

Bulgaria's new energy storage policy

Why does Bulgaria plan electricity storage projects?

Bulgaria plans electricity storage projects to enhance system balance, strengthen its export position, and ensure cross-border flexibility. Bulgaria has a unique asset in its energy portfolio being Chaira Pumped Storage Hydropower Plant ('PSHPP'), with a production capacity of 864 megawatts and a pumping capacity of 788 megawatts.

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.

How much is the energy investment in Bulgaria worth?

The ministry released a statement a day prior to the application window's opening. 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."

Bulgaria's Recovery plan finally received a green light from the EU. Coal plants get a breather as local energy production takes precedence ... the country has declared investment intentions for over 15 thousand MW of new ...

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.

As Bulgaria accelerates its transition towards renewable energy, energy storage has emerged as a critical solution for stabilising the country's growing solar and wind energy capacity. With its abundant solar potential, Bulgaria is experiencing significant growth in renewable projects. However, the challenge remains in managing the intermittency of solar ...

In our latest white paper, we dive the current state of the Bulgarian Power market and the potential of energy storage applications to revolutionize Bulgaria's energy landscape. Want to jump straight to the white paper? Fill out the form to download. The Current State of the Bulgarian Power Market: Why is Energy Storage More Relevant than Ever?

A survey carried out by APSTE among 32 energy professionals and key stakeholders in the energy storage market development in Bulgaria showed that the existing ...

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Colthorpe speaks with Long Duration Energy Storage Council director of markets and technology Gabriel Murtagh. News April 17, 2025 News April 17, 2025 News April 17, 2025 Premium Features, Analysis, Interviews April 17, 2025 News April 17, ...

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 ...

Bulgaria already held the first two tenders for battery energy storage systems (BESS) that would be integrated with renewable electricity plants. Bulgaria gives special focus to energy storage. Earlier this month, ...

Battery energy storage systems The case of Bulgaria: recent policy developments and market dynamics ... 18.12.2024 energypedia consult 2 Bulgaria's power sector Presentation outline RE drivers Policy framework related to BESS Incentive schemes for BESS ... oApproximately 200 million EUR investments to encourage the combination of new ...

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 system - The case of Bulgaria: recent policy developments and market dynamics. This presentation provides an overview of the drivers and enabling factors for ...

The pair of new renewable energy sources, named Batak and Dospat, will each add generation capacity of approximately 800 megawatts (MW) and expand storage capacity, strengthening electricity supply in Bulgaria and the European Union.

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 renewables to account for 34.7% of ...

The grants will cover up to 50% of the eligible costs, but not more than BGN 1.08 million per 1 MW of installed energy storage capacity. The second procurement exercise, with a budget of BGN 427.5 million, will support new solar and wind projects and energy storage facilities with a total installed capacity of more than 200 kW.

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 under the ...

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

The future of energy in Bulgaria is taking a bold turn as the state-owned power giant, NEK, gears up to install a 10 MWh battery energy storage system (BESS) at the revamped Vacha 1 hydropower plant by year's end.

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This initiative, costing approximately EUR 3.48 million, represents a significant leap towards enhanced flexibility and stability in the energy sector.

Out of 401 MW of new installed renewable capacity in the next ten years, new wind farms will contribute with 141 MW of installed capacity, solar farms with 161 MW, small hydropower plants with 35 MW, and biomass power plants will add 64 MW. ... Due to changes in the energy policy environment in Bulgaria, Austria-based EVN said it is placing the ...

Bulgaria's recovery and resilience plan calls for deployment of a minimum of 1.4 GW of renewable energy with storage in Bulgaria, including an investment in renewable and storage facilities that will be financed by EUR 342 million from the Recovery and Resilience Facility (RRF) (33 per cent) and EUR 684 million from private funding (67 per cent).

On 21 August 2024, the Bulgarian Ministry of Energy opened a tender procedure for National infrastructure for storage of renewable energy (RESTORE) for granting stand-alone battery energy storage system (BESS) tender funded under the EU's Recovery Resilience Facility (the "Procedure"). The deadline for submitting applications will be 17:00 on 21 November 2024.

Last October, the government launched a public consultation for renewable energy generation and up to 350MW of new storage capacity, and earlier this year, the government committed US\$298.2 million (BGN535.1 million) to new renewable power and storage projects in ...

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 ...

Bulgaria's ambitious RESTORE tender opens doors for 3,000 MWh of renewable energy storage, offering EUR683 million in grants. Seize the chance to innovate by November 21!

The Ministry of Energy ("MoE") is the ministry of the Bulgarian Government which executes the Governmental policy in the energy field. Their function in relation to energy storage is to ensure that market participants implement the lowest-cost planning option when developing the various energy storage projects.

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