

# **Successful bid price of school solar storage project in Romania 2030**





## Overview

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How much solar energy is possible in Romania?

Romania is located in an area with a solar potential of 210 sunny days per year and with an annual solar energy flux between 1,000 kWh/m<sup>2</sup>/year and 1,300 kWh/m<sup>2</sup>/year. From this total amount, around 600 to 800 kWh/m<sup>2</sup>/year is technically feasible. Chart 1: Solar Resource Map of Romania; Sources: World Bank Group, ESMAP, SolarGis.

How much solar capacity does Romania have in 2023?

According to the latest market data, the Romanian solar PV market added more than 1 GW of newly installed capacity and scored a remarkable 308 % increase compared to the previous year's growth. Thus, Romania reached a cumulative solar capacity of 2.9 GW at the end of 2023. Romania Solar Resource Potential.

How much funding is available for Bess projects?

The total funding available for the BESS projects is €79.6 million (or US\$85.7 million). This call for tender has been relaunched after an initial launch in 2023, which was expected to select projects by the end of 2023. The original call had been for around 620 MWh or more storage, as the Ministry of Energy announced in November 2022.

Is the Bess market heating up in Romania?

The BESS market in Romania is heating up, say local analysts and insiders. Irene Mihai, policy officer at the Romanian Photovoltaic Industry Association (RPIA) recently told pv magazine that a realistic target for the utility-scale BESS segment in Romania “would be around 2 GWh (around 1 GW of installed capacity)” for 2030.

When will a Bess project enter the market?

Based on its modeling, Aurora foresees double digit internal rates of return for



standalone BESS projects entering the market as early as 2026, while co-located assets could prove even more promising – especially post 2028 where rising saturation in the balancing markets is observed, it said.



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### Renewable energy in Romania: Potential for development by ...

In 2030, the price of electricity without VAT and excises will be 112.4 EUR/MWh in the Current scenario, 126.6 EUR/MWh in the Reference scenario, 113.7 EUR/MWh in Potential scenario A ...

### [Romania targets 5 GW of installed BESS capacity by ...](#)

Romania aims to have at least 2.5 GW of battery energy storage systems (BESS) in operation by next year and to surpass 5 GW of capacity by 2026 under a plan that is seen to help it cope with high energy ...



### [The Romanian Ministry of Energy has Reissued Two ...](#)

The Ministry of Energy has recently announced a call for proposals to support Romania's battery and solar photovoltaic (PV) manufacturing sectors, worth EUR199 million and funded through the NRRP.

### [The evolution of Romania's Solar PV market](#)

Overview of solar PV developments Following a period of lull, Romania has achieved in 2023 a significant milestone in its renewable energy journey - over 1 GW of new solar capacity ...



### [CODE OF GOOD PRACTICE FOR RENEWABLE ENERGY...](#)

To achieve these new 2030 renewable energy targets, we will need over 1,000 GW of total wind and solar capacity by 2030, which means adding about 1.5 times more wind and solar capacity ...



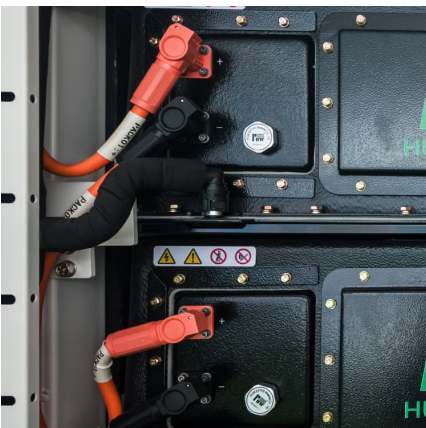
### [Romania extends investment in solar for public ...](#)

Romania's Ministry of Energy is backing 47 solar projects to produce electricity for self-consumption in schools, hospitals, city halls and other public institutions.



### **Romania Power Storage Project Bidding Opportunities and ...**

According to the National Energy Regulatory Authority (ANRE), Romania plans to allocate EUR2.1 billion for energy storage systems by 2030. This creates immense opportunities for companies ...





### [Romania's ambitious energy storage plans: 5 GW by ...](#)

In April, Romania's largest battery storage system, of 24 MWh, was put into operation. It is the first phase of a project totaling 216 MWh. The facility is connected to the Mireasa wind farm of 50 MW, while a 35 MW solar ...



### **Romania's First CfD Auction for Renewable Energy: Key ...**

The Romanian Ministry of Energy successfully concluded its first Contracts for Difference (CfD) auction, awarding contracts for over 1,500 MW of new renewable energy capacity. A total of 21 ...

### [Romania allocates 432 MW of PV at average price of ...](#)

The Romanian authorities have allocated 1.52 GW of renewable energy capacity in a procurement exercise, with the lowest bid for PV technology at EUR0.045 (\$0.047)/kWh.



### **South Africa: DMRE launches third round of BESS procurement**

The projects will be located at grid operator Eskom's substations. Image: Eskom. Update 8 April 2024: After this article was published, independent power producer (IPP) ...



### 512MW of solar-storage projects successful in German ...

The German government's infrastructure authority, Bundesnetzagentur has announced that 43 bids for solar and storage projects - with a combined volume of 512MW- ...

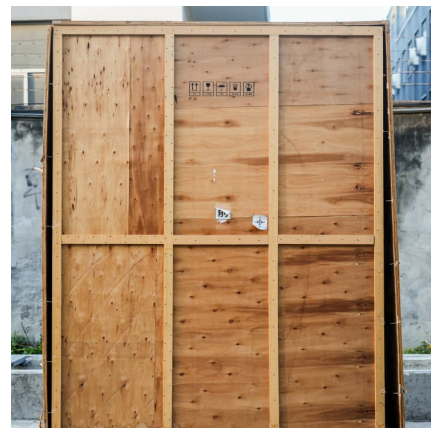


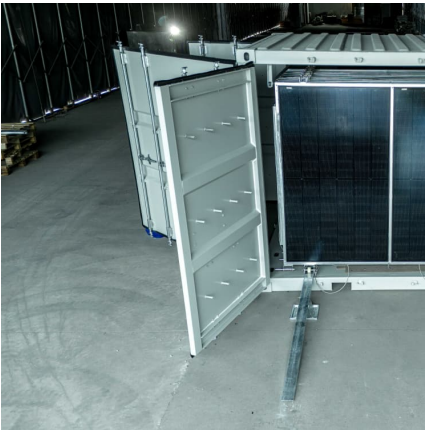
### [Romania invites fresh bids to support batteries for...](#)

Romania's Ministry of Energy has reopened its call to support projects of battery storage for renewable energy integration, seeking at least 240 MW and 480 MWh of resources.

### Romania's solar surge: charting the course for the green transition

The Romanian Photovoltaic Industry Association (RPIA) represents the national solar industry, driving policies and initiatives that accelerate the development of solar power. ...





### [Romania declares winners of its wind, solar power ...](#)

Wind and solar power projects in Romania of over 1.5 GW in total are eligible for contracts for difference (CfD) after the first auctions.

### **Six new big battery projects emerge as winners of first ...**

Updated: Six new big battery projects named as winners of the federal government's first auction under the Capacity Investment Scheme.



### **Major Solar Projects List - SEIA**

The Major Solar Projects List is a database of all ground-mounted solar projects, 1 MW and above, that are either operating, under construction or under development. The list is for informational purposes only, reflecting ...

### [Guidelines on developing a solar project in Romania](#)

The first step in developing a solar plant project in Romania is to secure a title over the land. The most common title, besides the ownership title, which gives right to build and own the respective infrastructure for a solar plant ...



### **With EBRD support, Romania delivers second successful ...**

The second auction attracted bids for more than 5,500 MW of total solar and wind project capacity. Solar PV bids were notably competitive, with prices as low as EUR35/MWh.



### **OVERVIEW**

Last week, more than 100 solar industry representatives gathered in Bucharest to discuss the challenges and opportunities for solar in Romania, highlighting the growing interest in this re-emerging EU market. According to ...



### **[South Africa: DMRE launches third round of BESS](#)**

The projects will be located at grid operator Eskom's substations. Image: Eskom. Update 8 April 2024: After this article was published, independent power producer (IPP) Globeleq announced it was the company behind the ...





### Italy's MACSE auction will reshape the Italian storage ...

Italy accelerates the transition to renewable energy Italy is stepping into a new energy era with the MACSE auction in early 2025. Underpinning MACSE, or Meccanismo di Assegnazione Centralizzata per la ...



### Evaluation of bids at the CFD tender - contracts for over ...

All our expectations regarding the success of this first auction were exceeded, which confirms the confidence that investors have in Romania and in the future of our energy ...

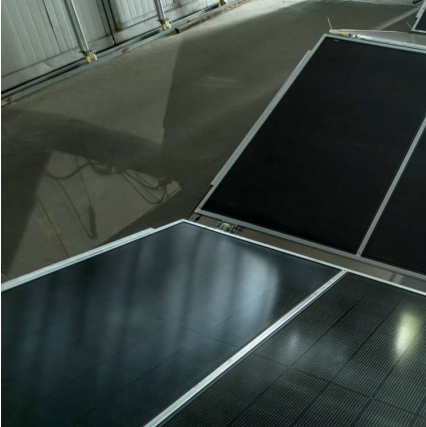
### [Romania Hosts a 258 MWac Solar Project Backed by ...](#)

Renalfa IPP invests in a 258 MWac solar project in Romania, enhanced by 1000 MWh of energy storage, to support the grid and the country's energy transition.



### [Romania's Solar Energy Landscape: An Overview](#)

The renewable energy sector in Romania is at an exciting crossroads, with the country looking to address both domestic energy demand and international requirements to reduce carbon emissions. This article will delve into ...



### Romania's solar energy market set for rapid growth in 2025

Romania is set for a significant expansion in the photovoltaic sector in 2025, driven by funding programs such as Casa Verde and RePower EU, the liberalization of energy ...

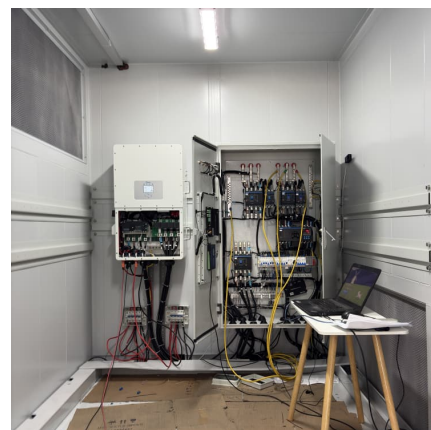


### [INVESTOR ROADMAP FOR UTILITY-SCALE SOLAR PV IN ...](#)

Solar PV capacity in Romania is expanding at one of the fastest rates in Central and Eastern Europe. Cumulative installed capacity surpassed 5 GW in mid-2025, with robust government ...

### EPG

EPG is an independent, non-profit think tank focused on energy and climate policy in Romania and the European Union. Founded in 2014, EPG operates as a policy research institute primarily financed through competitive grants, ...





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