

Global PV Storage Insights

Expected ROI of home energy storage project in Bulgaria 2026



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 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.

Expected ROI of home energy storage project in Bulgaria 2026



 **LFP 12V 100Ah**

Bulgaria: Energy Storage Project Call Oversubscribed by 4.3 Times

The call for autonomous energy storage projects in Bulgaria received proposals totaling EUR2.55 billion, 4.3 times the allocated budget of EUR581 million. However, access to funding remains ...

Sermatec Takes a Bold Step with Major Energy Storage Project in Bulgaria

Sermatec has secured a huge energy storage project in Bulgaria, exceeding 430 MWh. This initiative aims to electrify Eastern Europe's energy landscape and promote green energy.



Supporting Bulgaria's renewable energy transition

In addition, this month Bulgaria's decarbonisation efforts have taken an important leap forward with the conclusion of the country's first renewable energy with co-located battery energy storage systems tender, ...

EU's Largest BESS Project Now Online in Bulgaria

A battery energy storage system (BESS) described as the largest deployed to date in the European Union (EU) has been commissioned in

Bulgaria. Officials with the country's Ministry of Energy said

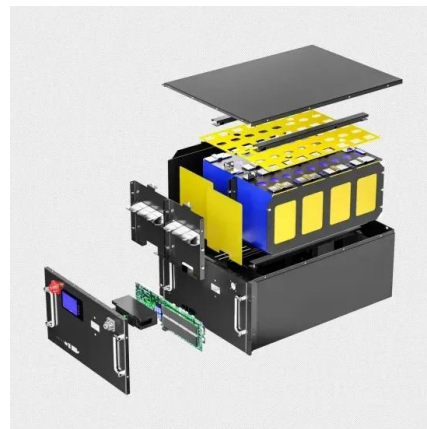


Bulgaria outlines EU-funded tender for standalone ...

The Ministry of Energy in Sofia plans to launch a tender on September 2 for standalone energy storage systems. It issued the draft framework for public debate, which lasts one month.

Enery, OMV Petrom Launch Joint Venture for Bulgaria 400-MW ...

Enery and OMV Petrom form a 50-50 joint venture to build the 400 MW Gabare solar park in Bulgaria, eyeing 600 MWh storage and EUR 200 m investment by 2027.



Bulgaria opens public consultation on subsidies for 1.9 GWh of ...

Bulgaria's Ministry of Energy is launching a new round of subsidies for battery energy storage projects, worth EUR 118 million.

Energy Storage in Bulgaria Surges with 9.7 GWh ...

With nearly 10 GWh of standalone energy storage capacity awarded--more than triple the initial target--the country is making significant headway in reinforcing grid stability and accelerating the integration of ...



OMV Petrom, Energy JV to build 400MW solar PV in ...

The Gabare solar PV project will be located in the northwest of Bulgaria and will be built to allow the potential co-location of a battery energy storage system (BESS) of up to 600MWh.

Sermatec Secures 430+ MWh Energy Storage Project in Bulgaria

The project officially launched in August 2025 and is scheduled for delivery by the end of December, with grid connection and operation expected by March 2026.



Sermatec secures 430+ MWh energy storage project in Bulgaria

From Bulgaria's sun-drenched Black Sea coast to the energy heartland of Eastern Europe, Chinese energy storage technology is playing an increasingly vital role in ...

Bulgaria: NEK deploying BESS at hydropower plants

The announcements didn't give more information than that, but local reports said the four additional BESS units will total 'at least' 279MWh. The reports indicate the hydropower plants are run-of-river, while NEK also has ...



151 proposals totalling almost BGN 5 billion were submitted under ...

"I am satisfied with the serious interest in the construction of renewable energy storage facilities. This ensures a significant increase in the share of renewable energy in the ...

Bulgaria opens public consultation on subsidies for 1.9 GWh of ...

Bulgaria's Ministry of Energy has launched a public consultation on a new round of its subsidy program for battery energy storage projects, aimed at facilitating the integration of ...



Battery-Based Energy Storage: Our Projects and ...

TotalEnergies develops battery-based electricity storage solutions, an essential complement to renewable energies. Find out more about our projects and achievements in this field.

Shanghai Sermatec wins 430+ MWh energy storage project in Bulgaria ...

Shanghai Sermatec Energy Technology has been awarded a contract for a 430+ MWh energy storage procurement project in Bulgaria. The company will provide a comprehensive, full ...



Energy Circle

The following article covers Bulgaria's current energy mix, energy growth potential, as well as the country's plans on transitioning from lignite coal and nuclear energy to renewable energy ...

Bulgaria's National Recovery and Resilience Plan

The most significant persistent positive effects on growth and productivity over the medium to long run are expected to stem from investment in decarbonising the economy (including the ...



Sermatec wins 430-MWh energy storage order in Bulgaria

Chinese energy storage system provider Shanghai Sermatec Energy Technology Co Ltd said on Monday it has recently secured a 430-MWh-plus energy storage procurement ...

Bulgaria to fund 249 renewable energy and energy storage projects ...

The projects funded by this initiative are expected to contribute around 3 GW of new renewable energy capacity and approximately 1.2 GW of energy storage to Bulgaria's ...



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

Developers of 249 projects in Bulgaria will receive EUR 268 million in total grants for renewable electricity plants with energy storage.

Bulgaria: Energy Storage as a Catalyst for a Changing ...

The Current State of the Bulgarian Power Market: Why is Energy Storage More Relevant than Ever? The Bulgarian power sector is currently attracting significant interest from foreign and ...

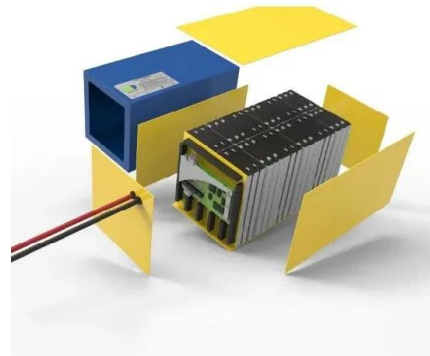


Bulgaria Secures Boost For Its Renewable Energy Future

The newly announced projects will help achieve this, providing an estimated 3 gigawatts of renewable energy and 1.2 gigawatts of energy storage. The projects will focus on solar and ...

Bulgaria launches EU's largest battery storage system

The new project therefore marks a significant scale-up in both power and energy capacity. Advance Green Energy is currently focused on the construction and operation of ...



Bulgaria launches call for grants for standalone energy storage units

Bulgaria prepared EUR 589 million in grants for standalone energy storage projects. The deadline for applications is November 21.

Renewable Energy in Bulgaria

Further, calls by the Bulgarian Ministry for Energy for renewable energy plants with energy storage (crucial to divest reliance away from fossil fuels) have stipulated project deadlines for March 2026. This push in funding ...

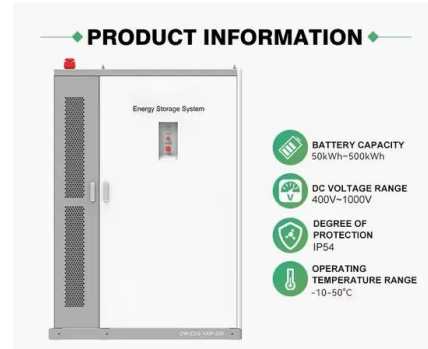


Over 1.4GWh! Two Enterprises Secure Energy Storage Orders in Bulgaria

Sermatec: Secures 430+MWh Energy Storage Project Recently, Shanghai Sermatec Energy Technology Co., Ltd. has successfully secured a 430+MWh energy storage ...

Bulgaria launches EU's largest battery storage system

The new project therefore marks a significant scale-up in both power and energy capacity. Advance Green Energy is currently focused on the construction and operation of renewable energy storage infrastructure, and the ...



Power Technology

These projects are expected to play a vital role in optimising Bulgaria's energy framework and greatly improving the security and resilience of both its energy networks and ...

Bulgaria: Key investment decision for Kozloduy nuclear expansion

The development of Units 7 and 8 at Bulgaria's Kozloduy nuclear power plant is moving steadily forward, with the final investment decision expected in 2026, according to Petyo Ivanov, CEO ...



Bulgaria: Energy Storage Infrastructure on the Rise in Bulgaria

In recent years, Bulgaria has increasingly prioritized the development of energy storage infrastructure as part of its broader transition to a more sustainable and resilient energy ...

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