



# Bulgaria s ultra-large capacity photovoltaic integrated energy storage cabinet





## Overview

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Each stack offers 12 kWh of energy storage capacity and there are four in each SigenStack unit, for a 10 MW/20 MWh total system capacity at the Bulgarian site. The company's three photovoltaic systems, with 524 MW in combined peak capacity, now also have batteries of 156 MW and 312 MWh in total. With the ongoing solar boom in Bulgaria, investors. Bulgaria installed over 1 GW of solar for the third consecutive year in 2025 and is forecast to add over 2 GW this year thanks to a large pipeline of utility-scale projects. The project located in Byala Slatina, near Sofia, Bulgaria. In addition, there is an option for a battery. Austrian renewable energy firm Enery and Romanian oil and gas company OMV Petrom have agreed to jointly develop a large-scale solar and battery storage project in north-western Bulgaria, with operations expected to begin in 2027. /SOFIA, BULGARIA, June 27, 2025, 11:30 CET,, Renewable Market Watch™ / Solaris Holding AD, a joint venture between.



## Bulgaria's ultra-large capacity photovoltaic integrated energy storage



### [Solaris Holding Commissioned a New Hybrid Solar Photovoltaic and](#)

This facility, which integrates solar energy production and storage system, is designed to generate and store green electricity. The project is financed by the United Bulgarian Bank (UBB) and ...

### in one of Bulgaria's largest photovoltaic project

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 from Energy Element ...



### [Energy Storage in Bulgaria Surges with 9.7 GWh Awarded Under ...](#)

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.



### [Sunterra RE equips its PV plants in Bulgaria with batteries totaling ...](#)

Bulgarian solar power plant operator Sunterra RE added co-located energy storage to its operational portfolio. The company's three photovoltaic systems, with 524 MW in combined peak ...



## Bulgaria installs 1.4 GW of solar in 2025

Bulgaria installed over 1 GW of solar for the third consecutive year in 2025 and is forecast to add over 2 GW this year thanks to a large pipeline of utility-scale projects.



## [OMV Petrom and Enery Form Joint Venture for Major Solar and Storage](#)

Austrian renewable energy firm Enery and Romanian oil and gas company OMV Petrom have agreed to jointly develop a large-scale solar and battery storage project in north-western ...



## [Sigenergy debuts large-scale Bulgarian energy storage project ...](#)

Stacks are primarily used for home systems but Sigenergy has installed a 10 MW/20 MWh project at a solar site in Malko Tarnovo. Sorting stationary battery energy storage systems ...



## Bulgaria Solar + Storage Project



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### [Bulgaria Awards Close To 10 GWh Energy Storage Capacity](#)

The tender was launched last year, aiming to significantly increase the share of renewable energy, mainly wind and solar, in the country's energy mix. It would also contribute to ...

### [A postcard from... Bulgaria , Energy Storage Coalition](#)

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 ...





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