

## Bosnia and herzegovina solar energy for homes

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Gain comprehensive insights into the statistics and metrics surrounding the solar production industry in Bosnia and Herzegovina

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/m2 annually. 1 2

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. 22

For businesses, the average electricity price in Bosnia and Herzegovina is \$0.109 per kWh.

The frequency of power outages in Bosnia and Herzegovina varies annually, but in 2022, the country experienced 61 interruptions in its electricity system. 5

As of the end of 2023, the installed photovoltaic (PV) capacity in Bosnia was 153 MW (74 MW in Republic of Srpska and 79 MW in the Federation of Bosnia and Herzegovina). 6 7

There are several large-scale projects totaling an additional 752.5 MW in various stages of development or testing phase. 8

This brings the total current and projected solar PV capacity in the country to approximately 900 MW. 9

The average price of electricity in December 2023 was \$0.091 per kilowatt hour.

Cost of energy for wind farms are in the range of \$55-77/MWh.

Bosnia and Herzegovina have an electricity access rate of nearly 100% of the population, boasting a highly developed and reliable electricity supply system that provides continuous power availability for its residents and industries. The average daily electricity availability from the national grid is nearly 24 hours. 15

The search results do not provide the exact number of residential solar panel installations in Bosnia and Herzegovina because there is no publicly accessible database that documents this information.

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