

# Energy storage on the power generation side of Bosnia and Herzegovina EK





## Overview

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Is Bosnia and Herzegovina a net exporter of electricity?

Bosnia and Herzegovina (BiH), a country of around 3.5 million people, is currently a net exporter of electricity - the only one in the Western Balkans. More than half of its electricity generation capacity is made up of hydropower, while the remainder is made up of five lignite power plants.

Who invests in the energy sector in Bosnia and Herzegovina?

The authorities in Bosnia and Herzegovina do not show significant interest in the growth of this energy sector, therefore the investments so far are mostly from the European Union (EU) or individuals. However, this is not the case only in Bosnia and Herzegovina but also in other countries of the region.

What are the sources of energy production in Bosnia & Herzegovina?

As shown, most of the electricity produced in both entities comes from the coal and lignite industry (62.30%) followed by hydropower (35.03%) and wind power (2.04%) . Fig. 1. Distribution of sources for energy production in Bosnia and Herzegovina in 2022 [8, 9].

Should Bosnia and Herzegovina use more energy?

Bosnia and Herzegovina could do a lot more to use energy efficiently. Electricity prices are kept artificially low and there is therefore limited incentive to make savings. The country is almost four times as energy-intensive as the average in EU countries and has the highest energy intensity in the Western Balkans.



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Bosnia and Herzegovina has enormous potential for the generation of energy from hydropower, wind power, biomass and solar power, which is far from being fully tapped. The country is thus ...



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Avoided emissions from renewable power is calculated as renewable generation divided by fossil fuel generation multiplied by reported emissions from the power sector.

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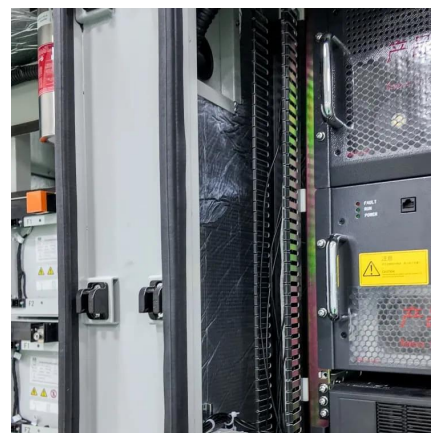
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The strategy for the development of the power generation mix in Bosnia and Herzegovina should be properly positioned within the key strategic goals of the energy trilemma, i.e. security of ...



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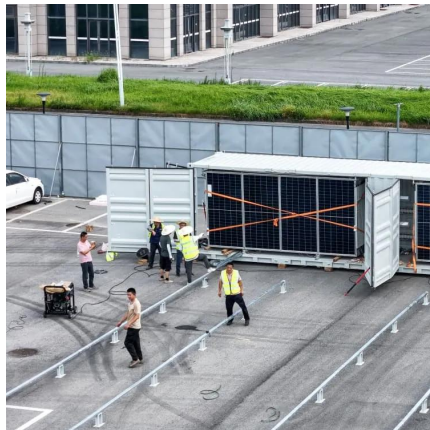
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The energy sector in Bosnia and Herzegovina involves various key actors responsible for the generation, transmission, distribution, and regulation of energy. These key actors work ...



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