## **SOLAR** PRO. Slovenia scaling solar program

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Slovenia"s Ministry of Infrastructure is currently cooperating with the country"s national grid operator ELES and distribution system operator SODO to set up a plan to add another 1 GW of PV ...

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The "one-stop shop" program aims to make privately funded grid-connected solar projects operational within two years and at competitive tariffs. When implemented across multiple countries, the program will create a new regional market for solar investment.

The review shows there are currently at least 58 locations on the territory of Slovenia where it is possible to set up utility-scale solar power plants with a capacity higher than 10 MW, and connect them to the transmission grid. The potential is similar in all five power distribution companies

In 2023 Slovenia added 400 MW in solar power, exceeding 1 GW in total capacity. The country also entered the list of the top ten European Union member countries in installed solar power per capita. At the end of 2022, Slovenia had solar facilities of an overall 697.7 MW, and with last year"s expansion the level reached 1,101.5 MW, the ...

Slovenia"sfirst collective self-consumption in a multi-unit residential building o Apartment block with 23 apartments with 55 inhabitants, with overall 36.7 kW PV capacity for: o 15.1 kW for common usage/spaces o 21.6 kW for individual apartment consumption o Solar PV investment of 36,400 EUR to be recovered in full within 7 years

The investment aims to create new renewable electricity generation capacity through a technology-neutral public tender between different technologies (geothermal and hydroelectric energy) and solar technology for public buildings.

Slovenia plans significant increase in solar capacity (EurActiv, 18 Jul 2022) The Slovenian government is gearing up to increase solar energy production, with Prime Minister Robert Golob announcing a plan to set up giant solar power plants to supply households in the next three years.

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## Slovenia scaling solar program

Hydropower plant operator Hidroelektrarne na spodnji Savi (HESS) has officially opened Slovenia"s biggest solar power plant, with an installed capacity of 6 MW. Together with the Brezice hydropower plant, it makes a hybrid system. At the same time, Brezice"s water reservoir will provide energy storage.

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