



# Three wind power storage projects in bulgaria





## Overview

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The national energy strategy (2023 draft) envisages that by 2050 Bulgaria will have 11.8 GW of PV, 5 GW of onshore wind, 3.3 GW of offshore wind, and 2.3 GW of energy storage capacities in operation.

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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).

The Ministry of Energy of Bulgaria has received 151 project proposals worth nearly BGN 5 billion (\$2.7 billion), more than four times the available funding. A total of 151 project proposals were submitted in Bulgaria's standalone energy storage procurement procedure named RESTORE, which is seeking.

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.

Under two calls in Bulgaria, developers of 249 projects will receive EUR 268 million in total state aid. The programs are for renewable electricity plants with energy storage units. The Bulgarian Ministry of Energy said it completed two funding rounds under the National Recovery and Resilience.

Danish wind developer Eurowind and Bulgarian renewable investor Renalfa this September broke ground on a hybrid wind-solar-and-storage project in southeastern Bulgaria, the country's first hybrid project - and one sign of the country's renewed interest in wind energy. Work is underway on the.

Wind power generated 2% of electricity in Bulgaria in 2023. [1] By the end of 2020 almost 1 GW of onshore wind power had been installed. [2] It has been estimated that there is potential for at least another 2 GW by 2030. [3] The total wind power



grid-connected capacity in Bulgaria was 702 MW as.



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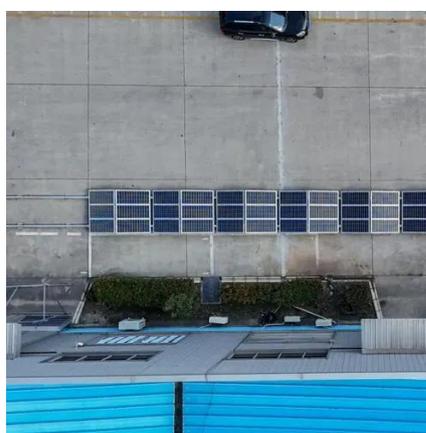


### [Analysis: Is Bulgaria's decade of dormancy giving way to a wind ...](#)

Danish wind developer Eurowind and Bulgarian renewable investor Renalfa this September broke ground on a hybrid wind-solar-and-storage project in southeastern Bulgaria, the country's first ...

### [Bulgaria awards EU funds to 249 projects for renewables with energy storage](#)

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114KWh ESS



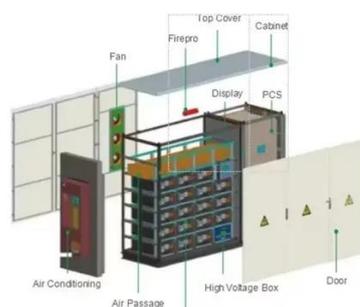
### [Wind power in Bulgaria](#)

It has been estimated that there is potential for at least another 2 GW by 2030. [3] The total wind power grid-connected capacity in Bulgaria was 702 MW as of 2023.

### [Hydroelectricity in Bulgaria](#)

United Nations Industrial Development Organization (UNIDO). 2022. ^ "Bulgaria & Romania's plans for two new Danube hydropower plants raise environmental, nuclear fears". 22 August ...





### [Bulgaria's 3 GWh standalone energy storage tender heavily](#)

A total of 151 project proposals were submitted in Bulgaria's standalone energy storage procurement procedure named RESTORE, which is seeking to support the ...



### [Hydroelectricity in Bulgaria](#)

The dam of Chaira Hydro Power Plant, the largest in Bulgaria Ivaylovgrad Dam In 2021, hydroelectricity generated 11% of Bulgaria's electricity. [1] As of 2020, the country's total ...



### [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 Awards Close To 10 GWh Energy Storage Capacity](#)



In November 2024, Bulgaria concluded its maiden renewable energy auction with over 3 GW of generation and 1.176 GW of energy storage capacity, with funding available ...



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### [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 ...



### [Energy Storage in Bulgaria Surges with 9.7 GWh Awarded Under ...](#)

These developments come on the heels of Bulgaria's first renewable energy auction held in late 2024, where more than 3 GW of generation and 1.176 GW of storage ...



### [Energy Resource Guide](#)



The state experienced the strong RES development in two periods (2007-2012 and 2012-2016 )and increased its share dramatically. Currently the ...



## Bulgaria

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### [Bulgaria fails to meet conditions for EUR 653 million in EU grants](#)

Bulgaria is risking delays in payments from a EUR 653 million grant package under the European Union's Recovery and Resilience Facility, or even losing access. To meet some ...



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

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 ...

### [Bulgaria's 3 GWh standalone energy storage ...](#)



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[Sunterra RE picks 1 GWh of Sungrow batteries for ...](#)

Bulgarian renewables firm Sunterra RE has selected Sungrow Power Supply Co Ltd (SHE:300274) to supply 1 GWh of battery energy storage systems ...

[Bulgaria approves EU-backed grants for EUR ...](#)

Bulgaria has greenlit 249 proposals for the installation of renewable energy and battery storage capacity worth a total of BGN 526 ...



### **Bulgaria**

Rezolv Energy secures regulatory clearance for Bulgaria's largest solar power project, while also building Europe's highest capacity photovoltaic plant in Romania.

[Bulgaria allocates 3 GW of renewables capacity, ...](#)



The Bulgarian authorities awarded BGN 526 million (\$284 million) to 397 renewable energy projects in the country's latest ...



### [HELLENiQ ENERGY, renewable energy, Romania ...](#)

HELLENiQ ENERGY expands its renewable energy portfolio with new wind and solar acquisitions in Romania and Bulgaria, totaling ...

### [The Energy Sector of Bulgaria: Mitigating Historical ...](#)

Bulgaria's energy sector is at a critical juncture, with two main objectives shaping its direction: decarbonization and reducing reliance on ...



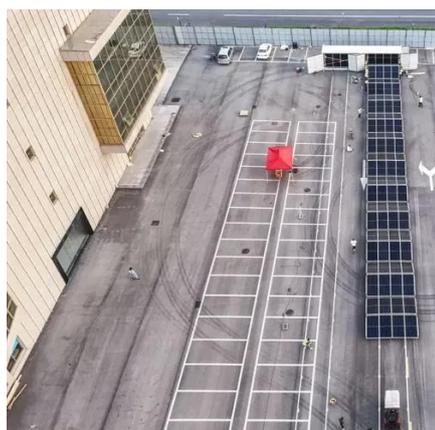
### [Major energy storage projects in Bulgaria](#)

Which energy storage technologies are available in Bulgaria? Bulgaria's energy storage tender is open to all technologies, but most projects are likely to have proposed lithium-ion battery ...

### [Sungrow to supply 1 GWh of battery storage for ...](#)



Just last month, German-Bulgarian solar developer Sunotec and Sungrow signed an agreement to install 2.4 GWh of BESS across ...



### [Bulgaria awards EU funds to 249 projects for renewables with ...](#)

Under two calls in Bulgaria, developers of 249 projects will receive EUR 268 million in total state aid. The programs are for renewable electricity plants with energy storage units.

### [Bulgaria: Energy Storage as a Catalyst for a Changing ...](#)

Bulgaria: Energy Storage as a Catalyst for a Changing Power Sector by William Johnson (Growth Associate, Fluence) Kaloyan Milushev (Growth Associate, Fluence) Mariyana Yaneva (Policy ...



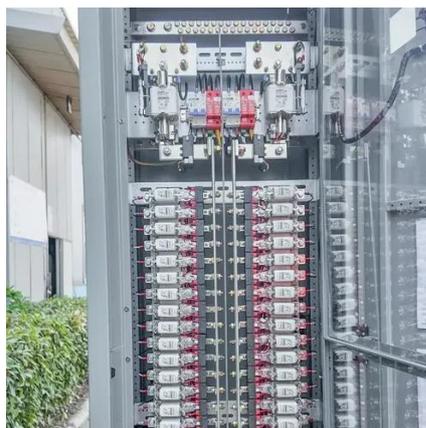
### [Bulgaria Wind Power Market Outlook 2025÷2034](#)

At the end of 2024, Bulgaria's cumulative installed wind power capacity reached 714 MW (0.71 GW), which represents 15.1 % of the total installed renewable energy capacity in the country. ...

### [Renalfa inaugurates a 25 MW/55 MWh energy storage system in Bulgaria](#)



The company owns and develops PV, BESS and wind power projects with a combined capacity of 2 GW in Bulgaria, Hungary, Northern Macedonia and Romania. More than 455 MW are ...



## Bulgaria

Due to delays in ongoing repair projects and regulatory inconsistencies, Bulgaria uses only one-third of its large, pumped-storage ...

[Analysis: Is Bulgaria's decade of dormancy giving ...](#)

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## Contact Us

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