



Moldova 2 6 billion wind power energy storage project





Overview

How much energy does Moldova have?

Moldova lacks domestic sources of fossil energy and must import substantial amounts of petroleum, coal, natural gas, and other energy resources. The primary energy supply in 2018 was about half natural gas, a quarter oil, and solid biomass at one-fifth.

What happened to Moldova's electricity supply in 2022?

In November 2022 the power station located in Transnistria which produced electricity from Russian gas ceased supplying Moldova with electricity. Electricity was imported from Romania, albeit at a higher cost, helped by a grant from the EU of €200m.

How can Moldova improve the energy sector?

National regulatory framework (both primary and secondary) improved in line with Moldovan energy commitments, ensuring that national authorities are better prepared and can respond to emergency situations in the energy sector and to the needs of the most vulnerable energy users;.

What is Moldova's energy plan?

The plan foresees a €43bn investment programme — equivalent to 2.5 times Moldova's GDP in 2024 but below the annual GDP projected for 2050 — to transform the national energy sector. The strategy aims to strengthen energy security, reduce greenhouse gas emissions and align Moldova with European sustainability standards.



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100% RES scenario to improve energy security of R. Moldova is analyzed. Economic simulations are used. The paper shows that only about 70% of the demand could be covered directly from ...

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Presentation

From July 2025, New process to calculate net transfer capacity at the borders of Ukraine and Moldova. In the context of import limitations there is an urgent need to develop an electricity ...

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MOLDOVA

The project includes provisions of a working capital ("WC") senior loan facility and a standby letter of credit ("SBLC") facility in a total amount of up to EUR 400 million. Both facilities will be ...

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Moldova's RES targets and ambitions

Joint Renewable Energy Projects - GD 253/2025
Enables implementation of cross-border RES projects - Includes wind, solar, hydro, storage, heating/cooling - Allows shared RES generation ...

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[Moldova unveils EUR43bn energy strategy to 2050 focused on](#)

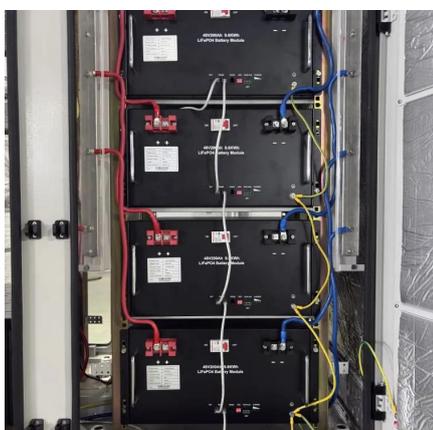
Wind power, with a planned capacity of 2.6 GW -- 12 times higher than today -- would account for roughly half of production, followed by solar energy and storage facilities. Gas-fired

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[Moldova s largest energy storage power station](#)

The power station, with a 300MW system, is claimed to be the largest compressed air energy storage power station in the world, with highest efficiency and lowest unit cost as well.

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Renewable Energy Infographics

As of 2023, the country has allocated 105 MW for wind energy and 60 MW for photovoltaic parks, aiming to increase the share of electric energy produced from renewables by 2030.

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Energy in Moldova



The primary energy supply in 2018 was about half natural gas, a quarter oil, and solid biomass at one-fifth. [11] Renewable energy has expanded rapidly, and Moldova is seeking to diversify its ...

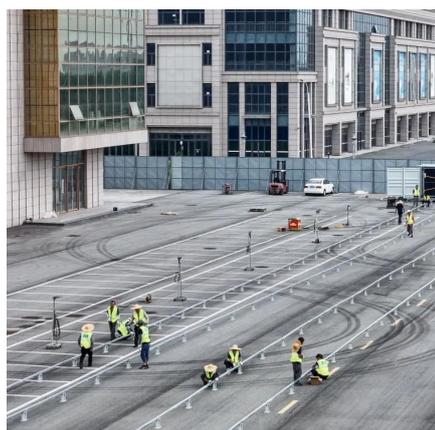
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