



ELEKTROPRIJENOS BiH
ЕЛЕКТРОПРЕНОС БИХ

Interconnector 400 kV Gacko (BA) – Brezna (ME)

PECI 2026, February 12, 2026

General and technical data

- Promoters:
 - "Elektroprijenos-Elektroprenos" BiH a.d. Banja Luka
 - Neza visni operator sistema u BiH – Independent system operator in B&H
 - Joint Stock Company – Montenegrin Transmission System Operator
 - Ministry of Energy and Mining Montenegro
- New 400 kV interconnection between Bosnia and Herzegovina and Montenegro will connect SS Gacko (BA) with SS Brezna (ME).
- Project is in ENTSO-E TYNDP 2022/2024 as a conceptual project.
- Project is in National Network Development Plan of Elektroprenos – Elektroprenos BiH as proposal.

Geographic position - South-East BA, West ME



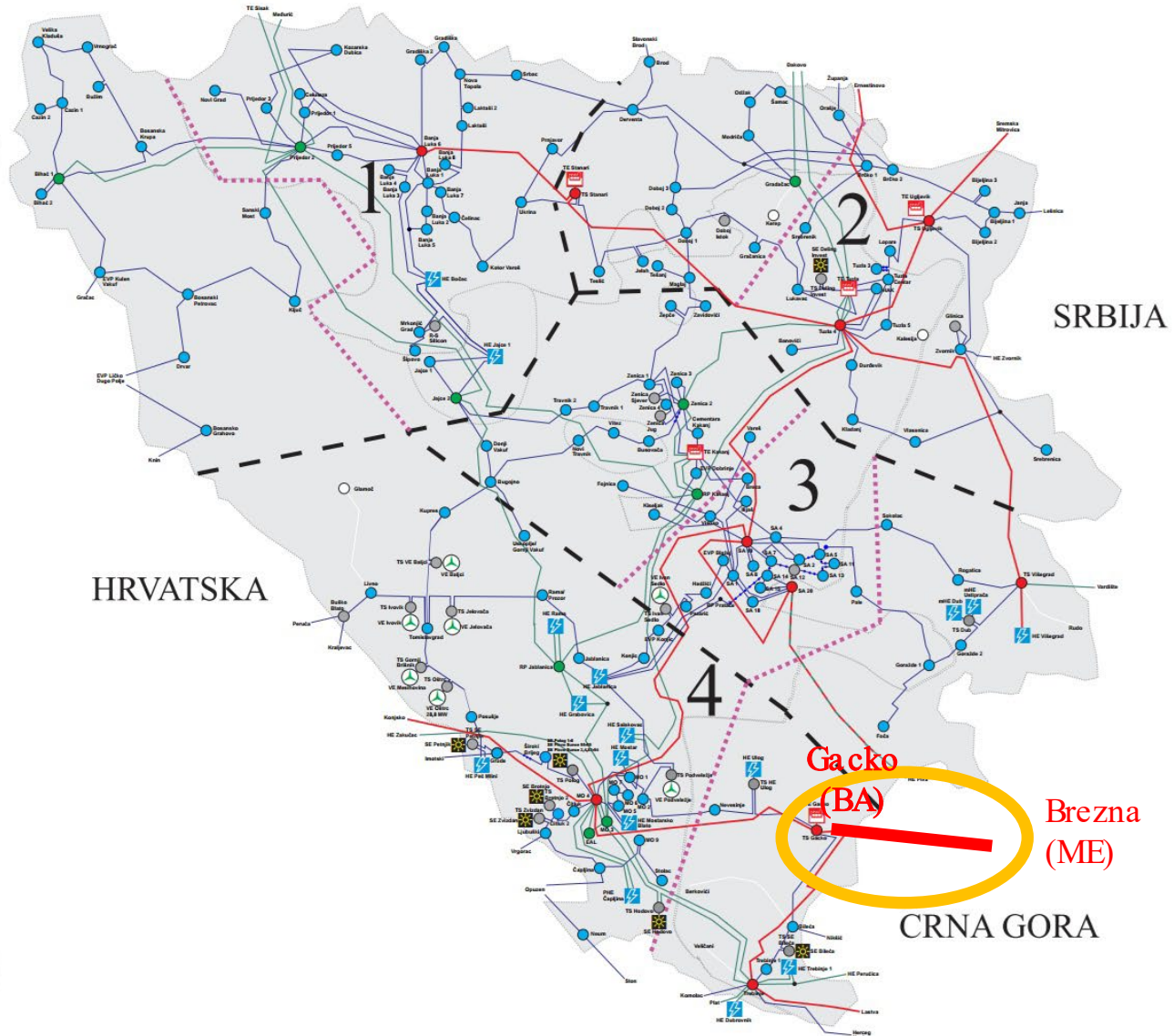
Legend:
Legenda:

- OPGW 24 SMF
- OPGW 48 SMF
- OPGW 24 SMF+24 NZDSF
- OPGW 96 SMF
- 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 (35) kV
DV 110 (35) kV
- Hydro power plants
Hidroelektrane
- Thermal power plants
Termoelektrane
- Wind Power Plants
Vjetroelektrane
- Solar Power Plants
Solarne elektrane
- Hard connection
čvrsta veza
- Substation
Trafostanica

1 OP Banja Luka ● TS 400/x kV
2 OP Tuzla ● TS 220/x kV
3 OP Sarajevo ● TS 110/x kV
4 OP Mostar ○ TS 35/x kV

● TS VN/x koja nije u vlasništvu Elektroprivredosa

— Granica operativnih područja
- - - Granica terenskih jedinica



KARTA ELEKTROENERGETSKOG SISTEMA BiH
2026. GODINA

ELECTRIC POWER FACILITIES OF BiH
2026

General and technical data

- Total length about 51 km. Length in BA is 18 km and in ME is 33 km.
- Enabling and supporting integration of large number of RES in BA (region of East Herzegovina) and ME (west region),
- Enabling the transfer of energy from BA to ME and avoiding existing congestions between BA and ME,
- Further development and integration of the market and security of supply, delivering long-term socio-economic and environmental benefits.
- Increase NTC: **BA to ME for 1.650 MW, and ME to BA for 550 MW**
- Reduction of losses about 5 GWh (-4%) in ME and 6,4 GWh (-1.5%) in BA.

Cost and Status data

- Estimated CAPEX: **30 mil. EUR**
 - BA **10,5 mil. EUR**
 - ME **19,5 mil. EUR**
- Estimated OPEX (2060): **3,49 mil. EUR**
 - BA **1,31 mil. EUR**
 - ME **2,18 mil. EUR**
- Realisation is planned during the period 2030 – 2035
- Also, it is necessary to upgrade SS 400/110 kV "Brezna", located in 110/35 kV SS "Brezna", Brezna, municipality Plužine, Montenegro.
- Status of the project: under consideration.

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Thank you for attention