

## SolarInnovate Energy Solutions

# Bosnia and Herzegovina solar panels photovoltaic panels



## Overview

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Who is building a 125 MW solar plant in Bosnia & Herzegovina?

Bosnia and Herzegovina has started working on a 125 MW solar plant – its largest to date. China's Norinco International will build the facility, with completion expected in one year. The European Commission has published a call for private companies to invest in the Western Balkans.

How much solar energy does Bosnia have?

The average intensity of solar radiation in Bosnia is approximately 1,500 kWh/m<sup>2</sup> annually. 12 The national average for kWh per kWp installed in Bosnia annually typically ranges from 1,400 to 1,600 kWh/kWp. 3 According to the data from December 2023, the average price of electricity for households in Bosnia and Herzegovina is \$0.096 per kWh.

How much does electricity cost in Bosnia and Herzegovina?

According to the data from December 2023, the average price of electricity for households in Bosnia and Herzegovina is \$0.096 per kWh. This includes all components of the electricity bill such as the cost of power, distribution and taxes. For businesses, the average electricity price in Bosnia and Herzegovina is \$0.109 per kWh. 4.

How much sunlight does Bosnia get a year?

Bosnia receives approximately 2,100 to 2,500 hours of sunshine per year. The average intensity of solar radiation in Bosnia is approximately 1,500 kWh/m<sup>2</sup> annually. 12 The national average for kWh per kWp installed in Bosnia annually typically ranges from 1,400 to 1,600 kWh/kWp. 3.

Will China build a solar power plant in the Western Balkans?

China's Norinco International will build the facility, with completion expected in one year. The European Commission has published a call for private companies to invest in the Western Balkans. Financial backing could be made

available for participating projects in areas including the development of renewable energy sources.

Can a building-integrated PV system reduce energy consumption?

Scientists have proposed a building-integrated PV system that integrates airflow to cool the panels and control room temperature. The system, which also acts as a shading device, can reportedly mitigate drops in power generation efficiency without additional energy consumption.

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