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Solar panels in rural Slovenia



Overview

Slovenia has set aside €16 million (\$16.7 million) to support solar energy communities, requiring projects to include at least 100 kW of PV capacity, with or without storage. How much will Slovenia spend on solar energy projects?

Data Protection Policy Slovenia has set aside €16 million (\$16.7 million) to support solar energy communities, requiring projects to include at least 100 kW of PV capacity, with or without storage. The program will run until 2027.

How many solar power plants are there in Slovenia?

In 2022, 12,698 solar power plants with a total capacity of 227.6 megawatts (MW) were connected to the grid in Slovenia and 18,034 solar power plants with a total capacity of 411.8 MW in 2023. In total, 49,092 solar power plants with a total capacity of 1,104.5 MW were in the system on 31 December 2023.

Does Slovenia have a reliable electricity grid?

Slovenia boasts a generally reliable electricity grid with a robust transmission network that ensures uninterrupted and high-quality power delivery. However, grid reliability can be impacted during winter periods due to increased energy demand and reduced solar power output. 4 We can help you start your own solar module production company.

How much power does a photovoltaic system need in Slovenia?

The government and Slovenia's EU Cohesion Policy Program are co-financing the initiative, the ministry said in a statement. "The total nominal power of the installed photovoltaic modules must be at least 100 kW, with or without battery energy storage systems," the authorities said.

How much sun does Slovenia get a year?

Slovenia typically enjoys between 1,330 and 2,976 hours of sunshine each year, though this amount can change depending on the location and time of

year. 1 In Slovenia, the average annual solar energy yield in Slovenia is around 1038 kWh/kWp. 2.

How many PV installations did Slovenia have in 2023?

Slovenia recorded 400 MW of new PV installations in 2023, taking its total installed capacity to 1.1 GW, according to the latest figures from the Ministry of the Environment, Climate and Energy. This content is protected by copyright and may not be reused.

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