



STATE ENTERPRISE MOLDELECTRICA

**ELECTRICITY INFRASTRUCTURE
PROJECTS - 400 kV OHL Vulcanesti
(MD) - Issacea (RO) and new 400 kV
OHL Vulcanesti (MD) Chisinau (MD)**

Vienna, 11 December 2017

Octavian Ciobirca,
Senior Engineer of Electric Regimes Department

Main Vulcanesti-Isaccea Project components:

- Back to Back station in Vulcanesti (MD) 2x300 MW (inserted in the existing 400kV over head tie line Isaccea (RO)- Vulcanesti (MD));
 - OHL Vulcanesti-Chisinau 400kV will be build around 158km;
 - New 400kV switchyard at Substation Chisinau (MD) will be build;
 - The existing 330kV Substation Chisinau (MD) will be extended with 400/330/38,5kV transformer 630 MVA
- Main Vulcanesti-Isaccea Project technology used:
- Back to Back station in Vulcanesti 2x300 MW VSC technology;
 - OHL Vulcanesti-Chisinau 400kV double circuit towers with one circuit build.

Investments costs and costs breakdown

Component	Mil. Euro
<i>Vulcanesti Back to Back Substation</i>	180
<i>Vulcanesti- Chisinau 400kV OHL</i>	45
<i>Upgrade of Chisinau substation</i>	14
<i>Extension of Vulcanesti substation</i>	2
Total Project Cost	241

Current status of the Project:

1. The full feasibility status is expected to be finished by the end of December 2017
2. The ESIA for OHL 400 kV Vulcanesti-Chisinau is published, public consultations were conducted end of October 2017. It is expected to have the finale ESIA report mid of December 2017.
3. As of today the loan negotiations are made with EBRD, EIB and WB.

Thank You