovo Solar BG, another subsidiary of Santera Re, is operating a 201.4 MW (150 MW connection) photovoltaic park. But it should be noted that it also consists of three sites: in Obruchishte, Mednikarovo and Musachevo. The Galabovo municipality is in south-central Bulgaria, in the Stara Zagora province. The facility has just come online.

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.

Energy Act guarantees electricity produced from solar radiation, which usually flows into the public grid to be

paid by electricity companies in statutory rates. For every kilowatt-hour electricity provider pays a price higher than the purchase by the consumer.

We specialize in the construction of photovoltaic systems for business, home and solar power plants. We provide reliable and cost-effective solutions for the use of renewable energy for the needs of our customers in Bulgaria and the European Union. We are your trusted partner for turnkey solar systems projects at all sizes.

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Development of operational solar PV power plants in Bulgaria started with very moderate steps in 2007 but progressed with fast paces after the second half of 2010. At the end of 2020 cumulative installed solar PV capacity in Bulgaria reached 1,065 MW.

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