

## SolarTech Power Solutions

# Romania PV module project



## Overview

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Developed for NEPI Rockcastle (the SOLPOWER Energy subsidiary) and engineered by EPC partner Enevo Group, this utility-scale project—Romania’s largest solar installation for retail infrastructure—will positively impact the directly pathway for decarbonization at NEPI Rockcastle’s property portfolio in Romania, showcasing BC technology’s pivotal role in grid-scale renewable transitions. Is Romania ready for a large-scale solar project?

Romania has set ambitious targets for developing renewable energy sources, including solar power. This article provides a comprehensive overview of the current state of large-scale PV projects in Romania, covering project details, readiness levels, key players, and the overall impact on the energy sector and the environment.

How many solar projects are there in Romania?

As of the latest data available, there are over 880 large-scale PV projects in Romania, boasting a cumulative capacity of approximately 46,600 MW. This impressive number showcases the country’s commitment to harnessing solar energy as a clean and sustainable source of power.

How many large-scale photovoltaic projects are there in Romania?

Romania has made significant strides in developing large-scale photovoltaic (PV) projects, contributing to its renewable energy goals. As of the latest data available, there are over 880 large-scale PV projects in Romania, boasting a cumulative capacity of approximately 46,600 MW.

What is Romania doing with solar energy?

In addition to the large-scale projects, Romania has witnessed the emergence of smaller PV projects with installed capacities between 50 and 100 MW. These 130 mid-scale ventures will contribute to the country’s solar energy mix, promoting decentralized energy generation and encouraging local communities to embrace solar solutions.

Will Romania see a surge in photovoltaic projects in 2024 and 2025?

The data shows that 2024 and 2025 might witness a surge in the completion of large-scale photovoltaic (PV) projects in Romania, with over 400 projects expected to contribute significantly to the country's goals. Their total capacity is estimated at 30.5 GW. Obviously, this is the trickiest area in this report.

Is there a solar park in Romania?

A small solar park built on a 5 ha plot of land, within the Borş commune inside Bihor County. It is expected to store 3 MW and generate an annual solar power output of 2 GWh. These are only some of the solar projects that exist in Romania, and yet already we see the excitement around solar energy across Europe.

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### LONGi Ignites Romania's Energy Transition with 54.1MW BC ...

Jun 26, 2025 · The project exemplifies BC technology's scalability, with Hi-MO 9's 24.8% module efficiency and  $-0.26\%/^{\circ}\text{C}$  temperature coefficient ensuring optimal performance in Romania's ...

### Funding secured for 60 MW solar plant in Romania

Aug 7, 2024 · The European Bank for Reconstruction and Development and Eiffel Investment Group are providing EUR24.4 million in funding for the construction of ...

Nominal Capacity  
**280Ah**  
Nominal Energy  
**50kW/100kWh**  
IP Grade  
**IP54**



### All permits issued in Romania for Europe's biggest solar ...

Jan 10, 2025 · The communes of Pilu and Graniceri, in Arad province near the border with Hungary, ticked all the boxes for the start of construction of Dama Solar. The photovoltaic ...

## Romania awards EU funds for battery storage projects, solar ...

Oct 18, 2024 · Electrica and Renovatio Trading obtained the first EU grants for battery storage in Romania, alongside a solar panel factory project.



## Romania adds over 900 MW of solar in H1

Jul 28, 2025 · Romania is on track for record solar deployment in 2025, driven by subsidies for residential and commercial and industrial systems and a more favorable framework for utility ...

## Romania launches 950MW renewables tender

Apr 1, 2022 · The Romanian authorities have allocated a budget of EUR457.7 million (\$506 million) for a new renewables procurement exercise. Selected wind and solar projects will be granted ...



## LONGi, Solarpro, photovoltaic, Romania, Hi-

## MO 7



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## The Current State of Large-Scale PV Projects in ...

Mar 12, 2024 · As of the latest data available, there are over 880 large-scale PV projects in Romania, boasting a cumulative capacity of approximately 46,600 ...



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## LONGi and Solarpro cooperate on largest Romanian PV ...

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