

Slovenia Communications Green Base Station Photovoltaic Power Generation





Overview

Slovenia offers great potential for exploiting photovoltaic energy due to evenly spread solar irradiation. The first photovoltaic power plant in Slovenia was set up in 2001. At the end of 2017, 4,231 photovolta.

What is the potential of photovoltaic energy in Slovenia?

Slovenia offers great potential for exploiting photovoltaic energy due to evenly spread solar irradiation. The first photovoltaic power plant in Slovenia was set up in 2001. At the end of 2017, 4,231 photovoltaic power plants had been installed in Slovenia with a total power of 267 MW.

How can a photovoltaic module be financed in Slovenia?

Photovoltaic modules with a capacity of at least 100 kW will be eligible for subsidies, along with local energy communities whose members are primarily household consumers. By co-financing these investments, the public tender encourages an increase in the production of electricity from renewable energy sources in Slovenia.

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.

Will Slovenia build a second nuclear power plant?

Slovenia aims to decide by 2028 whether it will build its second nuclear power plant. The government is targeting a 55.4% share of renewables in electricity, 45.2% in heating and cooling and 25.8% in transportation, according to the updated NECP for 2030.

What is Slovenia's energy capacity?

The reference capacity in the related scenario is 1.1 GW, from a range of 1



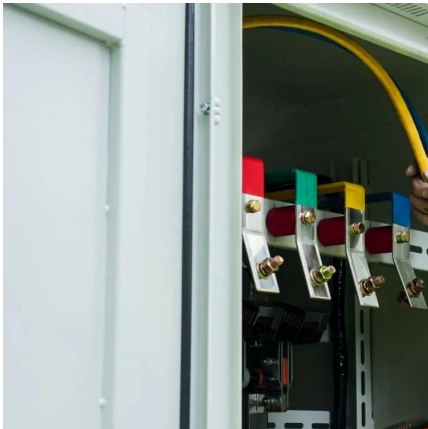
GW to 2.4 GW. A small modular reactor (SMR), of 250 MW, would come online by mid-century, the NECP reads. Slovenia plans to maintain a high level of electricity connectivity with neighboring countries, with a goal of more than 80%.

How much European Union funding does Slovenia receive?

Slovenia has received 11.9 million euros of European Union funding to support the community self-supply of electricity from renewable sources for the period between 2025 and 2027.



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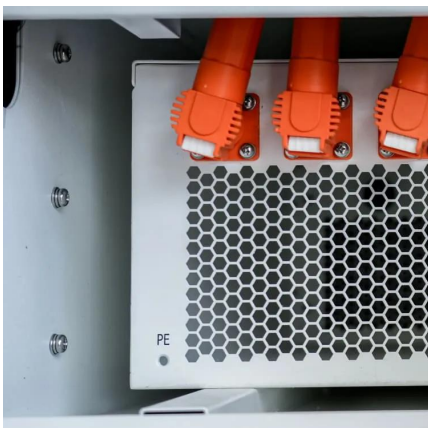


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