

# **Total investment cost of enterprise ESS system project in Bulgaria**





## Overview

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The ministry said the main objective of the investment, totalling BGN535.1 million (US\$298.2 million), is to increase the share of clean energy in Bulgaria by supporting the construction and integration of renewables into the grid. Which energy storage projects have been selected in Bulgaria?

The Ministry of Energy of Bulgaria has selected 82 winning energy storage projects for a share of BGN 1.15 billion (€588 million) in financial support. Power generation firm Hidroelectrica has enlisted local firms Prime Batteries Technology and Enevo to deploy a large-scale BESS project in Romania.

How much financing is available for a Bess project?

The maximum financing for one project for one enterprise is up to BGN58.7 million. The financing will cover up to 50% of the eligible costs, with a maximum of BGN743,215 for 1MW of installed capacity of the BESS. The Bulgarian government started a public consultation on the country's first renewable energy auction in October 2023.

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 is the deadline for submitting project proposals in Bulgaria?

The deadline for submission of project proposals was December 5, 2024. The Bulgarian Ministry of Energy announced on December 6 that it has received 151 project proposals worth nearly BGN 5 billion, which far exceeded the available funding of BGN 1.154 billion. Of the submitted proposals, 118 projects—totaling BGN 1.6 billion—were shortlisted.



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### Bulgaria grants EUR 587 million to 82 battery storage projects

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 ...

### [2022 Grid Energy Storage Technology Cost and](#)

...

In addition to ESS installed costs, a \$/kWh levelized cost of storage (LCOS) value for each technology is also provided to better compare the complete cost of each ESS over the duration

...



### Bulgaria launches consultation on 1.9 GWh energy storage ...

That round selected 82 standalone renewable energy storage projects, with a total investment exceeding 1.15 billion leva (\$675 million), under the EU-funded initiative.

## Bulgaria

Bulgaria is a relatively low-cost investment destination with government incentives aimed to attract new investment. While rapidly evolving, the country still offers some of the least

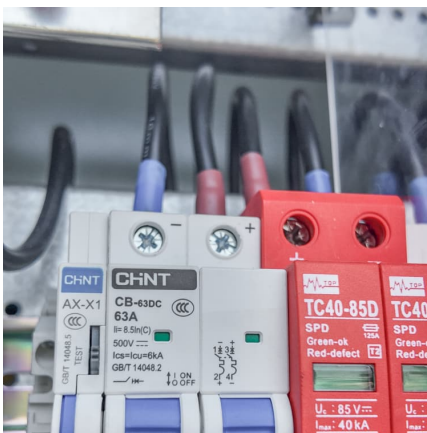


expensive ...



**DBM Video: Total Investment 4 Billion!  
Tesla signed the first grid ...**

Kangao Energy, a subsidiary of China Kangfu, is the main body of the project, with a total investment of 4 billion yuan. Megapack, a Tesla energy storage product, is used to build a ...



[Bulgaria battery energy storage system project](#)

Hithium has launched a 55 megawatt hours (MWh) battery energy storage system (BESS) project in Razlog, southwestern Bulgaria. The project, the largest in Eastern Europe, has been ...



[ESS Guide to Filling in the Application Form](#)

ESS supports downstream research and development ("R& D") activity with focuses on commercial application and viability of project deliverables. It will NOT support mass production ...





### [Bulgaria: largest BESS project online, with Hithium](#)

The system is the largest in Bulgaria. Image: Renalfa IPP. A 25MW/55MWh battery energy storage system (BESS) has been commissioned in Bulgaria, Eastern Europe, by operator Renalfa IPP, using technology provided ...



### [Energy Storage Systems \(ESS\) Projects and Tenders](#)

Content Owned by MINISTRY OF NEW AND RENEWABLE ENERGY Developed and hosted by National Informatics Centre, Ministry of Electronics & Information Technology, ...

### [Bulgaria outlines EU-funded tender for standalone ...](#)

Bulgaria earmarked EUR 589 million for the endeavor, funded under the European Union's Recovery and Resilience Facility. The Ministry of Energy in Sofia plans to launch a tender on September 2 for standalone ...



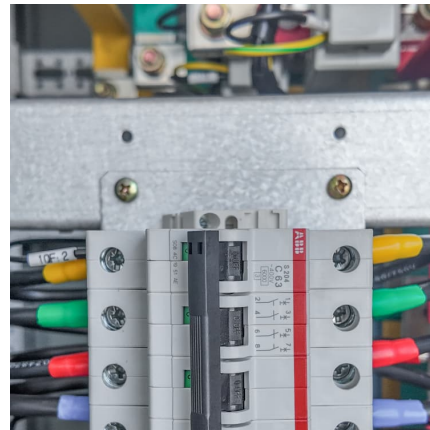
### [Sigenergy debuts large-scale Bulgarian energy ...](#)

Chinese company Sigenergy has launched the SigenStack stackable system, based on the smallest size of stationary BESS. The Shanghai-based manufacturer has installed 90 SigenStacks at a solar project in Malko ...



### Justification Book

(ESS) National Industrial Security Program (NISP) DCSA NISP Central Access and Information Security System (NCAISS) a web-based Identity Management (IdM) enterprise portal, PKI ...



### [Poland Secures \\$3.7B for Energy Shift and Storage ...](#)

The aid will be provided in the form of direct grants and loans, ensuring that investment costs are covered for small and medium-sized enterprises. In addition to this European funding, the Polish government has ...

### ESS Prices Plummet to Historic Lows

Since 2023, the battleground of pricing has grown fiercer, with the cost of lithium carbonate plummeting, signaling an escalation in the price wars of ESS tender projects. Amidst ...





[Table 1 . Costs Estimation for Different BESS ...](#)

Download Table , Costs Estimation for Different BESS Technologies. from publication: Break-Even Points of Battery Energy Storage Systems for Peak Shaving Applications , In the last few years

[Commercial & Industrial ESS Solutions](#)

Our Commercial & Industrial energy storage system is a customized solution integrating battery packs, BMS, PCS, EMS, auto transfer switch, etc. It offers energy ranging from 50kWh to ...



[What is Employee Self Service \(ESS\) and How Does ...](#)

Cost: Evaluate the total cost of ownership, including licensing fees, implementation costs, and ongoing maintenance expenses. Ensure that the chosen platform provides a good return on investment.

**ESS/INSA National Learning Management System to Empower a ...**

The Impact: Building Human Capital for a Data-Driven Nation The ESS Learning Management System is more than just software; it's a strategic investment in human capital that produces ...



### [Bulgarian tender awards nearly 10 GWh of energy ...](#)

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 ...



### [Commercial & Industrial ESS Solutions](#)

Our Commercial & Industrial energy storage system is a customized solution integrating battery packs, BMS, PCS, EMS, auto transfer switch, etc. It offers energy ranging from 50kWh to 1MWh and covers most of the commercial and ...



### **Energy Storage in Bulgaria Surges with 9.7 GWh Awarded Under ...**

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.





### 173GWh! Projections for Global Energy Storage

Projections for ESS Installations in the MEA in 2024 (Unit: GW) Overall, ESS regulations are becoming more robust and established, subsidy policies are regularly issued, ...



### Energy Storage Cost and Performance Database

Cost and performance metrics for individual technologies track the following to provide an overall cost of ownership for each technology: cost to procure, install, and connect an energy storage ...

### **Kehua's Energy Storage Solution Propels Bulgaria's Largest ...**

This significant milestone marks the system as Bulgaria's largest BESS project to date, jointly developed by Kehua and Solarpro, the largest energy EPC company in Eastern Europe and a ...



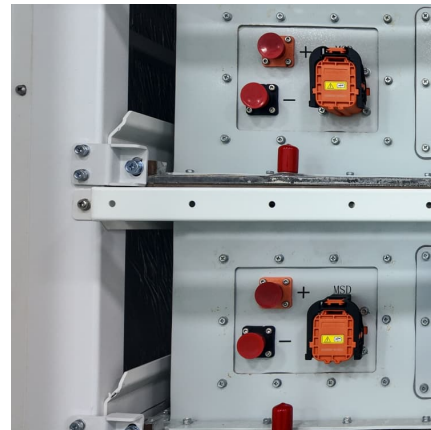
### **Enterprise Support Scheme (ESS)**

ESS supports downstream R& D activity with focuses on commercial application and viability of project deliverables. It will NOT support mass production activities, general business ...



### [Energy Storage Cost and Performance Database](#)

Cost and performance metrics for individual technologies track the following to provide an overall cost of ownership for each technology: cost to procure, install, and connect an energy storage system; associated operational and ...



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

The grants will cover up to 50% of the eligible costs, with a maximum of BGN 743,215 per megawatt of installed energy storage capacity. The deadline for submitting project proposals is June 12,

### **ESS Prices Plummet to Historic Lows**

Since 2023, the battleground of pricing has grown fiercer, with the cost of lithium carbonate plummeting, signaling an escalation in the price wars of ESS tender projects. Amidst industry fluctuations, pricing has emerged as ...





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