

A-Core Container

Croatia's first solar energy storage



Overview

The battery system will have a discharge capacity of 38 MW and a storage capacity of up to 70.8 MWh, designed to operate for around twenty years. An environmental assessment is required because the investor, the local company Funicula, plans to develop the site as a standalone solar power plant. Is Croatia ready for solar energy storage?

“There is immense scope for energy storage in Croatia, predominantly for battery storage.” GlobalData says that Croatia is now on target to meet its 36.4% renewable energy target by 2030. However, its recent investment in energy storage has not been accompanied by rapid solar PV development.

Will Croatia build Europe's largest energy storage project?

Croatia is preparing to build Eastern Europe's largest energy storage project. IE Energy has secured €19.8 million (\$20.9 million) to develop a 50 MW storage system, potentially extendable to 110 MW by 2024.

How can Croatia benefit from solar energy?

However, to harness this potential effectively, Croatia will need to adopt more ambitious solar energy targets, ensure clear renewable energy investment direction in the power sector, and develop its modern electricity grid. The clean energy transition and development of the solar power sector can contribute to GDP growth and new jobs creation.

How much solar power will Croatia have by 2030?

GlobalData expects the country to reach 770 MW of cumulative solar capacity by 2030. “Croatia's largest state-owned power company HEP has announced plans to invest around \$23 million annually until 2023 to install new capacity of 20 MW per year, as well as to complete 350 MW capacity by 2030,” said Saibasan.

How much solar capacity will Croatia have in 2022?

The country might only add 2.5 MW of new solar capacity in 2022, and another 19 MW next year, according to the consulting firm. The International Renewable Energy Agency (IRENA) says that Croatia had 309 MW of installed PV capacity at the end of 2021. GlobalData expects the country to reach 770 MW of cumulative solar capacity by 2030.

How much money has the EBRD invested in Croatia?

The EBRD has invested more than €5bn in 273 projects in Croatia to date, focusing on supporting reforms, leveraging EU membership benefits, and modernising public-sector enterprises.

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