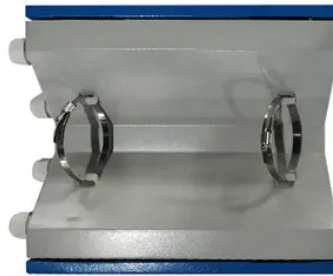




Bosnia and herzegovina electricity generation



Overview

As of the end of 2024 the country had around 2,129 MW net installed hydropower capacity larger than 10 MW, 1,965 MW of lignite, 169 MW of small hydropower, 219 MW wind power, 608 MW solar and 93 MW of industrial power generation. Generation levels hover around two-thirds coal to. In 2024, Bosnia & Herzegovina's electricity consumption is characterized by a more than half reliance on fossil energy, with coal contributing entirely to this segment at approximately 61%. Nevertheless, the country shows a substantial commitment to low-carbon energy, supplying almost 40% of its. Electricity can be generated in two main ways: by harnessing the heat from burning fuels or nuclear reactions in the form of steam (thermal power) or by capturing the energy of natural forces such as the sun, wind or moving water. It's useful to look at differences in energy consumption per capita. Electric power is primarily generated in coal-fired thermal and large-scale hydro power plants, and the country is a net exporter of electrical energy. The generating capacity is about 17,000 GWh. This stability can largely be attributed to the increased contribution from new wind and solar energy capacities, which have. Gross Electricity Production data was reported at 1,336. 000 GWh from Jan 2017 (Median) to Nov 2025, with 107 observations.



Article Content

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Bosnia & Herzegovina's electricity mix includes 61% Coal, 35% Hydropower and 3% Wind. Low-carbon generation peaked in 2023.

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In 2025, Bosnia and Herzegovina maintained its electricity generation levels at 14.4 TWh, despite a notable decline in output from both coal-fired and hydropower plants.

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