

## European Solar and Energy Storage Solutions

# Croatia solar insights



## Overview

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Gain comprehensive insights into the statistics and metrics surrounding the solar production industry in Croatia. What is the solar power market outlook in Croatia?

In the report, Western Balkans Solar Photovoltaic (PV) Power Market Outlook: 2021 ÷ 2030 is included information about the recent solar projects in Croatia that are and would play a key role in expanding the solar power market in the country in the next few years.

What percentage of solar PV installations are in Croatia?

Solar PV capacity accounted for 11.0% of total power plant installations globally in 2021, according to GlobalData, with total recorded solar PV capacity of 894GW. This is expected to contribute 26.1% by the end of 2030 with capacity of installations aggregating up to 3,206GW. Of the total global solar PV capacity, 0.01% is in Croatia.

How much solar power does Croatia have?

By the end of 2014, the country had approximately 33MW solar capacity. However, solar photovoltaic market growth in Croatia between 2015 and 2019 was moderate, with only 20.4MW newly installed capacity in this period from eligible producers. Chart 2: Croatia Solar Photovoltaic (PV) Electricity Generation 2011 - 2019 in TWh; Renewable Market Watch™.

Does Croatia need a solar energy strategy?

Croatia has one of the lowest photovoltaic capacity per inhabitant in Europe (15.6 Wp in 2020). The country will need strong support from local and international partners to develop its solar power sector and to decarbonize the economy. Croatia's energy strategy in the foreseeable future.

Is solar irradiation a viable energy source in Croatia?

The abundance of solar irradiation in Croatia shall enable photovoltaic energy

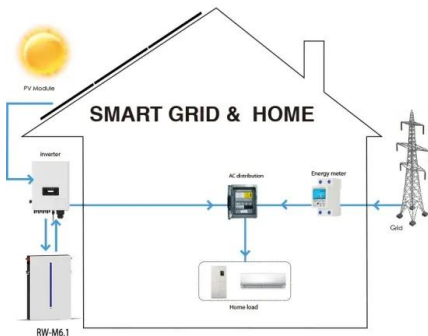
to become an increasingly cost-competitive power generation source and attract new investments. Croatian solar resource potential Energy Institute Hrvoje Pozar initiated several solar radiation measurements projects in Croatia.

What is Croatia's solar energy potential?

"Croatia's solar energy potential estimated at 6.8 GW". Balkan Green Energy News. Retrieved 18 March 2022. ^ Spasić, Vladimir (10 November 2021).

"Croatia to add 1.5 GW of renewables by 2025". Balkan Green Energy News. Retrieved 18 March 2022.

## Croatia solar insights



### Solar PV Analysis of Zadar, Croatia

Solar Energy Potential in Zadar, Croatia Zadar, Croatia, located at 44.12°N latitude and 15.2423°E longitude, offers varying potential for solar energy generation throughout the year. This coastal city in the Northern Temperate Zone experiences significant seasonal fluctuations in solar output, which impacts the effectiveness of photovoltaic (PV) systems.

### Power plant profile: Dugopolje Solar PV Project, Croatia

Dugopolje Solar PV Project is a ground-mounted solar project. The project is expected to generate 17,200MWh electricity and supply enough clean energy to power 6,000 households. The solar power project consists of 24,624 modules. 52 inverters are likely to get installed at the project site. Development status



### Croatia Solar Photovoltaic (PV) Analysis

"Croatia Solar Photovoltaic (PV) Analysis - Market Outlook to 2030, Update 2021" is the latest report from GlobalData, the industry analysis specialist, that offers comprehensive information and understanding of the solar PV market in Croatia. The report discusses the renewable power market in the country and provides forecasts up to 2030. The ...

## Croatia Solar Power Market Outlook to 2028

Equip yourself with rigorous analysis and forward-looking insights into the Croatia Solar Power Market across multiple regions. Gain an understanding of uncertainty and discover how the most influential growth drivers and restraints in the regions will impact market development.



### Top five solar PV plants in operation in Croatia

Of the total global solar PV capacity, 0.01% is in Croatia. Listed below are the five largest active solar PV power plants by capacity in Croatia, according to GlobalData's power plants database. GlobalData uses proprietary data and analytics to provide a complete picture of the global solar PV power segment.

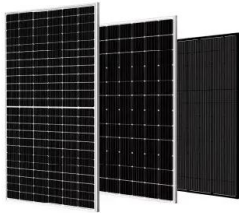
### Top five solar PV plants in development in Croatia

Listed below are the five largest upcoming Solar PV power plants by capacity in Croatia, according to GlobalData's power plants database. GlobalData uses proprietary data and analytics to provide a complete picture of the global Solar PV power segment.



### Croatia Solar Photovoltaic (PV) Power Market ...

The available renewable energy quota was 88MW, with 50MW envisaged for solar. As a result of the tender, Croatia allocated only 25.5MW of renewable power capacity, including 13.4MW of solar capacity. This year, the Croatian ...



## Solar Insights

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### HEAT DISSIPATION

Cold aisle containment, making optimal refrigeration effect:



## Croatia Solar Photovoltaic (PV) Power Market Development in the ...

The available renewable energy quota was 88MW, with 50MW envisaged for solar. As a result of the tender, Croatia allocated only 25.5MW of renewable power capacity, including 13.4MW of solar capacity. This year, the Croatian energy market operator HROTE will conduct its second auction for 400MW solar and wind power capacity.

## Croatia Solar Photovoltaic (PV) Power Market

Recent solar photovoltaic (PV) market activity and renewable energy capacity tenders in Croatia. The Croatian government approved in

May 2020 a new tender framework for power plants based on renewable energy and co-generation. ...



## Power plant profile: Brckovljani Solar PV Project, Croatia

Brckovljani Solar PV Project is a 20MW solar PV power project. It is planned in Zagreb, Croatia. According to GlobalData, who tracks and profiles over 170,000 power plants worldwide, the project is currently at the announced stage.

## Croatia Solar Photovoltaic (PV) Analysis

Access a live Croatia Solar Photovoltaic (PV) Market Size and Trends by Installed Capacity, Generation and Technology, Regulations, Power Plants, Key Players and Forecast, 2021-2030 dashboard for 12 months, with up-to-the-minute insights.



## ACCIONA Energía gains 12-year CfD for 189MWp Croatian solar

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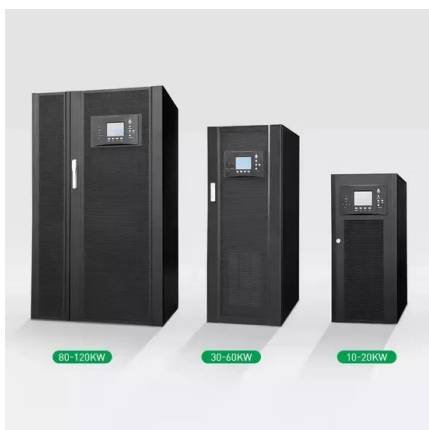
Spanish renewables developer ACCIONA Energía has been awarded a 12-year contract for difference (CfD) for its Promina solar power project in Croatia. The 189 megawatts peak (MWp) photovoltaic plant, currently under

development, will be the largest solar facility in the country upon its completion in 2027.



## Country Roads of Croatia Guided Tour , Insight Vacations AU

Croatia's culinary delicacies are also the order of the day at Celebration Dinner in Dubrovnik paired with wine and grappa. Explore Plitvice Lakes National Park, one of Europe's great natural wonders. On this Insight Choice, learn about local Tara Community folklore, or journey through the forest paths, alongside 16 interconnecting lakes.



## Top five solar PV plants in development in Croatia

If the current trend in solar power plant development continues, Croatia could reach a solar capacity of 963 MW by 2025. It's also forecasted that Croatia will have 1,340 MW of solar power by 2026, and possibly 7 GW of solar energy by ...

## Croatia almost doubles solar capacity this year

Croatian solar output has risen to 274GWh so far this year, accounting for 1.7pc of the country's generation mix, according to RES Croatia. This is

up sharply from 80GWh for the whole of 2022, with generation in July and August alone reaching a combined 84GWh this year.



## **SolarPower Europe and RES Croatia deepen their partnership to**

SolarPower Europe and Renewable Energy Sources of Croatia (RES Croatia) have signed a strategic partnership to support solar energy growth in Croatia and the wider region. As Croatia approaches the milestone of 1GW of solar capacity, this partnership reflects a shared commitment to supporting the region's renewable energy ambitions and

## **Power plant profile: Benkovac Solar PV Project, Croatia**

Benkovac Solar PV Project is a 97MW solar PV power project. It is planned in Zadar, Croatia. According to GlobalData, who tracks and profiles over 170,000 power plants worldwide, the project is currently at the announced stage. It will be developed in a single phase.



## **Power plant profile: Bibinje Solar PV Park, Croatia**

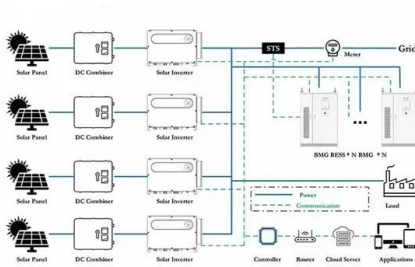
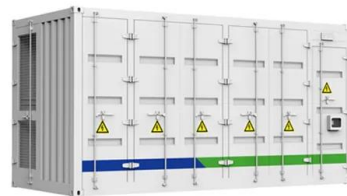
Bibinje Solar PV Park is a 60MW solar PV power project. It is planned in Zadar, Croatia. According to GlobalData, who tracks and profiles over

170,000 power plants worldwide, the project is currently at the announced stage. It will be developed in a single phase. The project construction is likely



## Power plant profile: Korlat Solar PV Park, Croatia

Korlat Solar PV Park is a ground-mounted solar project which is planned over 185 hectares. Development status The project construction is expected to commence from 2024. Subsequent to that it will enter into commercial operation by 2026. For more details on Korlat Solar PV Park, buy the profile here. About Hrvatska Elektroprivreda



## Solar saves in Croatia

Currently, only 1% of Croatia's energy comes from solar, which is a shame for a country with more than 220 sunny days in a year." Filip Kopr?ina Earlier this month, the government also introduced a 0% VAT rate for households looking to install solar for self-consumption, which sparked a huge interest from households to invest in solar.

## Croatia Solar Report

If the current trend in solar power plant development continues, Croatia could reach a solar capacity of 963 MW by 2025. It's also forecasted that Croatia will have 1,340 MW of solar power by 2026, and possibly 7 GW of solar energy by 2030.



## Power plant profile: Promina Solar PV Park, Croatia

Promina Solar PV Park is a ground-mounted solar project. The project is expected to generate 320,000MWh electricity and supply enough clean energy to power 69,000 households. The project is expected to offset 140,000t of carbon dioxide emissions (CO2) a year. The solar power project consists of 300,000 modules. Development status

## Solar powering communities in Croatia

Renewable energy initiatives are taking centre stage globally, and one exemplary effort comes from the Zelena Energetska Zadruga (Green Energy Cooperative) in Croatia. We spoke with Zoran Kordi?, co-founder of the cooperative, who shared insights into their impactful projects, and emphasised the transformative power of solar and its potential to strengthen local communities.



## Croatia Solar Photovoltaic (PV) Power Market

Recent solar photovoltaic (PV) market activity and renewable energy capacity tenders in



Croatia. The Croatian government approved in May 2020 a new tender framework for power plants based on renewable energy and co-generation. This framework assumes the country allocates approximately 1,100MW (1.1GW) of solar power capacity.

## Power plant profile: Stankovci Solar PV Farm, Croatia

Stankovci Solar PV Farm is a 2.5MW solar PV power project. It is located in Zadar, Croatia. According to GlobalData, who tracks and profiles over 170,000 power plants worldwide, the project is currently active. It has been developed in a single phase.



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