



## **KOSTT PROJECTS- Peci 2026**

- Reconfiguration of 400 kV grid and new 400 kV interconnection Albania-Kosovo and**
- 400 kV interconnection corridor East – West, Western section**

The Energy Community Secretariat

Vienna

12 February 2026

# PROJECT: Reconfiguration of 400 kV grid and new 400 kV interconnection Albania-Kosovo

New 400 kV line SS Peja 3-SG Gjakova 3 (35.5 km)

New SG Gjakova 3, 400 kV

New 400 kV line SS Prizren 4 -SG Gjakova 3 (31.5 km)

Upgrade to 400/220/110 kV SS Prizren 4 (TR 300 MVA, 400/110 kV)

New 400 kV interconnection line line SS PRIZREN 4 –SS FIERZA (AL) 70 km (45 km in Kosovo)

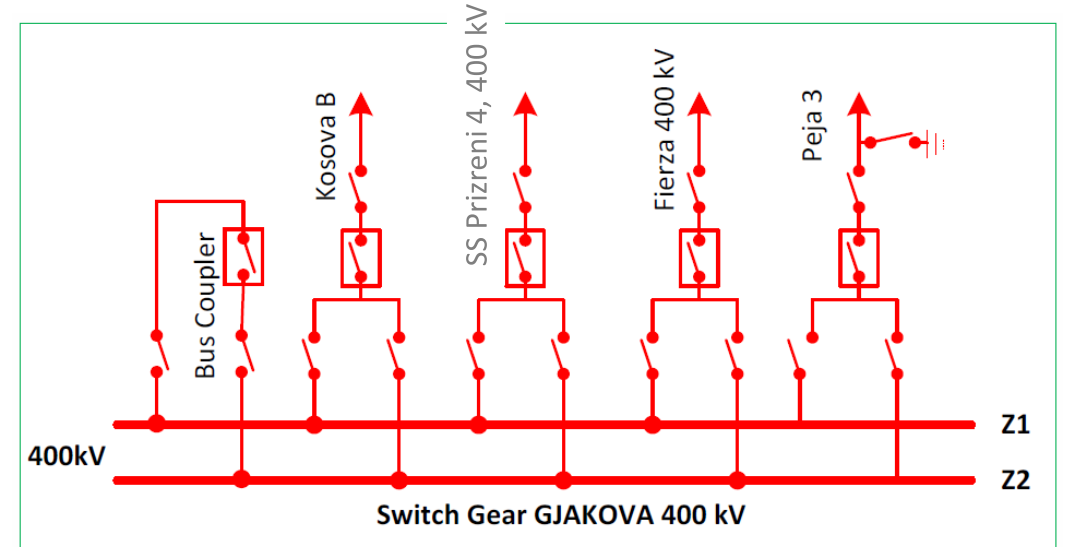
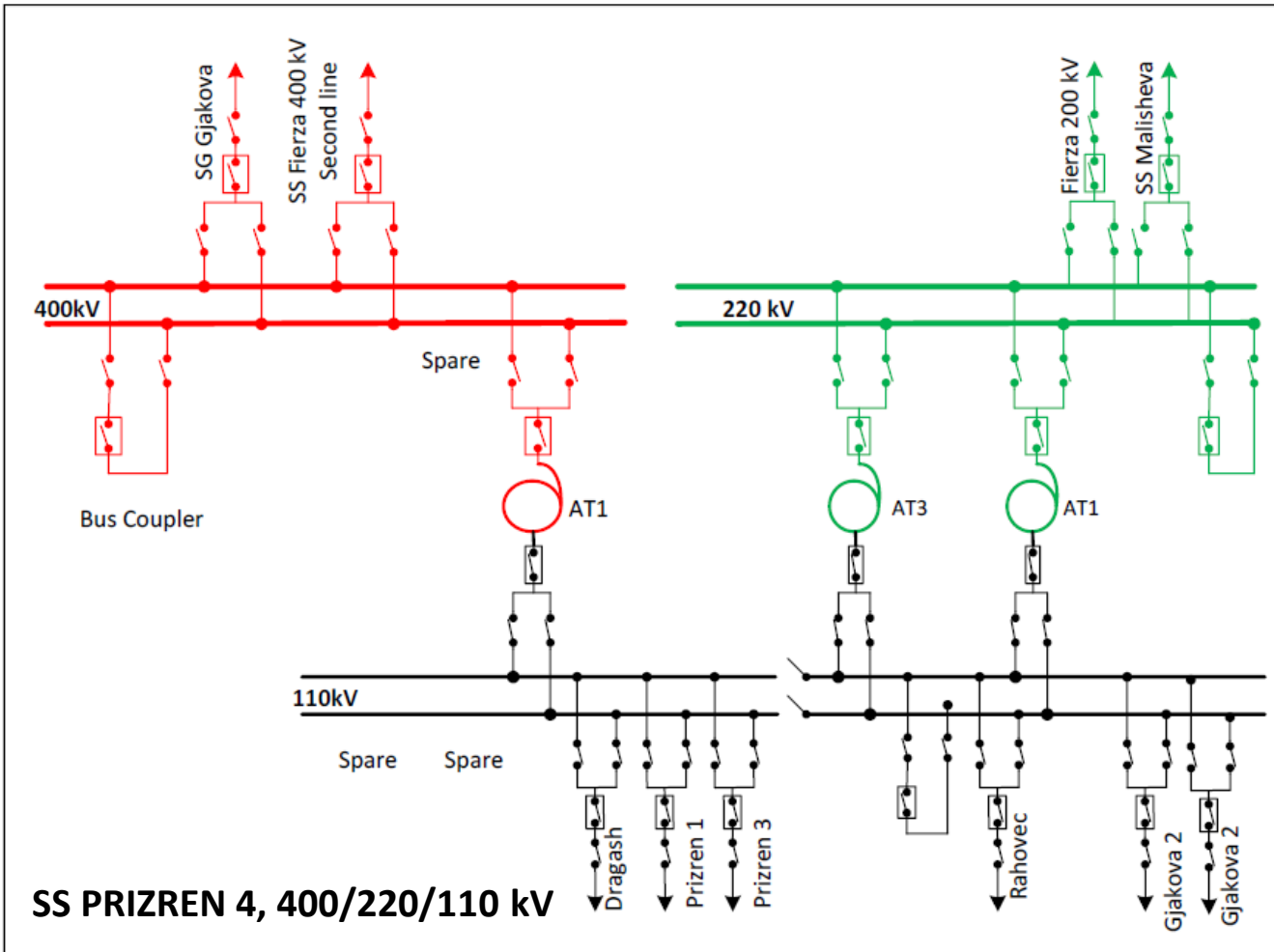


# Scope of works of Project: Reconfiguration of 400 kV grid and new 400 kV interconnection Albania-Kosovo

Name of the Packet Project	Reconfiguration of 400 kV grid and new 400 kV interconnection Albania-Kosovo
Sub-projects	item
Upgrade of SS Prizreni 2 into 400/220/110 kV Prizreni 4	<ul style="list-style-type: none"> <li>- Extension of existing SS with 400 kV bus bars</li> <li>- New 400/110 kV, 300 MVA Autotransformer</li> <li>- Reconfiguration of existing 110 kV bus bars configuration</li> </ul>
New 400 kV Switch Gear Gjakova 3 (Close to existing 400 kV line SS Kosovo B-SS Komani (AL))	<ul style="list-style-type: none"> <li>- Four 400 kV OH Line bays</li> <li>- One Bus Coupler</li> </ul>
New 400 kV Interconnection Line SS Prizreni 4- SS Fierza	- In Kosovo Territory 45 km, and in Albania territory 25km

	Country	2026	2027	2028	2029	2030
Estimated OPEX (provided in real 2025 million EUR)	XK - Kosovo	2.5	4.2	5	38.7	
				<b>Total</b>	<b>50.4 M€</b>	

# Bus Bar Configuration of SS Prizreni 4 and SG Gjakova

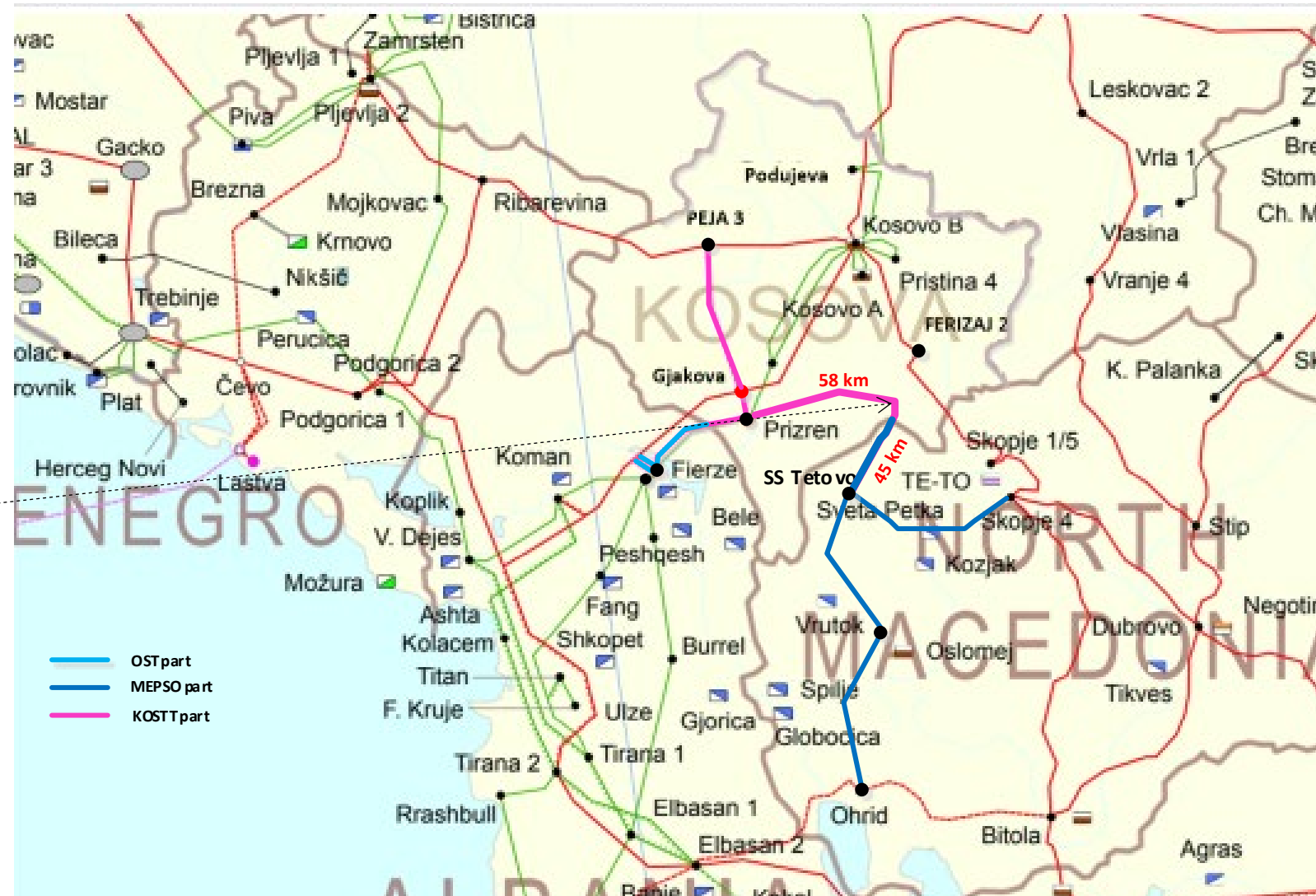


# Data on the Status and Progress of the Project: Reconfiguration of 400 kV grid and new 400 kV interconnection Albania-Kosovo

- The project was listed in PEGI 2024 and is included in the KOSTT Transmission Network Development Plan (TNDP) 2025–2034 (KOSTT website).
- It is harmonized with Albanian OST
- Prefeasibility study
- Technical feasibility study Jul-26
- Economic feasibility study (Cost-benefit analysis) Jul-26
- Environmental impact assessment Dec-26
- Detailed design study Mar-27
- Resolved financing Jun-27
- Obtained approvals/permits Aug-27
- Approval by regulatory authority Aug-27
- Final investment decision Aug-27
- Tendering procedure Oct-27
- Construction Dec-27
- Commissioning Jan-29

# Project: 400 kV interconnection corridor East – West, Western section

New 400 kV interconnection line SS PRIZREN (XK) –SS Tetovo (MK) 103 km (58 km in Kosovo)



# Scope of works of Project: 400 kV interconnection corridor East – West, Western section

<b>Name of the Packet Project</b>	<b>400 kV interconnection corridor East – West, Western section</b>
Sub-projects	item
New 400 kV Interconnection Line SS Prizreni (XK) - SS Tetovo(MK) Type ACSR 2x490mm <sup>2</sup> , 1330MVA	In Kosovo Territory 58 km, and in Albania territory 45km,
400 kV OH Line Bay in SS Prizren 400/220/110 kV	1

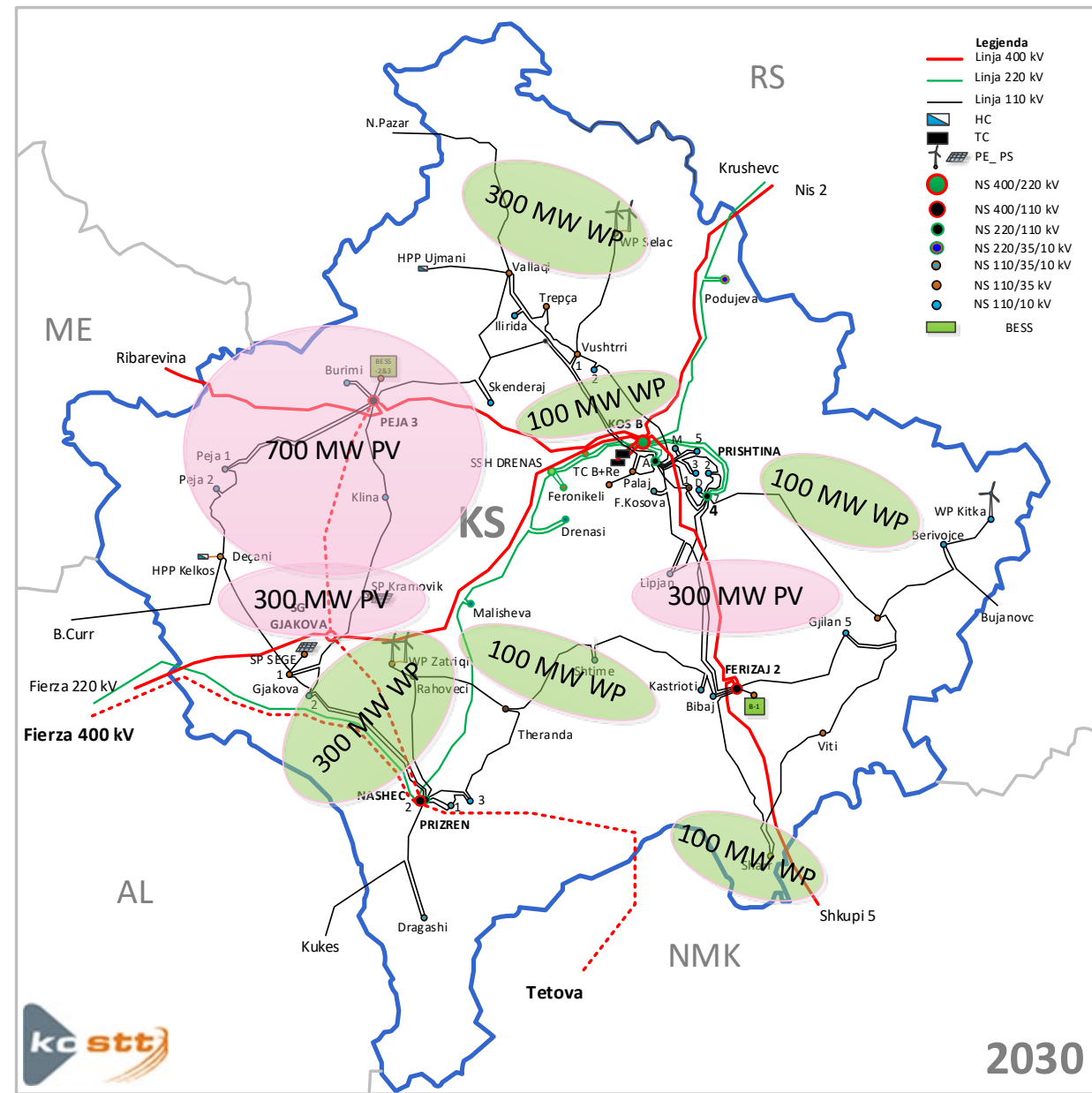
	Country	2026	2027	2028	2029	2030
Estimated OPEX (provided in real 2025 million EUR)	XK - Kosovo	0.5	1.6	1.6	12.6	
				<b>Total</b>	<b>16.3 M€</b>	

# Data on the Status and Progress of the Project: 400 kV interconnection corridor East – West, Western section

- The project is included in the KOSTT Transmission Network Development Plan (TNDP) 2026–2035.
- It is harmonized with MEPSO
- Prefeasibility study Jun-26
- Technical feasibility study Jul-26
- Economic feasibility study (Cost-benefit analysis) Jul-26
- Environmental impact assessment Dec-26
- Detailed design study Mar-27
- Resolved financing Jun-27
- Obtained approvals/permits Aug-27
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# The role of the projects on RES integration and Regional Impact

- Based on the Energy Strategy, 2,000 MW of renewable energy sources (RES) are planned to be integrated into the Kosovo power system by 2031.
- The integration of 2,000 MW of RES can be achieved only through the reconfiguration of the 400 kV network and the development of new interconnections.
- The both projects will bring multiple benefits to the operation of the transmission network:
  - creation of a robust regional network and additional transmission rings between AL, XK and MK,
  - increased cross-border electricity exchange in the region
  - improved security and flexibility of supply,
  - integration of large-scale RES and support of decarbonization.



Thank you for your attention!

**Transmission System and Market Operator**

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