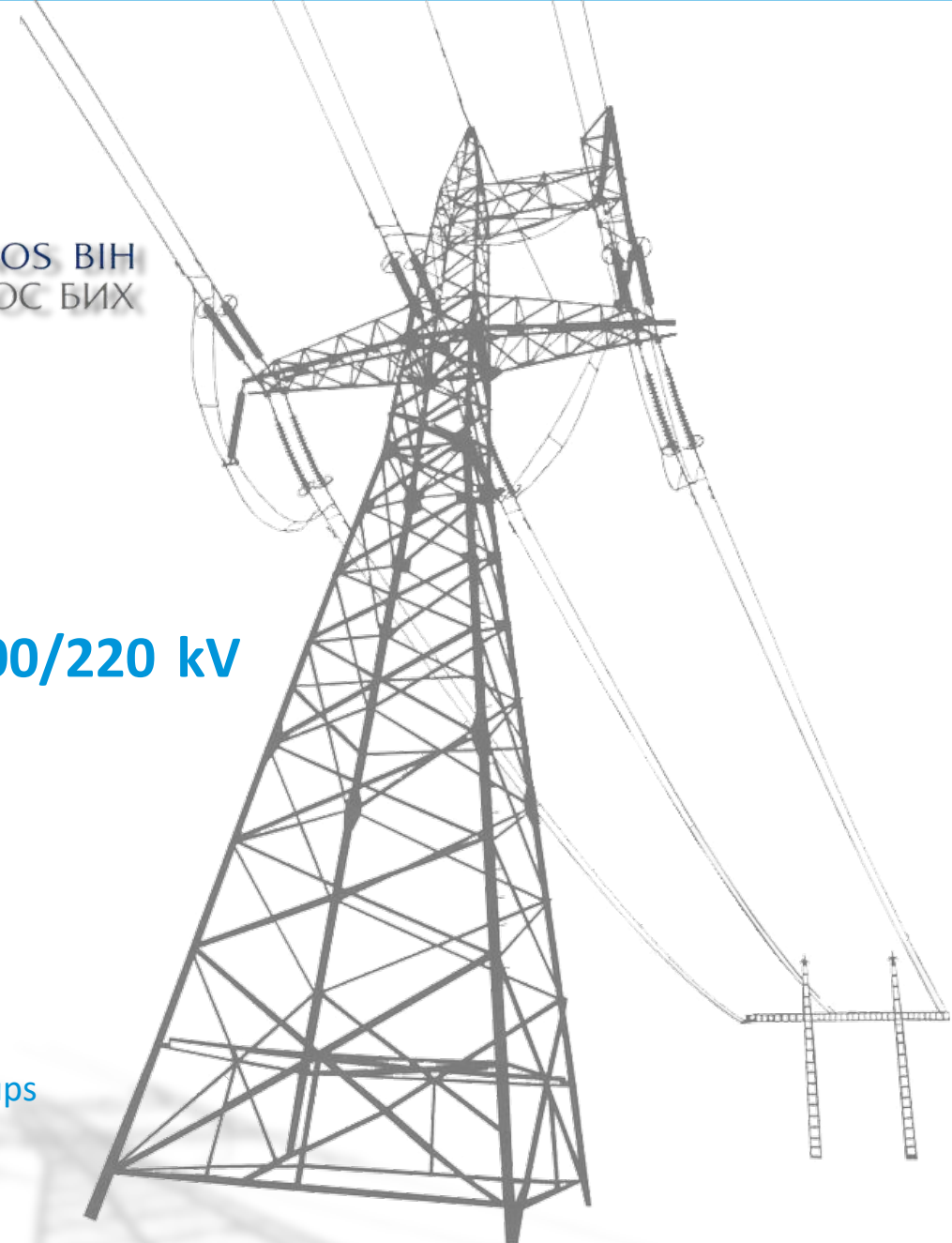




## 400kV OHL Brezna-Sarajevo 20 with constriction 400/220 kV SS Piva's mountain

Nominated project – overhead electricity line

TEN-E (PECI) Groups meeting – 2nd joint meeting of the “Electricity” and “Gases” Groups  
12/02/2026





## Description of the project

- ✓ The new 400 kV interconnection between Montenegro and Bosnia and Herzegovina
- ✓ Connect 400/110/35 kV SS Brezna in ME with 400/220/110/x SS Sarajevo 20 in B&H with construction new SS 400/220 kV Piva's mountain

The project estimate two phase of construction:

- ✓ Phase I
  - ✓ construction of 400/220 kV SS Piva's mountain
  - ✓ construction of a new 400 kV OHL from SS Piva's mountain to the location of Buk Bijela (BiH), from which the existing line 2x490/65 mm<sup>2</sup> continues to SS Sarajevo 20 and
  - ✓ connecting HPP Piva with SS Piva's mountain transmission line of higher capacity.
- ✓ Phase II - construction of 400 kV OHL Brezna - 400/220 kV SS Piva's mountain

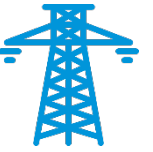


## The project promoter

- ✓ Montenegrin Transmission System Operator, CGES
- ✓ Elektroprenos - Elektroprijenos BiH, a.d. Banja Luka
- ✓ Nezavisni operator sistema u BiH, NOS BiH

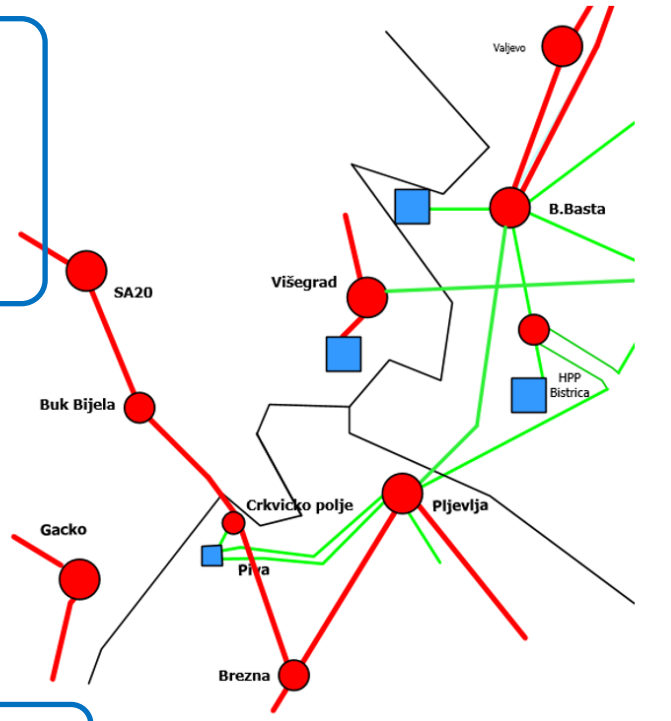
## Expected benefits

- ✓ Connection of renewable energy sources
- ✓ Reduction of losses
- ✓ Increasing The Net Transfer Capacity (NTC), eliminate congestion
- ✓ Security of supply and market integration
- ✓ Security of MONITA (II pole)



Lenght – 67.2 km

- ME 54.5 km
- BA 12.7 km

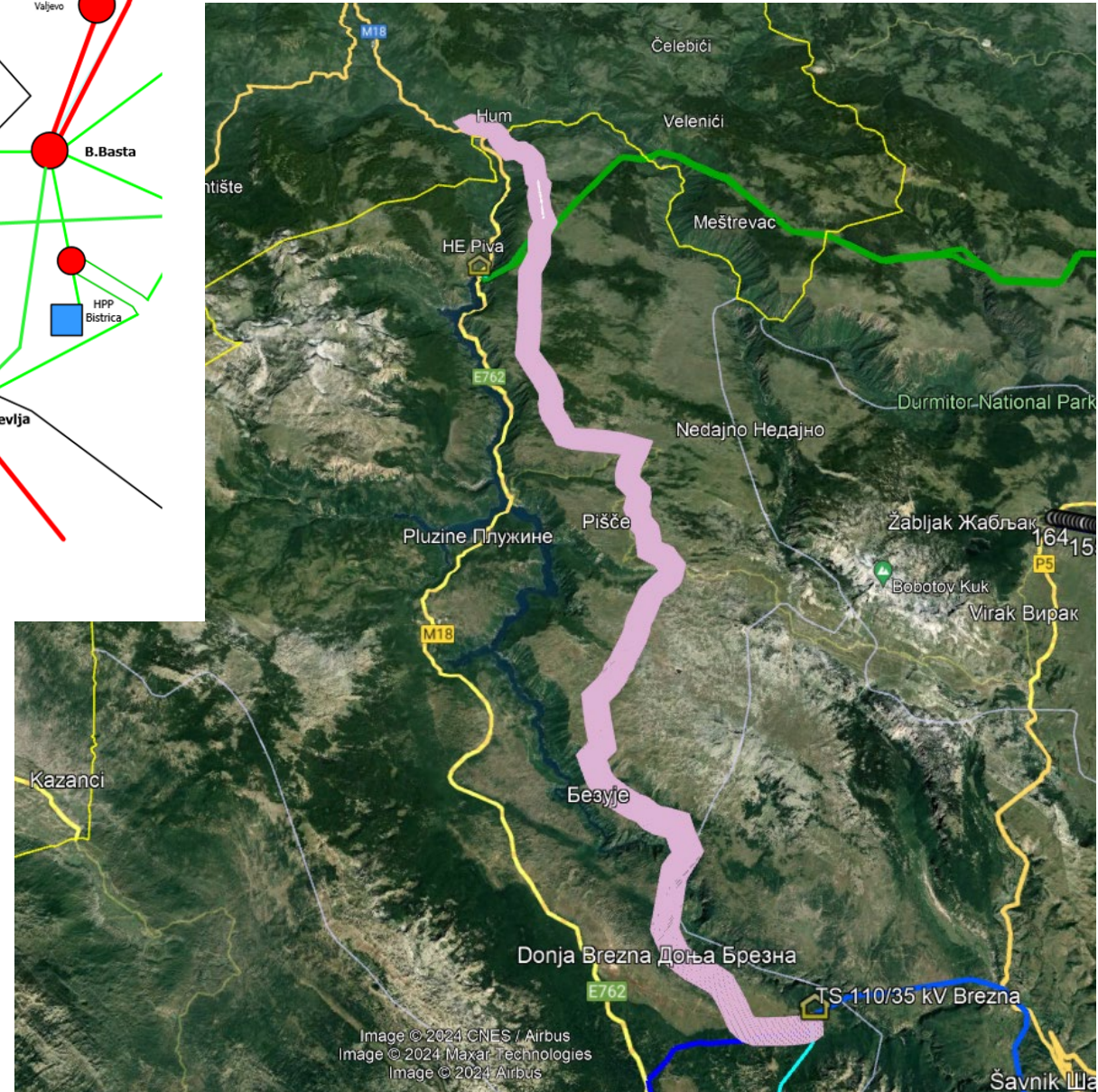


New SS Piva's mountain

- 400/220 kv

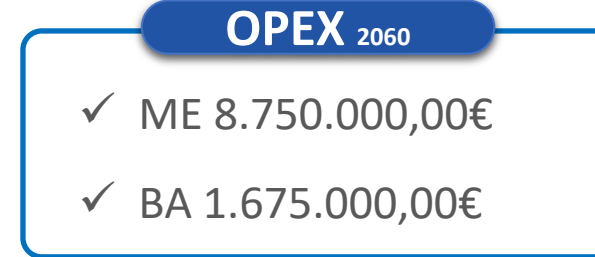
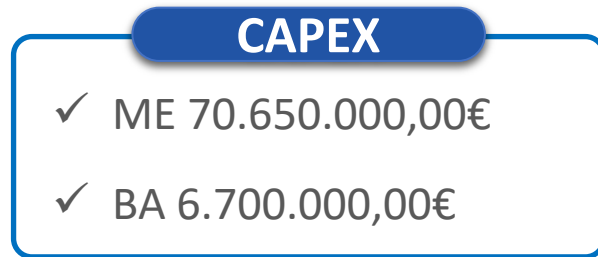
NTC – increasing

- ME – BA – 690 MW
- BA – ME – 340 MW

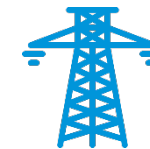




- ✓ Realisation of the project is planned during the period 2025 – 2032.



- ✓ Project already granted: TA, WBIF – EBRD 1.806.000,00€, Feasibility Study and ESIA
- ✓ The construction of a new 400 kV interconnection would enable the connection of the new HPP Kruševo to the transmission system and upgrade the connection to HPP Piva from 220 kV to 400 kV, contributing to a better placement of electrical energy from HPP Piva. Furthermore, it will be possible to connect other RES from solar and wind energy in this region.
- ✓ The project depending on the realisation of:
  - ✓ upgrade of existing 110/35 kV SS "Brezna,, to 400/110 kV SS "Brezna in Montenegro
  - ✓ Upgrade of the existing 220 kV OHL from “Buk Bijela” SS to BiH border with ME to 400 kV with a total length of 12.7 km, Bosnia and Hercegovina



**Thank you!**

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