



**M O L D E L E C T R I C A**

**ELECTRICITY INFRASTRUCTURE  
PROJECTS - 330 kV OHL Balti (MD) –  
Dnestrovsk HPP-2 (UA)**

**18 April 2024**

**Octavian Ciobirca,  
Company Policy Director**



### Proposed Project basic data:

1. Project has initially was discussed by the Parties in 2005.
2. The discussions on the initiating a common Project were continued in 2022
3. Total length of the line is approx. 130 km (approx. 90 km on the territory of Republic of Moldova and approx. 40 km on the territory of Ukraine)
4. It is intended to build a new single circuit OHL
5. The estimated increase of capacity between both countries is around 500 MW
6. The Project is to be included on the TYNDP of both operators in the next revision (for Moldelectrica the next revision will be this year)
7. The Project was included this year also on the list of Three Seas Projects



## High voltage transmission grid of Republic of Moldova



### Main components of the Project:

1. Construction of the 90 km of OHL 330 kV on the territory of Republic of Moldova
2. Extension of substation Balti-330 kV
3. Construction of the 40 km of OHL 330 kV on the territory of Ukraine
4. Extension of Dnestrovsk HPP 330 kV Substation



## **Investments costs and costs breakdown**

Component	Mil. Euro
<i>Construction of the OHL 330 kV on Republic of Moldova territory, approx. 90 km</i>	22
<i>Extension of Balti-330 kV substation</i>	4
<i>Construction of the OHL 330 kV on Ukraine territory, approx. 40 km</i>	10
<i>Extension of Denestrovsk HPP</i>	4
<b>Total Project Cost</b>	<b>40</b>



## Main outcomes from the Project:

1. Strengthening the electricity interconnection between Republic of Moldova and Ukraine. The project will contribute to electricity market development and security of supply of both countries.
2. Project will have a positive impact on increasing the NTC between both countries, opening the possibility to integrate more renewables in the area.
3. For Republic of Moldova the existing OHL 330 kV Balti-Dnestrovsk HPP is the only 330 kV line that is connecting directly the right bank of Republic of Moldova to the Ukraine power system, surrounding the transnistrian region, strengthening this interconnector will increase the reliability of supply of the right bank of Moldova
4. Considering the planned construction of OHL 400 kV Balti-Suceava, the second connection will strengthen the connection of Ukraine to the ENTSO-E CE.



Thank You