

## Global PV Storage Insights

# Solar diesel hybrid storage project financing options in Bulgaria 2026



## Overview

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How much money is needed for energy storage projects in Bulgaria?

The Ministry of Energy of Bulgaria prepared EUR 589 million in grants for standalone energy storage projects. The deadline for applications is November 21. With the surge in photovoltaic capacity, ambitious plans for renewables overall and a collapse in the coal power segment, Bulgaria needs urgent grid upgrades alongside energy storage.

How big is Bulgaria's solar PV capacity in 2024?

At the close of 2024, Bulgaria's solar PV capacity had already reached 3.91 GW—an annual increase of over 1 GW. These developments come on the heels of Bulgaria's first renewable energy auction held in late 2024, where more than 3 GW of generation and 1.176 GW of storage capacity were secured.

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 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.

Will a battery energy storage system be integrated with renewable electricity plants?

Bulgaria already held the first two tenders for battery energy storage systems (BESS) that would be integrated with renewable electricity plants. Renalfa IPP

commissioned its first utility-scale battery energy storage system in June.

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### Solar Project Finance: How to Finance Utility-Scale ...

Financing a large-scale solar project, especially one requiring \$100 million or more, can be a complex but rewarding process. With the global shift toward renewable energy, solar project finance has become a critical area ...

### Financing battery storage+renewable energy

For example, the DeGrussa Copper-Gold mine project in Western Australia is powered by a 10.6 MW solar PV farm and is coupled with a 6 MW battery facility to power the off-grid mine 2. The

...



### EBRD, AFDB and BII support pioneering solar and battery storage project

The integration of battery storage with solar PV is a game-changer for Egypt's energy sector, providing reliable and dispatchable renewable energy and reducing reliance on ...

### Kehua's Energy Storage Solution Propels Bulgaria's Largest BESS Project

The project is co-located to a 33 MWp PV plant, this hybrid solar plus storage project is

seamlessly integrated into the transmission system operator (TSO) grid. Kehua, as a world ...



### **Scatec Locks In \$479M Financing for Egypt's 1.1 GW Solar + 100 ...**

Scatec ASA has reached financial close for the "Obelisk" hybrid solar and battery storage project in Egypt. The 1.1 GW solar plus 100 MW/200 MWh battery energy ...

### **Bulgaria launches EU's largest battery storage system**

The new system also signals the beginning of Bulgaria's national plan to reach 10 GWh of battery storage capacity within the next year. A recent capacity tender has already allocated nearly 9,713 MWh to upcoming ...



### **Over 3 GW New Capacity Wins Bulgaria's Maiden Renewable ...**

...  
The Ministry of Energy in Bulgaria has concluded the country's maiden renewable energy auction, selecting over 3 GW of new generation capacity, along with 1.176 ...

## Bulgarian tender awards nearly 10 GWh of energy storage

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.



## Bulgaria opens EU-funded 3000 MWh stand-alone battery storage ...

On 21 August 2024, the Bulgarian Ministry of Energy opened a tender procedure for National infrastructure for storage of renewable energy (RESTORE) for granting stand-alone battery ...

## Qair secures financing for hybrid solar + storage project in ...

Qair has announced the closing of a new loan to support the implementation of a hybrid solar photovoltaic and battery energy storage system project in Mauritius.



## Scatec Secures Financing for Groundbreaking Hybrid Solar and ...

The energy generated will be sold under a long-term agreement with the Egyptian Electricity Transmission Company, ensuring a robust economic framework for ...

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

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.

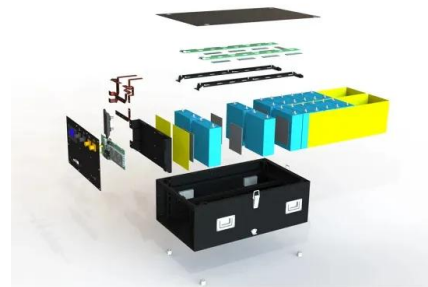


## OMV Petrom, Eneer JV to build 400MW solar PV in ...

The Gabare solar PV project will be located in the northwest of Bulgaria and will be built to allow the potential co-location of a battery energy storage system (BESS) of up to 600MWh.

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

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.



## Scatec reached financial close for Obelisk PV & BESS project in ...

Norway-headquartered Scatec ASA has reached financial close for the Obelisk hybrid solar and battery storage project in Egypt. It has secured \$479.1 million in funding from ...

## Bulgaria supports 3.1GW of renewables and 1.1GW of storage ...

Projects will need to be operational by 31 March, 2026. The funding comes from Bulgaria's portion of the EU-wide Recovery and Resilience facility, the bloc's scheme to ...



## Bulgaria allocates 3 GW of renewables capacity, 1.17 ...

The Bulgarian authorities awarded BGN 526 million (\$284 million) to 397 renewable energy projects in the country's latest procurement exercise.

## DNV supports record financing for Chile's solar-storage hybrid project

DNV has provided advisory services to Atlas Renewable Energy to secure US\$510 million in financing for the landmark Estepa hybrid solar and battery storage project in ...



Warranty  
**10 years**

LiFePO<sub>4</sub>

Intelligent BMS

Wide Temp:  
 -20°C to 55°C



## Database of State Incentives for Renewables & Efficiency

The most comprehensive source of information on incentives and policies that support renewables and energy efficiency in the United States. Managed by NCSU.

## DNV expertise supports record USD 510 million financing for ...

...

Santiago, Chile, 22 May 2025 -- DNV, the independent energy expert and assurance provider, has played a key role in providing comprehensive advisory services to Atlas Renewable ...



## Renewable Energy Technologies, Solar Innovations, Wind ...

1 ??· ? Discover renewable energy technologies, solar energy innovations, wind power advancements, and sustainable energy solutions Explore emerging green technologies 2026!

## Nuts and bolts of financing storage , Norton Rose Fulbright

The next big challenge for energy storage, after bringing down the cost so that storage is economic and finding a suitable business model, is financing.



**TAX FREE**

### ENERGY STORAGE SYSTEM

**Product Model**  
 HJ-ESS-215A(100KW/215KWH)  
 HJ-ESS-115A(50KW 115KWH)

**Dimensions**  
 1600\*1280\*2200mm  
 1600\*1200\*2000mm

**Rated Battery Capacity**  
 215KWH/115KWH

**Battery Cooling Method**  
 Air Cooled/Liquid Cooled

## Grant financing of renewable electricity storage infrastructure

Ranking of projects: based on the requested grant per 1 MWh of usable electrical energy storage capacity, as proposals are ranked in ascending order of the requested grant per unit of usable ...

## Battery Energy Storage Financing Structures and Revenue ...

Financing structure options for standalone storage projects and hybrid solar plus storage projects. The pool of potential investors in these projects by allowing project owners to transfer ...



## Scatec Finalizes Financing For Obelisk Project Featuring 1.1GW Solar

Scatec ASA has successfully reached financial close for its large-scale "Obelisk" hybrid solar and battery storage project in Egypt, marking a major milestone in the country's ...

## EBRD, AFDB and BII support pioneering solar and ...

The integration of battery storage with solar PV is a game-changer for Egypt's energy sector, providing reliable and dispatchable renewable energy and reducing reliance on fossil fuels. It not only meets Egypt's current ...



 LFP 280Ah C&I

## Chile: DNV expertise supports record USD 510 million financing ...

DNV has played a key role in providing comprehensive advisory services to Atlas Renewable Energy to secure USD 510 million in financing for the landmark Estepa hybrid ...

## Construction works start on Bulgaria's first hybrid power plant

The Tenevo hybrid power plant, the first in Bulgaria, will consist of a solar and wind power plant and a battery storage system.



## Chad opens tender for solar-diesel hybrid projects ...

The authorities in Chad have launched a tender for solar-diesel hybrid projects with battery storage, featuring a combined 4 MW of solar capacity and 2 MWh of daily storage.

## Solar-, Wind-Diesel Hybrid Plants at Remote Mines as a Target ...

The project is financed by Néoen, a renewable energy independent power producer with a background in grid-connected projects. Recently, a European renewable ...

50KW modular power converter



## Financing Battery Storage Systems: Options and ...

Thinking about Financing Battery Storage Systems for your commercial or industrial facility? Learn about strategies you have available in this blog and webinar.

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

Approximately 200 million EUR investments to encourage the combination of new renewables with local electricity storage facilities (totaling around 200 MW); Transformation of AES ...



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