

ELEKTROPRIJENOS BIH
ЕЛЕКТРОПРЕНОС БИХ

Internal line 400 kV Banja Luka 6 – Mostar 4

April 18, 2024

General and technical data

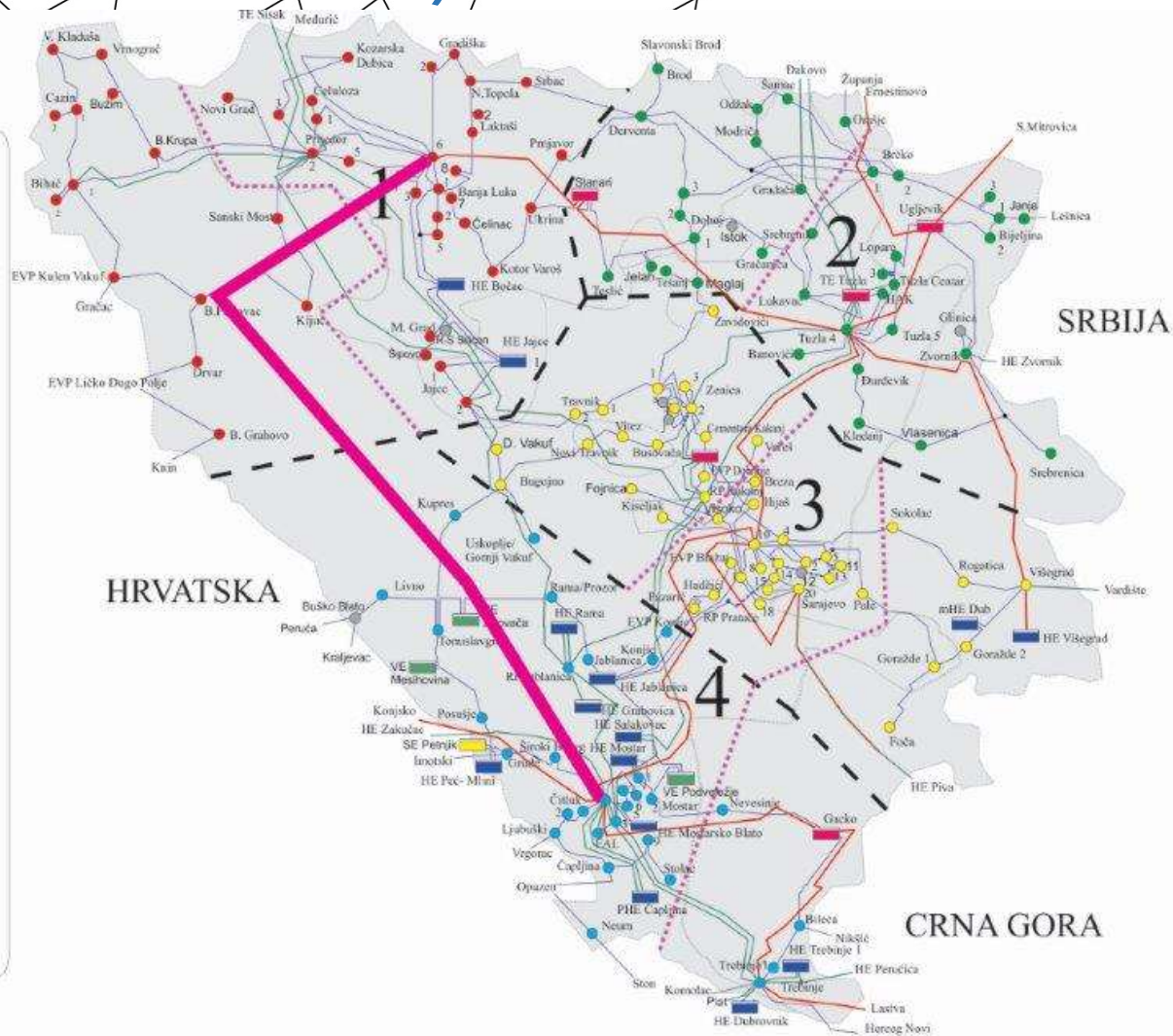
- Promoters:
 - "Elektroprijenos-Elektroprenos" BiH a.d. Banja Luka
 - Nezavisni operator sistema u BiH – Independent system operator in B&H
- New 400 kV internal transmission line.
- Project is not in ENTSO-E TYNDP 2022.
- Project is in National Network Development Plan of Elektroprenos – Elektroprenos BiH as proposal.

Geographic position – West, South–West and South BA



Legend:
Legenda:

- TL (transmission line) 400 kV
DV 400 kV
- TL 400 kV - Under 220 kV voltage
DV 400 kV - Pod naponom 220 kV
- TL 220 kV
DV 220 kV
- TL 110 kV
DV 110 kV
- 110 kV Cable
110 kV Kabl
- TL 110 (MV) kV
DV 110 (SN) kV
- Hydro power plants
Hidroelektrane
- Thermal power plants
Termoelektrane
- Wind Power Plants
Vjetroelektrane
- Solar Power Plants
Solarno elektrane
- Hard connection
čvrsta veza
- Substation
Trafostanica
- Operativno područje Banja Luka
- Operativno područje Tuzla
- Operativno područje Sarajevo
- Operativno područje Mostar
- TS VN/x koja nije u vlasništvu Elektroprivredosa
- Granica operativnih područja
- Granica terenskih jedinica



KARTA ELEKTROENERGETSKOG SISTEMA BiH
2023. GODINA

ELECTRIC POWER FACILITIES OF BIH
2023

General and technical data

- Total length is about 230 km.
- Enabling and supporting integration of a large number of RES, enabling the transfer of energy through EES BiH and avoiding possible congestion in the transmission network of EES BiH, further development and integration of the market.
- Increasing NTC between BA and neighboring countries through existing network (interconnecting lines) and enabling and supporting RES integration in that region.
- Also, together with other projects of the new interconnectors construction towards ME and RS, the project enables the evacuation of significant production from RES located in the area of the new line and can be observed and analyzed as part of the overall project that supports the integration of RES in the region.
- Connecting west and south regions of the BA that have the best conditions for further development of the RES, enabling the energy transfer to the south and north with fulfill (n-1) criteria for SS Banja Luka 6.

Cost and Status data

- Total costs are **164 mil. EUR**
(transmission line together with two new substations 400/110 kV)
- Realisation is planned during the period 2028 – 2034
- Status of the project: under consideration.