

# Kosovo home solar power plant

Does Kosovo have solar power?

Kosovo has the potential of capturing solar energy directly and converting it to electricity. The region of highest solar potential based on global horizontal irradiation is the southeastern part of Kosovo, centred around the city of Gjakova. Solar power is already used on the roofs of some buildings.

What is the New Kosovo power plant?

The New Kosovo power plant is part of the government's plans to reform Kosovo's energy sector. Other plans include closing Kosovo A power station by 2017, rehabilitating Kosovo B power station to meet EU standards, and privatizing the country's electricity distribution system. Plans for New Kosovo also include a lignite coal mine, the Sibovc SW.

How can Kosovo improve its energy sector?

The Group's commitment to helping Kosovo improve its energy sector is broad: projects are designed to improve energy efficiency, ease the policy and regulatory environment for renewable energy and energy efficiency, address the environmental legacy of the old power plants, upgrade power generation to meet demand, and improve water supply.

Will Kosovo use solar energy for district heating?

In late December 2022, Kosovo became the first country in the Western Balkans Economy to use solar energy for district heating. Kosovo's Minister of Finance, Labour and Transfers, Hekuran Murati, said the project would ensure access to the central heating system for about 38,000 citizens.

How did Kosovo get its own energy system?

Kosovo was part of the Regional Energy Community and was connected with the regional system through interconnections with Serbia, North Macedonia, Montenegro and Albania. KOSTT made an agreement with ENTSO-Eso Kosovo gets his own independent region of energy administration. Kosovo gets full independence and control of its energy industry.

Why does Kosovo need a power plant?

The Government of Kosovo has recognized the need for additional power plant capacity to meet the long-term security-of-supply concerns present in Kosovo and provide the country's necessary baseload electricity. As part of this strategy, the Kosovo e Re Power Plant will replace the current outdated units of the Kosovo A Power Plant.

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The solar power plant will help save more than 130,000 tonnes of carbon dioxide emissions annually. In total, 152 GWh of green electricity will be produced annually, benefiting Kosovo households, public institutions and companies.

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Kosovo is taking a significant step towards a sustainable future with the upcoming construction of one of its largest solar power plants. The European Investment Bank (EIB) is leading the charge with a EUR33 million investment, a part of a comprehensive financial plan to support the project.

The Transmission, System and Market Operator (KOSTT) of Kosovo\* said its Chief Executive Officer Mustafë Hasani signed an agreement for a solar park in Peja-Pec that is expected to start production in 2023.

To support the green transition in Kosovo\*, one of its largest solar photovoltaic plants will be constructed on former ash dump fields near Pristina with a capacity of up to 100 MW. The electricity sector in Kosovo is almost entirely dependent on coal-fired power plants.

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The electricity sector in Kosovo\* is almost entirely dependent on coal-fired power plants (97%). This investment project will install a solar photovoltaic plant of up to 100 MW capacity on former ash dump fields near Kosovo A thermal power plant.

The consortium led by Switzerland-based construction company Orllati was selected in early April to build and operate a solar park of up to 105 MW in connection capacity for 30 years, including a 15-year contract for difference (CfD). The group won the first renewable electricity auction in Kosovo\* with a bid of EUR 48.88 per MWh.

To support the green transition in Kosovo\*, the European Investment Bank (EIB) has signed a EUR33 million investment loan for the construction one of its largest solar photovoltaic plants near Pristina - with a capacity of up to 100 MWac (120MWp).



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