

Moldova energy storage investment



Overview

Moldova is launching its second auction round for onshore wind farms with a total capacity of up to 170 MW, requiring mandatory battery energy storage systems. Energy Minister Dorin Junghietu announced the initiative at an investors' conference in Chisinau. The United States Agency for International Development (USAID), through the Moldova. The US government has pledged to make a USD 85-million (EUR 78. Image by: Government of Moldova. The investment will be provided as part of a. The European Bank for Reconstruction and Development (EBRD) invested €508 million in 19 projects in Moldova in 2025, almost double the €280 million invested across 14 projects in 2024 and close to Moldova's all-time record of €525 million in 2022. EBRD investments in Moldova have accelerated since. The Republic of Moldova has taken another significant step toward strengthening its energy security by initiating the procurement of a state-of-the-art Battery Energy Storage System (BESS). Preparing for the 2nd annual Moldova. Moldova's Ministry of Energy is moving into the final drafting stage of its next renewable energy auction, following the close of public consultations in November.

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 **Efficient**
Higher Revenue

- Max. Efficiency 97.5%
- Max. PV Input Voltage 600V
- 150% Peak Output Power
- 2 MPPT Trackers, 150% DC Input Overvoltage
- Max. PV Input Current 16A, Compatible with High Power Modules

 **Intelligent**
Simple O&M

- IP65 Protection Degree: support outdoor installation
- Smart IV Curve Diagnosis Function: locate PV string faults accurately and automatically detect faults
- DC & AC Type II SPD: prevent lightning damage
- Battery Reverse Connection Protection

 **Flexible**
Abundant Configuration

- Plug & Play, EPS Switching Under 10ms
- Compatible with Lead acid and Lithium Batteries
- Max. 6 units Inverter Parallel
- AFCI Function (Optional): when an arc fault is detected the inverter immediately stops operation

Moldova Secures \$85M U.S. Grant for Cutting-Edge Energy Storage ...

Moldova will purchase a state-of-the-art Battery Energy Storage System (BESS) with a capacity of 75 MW and internal combustion engines (ICE) with a capacity of 22 MW to strengthen the ...

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The Tender for Procuring a Battery Energy Storage System (BESS) ...

The tender process, launched by USAID through the Moldova Energy Security Activity (MESA) in partnership with the Ministry of Energy, includes the acquisition of a 75 MW energy ...



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114KWh ESS





Moldova opens tender for renewable energy and storage, attracting

The Ministry of Energy launches a new tender aimed at major renewable energy producers, which includes, for the first time, the mandatory requirement to integrate battery storage ...

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Deep Dive: Moldova's Energy

Independence Driven by Renewables

Moldova's ambitious push to transform its energy landscape through renewable auctions, especially the innovative integration of wind power with battery energy storage systems, marks a ...

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Highvoltage Battery



EBRD investment in Moldova accelerates, rising to EUR508 million in 2025

The EBRD is also working closely with the authorities on reforms and EU alignment, including strengthening public utilities, advancing Moldova's first renewable energy auction, ...

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Moldova Wind and Storage Tender 2026: 170 MW Hybrid Auction ...

The upcoming Moldova wind and storage tender will support up to 170 MW of new onshore wind capacity combined with mandatory battery energy storage. Bid submission is expected in March ...

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US to invest EUR78.6 million in battery energy storage system in ...

The US will invest EUR78.6 million in a large-scale battery energy storage system in Moldova to enhance the

country's energy resilience.

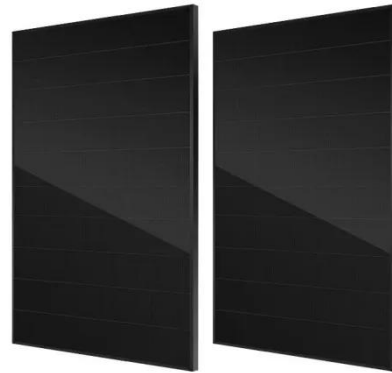
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Moldova launches auction for 170 MW wind farms with battery storage

Moldova is launching its second auction round for onshore wind farms with a total capacity of up to 170 MW, requiring mandatory battery energy storage systems. Energy Minister Dorin ...

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Moldova to install 75 MW energy storage system with USAID support

The Republic of Moldova will install a 75 MW energy storage system (BESS) and 22 MW internal combustion engines as part of a project funded by the U.S. Government through USAID. The ...

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Moldova to get USD 85m of US funds to add battery storage , Energy

The US government has pledged to make a USD 85-million (EUR 78.3m) investment into Moldova's energy

segment by supporting the deployment of large-scale battery energy storage ...

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