

## Standalone energy storage cost breakdown in Bulgaria 2026



## Overview

---

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.

How much battery energy storage capacity does Bulgaria have?

Bulgaria has installed between 40 MWh and 50 MWh of battery energy storage capacity to date. However, new national legislation as well as funds provided through the European Union's Recovery and Resilience Facility (RRF) could add another 1 GWh of storage capacity over the next two years.

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 much money does the Bulgarian Energy Ministry provide for energy storage?

The Bulgarian Energy Ministry opened a tender procedure for supply of energy storage on August 21, 2024. The procedure aims to provide funding for construction and implementation of a 3,000 MWh stand-alone battery storage facility. The total amount of the grant that can be provided under the procedure is €590 million (\$ 536 million).

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 will be invested in Bulgaria's electricity system?

Energy minister Vladimir Malinov said the investments, worth up to BGN1,153,939,700 (US\$657.4 million) “will guarantee the security and stability of the Bulgarian electricity system.” Tender bids must be submitted electronically, with more information available on this portal.

## Standalone energy storage cost breakdown in Bulgaria 2026

---

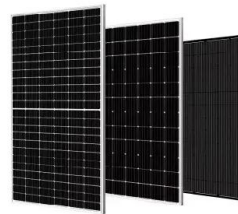


### The Mobility House to optimize 2.5 GWh of colocated battery storage ...

In what could be the biggest single optimization deal in Europe to date, Bulgaria's Electrohold Trade has selected Germany's The Mobility House to optimize the fleet of its ...

### Bulgaria's Ministry of Energy opens 3GWh tender for ...

This event will bring together key stakeholders from across the region to explore the latest trends in energy storage, with a focus on the increasing integration of energy storage into regional grids, evolving ...



### Bulgaria preps 3 GWh standalone energy storage tender

The Bulgarian Ministry of Energy is readying to launch a tender on September 2 and provide Capex support for the construction and commissioning of 3 GWh of standalone energy storage facilities



### 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 ...



## Bulgaria's 3GWh standalone energy storage tender 4x ...

The deadline has now passed for Bulgaria's EU-backed support scheme for standalone energy storage, and the bids submitted amount to four times the available capital ...



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

Building on the success of its initial RESTORE procurement, which backed nearly 10 GWh of energy storage development, the Bulgarian Ministry of Energy has opened a ...



## Huge Response to Projects for Standalone Energy Storage in Bulgaria

During this year, Bulgaria announced a call for grants for standalone energy storage units. The Bulgarian Ministry of Energy then prepared over 580 million euros in grants ...



## Bulgaria launches 3,000-MWh EU-backed energy storage tender

Bulgaria on Wednesday launched a long-delayed tender for at least 3,000 MWh of new energy storage capacity as part of its efforts to increase the share of renewable energy ...



## Residential Battery Storage , Electricity , 2022 , ATB

This work incorporates base year battery costs and breakdown from the report (Ramasamy et al., 2021) that works from a bottom-up cost model. The bottom-up battery energy storage systems (BESS) model accounts for major ...

### Standalone BESS Solutions

Standalone BESS solutions can be dynamically sized to suit any long-duration storage requirement, typically sized from 100kW/ 400kWh to 40MW/ 160MWh. Standalone solutions are usually made up of multiple containerised units and ...



## Bulgaria's call for standalone energy storage is 4.3 ...

Developers in Bulgaria applied for 4.3 times more in grants for standalone energy storage than the budget. Funding is uncertain, though.



## Bulgaria outlines EU-funded tender for standalone ...

Eligible costs are calculated from March 9, 2023 until March 31, 2026 at the latest. The selected facilities would provide primary frequency regulation and automatic secondary frequency regulation services.

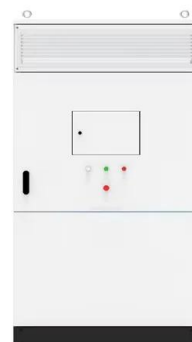


## Bulgarian tender awards nearly 10 GWh of energy storage

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.

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

Transformation of AES Galabovo into a large-scale energy storage facility using proven technology implemented in concentrated solar power plants (CSP) using molten salts





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

More ambitious projects - a European funded tender scheme for 1.4 GW/1.68 GWh renewables-plus-storage as well as 6 GWh of stand-alone storage - were previously announced but still ...

## Bulgaria opens bidding for 3GWh standalone battery energy storage

The scheme was announced earlier in June this year. As part of the National infrastructure for the storage of electricity from renewable sources (RESTORE), the country's ...



## Spain launches two energy storage programmes with ...

One of the two programmes will be directed towards pumped hydro energy storage. Image: MITECO. The government of Spain is launching EUR280 million (US\$310 million) in grants for standalone energy storage projects, ...

## Cost Projections for Utility-Scale Battery Storage: 2023 Update

Executive Summary In this work we describe the development of cost and performance projections for utility-scale lithium-ion battery systems, with a focus on 4-hour duration ...



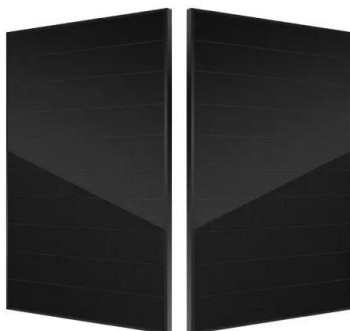
## Issues in Focus: Drivers for Standalone Battery Storage ...

This study evaluates the economics and future deployments of standalone battery storage across the United States, with a focus on the relative importance of storage providing energy arbitrage ...



## Utility-Scale Battery Storage , Electricity , 2024 , ATB , NREL

Current Year (2022): The 2022 cost breakdown for the 2024 ATB is based on (Ramasamy et al., 2023) and is in 2022\$. Within the ATB Data spreadsheet, costs are separated into energy and ...



## Bulgaria: Energy Storage Project Call Oversubscribed ...

Bulgaria attracts EUR2.55 billion in proposals for standalone batteries, exceeding its initial budget by 4.3 times, but funding remains uncertain.

## Bulgaria: Energy Storage Infrastructure on the Rise in ...

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 system. With growing renewable energy ...



## Energy Storage in Bulgaria Surges with 9.7 GWh ...

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.

### Home Energy Storage (Stackble system)



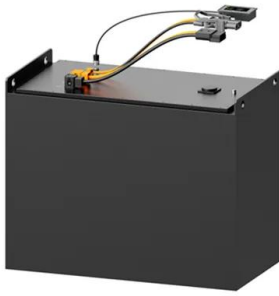
## Lazard LCOE+ (June 2024)

The results of our Levelized Cost of Storage ("LCOS") analysis reinforce what we observe across the Power, Energy & Infrastructure Industry--energy storage system ("ESS") applications are ...



## Bulgaria launches 3 GWh standalone energy storage ...

The Ministry of Energy of Bulgaria has allocated \$656 million in grants for standalone energy storage projects. The deadline for applications is November 21.



## Bulgaria finalises EUR600m funding for 10GWh of energy storage

Bulgaria has selected 82 winning energy storage projects for a share of BGN 1.15 billion (EUR588 million) in financial support.

12V 10AH



## Bulgaria finalises EUR600m funding for 10GWh of energy

...

Bulgaria has selected 82 winning energy storage projects for a share of BGN 1.15 billion (EUR588 million) in financial support.

## Bulgaria's Energy Storage Revolution: 9.7GWh

? Let's Discuss : -> Can Chinese suppliers sustain their cost edge in Bulgaria's subsidy race? -> Will the 2026 deadline drive innovation or cause bottlenecks?





## Bulgaria's Battery Storage Market

Currently, Bulgaria's electricity market offers an opportunity for EUR110 (\$122) per MWh profit on battery energy storage with two hours of discharge capacity using energy arbitrage. Rystad Energy 's analysis estimates battery ...

## Spain launches two energy storage programmes with EUR280 million

One of the two programmes will be directed towards pumped hydro energy storage. Image: MITECO. The government of Spain is launching EUR280 million (US\$310 million) ...



## Contact Us

For catalog requests, pricing, or partnerships, please visit:  
<https://solar.j-net.com.cn>