

Which energy sources can be used in Bulgaria?

Renewable energy includes wind,solar,biomass and geothermalenergy 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.

Why is Bulgaria promoting self-sustaining energy solutions?

Bulgaria is also pushing for small- and medium-sized businesses to adopt more self-sustaining energy solutions,including solar energy and battery storage,to reduce dependency on the grid during peak consumption times. Source: IRENA

Is Bulgaria getting more solar power?

Over the past year, Bulgaria has made considerable progress in expanding its renewable energy capacity, particularly in solar power. Solar energy production has surged from one gigawatt (GWh) in 2019 to more than three GWh today, with solar accounting for nearly half of the country's electric capacity from renewables.

Does Bulgaria have a good energy sector?

Bulgaria's energy sector is at a critical juncture,with two main objectives shaping its direction: decarbonization and reducing reliance on Russian energy. Over the past year,Bulgaria has made considerable progress in expanding its renewable energy capacity,particularly in solar power.

What is Bulgaria's solar power potential?

Bulgaria's solar power potential is significant,especially in the southern regions. The country has rapidly expanded its solar capacity from 100 MW in 2011 to over 2,400 MW by 2023,with 600 MW added in 2022 alone. The largest solar parks are Dalgo Pole (207 MW) and Verila (123 MW).

Does Bulgaria have a good energy mix?

In recent years, with the help of the European Community, Bulgaria has invested in key infrastructure projects with partners such as Greece, Romania and Serbia, which will benefit its energy mix in the long term.

Partner Sales Manager HVAC & BMS at Siemens for Albania, Bulgaria, Kosovo and North Macedonia
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This turnkey PV+ESS solution will enhance power supply through peak-shaving and energy balancing, further advancing Bulgaria's energy transition. The project applies one of Hanersun's flagship products, HITOUCH 6 series bifacial module, which uses 210mm silicon wafers, with module efficiency up to 21.6% and bifaciality of 80%, significantly ...

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Operator of the building automation system BMS - "Honeywell enterprise" with about 60 DDC boards and above 10 000 points - Monitoring the parameters of the facilities of one of the large shopping centers in Bulgaria, including equipment such as AHUs, Chillers, lightings, heat and cold centers and ect. and their adjustment to the required norms.

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