
Bulgarian energy storage solar project unit

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.

What does Bulgaria's surge in storage capacity mean for Europe?

As Europe races toward climate neutrality, Bulgaria's surge in storage capacity signals a shift not only in national priorities but also in regional energy dynamics.

Bulgaria will provide 228.9 million leva (\$137.8 million/117 million euro) to finance 31 projects for electricity storage facilities, which will create over 4,000 MWh in usable energy ...

Sigenergy, in partnership with the leading Bulgarian energy company Trakia MT, has successfully completed a 20 MWh utility-scale co-located project in Malko Tarnovo, ...

Bulgaria's Energy Ministry has awarded 9.7 GWh in its energy storage tender 82 winning projects to receive BGN 1.15 billion in state support through NPVU Conducted under ...

On December 16, Trina Storage announced it will further expand its strategic partnership with Lightshift Energy, a U.S.-based developer, builder, and operator of energy ...

Bulgaria's Ministry of Energy will finance 82 standalone renewable energy storage projects with a combined grant budget of BGN 1.154 billion (~\$675 million) under the EU-backed RESTORE ...

As a highly integrated, fast-responding, and stable solar and storage solution, this project provides a replicable model for Bulgaria and the broader European region. It also highlights the vital ...

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Solar MD, a battery manufacturer based in South Africa, opened its LiFePO₄ Energy Storage facility in Rousse last year. State-owned Bulgarian Energy Holding or BEH ...

The portfolio includes several large-scale projects across Bulgaria with Sungrow's battery energy storage system PowerTitan 2.0. Sunotec and Sungrow have signed a strategic ...

Bulgaria's second standalone energy storage procurement exercise of 2025, worth close to BGN 229 million (\$137.2 million), received a lot of interest and there are 30 ...

Bulgaria's Minister of Energy Zhecho Stankov. Image: Ministry of Energy. Bulgaria's Ministry of Energy has approved EUR588 million in funding for 82 standalone battery energy ...

/SOFIA, BULGARIA, July 15, 2025, 11:30 CET, RENEWABLE MARKET WATCH(TM)/ A Bulgarian project for manufacturing batteries for energy storage has been granted strategic status under ...

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