

Global PV Storage Insights

Expected ROI of MW scale storage system project 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.

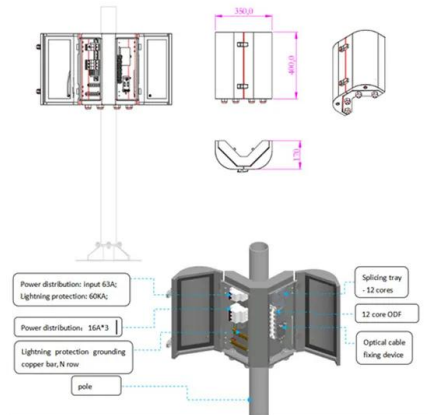
How much money does the NRRP provide for energy projects in Bulgaria?

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 long does it take to get a mw project operational?

All awarded projects must be operational by March 2026. To qualify, projects had to deliver a minimum of 10 MW with at least two hours of storage duration, aligning with the country's goal of enhancing frequency regulation capabilities and grid reliability.

Expected ROI of MW scale storage system project in Bulgaria 2026



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 ...

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

In June 2024, the 25 MW / 55 MWh utility-scale battery energy storage system (BESS) located in Razlog Municipality, Southwestern Bulgaria commenced commercial operations. This ...



OMV Petrom, Enery 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 Energy Storage Project in Bulgaria

The Bulgaria contract follows Sermatec's previous deployment of a 5.1 MW/17.8 MWh commercial and industrial storage system for a

photovoltaic client, highlighting the firm's ...



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 ...

Support Customized Product

Bulgaria launches call for grants for standalone energy storage units

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 ...



Inea Consulting Ltd. is Engaged in the Technical Design and ...

"The 100MW/400MWh standalone battery energy storage system (BESS) project will enhance the resilience of the electricity network by generating electricity and ...

Bulgaria's 3 GWh standalone energy storage tender ...

The tender is funded under Bulgaria's National Recovery and Resilience Plan (NRRP), which aims to significantly increase the share of energy from renewable sources in the nation's energy mix, while simultaneously ...

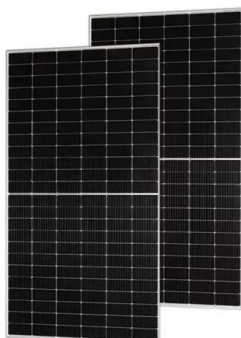


Bulgaria outlines EU-funded tender for standalone ...

Earlier this month, Renalfa IPP has started the commercial operation of its first utility-scale battery energy storage system. The 25 MW - 55 MWh facility in the town of Razlog in southwest Bulgaria is colocated with a 33 ...

Solar, battery storage to lead new U.S. generating capacity ...

The two largest natural gas plants expected to come online in 2025 are the 840-MW Intermountain Power Project in Utah and the 678.7-MW Magnolia Power in Louisiana. The ...



Bulgaria opens EU-funded 3000 MWh stand-alone battery storage ...

4. have a technical advisor with previous experience in either a combined project for production and storage or a standalone storage project with capacity of at least 10 ...

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.



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.

BESS in North America_Whitepaper_Final Draft

Projects in the development pipeline are becoming larger as developers scale up to capture economies of scale in system costs. The extension of the federal solar ITC improves solar-plus ...



Bulgaria solar energy storage system battery

The Bulgaria's Ministry of Energy began accepting applications yesterday (21 August) in tenders for 3,000MWh of energy storage capacity. Called the National infrastructure for the storage of ...

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



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 allocates 3 GW of renewables capacity, 1.17 ...

The first group contracted 435 MW of generating capacity and 176 MW of storage, while the second group secured 2.66 GW of generating capacity and 1 GW of storage.



Sermatec bags 430 MWh storage project in Bulgaria

Sermatec's energy storage system has a modular design combined with long-lifespan battery technologies. The project is expected to be delivered by end of December ...



Bulgaria grid battery storage

Bulgaria to tender stand-alone battery storage with EU grants On 25 July 2024, the Bulgarian Ministry of Energy closed the open discussion on the terms and conditions for the upcoming ...

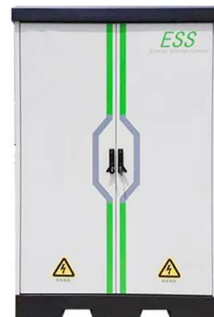


Bulgaria: The Energy Sector Is Expecting a Memorable Year Ahead

The main milestones envisage (i) the phase-out of 1,600 megawatts of its thermal power plants until 2026; (ii) new nuclear and RES capacities of 14,000 megawatts, ...

PPC begins construction of 165 MW solar farm with BESS in Bulgaria

PPC Group is accelerating its expansion in the Balkans by laying the foundation stone for its Colosseum solar power project in Bulgaria. The facility will have 165 MW in peak ...



Lower cost
larger system

20Kwh

30Kwh

★★★★★

Verified Supplier

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.

FCAS Events & BESS: Key to Australia's NEM Stability and ...

...

Explore how FCAS events and Battery Energy Storage Systems (BESS) ensure grid stability and profitability in Australia's National Electricity Market.



US utility-scale energy storage to double, reach 65 ...

Counting projects larger than 1 MW in the electric power sector, EIA said domestic storage capacity will rise from about 28 GW at the end of Q1'25 to 64.9 GW at the end of 2026.

Solarpro wins Best EU Project Under 100MW at ...

Solarpro, a leading technological provider of solutions for the generation and storage of energy in Europe, part of Renalfa Solarpro Group GmbH, was awarded the Best EU Project Under 100MW award at the ...



Sermatec invests in energy storage in Bulgaria with a 430 MWh project

The company stated that the official launch of the project took place in August 2025, with delivery scheduled for the end of December. Full commissioning and connection to ...

Bulgaria's Energy Storage Revolution: 9.7GWh

Bulgaria's RESTORE program --funded by the EU's Recovery and Resilience Facility (RRF)--has unlocked 9.7GWh of battery storage capacity across 82 projects, tripling its initial 3GWh target



Sermatec Wins Major Energy Storage Project in Bulgaria, ...

Launched in August 2025, the project is expected to be operational by March 2026, with the integration into Bulgaria's energy grid anticipated for early 2026. Sermatec will provide ongoing ...

Bulgaria: OMV Petrom expands regional presence by ...

OMV Petrom, the largest integrated energy producer in South-Eastern Europe, and Eneer become partners in a large-scale photovoltaic project located in Byala Slatina, near ...



OMV Petrom and Eneer Form Joint Venture for Major Solar and Storage

Austrian renewable energy firm Eneer and Romanian oil and gas company OMV Petrom have agreed to jointly develop a large-scale solar and battery storage project in north ...

White paper BATTERY ENERGY STORAGE SYSTEMS ...

In Germany, Aquila Clean Energy is developing a large portfolio of battery storage projects consisting of 45 - 85 MW projects with two-hour storage duration, marking Aquila Clean ...



A postcard from... Bulgaria , Energy Storage Coalition

Could you give our readers an overview of your energy storage project in Razlog, Bulgaria? The project is the first utility-scale Battery Energy Storage System in Bulgaria as well as one of the first of such scale in Eastern ...

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