



Number of solar base stations in Slovakia





Overview

French investor Voltalia is set to build 50 solar parks in Slovakia, adding 400 MW of renewable energy capacity by 2027 to support the nation's green goals.

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The year 2023 brought the long-awaited revitalization of renewable energy sources (RES), as evidenced by data provided to the Slovak Association of Photovoltaic Industry and RES (SAPI) by the distribution system operators (DSOs). According to SAPI, this is an important milestone in the development.

There are 329 Solar photovoltaic power plants in Slovakia as of November, 2025. Preview of Solar photovoltaic power plant businesses in Slovakia **.* **.* GOLED - Fotovoltika. **.* **.* SOLAR SYSTEM - Fotov. **.* **.* **.* **.* **.* **.*

Slovakia generates solar-powered energy from 2 solar power plants across the country. In total, these solar power plants has a capacity of 24.0 MW. How much electricity is generated from solar farms each year?

According to the latest data from the International Energy Agency (IEA), the global.

The company plans to develop 50 solar parks with a total capacity of 400 megawatts. Slovakia is embarking on a major expansion of its solar energy sector, aiming to increase its capacity more than tenfold from approximately 200 megawatts to 3,000 megawatts by 2030. Voltalia is a key player in this.

aximum of 1,100 kWh/m². The technical potential of solar energy has been estimated at 5,200 GWh annually, which is about 20 % of the total technical potential of renewable power sources in Slovakia. There is growing demand for supply of photovoltaic power plants and solar panels for in Slovak solar.

Except where otherwise noted, content on this site is licensed under a Creative Commons Attribution 4.0 International. Official and up-to-date data of Slovak Republic for all years of statistics, in an easy-to-read format. Analysis of solar



electricity installed capacity with advanced tools for. How much solar energy did Slovakia add in 2024?

Slovakia added 274 MW of solar in 2024, according to figures from the Slovak Association of the Photovoltaic Industry (SAPI). The result is a slight increase on 2023 levels, when a total 267 MW was installed.

How much solar power does Slovakia have?

Last year's solar additions, led by installations in the commercial and industrial sector, took Slovakia's cumulative solar capacity to over 1 GW. Slovakia added 274 MW of solar in 2024, according to figures from the Slovak Association of the Photovoltaic Industry (SAPI).

Which power stations are in Slovakia?

The following page lists power stations in Slovakia . / 48.491; 17.672 (Bohunice Nuclear Power Plant, Unit 1) / 48.491; 17.672 (Bohunice Nuclear Power Plant, Unit 1) / 48.492; 17.676 (Bohunice Nuclear Power Plant, Unit 2) / 48.497; 17.691 (Bohunice Nuclear Power Plant, Unit 3) / 48.496; 17.693 (Bohunice Nuclear Power Plant, Unit 4)



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Slovakia added 274 MW of PV in 2024

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Solar Power Plants in Slovakia (Map)

Data and information about Solar power plants and their location plotted on an interactive map of Slovakia.



[Slovakia: PV development in 2023 exceeds expectations](#)

The largest increase of 11,202 plants with a total capacity of 107.8 MW was evidenced in western Slovakia (about 54% of both the number of installations and installed capacity), followed by ...

[Solar electricity installed capacity , Slovak Republic](#)

Analysis of solar electricity installed capacity with advanced tools for comparisons, trends, shares, and various metrics.



Warranty
10 years

LiFePO₄

Intelligent BMS

Wide Temp:
-20°C to 55°C



[Slovakia's Solar PV Market Grew By Over 274 MW](#)

The newly added PV capacity includes 113.6 MW of residential solar, 142.7 MW of PV installed by companies, and another ...

Slovakia added 274 MW of PV in 2024

Last year's solar additions, led by installations in the commercial and industrial sector, took Slovakia's cumulative solar ...



Slovakia Solar Energy Market - Size, Share, Trends, Analysis

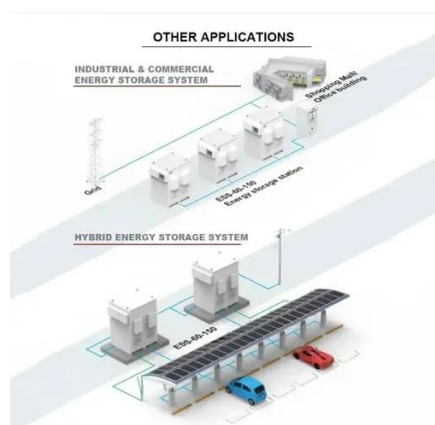
The key segments in the Slovakia solar energy market may include residential, commercial, and utility-scale solar installations, as well as segments based on solar technology types such as ...



[Votalia to Boost Slovakia's Solar Energy with 400](#)



French investor Voltalia is set to build 50 solar parks in Slovakia, adding 400 MW of renewable energy capacity by 2027 to ...



HOW MUCH SOLAR SLOVAKIA

Slovakia need in 2050? As shown in the zero-emission scenario, Slovakia will need to implement at least 7,500 MW of solar PV installed in 2050 if it aims to reach its carbon-neutrality. This ...

Voltalia to Boost Slovakia's Solar Energy with 400 MW by 2027

French investor Voltalia is set to build 50 solar parks in Slovakia, adding 400 MW of renewable energy capacity by 2027 to support the nation's green goals.



[Slovakia's Solar PV Market Grew By Over 274 MW In 2024](#)

The newly added PV capacity includes 113.6 MW of residential solar, 142.7 MW of PV installed by companies, and another 17.7 MW of large-scale solar in 2024. The overall PV ...

[Slovakia Solar Energy Market - Size, Share, ...](#)



The key segments in the Slovakia solar energy market may include residential, commercial, and utility-scale solar installations, as well as ...



[Top five solar PV plants in operation in Slovakia](#)

Listed below are the five largest active solar PV power plants by capacity in Slovakia, according to GlobalData's power plants database. GlobalData uses proprietary data ...

[List of Solar photovoltaic power plants in Slovakia in 2025](#)

There are 329 Solar photovoltaic power plants in Slovakia as of November, 2025. Download latest business data with contact info, ratings & locations.





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