## SOLAR PRO.

### **Energy grid service Montenegro**

Where is electricity produced in Montenegro?

The majority of electricity in Montenegro is primarily produced at the Pljevlja coal-fired Thermal Power Plant and the Perucica and Piva Hydropower Plants\. The core activities of the majority state-owned Electrical Power Company of Montenegro (EPCG) are electricity generation, transmission, distribution, and supply.

Does Montenegro have a national energy and CLI-mate plan?

Montenegro is still finalizing its draft National Energy and Cli-mate Plan (NECP). Montenegro has not defined the 2030 climate target in its na-tional legislation, nor in the draft NECP. It should align with the 2030 targets set by the Energy Community. There is a legal basis for the national inventory system.

Does Montenegro have an energy efficient home?

In 2023, the project Energy Efficient Home continued to support households to purchase heat pumps with interest-free loans. Montenegro is still finalizing its draft NECP, which must harmo-nize the 2030 energy efficiency targets with the 2030 targets set by the Energy Community.

Does Montenegro have hydro power plants?

Montenegro has the potential to develop additional hydro power plantsgiven its abundance of rivers and streams, as mentioned in the Agreement of the Electro-Energetic Community for Southeastern Europe signed on January 1,2015. The country's energy market was opened to competitors.

Which energy projects have been subjected to an EIA in Montenegro?

Montenegro has not provided a list of energy projects that underwent screening and were subjected to an EIA. The de-velopment of the EIA, which should include an appropriate as-sessment for the Komarnica hydropower project, located within a candidate Emerald Site and the Dragisnica and Komarnica Nature Park, was delayed.

Does Montenegro have a gas distribution network?

Montenegro currently does not have a gas distribution network. The Minister of Economy announced the government's intention to begin importing U.S. liquefied natural gas (LNG) via the Port of Bar in March 2020.

The project will enable the integration of 400MW of renewable energy into the national grid, helping the country to decarbonise its economy. Moreover, it will reduce transmission losses by 13GWh/year and secure a safe and reliable electricity supply in Montenegro as well as in the region by further strengthening the Trans-Balkan corridor which ...

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The Energy Development Strategy of Montenegro sets out objectives and defines mechanisms for the transition from the current energy system to a safe, competitive and environmentally acceptable energy paradigm by 2025. It also provides guidelines for

The grant aims to modernize the country"s electricity infrastructure and facilitate the integration of renewable energy sources into the grid. The project will focus on upgrading and expanding the 225/110 kV Perucica substation and replacing two outdated transformers at the Pljevlja substation.

Electricity production in Montenegro for 2022 totaled 2,731 GWh, which is 13.6 percent less than in 2021. Most of the electricity in Montenegro is produced at the Pljevlja coal-fired Thermal Power Plant as well as the Perucica and Piva Hydropower Plants.

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Montenegro"s transmission system operator, CGES, has signed a crucial contract to connect an 87.5 MW solar power plant to the national grid, marking a significant step towards enhancing the country"s renewable energy production and reducing dependence on fossil fuels

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Montenegro is still finalizing its draft NECP, which must harmo - nize the 2030 energy efficiency targets with the 2030 targets set by the Energy Community. The December 2022 amend-ments to the Law on Efficient Use of Energy transposed the amendments to the Energy Efficiency Directive (EED), including

These substations are crucial for the stability of Montenegro"s national electricity grid, and the upgrades will enhance its capacity to support new renewable energy installations, while also reducing transmission losses. This initiative aligns with Montenegro"s commitment to achieving carbon neutrality by 2050.

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