



IMK CONTAINERS

# Solar Energy Storage in Bosnia and Herzegovina





## Overview

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

Which sector produces res energy in Bosnia and Herzegovina?

Production of RES energy in Bosnia and Herzegovina is dominated by the heating and cooling sector, for which an increase from the baseline 867.2 ktoe to 1085.2 ktoe in 2020 was planned. In addition, the share of electric energy sector in production of RES energy in the planned period increases from the baseline 444.2 ktoe to 760.6 ktoe in 2020.

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. <sup>4</sup>

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. <sup>12</sup> The national average for kWh per kWp installed in Bosnia annually typically ranges from 1,400 to 1,600 kWh/kWp. <sup>3</sup>



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### [Renewables Readiness Assessment: Bosnia and Herzegovina](#)

This Renewables Readiness Assessment aims to support Bosnia and Herzegovina on its path towards integrating a higher share of renewable energy, and diversifying its national energy ...

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From backup power to bill savings, home energy storage can deliver various benefits for homeowners with and without solar systems. And while new battery brands and models are ...

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Bosnia and Herzegovina's renewable electricity generation soared 75% year-on-year in May 2025, driven by hydropower, wind, and solar. Get the latest Bosnia energy news ...

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6Wresearch actively monitors the Bosnia and Herzegovina Solar Energy and Battery Storage Market and publishes its comprehensive annual report, highlighting emerging trends, growth ...



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Bosnia and Herzegovina is sitting on a vast, underutilized solar energy resource, with around 400 megawatts (MW) of solar capacity currently harnessed. But, according to Edhem Bicakcic, President of the ...

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Bosnia and Herzegovina storage battery Bosnia and Herzegovina is a self-sufficient, net exporter of electricity. However, its energy sector relies mostly on fossil fuels, in addition to hydro and a ...

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## Investors in BiH developing 3,800 MW of wind, 12,500 MW of solar

Wind farms with a capacity of 3,800 MW and solar power plants with a capacity of 12,500 MW are currently in various stages of development in Bosnia and Herzegovina, ...

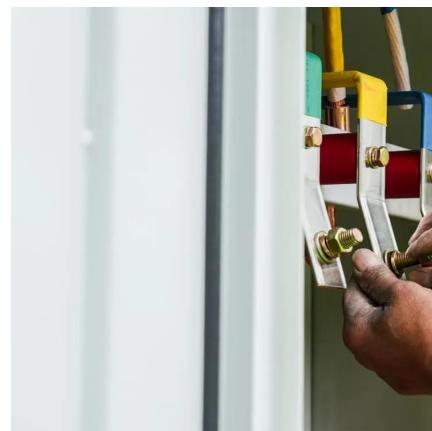
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Bosnia and Herzegovina's energy sector has endured significant loss due to the low energy efficiency standards in the past. This was the ...

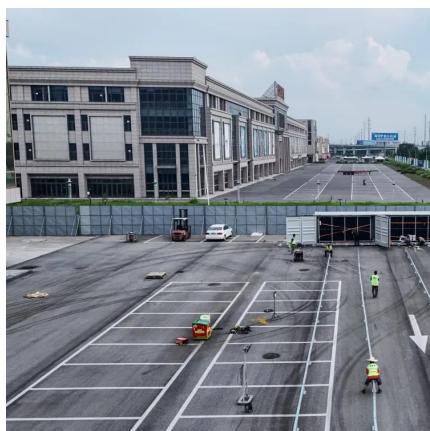
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