

# What are the energy storage projects in bulgaria





## Overview

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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 renewables. Under the RESTORE initiative, launched through Bulgaria's National Recovery.

Developers of 82 standalone battery storage projects in Bulgaria, for an overall 9.71 GWh in capacity, got approval for EUR 587 million in subsidies from the Ministry of Energy. Another 30 landed below the line, but the government intends to boost the program by EUR 120 million. More than four.

The Ministry of Energy of Bulgaria has selected 82 winning energy storage projects for a share of BGN 1.15 billion (€588 million/US\$670 million) in financial support. The scheme will support the construction and commissioning of 82 standalone energy storage projects with a total of.

Bulgaria's standalone energy storage tender, which aimed to procure at least 3 GWh of cumulative usable capacity, ultimately awarded more than three times that amount. From ESS News Bulgaria will finance 82 standalone renewable energy storage projects worth over 1.15 billion levs (\$675 million).

Bulgaria's Ministry of Energy has approved €588 million in funding for 82 standalone battery energy storage projects, totaling nearly 9.7GWh of usable capacity. The final decision, announced on April 17, 2025, concludes a competitive selection process that began with 151 proposals in August 2024.



Bulgaria's Ministry of Energy has awarded a total of 9,712.89 MWh under its 2024 standalone energy storage tender, representing 3 times the original target of 3,000 MWh. The tender was launched last year, aiming to significantly increase the share of renewable energy, mainly wind and solar, in the. 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 project proposals were submitted in Bulgaria's energy storage procurement procedure?

A total of 151 project proposals were submitted in Bulgaria's standalone energy storage procurement procedure named RESTORE, which is seeking to support the construction and commissioning of renewable energy storage facilities with a cumulative minimum usable capacity of 3 GWh.

Did Bulgaria's energy storage tender win more than 3 GWh?

Bulgaria's standalone energy storage tender, which aimed to procure at least 3 GWh of cumulative usable capacity, ultimately awarded more than three times that amount. From ESS News.

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.

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 many MWh will a new energy storage project deliver?

The selected projects will deliver a total usable energy storage capacity of 9,712.89 MWh, the Ministry of Energy said on April 17, more than three times the minimum target of 3 GWh originally set by the tender. The deadline for



submission of project proposals was December 5, 2024.



## What are the energy storage projects in Bulgaria

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### [55 MWh battery storage system goes live in Bulgaria](#)

Billed as the largest operating battery energy storage system in Bulgaria to date, the 25 MW/55 MWh facility, developed by Austria's Renalfa IPP, came online at the start of the ...

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

Fortunately, Bulgaria sits in the privileged position where it can profit from the experiences of other energy systems with high renewable shares. Here, battery-based energy storage is integrated ...



### **Energy storage battery projects - opportunities and challenges**

Location of projects: Optimal location of projects can increase profit margins by positioning in areas with higher concentration of RES and grid congestion. Battery projects offer significant ...

### **Bulgaria's NEK to equip five hydropower plants with battery storage**

In addition to a 10 MWh pilot project at Vacha 1, NEK plans to add battery energy storage systems (BESS) to four other hydropower plants.



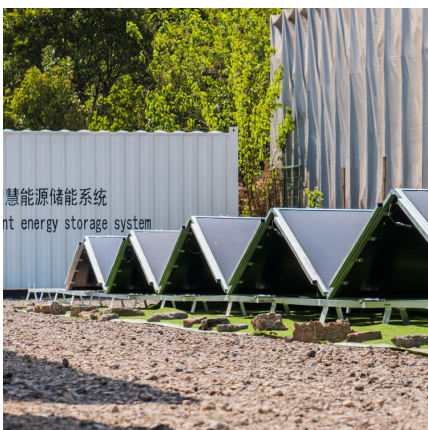
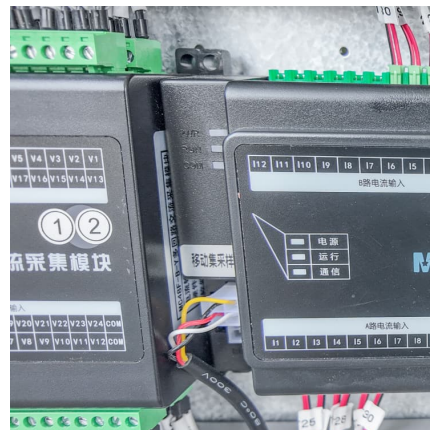
### Battery energy storage systems The case of Bulgaria: recent ...

Request for a minimum capacity of 10MWac;  
Have a technical advisor with previous experience in either a combined project for production and storage or standalone storage project with ...



### 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 ...



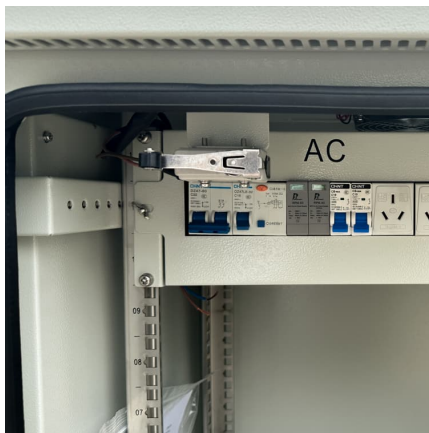
### Kehua's Energy Storage Solution Propels Bulgaria's Largest BESS Project

The project is co-located to a 33 MWp PV plant, this hybrid solar plus storage project is seamlessly integrated into the transmission system operator (TSO) grid. Kehua, as a world ...



[Energy storage regulation in Bulgaria , CMS Expert ...](#)

Energy storage projects are facing the following challenges: Lack of revenue - Energy storage projects are expensive to develop. The ...



**SUNOTEC and Sungrow Ink Landmark Deal for 2.4 GWh Energy Storage ...**

SUNOTEC and Sungrow have announced a groundbreaking partnership to deploy 2.4 GWh of battery energy storage systems (BESS) across several solar energy ...

[Bulgaria launches renewables-plus-storage tenders](#)

The Bulgarian Ministry of Energy has launched two renewables-plus-storage tenders to the tune of BGN 535 million (\$298 million), accepting ...



**Bulgaria Commits EUR600 Million to Nearly 10GWh in Energy ...**

Bulgaria's largest commissioned system to date is a 25MW/55MWh installation by Renalfa (June 2024), followed by an 18.7MWh project from China-based Sermatec. In ...



### [Bulgaria to fund 583 mln euro renewable energy](#)

...

Bulgaria will finance 82 projects worth over 1.14 billion leva (\$662 million/583 million euro) under an EU-funded initiative to build renewable ...



### **Green Energy Powers the 'Country of Roses': Sigenergy's 20 MWh Project**

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 opens calls for battery storage subsidies](#)

...

A South African investor opened a battery factory in Rousse last year Bulgaria is relying heavily on battery technology and energy storage ...





### [Bulgaria launches renewables-plus-storage tenders](#)

The Bulgarian Ministry of Energy has launched two renewables-plus-storage tenders to the tune of BGN 535 million (\$298 million), accepting bids from companies in all ...

### **Battery energy storage systems The case of Bulgaria: recent ...**

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



### **Bulgaria inaugurates 496 MWh battery system, announced as ...**

Bulgaria has inaugurated a 124 MW / 496.2 MWh battery energy storage system (BESS) in the town of Lovech, described by the Ministry of Energy as the largest such ...

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

Bulgaria has committed over 1.15 billion leva (\$675 million) to support 82 standalone renewable energy storage projects through its EU-funded RESTORE procurement ...



[Bulgaria - pv magazine International](#)

Bulgaria has completed a 496 MWh battery energy storage system, billed as the largest in the European Union. Crews completed the project in six months with backing from ...



[Sermatec Secures Energy Storage Project in Bulgaria](#)

Shanghai Sermatec Energy Technology secured a 430 MWh energy storage project in Bulgaria, offering a full-lifecycle solution to optimise grid efficiency. Sermatec began ...



**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.





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

The chosen projects were evaluated for their ability to meet Bulgaria's energy storage needs while adhering to the program's rigorous standards. The high storage capacity ...



### [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 ...

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