

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 &#215; 10<sup>6</sup> 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 Brčko District. However, these are very small plants, with insufficient power and an impact on savings.

How many hydropower plants are there in Bosnia and Herzegovina?

There are 390 planned hydropower plants and 35 are under construction. It is evaluated that hydropower plants could provide 9,000 GWh of maximum generated energy. Future development of HPPs and the construction of new dams in Bosnia and Herzegovina should consider Strategic Environmental Assessments and effects on rivers' biodiversity.

What is the potential for bioenergy in Bosnia & Herzegovina?

Concerning bioenergy, the greatest potential lies in wood residues, since forests are one of the main natural resources of Bosnia and Herzegovina. There are currently two biogas power plants, but there is no available data about biofuel and other biowaste utilization.

Is Bosnia and Herzegovina a good country for solar energy?

With around 60% of the land area, Bosnia and Herzegovina could have between 1.2 and 1.4 MWh/kWp of photovoltaic capacity compared to the world's solar potential. Compared to B&H and other Balkan countries, Serbia has a great potential for the implementation of solar energy.

Does Bosnia and Herzegovina have a potential for geothermal energy?

Immense potential also lies in Bosnia and Herzegovina's geothermal energy, however without significant interest of authorities in the development due to initial investments in geothermal heating, which are significantly higher compared to other conventional heating systems.

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MW, or more than all other Energy Community contracting parties combined. The Independent System ...

During the previous period, companies in Bosnia and Herzegovina have shown the greatest interest in generating electricity from renewable sources - particularly in the installation of solar power plants, enabling a reduction in the carbon footprint of production facilities and products.

Currently there are seven virtual power plants in the country, aggregating facilities with a total capacity of 120 MW, or more than all other Energy Community contracting parties combined. The Independent System Operator in Bosnia and Herzegovina (NOSBiH) foresees an increase to 250 MW by the end of the year.

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This chapter presents key policy priorities to ensure a green recovery for Bosnia and Herzegovina through the energy transition. A significant reduction in greenhouse gas emissions and air pollution requires the elimination of very high subsidies for coal-fired power and the development of a comprehensive strategy.

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With a new EUR40.1 million financing package, the country's largest public electricity generation and distribution utility, Elektroprivreda Bosne i Hercegovine, is set to transform a former coal ash landfill into a state-of-the-art solar power plant, a significant move in the nation's quest for sustainable energy.



# Green power distribution Bosnia and Herzegovina

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