

## SolarTech Power Solutions

# How much does Croatian energy storage power supply cost



## Overview

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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.

What makes Croatia's electricity market unique?

In conclusion, Croatia's electricity market is characterized by a balanced mix of hydroelectric power, fossil fuels, and growing renewable sources. Being part of the EU electricity market and its connections with neighboring countries are vital for its energy strategy.

Is Croatia energy-independent?

Croatia also co-owns the Krško nuclear reactor in Slovenia, which is included in its energy mix as imported electricity. To become energy-independent and sustainable, Croatia counts on its abundant renewable energy resources. In March 2025, the Croatian government updated its Energy Strategy for the period until 2030, with an outlook through 2050.

How much energy does Croatia import?

Croatia imports about 54.54% of the total energy consumed annually: 74.48% of natural gas, 78.34% of oil and petroleum products, and 100% of its solid fossil fuel needs. Croatia also co-owns the Krško nuclear reactor in Slovenia, which is included in its energy mix as imported electricity.

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.

## What is Croatia's energy sector?

Croatia's energy sector is diverse, drawing from various sources to meet its electricity needs. The main source of energy in the country is hydroelectric power, which plays a pivotal role in its energy landscape. Significant investments have been made in hydroelectric facilities, capitalizing on the country's abundant water resources.

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