

# Romania approved solar

What is Romania's new solar energy scheme?

The scheme will run until 31 December 2024 and will be targeted to aid regional development in Romania. Image: PJ Gal-Szabo via Unsplash. The European Commission (EC) has approved Romania's EUR259 million (US\$276 million) scheme to support investments in the production, assembly and recycling of batteries, PV cells and solar panels.

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.

Will Romania launch a new solar PV system in 2022?

The launch of the CfD has been expected for a while now, as covered in a PV Tech Premium article in 2022 that looked at the Romanian's market emerging solar PV interest in anticipation of the scheme and further expanded last year with a closer look at the Romanian market that is setting itself as an attractive market in Europe.

Does Romania have solar power?

Romania is undergoing a significant expansion in solar power within its broader energy transition framework, bolstered by European funding and legal reforms.

Where can solar energy be developed in Romania?

Arad (5.40 GW) and Dolj (5.39 GW) are the most promising locations, but counties such as Giurgiu (4), Bihor (3.8), Teleorman (2.6), Timis (2.3) and Dambovită (2.3) also stand out in this respect. This geographical diversity highlights the potential for solar energy development across Romania.

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.

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Romania had a total solar installed capacity of 1.8 GW by the end of 2022, which expects the country's to add another 6.1 GW by 2026 in its business-as- usual scenario.

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climate policy. Thus, Romania has set a target of 30.7% for the share of renewable energy sources in gross final energy consumption for the 2030 time horizon through the National Integrated Energy and Climate Change Plan 2021-2030 - NECP, approved by GD no 1076/2021, with the proposal to amend it to 36.2% through the Draft

In March the European Commission approved a EUR 3bln (RON 15.22bln) Romanian scheme to support installations producing electricity from onshore wind and solar photovoltaic. The approval relates to an initiative launched for consultations by the Ministry of Energy in August 2023, aimed at implementing a Contracts for Difference (CfD) support ...

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The state fund responsible for the Casa Verde Fotovoltaice scheme in Romania approved 48.8% of applications for rooftop solar power systems in the first round of grants, completed one and a half years after ...

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The Ministry of Energy of Romania approved the subsidy mechanism for contracts for difference for wind and solar power projects that win support at upcoming tenders. The government plans to enable CfDs for 5 GW in total. It set the target in the National Recovery and Resilience Plan (NRRP or, in Romanian, PNRR).

With an average of 1,900 to 2,400 annual sunlight hours, Romania has significant natural potential for solar PV development. Yet, the country has not set ambitious targets for renewable energy sources, aiming for only 30.7% of its final energy consumption to come from RES by 2030. For solar, this translates into an objective of 5.05 GW, which

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