



# Bulgaria advanced energy storage project construction

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.

What is the largest battery energy storage system in Bulgaria?

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 by Chinese firms Hithium and Kehua.

How much money has Bulgaria received for energy projects?

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.

When will a Bulgarian electricity project be implemented?

The investments under the procedure must be implemented and the facilities connected to the electricity transmission and distribution networks on the territory of Bulgaria and put into operation by March 2026. In May 2025, the degree of maturity of the projects and their implementation will be checked.

A call for new energy storage capacity in Bulgaria has awarded 9,712.89 MWh of projects with a total investment value of BGN 1.149 billion (USD 675.8m/EUR 587.5m), the ...

1. present their investment proposal for a battery storage project with at least 10 MW (AC) capacity. 2. have guaranteed storage-time capacity of more than two hours and must comply with the parameters for securing ...

The modernisation efforts are expected to deliver an additional 1.4 GW of renewable capacity combined with energy storage and grid-scale energy storage facilities with a total capacity of 6000 MWh. Furthermore, the plan aims to reduce carbon dioxide emissions associated with electricity generation by 40% below 2019 levels, to be achieved by 2025.

Chevron Acquires Majority Stake In The Advanced Clean Energy Storage Hydrogen Project In Delta, Utah  
Chevron U.S.A. Inc., through its Chevron New Energies division, announced it has closed a transaction with Haddington ...

Developers of 82 standalone battery projects in Bulgaria, for an overall 9.71 GWh in capacity, got approval for EUR 587 million in subsidies.



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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.

The Tenevo plant will add 238 MW of solar generation capacity to the Bulgarian national energy system, with a long-term plan to add on a 250MW capacity of behind-the-meter energy storage. This is an important project to advance towards Bulgaria's ambitious net-zero greenhouse gas emissions target by 2050 and reduce reliance on coal generation ...

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.

Westinghouse Energy Systems President Dan Lipman stated that the two advanced AP1000 units would enhance Bulgaria's energy security. "This project will provide Bulgaria with clean, safe, and stable energy while creating numerous jobs and delivering economic benefits for years to come, strengthening its energy independence," he added.

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 capacity, ambitious plans for renewables overall and a collapse in the coal power segment, Bulgaria needs urgent grid upgrades alongside energy storage.

The grant scheme, funded under the National Recovery and Resilience Plan, provides a little over 1.15 billion levs to support the construction and commissioning of ...

The projects will be located at hydropower cascade dams and reservoirs near the towns of Batak and Dospat in southwest Bulgaria. Each of them will contribute nearly 800MW of generation capacity. The pumped-storage hydropower facilities will also expand storage capacity and bolster the electricity supply in Bulgaria and the European Union (EU).

The solar power plant's estimated output is equivalent to the electricity needs of more than 45,000 Bulgarian households. PPC has 550 MW in project pipeline in Bulgaria. PPC Group runs an 18 MW wind farm called ...

Planning is underway in Bulgaria to install two underground pumped storage hydropower facilities with a combined capacity of 1.6 GW. ... the capacity should be increased in a project involving the construction of the Yadenitsa dam. ... 18 April 2025 - KESH and Agence Fran#231;aise de D#233;veloppement have signed an MoU on the Drin cascade management ...

They are implementing the project in Yambol province in Bulgaria's southeast through their joint venture EURA IPP. Wind, energy storage capacities to match solar power segment. The complex is envisaged to



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include a wind park of more than 250 MW. An energy storage system of 250 MW in operating power and 500 MWh in capacity is planned as well.

Bulgaria's energy storage tender is open to all technologies, but most projects are likely to have proposed lithium-ion battery energy storage systems (BESS) and Malinov mentioned battery projects in his comment. The scheme aims to support standalone projects that will help integrate renewable energy in Bulgaria, and each project can ...

Some 151 project bids for support were submitted for the scheme, which will provide up to 1.154 billion BGN (EUR590 million/US\$540 million) for up to 50% of the construction costs of 3.1GWh of standalone energy storage projects.

Among them is the development of pumped-storage hydropower plants, which could become the largest energy storage batteries in the region," said interim Energy Minister, Vladimir Malinov. "The implementation of such projects will enhance our energy security, improve Bulgaria's energy infrastructure and achieve our decarbonization goals.

Bulgaria's Energy Ministry has awarded 9.7 GWh in its energy storage tender 82 winning projects to receive BGN 1.15 billion in state support through NPVU Conducted under ...

To connect the new facility to Bulgaria's electricity grid, a dedicated 33/110 kV step-up substation will be built within the project site. The plant will feature 260,000 state-of-the-art bifacial photovoltaic panels, while the battery storage system will utilize advanced liquid-cooled batteries with innovative LFP technology, ensuring optimized energy efficiency and operational ...

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

Bulgaria's Ministry of Energy has launched two tenders to add 1,425MW of renewable power generation to the grid and 350MW of battery energy storage system (BESS) projects. 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 ...

As a leading provider of renewable energy insurance, Renewable Energy Insurance Broker (REIB) is proud to play a crucial role in Bulgaria's transition toward sustainable energy. With the country experiencing remarkable growth in solar and wind energy projects, battery energy storage systems (BESS) have become essential for stabilizing the grid and ...

The largest grid-scale BESS projects online that Energy-Storage.news has reported on are a 55MWh project by independent power producer (IPP) Renalfa and a 17.8MWh commissioned by China-based energy storage



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technology firm Sermatec for an unnamed owner.

Bulgaria: PPC Group expands with 165 MW solar and battery storage project; Bulgaria: Electricity production rises by 20.2% in early 2025; Bosnia and Herzegovina: Controversy surrounds EP HZHB's Poklecani wind farm project; Bosnia and Herzegovina: EPBiH advances plans for independent electricity distribution operator

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. ... 18 April 2025 - KESH and Agence Fran&#231;aise de D&#233;veloppement have signed an MoU on the Drin cascade management and advanced energy storage planning. Renewables.

Investor interest is especially high for locations in Bulgaria's south and northwest. The news outlet highlighted the Tenevo hybrid project in Yambol area in the southeast. Eurowind Energy and Renalfa IPP started the construction of a 238 MW solar power plant there in 2023. They intend to subsequently integrate wind turbines and energy storage.

Utility-scale battery storage systems in Bulgaria - combined with a solar park. ... In addition, there are ambitious national expansion targets for energy storage - 24 GW by 2030. For 2024, SolarPower Europe expects an increase of 3.7 GWh in grid storage (82% of the British battery storage market), and 4.7 GWh annually by 2028 (65% of the ...

There are currently three operational pumped hydro storage projects in the Republic of Bulgaria. Their combined capacity is around 1.4 GW. All these three projects are operated by the National Electricity Company EAD, a company licensed as the Public Supplier and for the production of electricity under the Bulgarian laws.

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