

Moldova power bank off grid

What is the electricity system like in Moldova?

The electricity system in Moldova is characterised by its reliance on imports. In 2020, of its 4.4 TWh of electricity demand, 81% was supplied by imports, either from Ukraine (4%) or from the Cuciurgani-Moldavskaya GRES (MGRES) gas-fired power plant (77%) located in the breakaway region of Transnistria.

What is Moldova's energy policy?

Moldova's energy policy focuses on improving integration in regional markets, strengthening energy security, improving compliance with EU directives, increasing electricity generation capacity and promoting energy efficiency and renewable energy.

Does Moldova have a power grid?

Moldova's electricity grid was predominantly built in the time of the Soviet Union, making it relatively old and inefficient. It is synchronously interconnected with Ukraine's Integrated Power System (IPS) and, in turn, Russia's Unified Power System (UPS) in the northern and south-eastern parts of the grid.

Why do we need a strong electricity infrastructure in Moldova?

The well-developed electricity infrastructure will ensure that both people and businesses in Moldova continue to enjoy a reliable electrical power supply. We at the EIB, the EU climate bank, also know that it is vital to boost electricity grids in order to see the growth of renewable energy, which is key for successful climate action.

Does EIB global support the modernisation of Moldova's electricity distribution network?

EIB Vice-President Teresa Czerwinska, who is responsible for EIB Global's operations in Moldova, said: "We are pleased to support this timely and relevant modernisation of Moldova's electricity distribution network, which will boost the country's energy resilience."

How does Moldova share energy data?

Moldova shares energy data through five annual International Energy Agency (IEA)/Eurostat/UN Economic Commission for Europe (UNECE) joint questionnaires.

Off-grid power plant/unit: A power plant/unit that supplies electricity to specific consumers through a dedicated distribution network that is not used by any other power plants. For a power plant ...

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Alex Gospodinov, CEO of Moldovan energy recalls the history of Moldova's electricity sector and the potential of renewable energy for the country to take control of its electricity security.

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In 2021, MGRES generated 74% of right-bank Moldova's electricity supply. The remaining electricity came from production in right-bank Moldova (23%) and via imports from Ukraine. As domestic electricity is mostly produced by combined ...

The \$30 million in financing provided by EIB Global will help Moldova's Premier Energy Distribution improve the quality and reliability of the electrical power network. The financing aims at the modernisation, ...

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