

## SolarMax Energy Systems

# Bulgarian Island Energy Storage Project



## Overview

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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 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 can different energy storage applications benefit Bulgaria?

n Union (EU).How can Different Energy Storage Applications Benefit Bulgaria?

Energy storage applications play a vital role i the successful integration of renewable energy sources into electricity grid. They can bring the grid stability and resiliency crucial as a country strives to es.

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.

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

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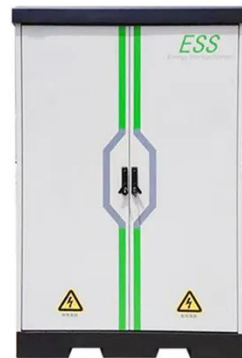
### Bulgaria 3GWh energy storage tender 4x oversubscribed

A 25MW/55MWh project from IPP Renalfa and BESS supplier Hithium, the largest in Bulgaria. Image: Renalfa IPP. The deadline has now passed for Bulgaria's EU-backed ...

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### Bulgaria launches EU's largest battery of nearly 500 MWh , Energy

Bulgaria's energy minister Zhecho Stankov on Thursday inaugurated what is described as the largest battery energy storage installation currently in operation across the ...



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### Hithium launches 55MWh BESS in Razlog, Bulgaria

Hithium has launched a 55 megawatt hours (MWh) battery energy storage system (BESS) project in Razlog, southwestern Bulgaria. The project, ...

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## Battery energy storage systems The case of Bulgaria: recent ...

Transformation of AES Galabovo into a large-scale energy storage facility using proven technology implemented in concentrated solar power plants (CSP) using molten salts

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## Bulgaria allocates close to 10 GWh of energy storage ...

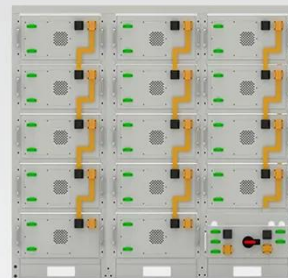
All facilities must be connected to Bulgaria's grid and operational by March 2026. RESTORE is part of Bulgaria's National Recovery and ...

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## Massive new hybrid energy facility switches on to revolutionize ...

The Tenevo project, located in the Yambol Province of southeastern Bulgaria, is rolling out the first phase of a massive energy transition covering Eastern Europe, according to ...

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**Battery String-S224**

- 1C Charge/Discharge
- Easy configuration and maintenance
- Power supply can be single battery string or parallel battery strings

## Sigenergy debuts large-scale Bulgarian energy storage project ...

Products Sigenergy debuts large-scale

- LiFePO<sub>4</sub> Battery, safety
- Wide temperature: -20~55°C
- Modular design, easy to expand
- The heating function is optional
- Intelligent BMS
- Cycle Life: > 6000
- Warranty: 10 years



Bulgarian energy storage project assembled from 240 kWh battery stacks. Stacks are primarily used for home systems but ...

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## Bulgaria grants EUR 587 million to 82 battery storage projects

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



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## Bulgarian tender awards nearly 10 GWh of energy ...

Bulgaria will finance 82 standalone renewable energy storage projects worth over 1.15 billion leva (\$675 million) under its EU-funded ...

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## Battery energy storage systems The case of Bulgaria: recent ...

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;

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## Green Energy Powers the 'Country of Roses': Sigenergy's 20 MWh Project

Sigenergy, in partnership with the leading Bulgarian energy company Trakia MT, has successfully completed a 20 MWh utility-scale co-located project in Malko Tarnovo, ...

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## Bulgaria's NEK to equip five hydropower plants with battery storage

In addition to a 10 MWh pilot project at Vacha 1, NEK plans to add battery energy storage systems (BESS) to four other hydropower plants.

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## Bulgaria's Ministry of Energy opens 3GWh tender for ...

The Bulgarian Ministry of Energy began



accepting applications yesterday (21 August) in tenders for 3,000MWh of energy storage capacity.

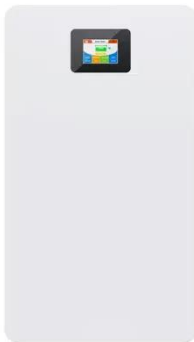
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## A postcard from... Bulgaria

Renalfa IPP opened the first large-scale BESS project in Bulgaria and one of the largest in the region. By developing utility-scale energy storage at strategic locations, energy ...

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## Bulgarian energy storage battery project receives strategic status

The innovative project "BG EXERON X-BESS" in the field of batteries and energy storage technologies has already been entered into the European Commission's public ...

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## Sermatec secures 430+ MWh energy storage project in Bulgaria

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 ...

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## Energy Storage in Bulgaria Surges with 9.7 GWh Awarded Under ...

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 ...

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## OMV Petrom and Enery establish a Joint Venture for ...

OMV Petrom partners with Enery for EUR200M Gabare solar project in Bulgaria. 400 MW capacity with battery storage makes it Southeast ...

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## Bulgaria allocates close to 10 GWh of energy storage capacity ...

All facilities must be connected to



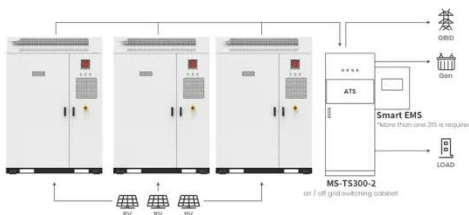
Bulgaria's grid and operational by March 2026. RESTORE is part of Bulgaria's National Recovery and Resilience Plan (NRRP), which ...

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## Bulgaria: Energy Storage as a Catalyst for a Changing ...

storage is hindering Bulgaria in the development of an energy storage market. Furthermore, Bulgaria's energy legislation and grid codes have been historically written with thermal plants ...

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Application scenarios of energy storage battery products

## Innovative Battery Storage Manufacturing Project of the Bulgarian

/SOFIA, BULGARIA, July 15, 2025, 11:30 CET, RENEWABLE MARKET WATCH(TM)/ A Bulgarian project for manufacturing batteries for energy storage has been granted strategic status under ...

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## Bulgaria grants EUR 587 million to 82 battery storage projects

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

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## Overview of renewable energy in Bulgaria

The Energy Act and the Electricity Trading Rules were also amended to establish a basic framework for the development of electricity storage projects and the participation of ...

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## Bulgarian tender awards nearly 10 GWh of energy storage

Bulgaria will finance 82 standalone renewable energy storage projects worth over 1.15 billion levs (\$675 million) under its EU-funded procurement exercise named RESTORE.

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