

Title: Romanian solar power generation system

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Romania's distributed generation segment has grown rapidly, surpassing 2.5 GW, with most capacity deployed in the past three years. ...

This article will delve into Romania's solar landscape, providing a comprehensive overview of the current state of the market, government policies, and incentives, as well as the potential for future growth.

Romania is located in an area with a good solar potential of 210 sunny days per year and with an annual solar energy flux between 1,000 kWh /m² /year and 1,300 kWh/m² /year.

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With a historical backdrop that dates back to the 1970s when Romania became a key player in solar energy production, the country has revitalized its efforts to enhance solar capacity in ...

Solar power in Romania had an installed capacity of 1,374 megawatt (MW) as of the end of 2017. The country had in 2007 an installed capacity of 0.30 MW, which increased to 3.5 MW by the end of 2011, and to 6.5 MW by the end of 2012. However, the record year of 2013 was an exception, and new installation fell back from 1,100 MW to a moderate level of 69 MW in 2014.

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

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