

Title: Bulgarian solar energy project

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How many solar projects are there in Bulgaria?

Currently, Bulgaria operates over 800 megawatts of wind projects. Bulgaria has an annual average of 2,100 hours of solar irradiation. As of 2023 over 1,700 megawatt projects are operational in Bulgaria and it is growing substantially. Geothermal energy is gaining attention, with legislative proposals to harness Bulgaria's geothermal potential.

Does Bulgaria have solar power?

In April 2023 Bulgaria's Inercom signed a contract with Huasun for a supply of 1.5GW solar modules. Solar power in Bulgaria was expanded by 100 megawatts (MW) in 2011.

How much solar power will Bulgaria have by 2030?

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 March 13, 2023, peak photovoltaics power was 30% of Bulgaria electricity generation. However, long-term share of solar power is much lower.

Which energy sources can be used in Bulgaria?

Renewable energy includes wind, solar, biomass and geothermal energy sources (although it is not yet known whether geothermal energy could generate any electrical power as only slightly over 100 degrees C had been found by 2023). Bulgaria has a high potential for solar irradiation, especially in the southern regions of the nation.

Bulgaria has officially approved the development of a 500-MW solar power project, marking a significant milestone in the country's renewable energy transition. Once completed, the ...

Bulgaria installed over 1 GW of solar for the third consecutive year in 2025 and is forecast to add over 2 GW this year thanks to a large pipeline of utility-scale projects.

To support Bulgaria's transition to a more sustainable and diversified energy mix, IFC is financing a 225-megawatt (MW) direct current solar photovoltaic (PV) project developed by Rezolv ...

Almost two years ago, Eurowind Energy and Renalfa IPP marked the start of the construction of the solar segment of a hybrid power plant near Yambol. The PV park is envisaged ...

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This quick rise highlights the country's growing significance in Eastern Europe's clean energy transformation, as well as strong market momentum for utility-scale and hybrid solar projects. ...

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.

Bulgaria's solar sector added 1.4 GW in 2025 and is poised for a record 2 GW+ in 2026, driven by competitive projects and BESS integration, though high eco-taxes pose a challenge.

Bulgaria installed 1,416 MW of new solar capacity last year, extending its run of annual additions above 1 GW to a third straight year and raising total installed solar capacity to 5,984 MW, ...

Bulgaria deployed 1,416 MW of solar "last year" (2025), marking its third consecutive year above the 1 GW threshold and pushing cumulative capacity to nearly 6 GW. The market is ...

Energy Development GmbH ("Energy") and OMV Petrom S.A. ("OMV Petrom") are pleased to announce the establishment of a 50-50% joint venture to build and operate the Gabare ...

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