



# Bosnia and herzegovina increased renewable energy penetration

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The renewable energy share will see substantial growth, reaching 59% by 2030. Hydropower, in particular, will play a crucial role in the renewable power generation mix.

Renewables, beyond hydro - mainly solar and wind - supplied close to 7 % (solar 4 %, wind 3 %). Despite the weaker year, the country remained a power exporter. Solar capacity tripled in 2024, ...

In 2021, Bosnia and Herzegovina achieved a 36.6% share of renewable energy in its gross final energy consumption, in line with the general positive trend towards its renewable energy ...

The current review has shown that Bosnia and Herzegovina, compared to other Balkan countries, has significant potential for implementing renewable energy sources and meeting the ...

The adoption of a set of energy laws in the Federation of Bosnia and Herzegovina (FBiH) streamlines administrative procedures for the construction and operation of renewable energy facilities and ...

This review aims to provide an overview of Bosnia and Herzegovina's current and future renewable energy plans. It was established that the highest potential for energy production lies in hydropower ...

In May 2025, Bosnia and Herzegovina generated 1,064 gigawatt-hours (GWh) of electricity from renewable sources, a remarkable 75% increase ...

In the examinations made, it has been determined that Bosnia and Herzegovina's performance coefficient in wind energy potential is above 30% of the EU average. However, the country's ...

BiH has significant renewable energy potential, particularly in hydropower and wind power capacity. Hydropower provided 29 percent of the country's total electricity production in 2024 and ...



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It assesses the current state of renewable energy development in Bosnia and Herzegovina and identifies opportunities and challenges in increasing the use of renewable energy ...

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