

SolarTech Power Solutions

Moldova s energy storage pipeline



Overview

Minister of Energy Victor Parlicov emphasized the pipeline's role in preventing energy blackmail and announced plans for a new Ungheni-Balti pipeline to connect with Ukrainian storage, reinforcing Moldova's integration into the regional vertical gas corridor and reducing its dependence on Russian energy. Does Moldova have energy security?

Despite acceptable energy security levels in Moldova in 2019, the country faces exposure to gas supply shock risks due to its reliance on Russia for all of its gas via Ukraine. Two major supply disruptions occurred in 2006 and 2009 due to disputes between the two countries.

Does Moldova have gas storage facilities?

Moldova currently does not have operational gas storage facilities. However, the government is considering two possible sites for geological storage in the Zagarancea-Mânzesti-Unghenii de Jos villages area and in the Cantemir district. No concrete decisions have been taken on these developments.

Will the Republic of Moldova rely on fossil fuels?

In this case, the Republic of Moldova will remain dependent on the import of fossil fuels, despite its vast renewable energy potential. In such case the vulnerabilities of the energy system of the Republic of Moldova are expected to continue over the long run.

What is the main source of energy in the Republic of Moldova?

In the reference scenario, natural gas, primarily imported from the Russian Federation, remains the main component of the Republic of Moldova's generation mix accounting for over 30% and followed by oil.

How important is Moldova's cross-border power system?

Geographically positioned between Romania and Ukraine, the cross-border power system of the Republic of Moldova is critical for regional energy

security and regional integration with the European and Moldova-Ukraine energy markets.

How has Moldova restructured its electricity distribution network?

As part of the reforms, Moldova restructured and partially privatized its electricity distribution network, including Premier Energy, a private company that controls 70 percent of the country's electric distribution grid.

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