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Slovenia Solar System





Overview

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.

How much solar power does Slovenia have in 2024?

Slovenia installed 298.8 MW of solar capacity in 2024, according to the Slovenian Photovoltaic Association (Združenje slovenske fotovoltaike). Director Nina Hojnik told pv magazine the total includes 191.5 MW of residential installations, 100.8 MW of commercial and industrial (C&I) projects, and 6.5 MW of utility-scale capacity.

How much solar power will Slovenia have by 2030?

In its report, issued a month ago, SolarPower Europe estimated that Slovenia could reach 6.2 GW in total solar power capacity by 2030. Of note, a record 55.9 GW was installed in Europe last year, 40% more than in 2022. The boom in photovoltaics is evident throughout the planet.

Why does Slovenia have a low number of solar panels in 2025?

The lowest total in four years reflects a sharp decline in residential installations, despite continued subsidies for residential hybrid systems. Slovenia added 85 MW of solar during the first six months of 2025, according to figures from the Slovenian Photovoltaic Association (Združenje Slovenske Fotovoltaike).



Slovenia Solar System



[Slovenia top solar companies](#)

There is a solar power boom in Slovenia and it mirrors the rapid growth of the renewable energy sector in most parts of Europe. In 2019, there were 2,496 solar PV systems that were installed

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[Slovenia deploys 85 MW of solar in H1](#)

Aug 8, 2025 · Slovenia installed 85 MW of solar in the first half of 2025, driven by growth in commercial and industrial (C& I) projects and utility-scale installations. The lowest total in four

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[Slovenia Adds 298.8 MW of Solar in 2024](#)

Feb 13, 2025 · Slovenia introduced a new tariff system in October, replacing peak and off-peak pricing with network charges that vary by time of day and season. Hojnik said the system ...



[Solar power's untapped potential in Slovenia: Challenges and...](#)

Slovenia ended the previous year with 1.4 gigawatts of installed solar capacity, over half of which comes from small-scale systems. This represents about eight percent of the country's total ...



[Slovenia Boosts Green Energy with 30 MW Solar Power Plant](#)

May 10, 2025 · Slovenia approves a new 30 MW solar power plant, a major step in its renewable energy goals. Discover how this project supports EU targets and a greener economy.



New rules to boost solar power generation

Apr 15, 2024 · 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

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Slovenia Plans Europe's Largest Floating Solar Plant To ...

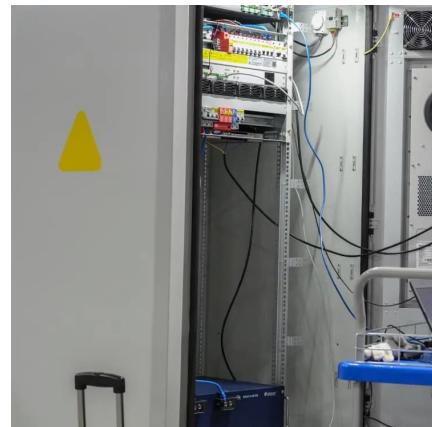
Sep 29, 2025 · Slovenia is advancing plans for the Druzmirje Floating Solar Power Plant (Druzmirje FSPP), a 140 MW project set to become the country's first and Europe's largest

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Slovenia exceeds 1 GW in solar capacity in ...

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Slovenia adds 298.8 MW of solar in 2024

Feb 12, 2025 · Slovenia's solar market slowed in 2024, but the residential segment maintained the largest share as it adjusted to the phase-out of net metering and a new electricity tariff system.

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