

Photovoltaic and power storage in Bosnia and Herzegovina

Can solar power plants be used in Bosnia & Herzegovina?

From all Balkan countries, it was found that Bosnia and Herzegovina has one of the largest potentials for the implementation of solar power plants. It was estimated that energy produced from solar power plants could be 70.5 × 10⁶ GWh/year and the most suitable area is Herzegovina.

How many biogas power plants are there in Bosnia & Herzegovina?

Currently, there are 2 biogas power plants in Bosnia and Herzegovina, one in Banja Luka and the other in Lower Zabar near Brcko District. However, these are very small plants, with insufficient power and an impact on savings.

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].

Is Bosnia and Herzegovina a good place to invest in geothermal energy?

Bosnia and Herzegovina has a great potential for this energy sector, primarily due to its geographical location and great wealth of underground thermal springs. Geothermal resources of Bosnia and Herzegovina include hydrothermal systems, geo-processed zones and hot dry rocks.

What is the photovoltaic power potential of B&H?

The photovoltaic power potential of B&H is given in Fig. 8. According to literature data and a large number of analyses, it was found that B&H has a great perspective for the implementation of solar power plants (solar energy) which counts for 70.5 × 10⁶ GWh of irradiated energy per year.

It is the biggest photovoltaic facility in the making in official procedure in Bosnia and Herzegovina. The documentation in the Ministry of Environment and Tourism of the Federation of Bosnia ...

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