

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 EUR 590 million (\$536 million).

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.

What can boost battery storage in Bulgaria?

Another development that can boost battery storage in Bulgaria is a recent update of national legislation to include battery energy storage systems as a component of the grid.

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.

In the pipeline for 2026 are another 10 gigawatt-hours of battery storage (BESS) projects, some of which are stand-alone, while others are co-located to existing renewable ...

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 ...

Abstract -- The purpose of this paper is to formulate guidelines on the selection of battery chemistry for stationary renewable energy storage in relation to National Plan for Recovery and ...

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 ...

In August 2024, the Ministry of Energy issued a new tender, funded under the EU's Recovery and Resilience Facility, exclusively focused on standalone electricity storage facilities. The tender aims to support the ...

At the end of 2019 Bulgaria pledged to update its national target for renewable energy and raised the share of wind, solar and other renewables to 27% of their energy consumption respectively ...

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 ...

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.

Bulgaria will finance 82 projects worth over 1.14 billion leva (\$662 million/583 million euro) under an EU-funded initiative to build renewable electricity storage facilities with a total capacity of 9,713 MWh, the energy ...

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

The specific topic of the webinar was related to battery energy storage systems in Bulgaria. Around 40 energy experts representing the energy ministries, transmission system operators, ...

The Ministry of Energy of Bulgaria prepared EUR 589 million in grants for standalone energy storage projects. The deadline for applications is November 21. With the surge in photovoltaic ...

The Restore project in Bulgaria for battery energy storage, intended for balancing electricity from renewable sources, will total 6 GWh. A state-owned company, which should be established by the end of June, will ...

By the end of 2023, Bulgaria had deployed 2,937 MW of solar capacity, according to the International Renewable Energy Agency (IRENA). The country wants ...

By the end of 2023, Bulgaria's installed solar power capacity had reached 2,937 MW, with plans to increase

the share of renewable energy in electricity consumption to 34.7% ...

On 24 February 2025, the Government of the Republic of Bulgaria adopted and published its 2025-2029 Strategy. The document provides for the adoption of the long-awaited strategy for ...

Database BD-EU is a specialized information tool developed in 2021 by the company SELMEDA LTD, including a representative set of publicly available official data on the state and ...

Global demand for energy storage systems is expected to grow by more than 20 percent annually until 2030 due to the need for flexibility in the energy market and increasing energy independence. This demand is leading to the development ...

This auction is a crucial part of Bulgaria's National Recovery and Sustainability Plan, aiming to support economic and social recovery post-pandemic while promoting the ...

EXECUTIVE SUMMARY The Bulgarian power system is undergoing an unprecedented surge in renewable energy deployment. Over the past four years, the country has significantly ...

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 sectors except agriculture ...

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