

ContainerPower Energy Solutions

Sofia Solar Power Generation System



Overview

What will Bulgaria's new solar power plant do?

With a nominal output of 124 megawatts peak (MWp), the Verila solar power plant will make a significant contribution to Bulgaria's green electricity mix from spring 2023 onwards. Built by SUNOTEC, the new solar park will generate energy equivalent to 12 percent of the current total output of all PV plants in the country.

How big is Bulgaria's solar power?

In a matter of months, Bulgaria's total solar power capacity is set to exceed 3 GW, compared to just 1.3 GW at the end of 2021. The lineup in the list of the largest photovoltaic plants is changing almost every week as major facilities come online, and there is more in the pipeline.

Who builds solar power plants in Europe?

About SUNOTEC SUNOTEC is Europe's market leader in the construction of utility solar PV plants. The company, based in Sofia (Bulgaria) and Munich (Germany), currently employs more than 1,000 people. It has already built more than 400 grid connected solar power plants.

Are solar panels a viable option for self-consumption in Bulgaria?

Conversely, households and institutions interested in installing solar panels for self-consumption are still stuck with administrative hurdles In the statistics of the International Renewable Energy Agency (IRENA), Bulgaria had 1.28 GW at the end of 2021 and 1.95 GW just one year later. The measure is expressed in nominal or peak capacity.

Which solar panels are bifacial?

The panels are bifacial. After Verila, the largest unit is Tera Sol, at 111.6 MW in nominal terms (100 MW). Project firm C Solar energy was established by CSOL invest, a subsidiary of Georgi Zlatarev's C Energy Group. The

photovoltaic park was built last month on almost 120 hectares in the vicinity of the village of Hrishteni near Stara Zagora.

Will photovoltaics reach 3 GW?

Since there is no state register of photovoltaics, the news outlet conducted a survey of available official reports and spoke to investors. It calculated that 700 MW is expected to be commissioned in the next several months, meaning that the 3 GW mark would be surpassed.

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