

## ContainerPower Energy Solutions

# Slovakia s GW-scale solar projects



## Overview

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Slovakia is taking significant steps to expand its solar energy infrastructure through the construction of large-scale solar parks. The Slovak Electricity Transmission System (SEPS) has announced plans to build three new solar parks, with a total capacity of 150 MW spread across the country. What is solar photovoltaics in Slovakia?

Slovakia solar photovoltaics is mainly driven by the residential sector. Slovakia has around 472 MW of installed solar PV power generation capacity in 2019. Solar PV is expected to claim 44% of the clean energy capacity needed to generate 2.4 TWh of electricity by 2021.

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).

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.

Can Slovakia produce flexible photovoltaic panels?

In February last year, Slovakia's Deputy Prime Minister and Minister of Economy, Denisa Sakova, signed a memorandum of understanding with Japan's Sekisui Chemical to explore the possibility of producing flexible photovoltaic panels in the country. This content is protected by copyright and may not be reused.

What drove Slovakia's solar market last year?

The main drivers in Slovakia's solar market last year were electricity prices in

the unregulated sectors, comprising businesses and all consumers above 30 MWh annually, Karaba added, as well as EU financial subsidies for households and small to medium-sized enterprises.

What is Slovakia's energy policy?

In a 2018 review of the Slovakia's energy policy, the International energy agency (IEA) stated that Slovakia has plans to meet its national renewables target mostly with unsustainable biomass, placing pressure on the stability of the country's ecosystems.

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