

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.

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 much electricity does Bosnia and Herzegovina have?

Statistics of the International Energy Agency indicate that more than half of Bosnia and Herzegovina's electricity generation capacity is made up of hydropower, while the remainder comes from lignite power plants. As of 2020, Bosnia and Herzegovina had about 87 MW of wind power and 35 MW of solar power installed.

Is Bosnia and Herzegovina a member of the Energy Community?

As a member of the Energy Community, Bosnia and Herzegovina is obliged to align its legislation with the European Union's (EU's) environmental and energy acquis communautaire approved under the Energy Community Treaty.

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.

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.

Solar energy is a promising sector in Bosnia and Herzegovina, with huge untapped potential. While the sector faces numerous challenges, the recent regulatory improvements coupled with the country's abundant sunlight ...

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DECARBONIZATION PROCESS IN BOSNIA AND HERZEGOVINA | 2022

- oReduce and phase out coal subsidies
- oActively participate in the initiative of the Mining Region in Transition for the Western Balkans
- oEnergy poverty and financing schemes for household reconstruction

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Scaling-up Solar PV in Bosnia and Herzegovina October 2020

1. Introduction Bosnia and Herzegovina has applied for membership of the EU. Once the country joins the EU it will need to adopt the EU Climate Acquis in its entirety, which will result in significant changes in incentives in the power sector.

Renewable Energy Action Plan of Bosnia and Herzegovina (NREAP BiH) is an obligation resulting from the international obligation assumed by Bosnia and Herzegovina in 2006, when it enacted the DECISION ON RATIFICATION OF THE TREATY ESTABLISHING ENERGY COMMUNITY (Official Gazette of

Over the next three to four years, Bosnia and Herzegovina is set to significantly boost its renewable energy capacity, with plans to install solar power plants totaling 1,500 MW and wind farms adding 700 MW.

Solar energy is a promising sector in Bosnia and Herzegovina, with huge untapped potential. While the sector faces numerous challenges, the recent regulatory improvements coupled with the country's abundant sunlight resources create a favorable environment for investment.



# Solar cogeneration Bosnia and Herzegovina

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