

SolarTech Power Solutions

Bosnia and Herzegovina joins solar panel manufacturers



Overview

An investor eyeing Bosnia and Herzegovina for a new solar module factory sees a compelling business case: a strategic position in Southeast Europe, access to skilled labor, and growing government support for renewable energy. Yet, initial site visits and discussions reveal an unexpected complexity. Is Bosnia and Herzegovina primed for 'huge' solar development?

Bosnia and Herzegovina's southern region is primed for "huge" utility-scale solar development, Assistant Professor Farooq Sher tells pv magazine. He came to this recent conclusion after two years of researching the Balkan country's current renewable energy capacity and potential.

Is Bosnia and Herzegovina a good place for solar energy?

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How much solar energy does Bosnia have?

The average intensity of solar radiation in Bosnia is approximately 1,500 kWh/m² annually. ¹² The national average for kWh per kWp installed in Bosnia annually typically ranges from 1,400 to 1,600 kWh/kWp. ³ According to the data from December 2023, the average price of electricity for households in Bosnia and Herzegovina is \$0.096 per kWh.

Does Bosnia & Herzegovina have a 'underdeveloped' PV potential?

The report found that despite the country's energy security and independence, it is weighed down by "air pollution and health impacts" from combustion of fossil fuels and wood. The report also recognizes Bosnia and Herzegovina's "underdeveloped" PV potential.

Will Bosnia & Herzegovina seize 'untouched' development opportunity based

on coal?

Farooq Sher, associate professor at Nottingham Trent University, told pv magazine that the southern region of Bosnia and Herzegovina is perfect for large-scale solar rollout. But it is difficult to tell whether the Balkan country will seize the “untouched” development opportunity due to its heavy reliance on coal, he said.

How much does electricity cost in Bosnia and Herzegovina?

According to the data from December 2023, the average price of electricity for households in Bosnia and Herzegovina is \$0.096 per kWh. This includes all components of the electricity bill such as the cost of power, distribution and taxes. For businesses, the average electricity price in Bosnia and Herzegovina is \$0.109 per kWh. 4

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