
Distribution of solar sites in Romania

Does Romania have a solar PV project in 2023?

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 GWof new solar capacity installed in one year between distributed generation and utility scale projects.

Is Romania a solar market?

According to the International Renewable Energy Agency (IRENA),Romania is now considered one of the top ten solar markets in Europe,with a total installed solar photovoltaic capacity of 1,545 MW as of the end of 2023. One primary driver was the EU Modernization Fund.

How many largescale solar projects are there in Romania?

As of the latest data available,there are over 880large-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.

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 Dambovita (2.3) also stand out in this respect. This geographical diversity highlights the potential for solar energy development across Romania.

The regional distribution of large-scale PV projects in Romania reveals a notable concentration in certain counties, indicating areas with favorable conditions for solar energy ...

Explore the solar photovoltaic (PV) potential across 110 locations in Romania, from Dorohoi to Giurgiu. We have utilized empirical solar and meteorological data obtained from NASA's ...

Romania Solar Energy Market Size & Share Analysis - Growth Trends And Forecast (2025 - 2030) The Romania Solar Energy Market ...

Romania is rapidly emerging as a premier destination for renewable energy investment in the European Union, driven by strong economic growth, a strategic geographic ...

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Discover why Romania is set to install a record 1.7 GW of solar capacity in 2024. Learn about the government incentives and rising ...

Romania Area: 230080.00 km2 The regional statistics of solar resource and PVOUT are

calculated from long-term averages based on the period from 1994/1999/2007 ...

Discover why Romania is set to install a record 1.7 GW of solar capacity in 2024. Learn about the government incentives and rising demand driving its renewable energy boom.

The renewable energy sector in Romania is at an exciting crossroads, with the country looking to address both domestic energy ...

Indicators of renewable resource potential Solar PV: Solar resource potential has been divided into seven classes, each representing a range of annual PV output per unit of capacity ...

Romania Solar Energy Market Size & Share Analysis - Growth Trends And Forecast (2025 - 2030) The Romania Solar Energy Market Report is Segmented by ...

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 ...

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 ...

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