



Expected ROI of PV energy storage project in Bulgaria 2025

How much solar power does Bulgaria have in 2022?

At the end of 2022, Bulgaria's cumulative installed solar PV capacity exceeded 1,700 MW (1.7 GW). Several large-scale solar photovoltaic (PV) projects with a power capacity above 50 MW were launched into commercial operation in Bulgaria in 2022. Local and international investors will build new solar projects between 2023 and 2025.

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.

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.

How much money does the NRRP provide for energy projects in Bulgaria?

Under the RESTORE initiative, launched through Bulgaria's National Recovery and Resilience Plan (NRRP), the Ministry of Energy has selected 82 projects that will collectively receive BGN 1.15 billion (approximately \$675 million) in public funding.

How will the selected storage systems be distributed in Bulgaria?

The selected storage systems will be geographically distributed across Bulgaria and connected either to the national transmission grid or local distribution networks. All awarded projects must be operational by March 2026.

How many MWh will a new energy storage project deliver?

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 GWh originally set by the tender. The deadline for submission of project proposals was December 5, 2024.

The project is the first utility-scale Battery Energy Storage System in Bulgaria as well as one of the first of such scale in Eastern Europe. The 25MW/55 MWh BESS supports a 33 MWp PV plant equipped with a ...

A battery energy storage system (BESS) of up to 600 MWh capacity is an option for future consideration project located in Byala Slatina, near Sofia, Bulgaria. Thus, OMV Petrom acquires ...

Enery and OMV Petrom form a 50-50 joint venture to build the 400 MW Gabare solar park in Bulgaria, eyeing 600 MWh storage and EUR 200 m investment by 2027. Austria's ...



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A battery energy storage system (BESS) of up to 600 MWh capacity is an option for future consideration OMV Petrom, the largest integrated energy producer in South-Eastern Europe, ...

In Hungary, up to 45% of the project costs for large-scale battery storage are covered by grants, in addition to a CfD program and grid connection facilitations. See also: Central & Eastern Europe - Utility-scale storage market ...

2025 is a pivotal year for the renewable energy sector, with a range of high-impact projects nearing final investment decision (FID). These ventures, spanning offshore wind, solar and onshore wind, are set to unlock ...

Several large-scale solar photovoltaic (PV) projects with a power capacity above 50 MW were launched into commercial operation in Bulgaria in 2022. Local and international ...

A South African investor opened a battery factory in Rousse last year Bulgaria is relying heavily on battery technology and energy storage overall in its energy transition. ...

Bulgaria has completed a 496 MWh battery energy storage system, billed as the largest in the European Union. Crews completed the project in six months with backing from ...

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

As part of its decarbonization efforts, Romanian hydrocarbons producer OMV Petrom is strengthening its presence in neighboring Bulgaria. It agreed to buy 50% of the Gabare solar power project, of 400 MW, from its ...

The Gabare project is positioned to become one of the largest integrated solar and storage facilities in south-east Europe, contributing to Bulgaria's renewable energy targets ...

OMV Petrom, the largest integrated energy producer in South-Eastern Europe, and Enery become partners in a large-scale photovoltaic project located in Byala Slatina, near ...

Bulgaria is among the EU's most energy- o Bulgaria has aligned its climate policies with EU targets, adopting the 2022 o and carbon-intensive economies, driven by Long-Term Climate ...

Battery storage investors in Romania rapidly expanding project pipeline 16 August 2025 - In an rising investment wave, firms in Romania are combining energy storage ...



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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 ...

Prior to this, energy storage was only eligible for the investment tax credit when paired with solar PV, also known as solar-plus-storage. While the IRA may get some nips and tucks in 2025, we expect it to continue in some form.

From Bulgaria's sun-drenched Black Sea coast to the energy heartland of Eastern Europe, Chinese energy storage technology is playing an increasingly vital role in reshaping the continent's green energy landscape. ...

The project, located in northwest Bulgaria, will have an installed capacity of 400 megawatts (MW). This significant investment underlines both companies' commitment to accelerating the ...

In summary, Bulgaria is on a clear path toward a more sustainable and diversified energy sector, with significant opportunities for growth in solar, wind, and energy storage. Continued policy ...

The project is being constructed by Chint Green Energy and is expected to open in the first quarter of 2026. Image: PPC Renewables. Greek renewables developer PPC has acquired an 88MW solar PV ...

Austria-based renewable power producer Enery Development GmbH will establish an equally-owned joint venture with Romanian oil and gas group OMV Petrom (BSE:SNP) to develop a 400-MW solar project in Bulgaria, ...

Looking ahead: Keys to success Several factors will define the energy storage market in 2025: the continued dominance of LFP chemistry and its downward impact on pricing, increased utility demand for integrated ...

CMS Advises Rezolv Energy on Licensing PV Project in Bulgaria The project is expected to be fully operational by May 31, 2025, representing the largest foreign investment in ...

In Hungary, up to 45% of the project costs for large-scale battery storage are covered by grants, in addition to a CfD program and grid connection facilitations. See also: ...

Enery Development GmbH (Enery) and OMV Petrom S.A. (OMV Petrom) have formed a joint venture to build and operate the Gabare photovoltaic project. The project will ...

OMV Petrom (BVB: SNP), the largest integrated energy producer in South-Eastern Europe, announced it has entered into a partnership with renewable energy company Enery to jointly develop a 400 MW ...

OMV Petrom and Enery partner in a large-scale photovoltaic project in Byala Slatina, near Sofia, Bulgaria. Thus, OMV Petrom acquires from Enery Element 50% of the shares held in Dunav Solar Plant EOOD, which



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is ...

These projects are expected to play a vital role in optimising Bulgaria's energy framework and greatly improving the security and resilience of both its energy networks and those of its ...

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