

Bulgaria's share of lithium battery energy storage

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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.

How much does a battery cost in Bulgaria?

Currently, Bulgaria's electricity market offers an opportunity for EUR110 (\$122) per MWh profit on battery energy storage with two hours of discharge capacity using energy arbitrage. Rystad Energy's analysis estimates battery system costs at a flat EUR60 (\$67) per MWh.

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.

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 EUR590 million (\$ 536 million).

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 is among the leaders in the European Union in terms of newly installed battery energy storage capacity. This is shown by data from SolarPower Europe for 2025, cited by the ...

The newly updated Bulgaria BESS Market Outlook 2025-2034 highlights both the opportunities and challenges that will shape this sector over the next ten years.

Bulgaria became the EU's fastest-growing market for battery energy storage systems (BESS) in 2025, installing close to 2,500 MWh of new capacity, and is poised for a four- to fivefold ...

The battery energy storage system (BESS) market in Bulgaria will experience robust growth by 2030 in the co-located/behind-the-meter (BTM) and front-of-the-meter (FTM) segments.

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Some experts argue that so far energy storage is not a major issue in Bulgaria, thanks to Bulgaria's plentiful operational coal and nuclear capacities. However, the country needs to comply ...

The battery energy storage system in Bulgaria will be the first joint project of stationary battery manufacturer Hithium and Solarpro, which is part of Renalfa Solarpro Group.

BRUSSELS - By 2025, Bulgaria is projected to be the third-largest in the European Union for newly installed battery energy storage capacity, holding a 9 percent market share, following ...

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