



MODERNIZATION SOLAR

Bulgaria energy storage solar industry project construction





Overview

Why is energy storage growing in Bulgaria?

Energy storage in Bulgaria is expanding rapidly as the government awards nearly 10 GWh of capacity to 82 projects, boosting renewable energy reliability and grid stability.

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 megawatts project are operational in Bulgaria and it is growing substantially. Geothermal energy is gaining attention, with legislative proposals to harness Bulgaria's geothermal potential.

How big is Bulgaria's solar PV capacity in 2024?

At the close of 2024, Bulgaria's solar PV capacity had already reached 3.91 GW—an annual increase of over 1 GW. These developments come on the heels of Bulgaria's first renewable energy auction held in late 2024, where more than 3 GW of generation and 1.176 GW of storage capacity were secured.

How many MW is a new photovoltaic plant in Bulgaria?

The new photovoltaic plant with the capacity of 165MW is added to the 18MW installed capacity of the Garda wind farm, already operated by the PPC Group in Bulgaria. PPC Group, on top of the 208MW of RES in operation or under construction, has an additional 550MW of RES in Bulgaria at various stages of development.



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Feb 14, 2025 · 2. Project background: Solving PV curtailment and power rationing, empowering solar farms As an important market for the development of renewable energy in Europe, ...

[Dynamic expansion of PPC Group in Bulgaria](#)

The dynamic expansion of PPC Group in the Bulgarian Renewable Energy Sources market is marked by the commencement of the construction of a new photovoltaic plant with battery ...



Bulgaria Commits EUR600 Million to Nearly 10GWh in Energy Storage

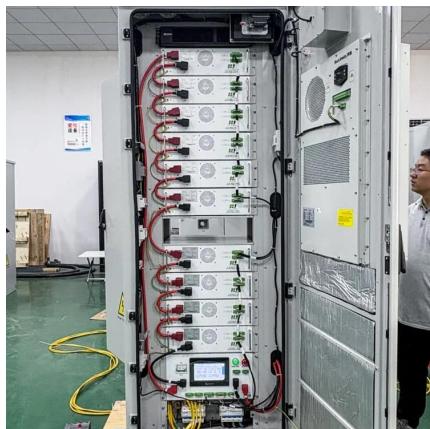
Aug 4, 2025 · The selected projects--funded under the EU-supported RESTORE program--will receive up to 50% of construction and commissioning costs, aiming to reinforce grid stability ...

Bulgaria awards EU funds to 249 projects for renewables with energy storage

Nov 4, 2024 · Developers of 249 projects in Bulgaria will receive EUR 268 million in total grants for renewable electricity plants with



energy storage.



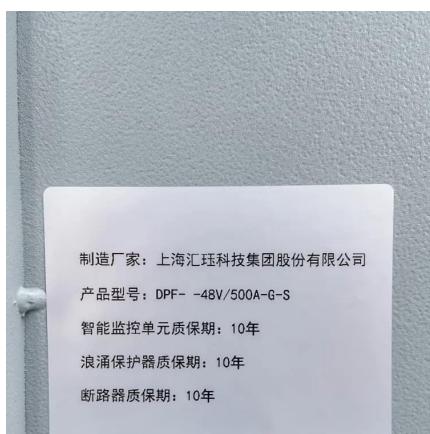
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Apr 23, 2025 · Bulgaria has selected 82 winning energy storage projects for a share of BGN 1.15 billion (EUR588 million) in financial support.



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Jan 6, 2025 · Approximately 200 million EUR investments to encourage the combination of new renewables with local electricity storage facilities (totaling around 200 MW); Transformation of ...



[Bulgarian Tender Awards Nearly 10 GWh of Energy Storage](#)

Apr 23, 2025 · The successful projects are expected to facilitate the efficient use of renewable energy, ensuring a steady supply even as demand fluctuates. This initiative positions Bulgaria ...



[Bulgaria finalises EUR600m funding for 10GWh of energy storage](#)

Apr 23, 2025 · Bulgaria has selected 82 winning energy storage projects for a share of BGN 1.15 billion (EUR588 million) in financial support.

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Apr 23, 2025 · Energy storage in Bulgaria is expanding rapidly as the government awards nearly 10 GWh of capacity to 82 projects, boosting renewable energy reliability and grid stability.



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SUNOTEC and Sungrow Sign 2.4 GWh Energy Storage ...

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