



Hybrid solar storage project financing options in Bulgaria 2026

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 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.

Is Bulgaria moving towards a greener energy future?

Bulgaria is taking bold steps toward a greener energy future, having recently wrapped up its most ambitious energy storage tender to date.

How will the selected storage systems be distributed in Bulgaria?

The selected storage systems will be geographically distributed across Bulgaria and connected either to the national transmission grid or local distribution networks. All awarded projects must be operational by March 2026.

How much money does the NRRP provide for energy projects in Bulgaria?

Under the RESTORE initiative, launched through Bulgaria's National Recovery and Resilience Plan (NRRP), the Ministry of Energy has selected 82 projects that will collectively receive BGN 1.15 billion (approximately \$675 million) in public funding.

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.

Revised February 13, 2023 Below are slides the authors prepared about tax credit opportunities and development challenges for battery storage. Tax benefits available after passage of the IRA: What is storage?

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Independent energy expert and assurance provider DNV has been playing a key role in providing advisory services to Atlas Renewable Energy to secure \$510 million in ...

The new system also signals the beginning of Bulgaria's national plan to reach 10 GWh of battery storage capacity within the next year. A recent capacity tender has already allocated nearly 9,713 MWh to upcoming ...



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Under two calls in Bulgaria, developers of 249 projects will receive EUR 268 million in total state aid. The programs are for renewable electricity plants with energy storage ...

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Financing Models Hybrid solar storage projects rely on a combination of funding sources. Public-private partnerships spread risk and concentrate resources, which can attract government ...

The projects, which aim to increase Bulgaria's renewable energy capacity and bolster energy storage infrastructure, have undergone evaluation, with a project completion ...

As discussed in Part 1: VDER Revenue Stack for Standalone Storage Projects, while the Value of Distributed Energy Resources (VDER) Calculator is a freely accessible tool ...

MIAMI, FL, UNITED STATES, April 21, 2025 / EINPresswire / -- Atlas Renewable Energy, an international leader in renewable energy solutions, secured the largest financing in its history ...

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Projects will need to be operational by 31 March, 2026. The funding comes from Bulgaria's portion of the EU-wide Recovery and Resilience facility, the bloc's scheme to ...

The EBRD agreed today to lend up to EUR 50 million for its first InvestEU-supported project in Bulgaria. In parallel, a EUR-53-million financing facility will be provided by Raiffeisen, a press statement says. The Tenevo ...

The distributed energy storage market is still nascent, but energy storage for solar systems is expected to reach \$8 billion in 2026, according to Lux Research. Sharp recognizes ...

French independent renewable energy producer Qair has secured a loan from the State Bank of Mauritius (SBM Bank) to fund the construction of 60 MW of hybrid solar and battery storage ...

Bulgaria's recovery and resilience plan*This value includes also the part of the plan which is financed with national resources. 50 investment streams and 47 reforms 57.5% of the plan will support climate objectives 23.1% of the plan will ...

While lenders may need to undertake additional diligence before financing an energy storage project, the



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project finance market for energy storage has grown, and is expected to continue to grow, alongside the rapid expansion ...

Over 140 giant battery projects above 1 GWh each are already planned through 2026, dozens of which are multi-gigawatt-hour endeavors linked with renewable generation . This fast-growing marriage of solar and storage is ...

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Ranking of projects: based on the requested grant per 1 MWh of usable electrical energy storage capacity, as proposals are ranked in ascending order of the requested grant per unit of usable ...

Bulgaria's RESTORE program --funded by the EU's Recovery and Resilience Facility (RRF)--has unlocked 9.7GWh of battery storage capacity across 82 projects, tripling its initial 3GWh target .

PPC Group is accelerating its expansion in the Balkans by laying the foundation stone for its Colosseum solar power project in Bulgaria. The facility will have 165 MW in peak capacity and include a battery energy storage ...

The Estepa project will be a hybrid system composed of a photovoltaic solar plant with an installed capacity of 215 MW and an estimated generation of 600 GWh per year. It will also ...

At the end of 2021, against the backdrop of skyrocketing fossil fuel prices in Europe, it became clear that there was no viable alternative to financing the solar energy sector in Bulgaria and ...

The pace of large photovoltaic projects in Bulgaria indicates that total capacity can reach 6 GW by the middle of next year. The expansion isn't slowing down. Investors in ...

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STANDALONE BATTERY STORAGE Bgaria will finance 82 standalone ...

Austrian renewable energy developer Renalfa IPP has announced the successful securing of EUR103 million in funding for its 237.6 MW hybrid solar project located in ...

DNV has played a key role in providing comprehensive advisory services to Atlas Renewable Energy to secure USD 510 million in financing for the landmark Estepa hybrid ...

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