

How much solar energy does Portugal produce?

In a bold announcement, Portugal recently surpassed its entire solar output from 2023 by September 2024, celebrating a record year for solar energy production. According to REN (Rede de Energia Nacional), the country generated more than 3.99 TWh of solar energy in just the first nine months, exceeding last year's total of 3.6 TWh.

How much solar power does Portugal have in 2022?

Portugal's cumulative PV capacity hit 2.59 GW at the end of 2022, outpacing the growth of other renewable energy sources. The latest statistics from Portugal's Directorate General for Energy and Geology (DGEG) also show that the country added just 118 MW of new solar capacity in the first four months of 2023.

Why is Portugal a good country for solar energy?

Because Portugal is one of the countries in Europe with the greatest availability of solar radiation. Our country has 2,500 to 3,200 hours of sunshine per year, an average of 4 to 6 hours in winter and 10 to 12 hours in summer. In other words, Portugal has this clean, abundant and free energy as a source for producing electricity.

Does Portugal have a solar market?

Portugal, however, offers room for expansion in the self-consumption and floating solar markets. The Portuguese government devised two market mechanisms, auctions and direct agreements, with the goal of installing 9 GW of PV capacity by 2030. Permitting issues, though, might be impeding the accomplishment of this objective.

How much money did the Portuguese spend on solar panels?

Of this amount, 69.7 million euros were spent by the Portuguese on solar panels, 51.3 million on heat pumps and 45.8 million on efficient windows. Now, the Government has decided to change the rules of the game.

How many solar panels will Portugal have in 2023?

BloombergNEF predicts that Portugal's solar installations will reach 1,363 MW by the end of 2023, a substantial increase compared to 890 MW last year. This content is protected by copyright and may not be reused. If you want to cooperate with us and would like to reuse some of our content, please contact: editors@pv-magazine.com.

Portugal's Solar Rooftop Country Profile. April 2024. Red = 0-1 points. Orange = 2-3 points. Green = 4-5 points. This country profile highlights the good and the bad policies and practices of solar rooftop PV development within Portugal. It examines and scores six key areas: governance, incentives & support schemes, permitting procedures ...

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As of June 2022, solar is the fastest-growing energy source in Portugal, with almost 2.2 GW of capacity installed, according to DGEG. But according to a recent Bloomberg report, financial issues including growing inflation and ...

The Government's goal is to support 70,000 new applications to achieve at least 7.3 million m² of renovated area and reduce polluting emissions by 18.5 tons of CO₂. Each applicant for support from the More Sustainable Buildings program can only seek up to a maximum limit of 7,500 euros, per apartment or house, and this amount is deducted from ...

The European Commission has approved a EUR350 million (\$380.4 million) funding package to support companies in Portugal that produce solar panels, batteries, heat pumps, and other renewable...

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The 1,200-MW Fernando Pessoa solar project is located in Santiago do Cacem, near Sines and its construction will generate up to 2,500 jobs. When it comes on stream in ...

Portugal should reach the 2030 target already in 2025 regarding energy production via renewable sources such as solar energy. According to Adene (Agency for Energy), the forecast is to reach 80% of energy produced from ...

Portugal offers a lot of room for future expansion, and the government is aware of the obstacles facing the solar industry and is taking steps to address them. It is envisaged that new rules will aid in resolving grid connection and permission ...

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