

PDEOZE PowerContainer

Bulgaria 300MW hybrid energy storage project



Overview

Once completed, the Tenevo project will encompass a 238 MW solar site alongside the 315 MW/760 MWh BESS and 250 MW of wind turbines, making it Bulgaria's largest and most complex hybrid energy storage project to date. Why is energy storage growing in Bulgaria?

Energy storage in Bulgaria is expanding rapidly as the government awards nearly 10 GWh of capacity to 82 projects, boosting renewable energy reliability and grid stability.

Did Bulgaria's energy storage tender win more than 3 GWh?

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.

What does Bulgaria's surge in storage capacity mean for Europe?

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.

Can battery-based energy storage improve peaking capacity in Bulgaria?

storage can also offer greater flexibility and efficiency in managing the grid. Furthermore, and although hydropower storage already makes up a significant source of peaking capacity in Bulgaria, battery-based energy storage can address peaking needs during times of droughts, meet requirements for more distributed peaking po.

What challenges will Bulgaria face on its energy transition?

and a glimpse of the new challenges Bulgaria will face on its energy transition. In May 2023, Bulgaria was for the first time in a decade a net importer of electricity². The reason for this was not a lack of generating capacity, but instead the natural logic of power markets seeking the.

How can different energy storage applications benefit Bulgaria?

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Oct 14, 2025 · The battery energy storage system is the first phase of a 315 MW/760 MWh system that is being developed alongside 238 MW of solar under Bulgaria's largest

hybrid power ...

Jan 6, 2025 · Have a technical advisor with previous experience in either a combined project for production and storage or standalone storage project with capacity of at least 20 MW;

Apr 23, 2025 · Bulgaria has selected 82 winning energy storage projects for a share of BGN 1.15 billion (EUR588 million) in financial support.

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